# **CONSUMERS ENERGY COMPANY**

## RATE BOOK FOR ELECTRIC SERVICE

These Standard Rules and Regulations and Rate Schedules contained herein have been adopted by the Company to govern its relations with customers and have been approved by the Michigan Public Service Commission as an integral part of its Rate Book for Electric Service.

Copies of the Company's Rate Book for Electric Service are available on Consumers Energy Company's website at the following website address, <u>http://www.consumersenergy.com/tariffs.nsf/ELECTRIC\_TARIFFS?OpenView</u> or at the Michigan Public Service Commission's website at the following website address, <u>http://www.michigan.gov/mpsc/0,1607,7-159-16377\_52818\_53477-214344--,00.html</u>

Territory

This Rate Book for Electric Service applies to the entire territory served with Electricity by the Company .

#### THIS RATE BOOK SUPERSEDES AND CANCELS RATE BOOK

M.P.S.C. No. 12 - Electric

	Michigan Public Service	
Issued July 20, 2012 by	Commission	
J. G. Russell, President and Chief Executive Officer,	July 24, 2012	
Jackson, Michigan	Filed	

## INDEX SECTION A

	SECTION A	
Electr Territe		Sheet No.           A-1.00           A-2.00           A-8.00           A-15.00           A-16.00           A-29.00
<u>http://c</u>	ADMINISTRATIVE RULES INDEX ambinternet.state.mi.us/DMB/DTMBORR/AdminCode.aspx?AdminCode=Department&Dpt=LR&Level_1=Public+Service+	-Commission
B1.	Technical Standards for Electric Service (R 460.3101 - R 460.3804) (For All Customers) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1768_2017-091LR_AdminCode.pdf	B-1.00
B2.	Consumer Standards and Billing Practices for Electric and Natural Gas Service (R 460.101 - R 460.169) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1779_2018-001LR_AdminCode.pdf	B-2.00
B3.	Uncollectibles Allowance Recovery Fund (R 460.2601 - R 460.2625) (Residential Customers) - Rescinded https://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/108_09_AdminCode.pdf	B-5.00
B4.	Billing Practices Applicable to Non-Residential Electric and Gas Customers (R 460.1601 - 460.1640) - Rescinded http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364_2014-037LR_AdminCode.pdf	B-5.00
B5.	Underground Electric Lines (R 460.511 - R 460.519) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/824_10790_AdminCode.pdf	B-5.00
B6.	Electrical Supply and Communication Lines and Associated Equipment (R 460.811 - R 460.814) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1683_2017-007LR_AdminCode.pdf	B-5.00
B7.	Rules and Regulations Governing Animal Contact Current Mitigation (Stray Voltage) (R 460.2701 - R 460.2707) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/838_10804_AdminCode.pdf	B-6.00
B8.	Electric Interconnection and Net Metering Standards (R 460.601a - R 460.656) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/825_10791_AdminCode.pdf	B-6.00
B9.	Service Quality and Reliability Standards for Electric Distribution Systems (R 460.701 - R 460.752) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/826_10792_AdminCode.pdf	B-6.10
B10.	Code of Conduct (R 460.10101 – R 460.10113) https://www.michigan.gov/documents/mpsc/2018-002_LRFinalCode_of_Conduct_643224_7.pdf	B-6.10
<i>B11</i> .	Practice and Procedure Before the Commission (R 460.17101 - R 460.17701) http://w3.lara.state.mi.us/GSA_Indexed/ORR/108_15_AdminCode.pdf	B-6.10
B12.	Filing Procedures for Electric, Wastewater, Steam and Gas Utilities (R 460.2011 - R 460.2031) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/832_10798_AdminCode.pdf	B-6.10
<i>B13</i> .	Residential Conservation Program Standards (R 460.2401 - R 460.2414) - Rescinded http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/835_10801_AdminCode.pdf	B-6.10
<i>B14</i> .	Preservation of Records of Electric, Gas and Water Utilities (R 460.2501 - R 460.2582) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1679_2017-003LR_AdminCode.pdf	B-6.10
B15.	Uniform System of Accounts for Major and Non Major Electric Utilities (R 460.9001) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/840_10806_AdminCode.pdf	B-6.10
B16.	Rate Case Filing Requirements for Major Electric Utilities http://www.michigan.gov/documents/mpsc/U-18238_7-31-17_587708_7.pdf	B-6.10

(Continued on Sheet No. A-3.00)

М	ichigan Public Service Commission
Feb	oruary 28, 2019
Filed	DBR

## (Continued From Sheet No. A-2.00)

### SECTION C COMPANY RULES AND REGULATIONS

Part	I - Appli	cable to All Customers	<u>Sheet No.</u>			
C1.	CHAR	ACTERISTICS OF SERVICE				
	C1.1	Character of Service	C-1.00			
	C1.2	Hours of Service	C-1.00			
	C1.3	Use of Service	C-2.00			
	C1.4	Extraordinary Facility Requirements and Charges	C-3.00			
	C1.5	Invalidity of Oral Agreements or Representations	C-3.10			
	C1.6	General Provisions of Service	C-4.00			
C2.	CONT	ROLLED SERVICE (SEE SECTION C3.)	C-5.00			
C3.	EMER	GENCY ELECTRICAL PROCEDURES				
	C3.1	General	C-5.00			
	C3.2	Generation Capacity Shortages	C-6.00			
	C3.3	Long-Term Capacity or Fuel Shortages	C-8.00			
	C3.4	Short-Term Capacity Shortages Outside of the Company's Service Area	C-8.00			
C4.	APPLI					
	C4.1	Classes of Service	C-19.00			
	C4.2	Choice of Rates	C-19.00			
	C4.3	Application of Residential Usage and Non-Residential Usage	C-20.00			
	C4.4	Resale	C-24.00			
	C4.5	Mobile Home Park - Individually Served	C-25.00			
C5.	CUSTOMER RESPONSIBILITIES					
	C5.1	Access to Customer's Premises	C-28.00			
	C5.2	Bills and Payments	C-28.00			
	C5.3	Restoration of Service	C-31.00			
	C5.4	Shutoff Protection Plan for Residential Customers	C-32.00			
	C5.5	Non-Transmitting Meter Provision	C-32.20			
	C5.6	Customer-Selected Due Date Program	C-32.30			
C6.	DISTR					
	C6.1	Overhead Extension Policy	C-32.30			
	C6.2	Underground Policy	C-34.00			
C7.	METE	RING AND METERING EQUIPMENT	C-41.00			

(Continued on Sheet No. A-4.00)

(Continued From Sheet No. A-3.00)

## SECTION C COMPANY RULES AND REGULATIONS (Contd)

Part 1	Part I - Applicable to All Customers (Contd)		<u>Sheet No.</u>	
C8. C9.		R SUPPLY COST RECOVERY (PSCR) CLAUSE ITIZATION CHARGES	C-41.00	
	C9.1	Power Plant Securitization Charges, Initial Implementation and True-Up Methodology	C-43.10	
Part l	I - Renev	vable Energy and Energy Efficiency, Applicable to All Customers		
C10.	RENEW	ABLE ENERGY PLAN (REP)		
	C10.1	Revenue Recovery Mechanism – REP Surcharge	C-44.00	
	C10.2	Green Generation Program	C-44.00	
	C10.3	Experimental Advanced Renewable Program	C-48.00	
	C10.4	Experimental Advanced Renewable Program - Anaerobic Digestion Program (AD Program)	C-48.50	
	C10.5	Pilot Solar Program	C-48.62	
	C10.6	Voluntary Large Customer Renewable Energy Pilot (LC-REP) Program	C-48.67	
		ETERING PROGRAM	C-48.70	
C12.		Y EFFICIENCY (EE)		
	C12.1	Energy Efficiency Program	C-52.10	
	C12.2	Self-Directed Customer Plans	C-52.10	
	C12.3	Experimental "Michigan Saves" Billing Program	C-52.20	
Part l	II - Appl	icable to Non-Residential Customers		
C13.	CUSTO	MER DEPOSITS	C-53.00	
C14.	PROVIS	SIONS GOVERNING THE APPLICATION OF ON-PEAK AND OFF-PEAK RATES	C-53.00	
C15.	SPECIA	L MINIMUM CHARGES	C-54.00	
C16.	TEMPC	PRARY SERVICE	C-55.00	
Part l	V - Appl	icable to All Customers		
C17.	CUSTO	MER DATA PRIVACY		
	C17.1	Definitions	C-56.00	
	C17.2	Collection and Use of Data and Information	C-57.00	
	C17.3	Disclosure without Informed Customer Consent	C-57.00	
	C17.4	Disclosure to Contractors	C-58.00	
	C17.5	Customer Access to Data	C-58.00	
	C17.6	Customer Notice of Privacy Policies	C-58.50	
	C17.7	Limitation of Liability	C-58.50	
C18.	STAND	ARD OFFER – PURCHASED POWER	C-59.00	
		SECTION D RATE SCHEDULES		
GENI		RMS AND CONDITIONS OF THE RATE SCHEDULES	D-1.00	
	CHARGE		D-1.00 D-2.00	
		S LY COST RECOVERY (PSCR) FACTORS	D-2.00 D-4.00	
		T SECURITIZATION CHARGES	D-4.00 D-5.10	
		ORIES AND PROVISIONS	D-5.10 D-6.00	
1/1/1	CHILO		$D^{-0.00}$	

(Continued on Sheet No. A-5.00)



(Continued From Sheet No. A-4.00)

#### SECTION D RATE SCHEDULES (Contd)

RESIDENTIAL SUMMER ON-PEAK BASIC RATE RSP	<u>Sheet No.</u> D-8.10
RESIDENTIAL SERVICE SECONDARY RATE RS	D-9.00
RESIDENTIAL DYNAMIC PRICING PROGRAM	D-13.00
EXPERIMENTIAL RESIDENTIAL PLUG-IN ELECTRIC VEHICLE CHARGING PROGRAM	D-13.10
RESIDENTIAL SERVICE TIME-OF-DAY SECONDARY RATE RT	D-14.00
RESIDENTIAL SMART HOURS RATE RSH	D-16.10
RESIDENTIAL NIGHTTIME SAVERS RATE RPM	D-17.00
GENERAL SERVICE SECONDARY RATE GS	D-18.00
GENERAL SERVICE SECONDARY TIME-OF-USE RATE GSTU	D-21.10
GENERAL SERVICE SECONDARY DEMAND RATE GSD	D-22.00
GENERAL SERVICE PRIMARY RATE GP	D-27.00
LARGE GENERAL SERVICE PRIMARY DEMAND RATE GPD	D-31.00
GENERAL SERVICE PRIMARY TIME-OF-USE RATE GPTU	D-36.10
ENERGY INTENSIVE PRIMARY RATE EIP	D-37.00
EXPERIMENTAL ADVANCED RENEWABLE PROGRAM AR	D-40.01
EXPERIMENTAL ADVANCED RENEWABLE PROGRAM - ANAEROBIC DIGESTION PROGRAM (AD Program)	D-40.02
GENERAL SERVICE SELF GENERATION RATE GSG-2	D-42.00
GENERAL SERVICE METERED LIGHTING RATE GML	D-46.00
GENERAL SERVICE UNMETERED LIGHTING RATE GUL	D-50.00
GENERAL SERVICE UNMETERED RATE GU	D-54.10
POLE ATTACHMENT AND CONDUIT USE RATE PA	D-57.10

(Continued on Sheet No. A-6.00)



## (Continued From Sheet No. A-5.00)

#### SECTION E RETAIL OPEN ACCESS (ROA) SERVICE STANDARDS

		<u>Sheet No.</u>
E1.	GENERAL PROVISIONS AND DEFINITIONS	
	<ul> <li>E1.1 Introduction</li> <li>E1.2 The ROA Customer Role</li> <li>E1.3 The Retailer Role</li> <li>E1.4 Definitions</li> <li>E1.5 Application of Rules</li> <li>E1.6 Reciprocity Requirement</li> <li>E1.7 Compensation for Failure to Meet Tariff Obligations or Performance of Duties</li> <li>E1.8 Termination or Cancellation of Contract</li> <li>E1.9 Meter Errors, Billing Errors and Telephone or Other Communication Link Failures</li> <li>E1.10 Release of Customer Information</li> </ul>	E-1.00 E-1.00 E-1.00 E-2.00 E-4.00 E-4.00 E-5.00 E-5.00 E-5.00 E-5.00
E2.	ROA CUSTOMER SECTION	
F2	<ul> <li>E2.1 Terms and Conditions of Service</li> <li>E2.2 Metering</li> <li>E2.3 Character of Service</li> <li>E2.4 Availability of Service</li> <li>E2.5 Term, Commencement of Service, and Return to Company Full Service</li> <li>E2.6 Billing and Payment</li> <li>E2.7 Shutoff of Service</li> <li>E2.8 ROA Service Distribution Contract Capacity</li> <li>E2.9 Rates and Charges</li> <li>E2.10 Liability and Indemnification</li> <li>E2.11 Curtailment of Service</li> <li>E2.12 Parallel Operations Requirements</li> <li>E2.13 Dispute Resolution Procedures</li> </ul>	E-6.00 E-6.00 E-7.00 E-8.00 E-12.00 E-12.00 E-12.00 E-13.00 E-13.00 E-13.00 E-13.00
E3.	<ul> <li>RETAILER SECTION</li> <li>E3.1 Terms and Conditions of Service</li> <li>E3.2 Creditworthiness</li> <li>E3.3 Electronic Business Transactions</li> <li>E3.4 Rates and Charges</li> <li>E3.5 Billing, Payment, Shutoff, and Disenrollment of a Delinquent ROA Customer</li> <li>E3.6 Dispute Resolution Procedures</li> <li>E3.7 Load Profiling</li> <li>E3.8 Customer Protections</li> </ul>	E-14.00 E-15.00 E-16.00 E-16.00 E-16.00 E-19.00 E-20.00 <i>E</i> -20.00
RETA	AIL OPEN ACCESS RESIDENTIAL SECONDARY RATE ROA-R	E-22.00
	AIL OPEN ACCESS SECONDARY RATE ROA-S	E-24.00
	AIL OPEN ACCESS PRIMARY RATE ROA-P	E-27.00

## (Continued on Sheet No. A-7.00)

Issued May 30, 2013 by	
J. G. Russell,	
President and Chief Executive Officer,	
Jackson, Michigan	

Michigan Public Service Commission
June 4, 2013
Filed

(Continued From Sheet No. A-6.00)

Sheet No.

#### SECTION F STANDARD CUSTOMER FORMS INDEX

STANDARD FORMS

F-1.00



## TABLE OF CONTENTS – CHECKLIST

Sheet No.	Sheet Effective Date
Second Revised Sheet No. A-1.00	July 20, 2012
Ninth Revised Sheet No. A-2.00	February 28, 2019
Fifth Revised Sheet No. A-3.00	March 10, 2017
Fifteenth Revised Sheet No. A-4.00	November 2, 2018
Tenth Revised Sheet No. A-5.00	January 23, 2019
Second Revised Sheet No. A-6.00	May 30, 2013
First Revised Sheet No. A-7.00	April 17, 2015
One Hundred and Seventy-Ninth Revised Sheet No. A-8.00	November 15, 2019
Forty-Third Revised Sheet No. A-9.00	March 21, 2019
One Hundred and Forty-Fourth Revised Sheet No. A-10.00	November 15, 2019
Thirty-Eighth Revised Sheet No. A-11.00	January 23, 2019
Fifteenth Revised Sheet No. A-12.00	January 23, 2019
Third Revised Sheet No. A-13.00	January 23, 2019
Nineteenth Revised Sheet No. A-14.00	January 23, 2019
Second Revised Sheet No. A-15.00	August 19, 2016
Original Sheet No. A-16.00	October 10, 2007
Original Sheet No. A-17.00	October 10, 2007
Original Sheet No. A-18.00	October 10, 2007
Original Sheet No. A-19.00	October 10, 2007
Original Sheet No. A-20.00	October 10, 2007
Original Sheet No. A-21.00	October 10, 2007
First Revised Sheet No. A-22.00	October 3, 2008
Original Sheet No. A-23.00	October 10, 2007
First Revised Sheet No. A-24.00	October 3, 2008
Original Sheet No. A-25.00	October 10, 2007
First Revised Sheet No. A-26.00	October 3, 2008
First Revised Sheet No. A-27.00	October 3, 2008
Original Sheet No. A-28.00	October 10, 2007
Third Revised Sheet No. A-29.00	December 1, 2015
Seventh Revised Sheet No. A-30.00	January 23, 2018
Fifth Revised Sheet No. A-31.00	February 8, 2019
Second Revised Sheet No. A-32.00	December 1, 2008
Seventh Revised Sheet No. B-1.00	January 9, 2019
Sixth Revised Sheet No. B-2.00	January 8, 2019
Seventh Revised Sheet No. B-3.00	January 8, 2019
Seventh Revised Sheet No. B-4.00	January 8, 2019
Seventh Revised Sheet No. B-5.00	January 8, 2019
Sixth Revised Sheet No. B-6.00	December 11, 2017
Fifth Revised Sheet No. B-6.10	January 9, 2019
Eighth Revised Sheet No. B-7.00	January 9, 2019
Fourth Revised Sheet No. B-7.10	December 11, 2017
Fourth Revised Sheet No. B-8.00	December 11, 2017
Fifth Revised Sheet No. B-9.00	December 11, 2017
Third Revised Sheet No. C-1.00	December 11, 2017
Original Sheet No. C-2.00	October 10, 2007
Second Revised Sheet No. C-3.00	November 1, 2012
Fifth Revised Sheet No. C-3.10	January 10, 2019
First Revised Sheet No. C-4.00	April 1, 2018
Second Revised Sheet No. C-5.00	March 7, 2017
Second Revised Sheet No. C-6.00	March 7, 2017
Second Revised Sheet No. C-7.00	March 7, 2017
Second Revised Sheet No. C-8.00	March 7, 2017
Second Revised Sheet No. C-9.00	March 7, 2017
	tinued on Sheet No. A

## (Continued on Sheet No. A-9.00)

Issued November 15, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

М	ichigan Public Service Commission
No	vember 18, 2019
Filed	DBR

## TABLE OF CONTENTS - CHECKLIST

-	_	-				-	-	
(Contin	ue	d F	rom	She	et	No.	A-8.00)	)

(Continued From Sheet No.	·
Chart No	Sheet
Sheet No.	Effective Date
First Revised Sheet No. C-10.00	March 7, 2017
Second Revised Sheet No. C-11.00	March 7, 2017
Second Revised Sheet No. C-12.00	March 7, 2017
First Revised Sheet No. C-13.00	March 7, 2017
Second Revised Sheet No. C-14.00	March 7, 2017
First Revised Sheet No. C-15.00	March 7, 2017
Second Revised Sheet No. C-16.00 Second Revised Sheet No. C-17.00	March 7, 2017
First Revised Sheet No. C-17.00	March 7, 2017
First Revised Sheet No. C-18.00	March 7, 2017 March 7, 2017
Fifth Revised Sheet No. C-20.00	December 1, 2015
Fifth Revised Sheet No. C-20.00	April 1, 2018
Third Revised Sheet No. C-22.00	December 1, 2015
Fourth Revised Sheet No. C-22.00	April 1, 2018
Eleventh Revised Sheet No. C-23.00	January 10, 2019
Sixth Revised Sheet No. C-25.00	January 10, 2019
Original Sheet No. C-26.00	October 10, 2007
Original Sheet No. C-27.00	October 10, 2007
First Revised Sheet No. C-28.00	December 11, 2017
First Revised Sheet No. C-29.00	December 11, 2017
Third Revised Sheet No. C-30.00	December 11, 2017
Fourth Revised Sheet No. C-31.00	December 11, 2017
Eighth Revised Sheet No. C-32.00	December 11, 2017
Second Revised Sheet No. C-32.10	January 10, 2019
Eighth Revised Sheet No. C-32.20	January 10, 2019
Fourth Revised Sheet No. C-32.30	April 1, 2018
Fifth Revised Sheet No. C-33.00	April 1, 2018
First Revised Sheet No. C-34.00	January 10, 2019
Original Sheet No. C-35.00	October 10, 2007
Original Sheet No. C-36.00	October 10, 2007
First Revised Sheet No. C-37.00	December 1, 2015
Second Revised Sheet No. C-38.00	April 1, 2018
First Revised Sheet No. C-39.00	April 1, 2018
First Revised Sheet No. C-40.00	January 10, 2019
First Revised Sheet No. C-41.00	May 21, 2008
Seventh Revised Sheet No. C-42.00	March 2019 Billing Month
Second Revised Sheet No. C-43.00	November 2017 Billing Month
First Revised Sheet No. C-43.10	November 2017 Billing Month
Eighth Revised Sheet No. C-44.00 Third Revised Sheet No. C-45.00	April 5, 2019 April 5, 2019
Sixth Revised Sheet No. C-46.00	May 4, 2016
Second Revised Sheet No. C-46.10	May 4, 2016 May 4, 2016
Original Sheet No. C-46.20	May 4, 2016
Fourth Revised Sheet No. C-47.00	May 4, 2016
Fourth Revised Sheet No. C-48.00	June 20, 2014
Fifth Revised Sheet No. C-48.10	January 8, 2019
Third Revised Sheet No. C-48.20	July 27, 2011
Third Revised Sheet No. C-48.30	January 1, 2015
Third Revised Sheet No. C-48.40	January 1, 2015
Original Sheet No. C-48.41	January 1, 2015
Second Revised Sheet No. C-48.50	March 30, 2016
First Revised Sheet No. C-48.60	May 14, 2015
Fifth Revised Sheet No. C-48.62	February 8, 2019
Second Revised Sheet No. C-48.64	June 10, 2016
Fifth Revised Sheet No. C-48.66	January 10, 2019
First Revised Sheet No. C-48.67	October 6, 2018
First Revised Sheet No. C-48.68	October 6, 2018
	(Continued on Sheet No. A-10.00)

Issued March 21, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission
March 25, 2019
Filed DBR

## **TABLE OF CONTENTS - CHECKLIST**

(Continued From Sheet No. A-9.00)

(Continued From Sheet No. A-9.00)			
Sheet No.	Sheet Effective Date		
Original Sheet No. C-48.69	October 6, 2018		
First Revised Sheet No. C-48.70	October 6, 2018		
Fifth Revised Sheet No. C-49.00	June 20, 2014		
Fourth Revised Sheet No. C-50.00	April 1, 2018		
Third Revised Sheet No. C-50.10	April 1, 2018		
Second Revised Sheet No. C-50.20	November 2017 Billing Month		
First Revised Sheet No. C-51.00	July 29, 2009		
Second Revised Sheet No. C-52.00	July 29, 2009		
Third Revised Sheet No. C-52.10	January 23, 2018		
First Revised Sheet No. C-52.20	June 2012 Billing Month		
First Revised Sheet No. C-52.30	June 2012 Billing Month		
Fifth Revised Sheet No. C-53.00	April 1, 2018		
Third Revised Sheet No. C-54.00	June 1, 2009		
Third Revised Sheet No. C-55.00	June 1, 2009		
Fifth Revised Sheet No. C-56.00	October 25, 2018		
Fifth Revised Sheet No. C-57.00	January 9, 2019		
Fourth Revised Sheet No. C-58.00	October 25, 2018		
Original Sheet No. C-58.50	October 25, 2018		
Fourth Revised Sheet No. C-59.00	June 7, 2019		
First Revised Sheet No. C-60.00	June 7, 2019		
First Revised Sheet No. C-61.00	June 7, 2019		
First Revised Sheet No. C-62.00 First Revised Sheet No. C-63.00	June 7, 2019 June 7, 2019		
Thist Revised Sheet No. C-03.00	Julie 7, 2019		
Third Revised Sheet No. D-1.00	December 1, 2015		
Thirty-Eighth Revised Sheet No. D-2.00	December 2019 Billing Month		
Twenty-Fifth Revised Sheet No. D-2.10	January 2019 Billing Month		
Forty-First Revised Sheet No. D-2.20	October 1, 2019		
Forty-First Revised Sheet No. D-3.00	September 2019 Billing Month		
Thirteenth Revised Sheet No. D-3.10	January 10, 2019		
Sheet No. D-4.00	See Effective Date on Sheet No. D-		
Tenth Revised Sheet No. D-5.00	November 2017 Billing Month		
Twelfth Revised Sheet No. D-5.10	August 2019 Billing Month		
Fifteenth Revised Sheet No. D-6.00	April 5, 2019		
First Revised Sheet No. D-6.05	April 5, 2019		
Ninth Revised Sheet No. D-6.10	April 5, 2019		
Fifteenth Revised Sheet No. D-7.00	April 5, 2019		
Seventh Revised Sheet No. D-7.10	April 5, 2019		
Ninth Revised Sheet No. D-8.00	April 5, 2019		
Original Sheet No. D-8.10	January 10, 2019		
Original Sheet No. D-8.20	January 10, 2019		
Original Sheet No. D-8.30	January 10, 2019		
Original Sheet No. D-8.40	January 10, 2019		
Original Sheet No. D-8.50	January 10, 2019		
Sixteenth Revised Sheet No. D-9.00	January 10, 2019		
Seventh Revised Sheet No. D-10.00	January 10, 2019		
Ninth Revised Sheet No. D-11.00	January 10, 2019		
Eighth Revised Sheet No. D-11.10	January 10, 2019		
Ninth Revised Sheet No. D-11.20	April 1, 2018		
Seventh Revised Sheet No. D-11.30	March 7, 2017		
Tenth Revised Sheet No. D-12.00	March 7, 2017		
	April 1, 2018		
Seventh Revised Sheet No. D-13.00			
Seventh Revised Sheet No. D-13.00 Fourth Revised Sheet No. D-13.01	January 10, 2019		
Seventh Revised Sheet No. D-13.00 Fourth Revised Sheet No. D-13.01 Fifth Revised Sheet No. D-13.02	January 10, 2019 January 10, 2019		
Seventh Revised Sheet No. D-13.00 Fourth Revised Sheet No. D-13.01 Fifth Revised Sheet No. D-13.02 First Revised Sheet No. D-13.03	January 10, 2019 January 10, 2019 January 10, 2019		
Seventh Revised Sheet No. D-13.00 Fourth Revised Sheet No. D-13.01 Fifth Revised Sheet No. D-13.02 First Revised Sheet No. D-13.03 First Revised Sheet No. D-13.04	January 10, 2019 January 10, 2019 January 10, 2019 December 11, 2017		
Seventh Revised Sheet No. D-13.00 Fourth Revised Sheet No. D-13.01 Fifth Revised Sheet No. D-13.02	January 10, 2019 January 10, 2019 January 10, 2019		

Issued November 15, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission November 18, 2019 Filed DBR (Continued on Sheet No. A-11.00)

## **TABLE OF CONTENTS - CHECKLIST**

(Continued From Sheet No. A-10.00)			
Sheet No.	Sheet Effective Da		
Sixth Revised Sheet No. D-13.25	January 10,		
Fourth Revised Sheet No. D-13.30	December 1		
Seventeenth Revised Sheet No. D-14.00	January 10,		
Eighth Revised Sheet No. D-15.00	January 10,		
Ninth Revised Sheet No. D-16.00	December 1		
Original Sheet No. D-16.10	January 10,		
Original Sheet No. D-16.20	January 10,		
Original Sheet No. D-16.30	January 10,		
Original Sheet No. D-16.40	January 10,		
Fifth Revised Sheet No. D-17.00	January 10,		
Original Sheet No. D-17.10	January 10,		
Original Sheet No. D-17.20	January 10,		
Original Sheet No. D-17.30	January 10,		
Original Sheet No. D-17.40	January 10,		
Sixteenth Revised Sheet No. D-18.00	January 10,		
Eleventh Revised Sheet No. D-19.00	January 10,		

Origina Origina Sixteent Eleventh Revised Sheet No. L Seventh Revised Sheet No. D-19.10 Tenth Revised Sheet No. D-20.00 Eighth Revised Sheet No. D-21.00 Sixth Revised Sheet No. D-21.10 Third Revised Sheet No. D-21.20 Second Revised Sheet No. D-21.30 First Revised Sheet No. D-21.40 Sixteenth Revised Sheet No. D-22.00 Fourth Revised Sheet No. D-23.00 Fourteenth Revised Sheet No. D-24.00 First Revised Sheet No. D-24.10 Tenth Revised Sheet No. D-25.00 Sixth Revised Sheet No. D-26.00 Thirteenth Revised Sheet No. D-27.00 Ninth Revised Sheet No. D-27.10 Twelfth Revised Sheet No. D-28.00 Thirteenth Revised Sheet No. D-29.00 Ninth Revised Sheet No. D-29.10 Fourth Revised Sheet No. D-30.00 Fourteenth Revised Sheet No. D-31.00 Second Revised Sheet No. D-31.05 Seventeenth Revised Sheet No. D-31.10 Tenth Revised Sheet No. D-32.00 Seventh Revised Sheet No. D-33.00 Thirteenth Revised Sheet No. D-34.00 Fifth Revised Sheet No. D-34.10 Original Sheet No. D-34.20 Original Sheet No. D-34.30 Original Sheet No. D-34.40 Tenth Revised Sheet No. D-35.00 Seventh Revised Sheet No. D-35.10 Ninth Revised Sheet No. D-36.00 Third Revised Sheet No. D-36.10 Tenth Revised Sheet No. D-36.20 Fifth Revised Sheet No. D-36.30 Third Revised Sheet No. D-36.40 Ninth Revised Sheet No. D-37.00 Seventh Revised Sheet No. D-37.10 Eleventh Revised Sheet No. D-37.20 Fifth Revised Sheet No. D-37.30 Second Revised Sheet No. D-37.40

ive Date y 10, 2019 ber 11, 2017 v 10, 2019 v 10, 2019 ber 11, 2017 ry 10, 2019 v 10, 2019 v 10. 2019 ry 10, 2019 ry 10, 2019 v 10, 2019 v 10, 2019 ry 10, 2019 ry 10, 2019 ry 10, 2019 January 10, 2019 January 10, 2019 March 7, 2017 March 7, 2017 January 10, 2019 January 10, 2019 January 10, 2019 March 7, 2017 January 10, 2019 June 8, 2012 January 10, 2019 March 7, 2017 March 7, 2017 March 7, 2017 January 10, 2019 January 10, 2019 January 10, 2019 January 10, 2019 March 7, 2017 November 5, 2010 January 10, 2019 May 16, 2013 March 7, 2017 April 1, 2018 January 10, 2019 January 10, 2019 January 10, 2019 April 1, 2018 January 10, 2019 January 10, 2019 January 10, 2019 January 10, 2019

(Continued on Sheet No. A-12.00)

Issued January 23, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission
February 11, 2019
File <u>d DBR</u>

#### TABLE OF CONTENTS - CHECKLIST (Continued From Sheet No. A-11.00)

Sheet No. Third Revised Sheet No. D-38.00 Tenth Revised Sheet No. D-39.00 Third Revised Sheet No. D-40.00 Fourth Revised Sheet No. D-40.01 Second Revised Sheet No. D-40.02 Fifth Revised Sheet No. D-40.10 Fifth Revised Sheet No. D-41.00 Fifth Revised Sheet No. D-42.00 Fourteenth Revised Sheet No. D-43.00 Eighth Revised Sheet No. D-44.00 Eighth Revised Sheet No. D-45.00 Thirteenth Revised Sheet No. D-46.00 Eighteenth Revised Sheet No. D-47.00 Seventh Revised Sheet No. D-48.00 Fourth Revised Sheet No. D-49.00 Fourth Revised Sheet No. D-50.00 Fourth Revised Sheet No. D-50.10 Eighteenth Revised Sheet No. D-51.00 Seventh Revised Sheet No. D-52.00 Fourth Revised Sheet No. D-53.00 Third Revised Sheet No. D-54.00 First Revised Sheet No. D-54.01 Twelfth Revised Sheet No. D-54.02 Third Revised Sheet No. D-54.03 Sixteenth Revised Sheet No. D-54.10 Second Revised Sheet No. D-55.00 Seventh Revised Sheet No. D-56.00 Fourth Revised Sheet No. D-57.00 First Revised Sheet No. D-57.10 Second Revised Sheet No. D-58.00 Second Revised Sheet No. D-59.00 Second Revised Sheet No. D-60.00 Second Revised Sheet No. D-61.00 First Revised Sheet No. D-61.10 Second Revised Sheet No. D-62.00 Second Revised Sheet No. D-63.00 Second Revised Sheet No. D-64.00 Second Revised Sheet No. D-65.00 Second Revised Sheet No. D-66.00 Second Revised Sheet No. D-67.00 First Revised Sheet No. D-68.00 Second Revised Sheet No. D-69.00 Second Revised Sheet No. D-70.00 Second Revised Sheet No. D-71.00 Second Revised Sheet No. D-72.00 Second Revised Sheet No. D-73.00

Second Revised Sheet No. D-74.00

Second Revised Sheet No. D-75.00

Second Revised Sheet No. D-76.00

Second Revised Sheet No. D-77.00

Second Revised Sheet No. D-78.00

Second Revised Sheet No. D-79.00

First Revised Sheet No. D-80.00

Sheet **Effective Date** December 1, 2015 December 1, 2015 December 1, 2015 November 2017 Billing Month November 2017 Billing Month December 1, 2015 December 1, 2015 June 8, 2012 January 10, 2019 March 7, 2017 November 5, 2010 November 5, 2010 November 9, 2018 January 10, 2019 January 2019 Billing Month November 5, 2010 December 1, 2015 April 1, 2018 January 10, 2019 January 2019 Billing Month January 10, 2019 December 1, 2008 March 7, 2017 November 5, 2010 December 1, 2008 December 1, 2008

Issued January 23, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

 
 Michigan Public Service Commission

 February 11, 2019

 Filed
 DBR
 (Continued on Sheet No. A-13.00)

#### **TABLE OF CONTENTS - CHECKLIST** (Continued From Sheet No. A-12.00)

Sheet No.	Sheet Effective Date
Second Revised Sheet No. D-81.00	December 1, 2008
Second Revised Sheet No. D-82.00	December 1, 2008
First Revised Sheet No. D-82.10	December 1, 2008
Second Revised Sheet No. D-83.00	December 1, 2008
Second Revised Sheet No. D-84.00	December 1, 2008
Second Revised Sheet No. D-85.00	December 1, 2008
Second Revised Sheet No. D-86.00	December 1, 2008
Second Revised Sheet No. D-87.00	December 1, 2008
Second Revised Sheet No. D-88.00	December 1, 2008
Second Revised Sheet No. D-89.00	December 1, 2008
First Revised Sheet No. D-90.00	December 1, 2008
Second Revised Sheet No. D-91.00	December 1, 2008
Second Revised Sheet No. D-92.00	December 1, 2008
First Revised Sheet No. D-93.00	December 1, 2008
Second Revised Sheet No. D-94.00	December 1, 2008
Second Revised Sheet No. D-95.00	December 1, 2008
First Revised Sheet No. D-96.00	December 1, 2008
Second Revised Sheet No. D-97.00	December 1, 2008
Second Revised Sheet No. D-97.00	December 1, 2008
First Revised Sheet No. D-99.00	December 1, 2008
Second Revised Sheet No. D-100.00	December 1, 2008
Second Revised Sheet No. D-100.00	December 1, 2008
First Revised Sheet No. D-102.00	December 1, 2008
First Revised Sheet No. D-102.00	December 1, 2008
Second Revised Sheet No. D-103.00	December 1, 2008
First Revised Sheet No. D-104.00	December 1, 2008
Second Revised Sheet No. D-105.00	December 1, 2008
Second Revised Sheet No. D-100.00 Second Revised Sheet No. D-107.00	December 1, 2008
First Revised Sheet No. D-107.00	December 1, 2008
Second Revised Sheet No. D-109.00	December 1, 2008
Second Revised Sheet No. D-110.00	December 1, 2008
Second Revised Sheet No. D-111.00	December 1, 2008 December 1, 2008
Second Revised Sheet No. D-112.00	December 1, 2008
First Revised Sheet No. D-112.00	December 1, 2008 December 1, 2008
Second Revised Sheet No. D-114.00	December 1, 2008 December 1, 2008
Second Revised Sheet No. D-115.00	
First Revised Sheet No. D-115.00	December 1, 2008 December 1, 2008
Second Revised Sheet No. D-117.00	
Second Revised Sheet No. D-117.00 Second Revised Sheet No. D-118.00	December 1, 2008
	December 1, 2008
Second Revised Sheet No. D-119.00 Second Revised Sheet No. D-120.00	December 1, 2008
Second Revised Sheet No. D-120.00 Second Revised Sheet No. D-121.00	December 1, 2008
	December 1, 2008
Second Revised Sheet No. D-122.00 Second Revised Sheet No. D-123.00	December 1, 2008
	December 1, 2008
Second Revised Sheet No. D-124.00	December 1, 2008
Second Revised Sheet No. D-125.00	December 1, 2008
Second Revised Sheet No. D-126.00	December 1, 2008
Second Revised Sheet No. D-127.00	December 1, 2008
Second Revised Sheet No. D-128.00	December 1, 2008
Second Revised Sheet No. D-129.00	December 1, 2008
Second Revised Sheet No. D-130.00	December 1, 2008

ecember 1, 2008 ecember 1, 2008

Issued January 23, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

## Michigan Public Service Commission February 11, 2019 Filed DBR

#### (Continued on Sheet No. A-14.00)

#### TABLE OF CONTENTS - CHECKLIST (Continued From Sheet No. A-13.00)

Sheet No. Third Revised Sheet No. E-1.00 First Revised Sheet No. E-2.00 Third Revised Sheet No. E-3.00 Original Sheet No. E-4.00 Third Revised Sheet No. E-5.00 Third Revised Sheet No. E-6.00 Sixth Revised Sheet No. E-7.00 Third Revised Sheet No. E-8.00 Second Revised Sheet No. E-9.00 Fourth Revised Sheet No. E-10.00 Second Revised Sheet No. E-11.00 Second Revised Sheet No. E-12.00 First Revised Sheet No. E-13.00 Third Revised Sheet No. E-14.00 Second Revised Sheet No. E-15.00 First Revised Sheet No. E-16.00 Second Revised Sheet No. E-17.00 Second Revised Sheet No. E-18.00 Original Sheet No. E-19.00 Fifth Revised Sheet No. E-20.00 Second Revised Sheet No. E-21.00 Third Revised Sheet No. E-22.00 Eighth Revised Sheet No. E-23.00 Third Revised Sheet No. E-24.00 Fourth Revised Sheet No. E-25.00 Fifth Revised Sheet No. E-26.00 Fifth Revised Sheet No. E-27.00 Fifth Revised Sheet No. E-28.00

Third Revised Sheet No. F-1.00 First Revised Sheet No. F-2.00 First Revised Sheet No. F-3.00

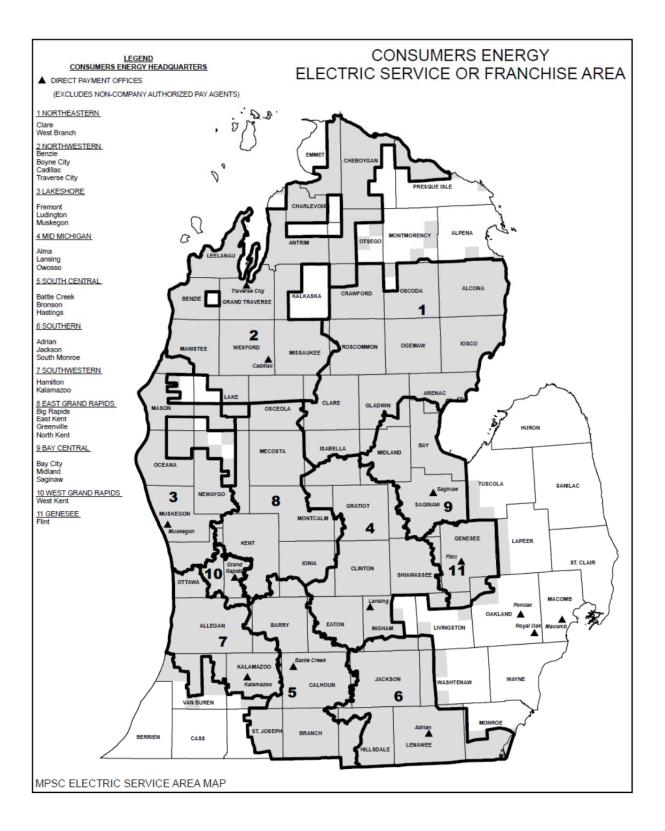
Sheet **Effective Date** December 1, 2008 June 20, 2008 May 16, 2013 October 10, 2007 October 25, 2018 January 10, 2019 January 10, 2019 November 5, 2010 November 13, 2009 April 1, 2018 April 1, 2018 November 13, 2009 June 20, 2008 June 8, 2012 June 8, 2012 November 13, 2009 November 13, 2009 December 11, 2017 October 10, 2007 January 10, 2019 November 13, 2009 January 10, 2019 January 10, 2019 January 10, 2019 January 10, 2019 April 1, 2018 January 10, 2019 April 1, 2018

April 21, 2017 April 11, 2008 April 11, 2008

Issued January 23, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission

February 11, 2019



Michigan Public Service Commission August 22, 2016 Filed

	In	corporated		
County	Cities	Villages	Town	ships
Alcona	Harrisville	Lincoln	Alcona Caledonia Curtis Greenbush Gustin Harrisville	Hawes Haynes Mikado Millen Mitchell
Allegan	Allegan Fennville Otsego Plainwell Saugatuck Wayland	Douglas Hopkins Martin	Allegan Casco Cheshire Clyde Dorr Fillmore Ganges Gun Plain Heath Hopkins Laketown Lee	Leighton Manlius Martin Monterey Otsego Overisel Salem Saugatuck Trowbridge Valley Watson Wayland
Antrim		Bellaire Central Lake Elk Rapids Ellsworth Mancelona	Banks Central Lake Chestonia Custer Elk Rapids Forest Home	Helena Kearney Mancelona Milton Star Torch Lake
Arenac	Au Gres Omer Standish	Sterling Turner Twining	Adams Arenac Au Gres Clayton Deep River Lincoln	Mason Moffatt Sims Standish Turner Whitney

(Continued on Sheet No. A-17.00)



(Continued From Sheet No. A-16.00)

	Ir	corporated			
County	Cities	Cities Villages		Townships	
Barry	Hastings	Freeport Middleville Nashville Woodland	Assyria Baltimore Barry Carlton Castleton Hastings Hope Irving	Johnstown Maple Grove Orangeville Prairieville Rutland Thornapple Woodland Yankee Springs	
Bay	Auburn Bay City Essexville Midland Pinconning		Bangor Beaver Frankenlust Fraser Garfield Gibson Hampton	Kawkawlin Merritt Monitor Mount Forest Pinconning Portsmouth Williams	
Benzie	Frankfort	Benzonia Beulah Elberta Honor	Almira Benzonia Blaine Colfax Crystal Lake Gilmore	Homestead Joyfield Lake Platte Weldon	
Branch	Bronson Coldwater	Quincy Sherwood	Algansee Batavia Bethel Bronson Butler California Coldwater Gilead	Girard Kinderhook Matteson Noble Ovid Quincy Sherwood Union	

(Continued on Sheet No. A-18.00)



(Continued From Sheet No. A-17.00)

	Inc	orporated		
County	Cities	Villages	Townships	
Calhoun	Albion Battle Creek Marshall Springfield	Athens Burlington Homer Tekonsha	Albion Athens Battle Creek Bedford Burlington Clarence Clarendon Convis Eckford Emmett	Fredonia Homer Lee Leroy Marengo Marshall Newton Pennfield Sheridan Tekonsha
Charlevoix	Boyne City East Jordan	Boyne Falls	Bay Boyne Valley Charlevoix Evangeline Eveline	Hayes Melrose South Arm Wilson
Cheboygan	Cheboygan	Mackinaw City Wolverine	Aloha Beaugrand Benton Burt Ellis Hebron Inverness Koehler	Mackinaw Mentor Mullett Munro Nunda Tuscarora Wilmot
Clare	Clare Harrison	Farwell	Arthur Franklin Freeman Frost Garfield Grant Greenwood Hamilton	Hatton Hayes Lincoln Redding Sheridan Summerfield Surrey Winterfield

(Continued on Sheet No. A-19.00)



(Continued From Sheet No. A-18.00)

	Inco	orporated		
County	Cities	Villages	Towns	hips
Clinton	DeWitt Saint Johns	Eagle Elsie Fowler Hubbardston Maple Rapids Ovid Westphalia	Bath Bengal Bingham Dallas DeWitt Duplain Eagle Essex	Greenbush Lebanon Olive Ovid Riley Victor Watertown Westphalia
Crawford	Grayling		Beaver Creek Frederic Grayling	Lovells Maple Forest South Branch
Eaton	Charlotte Grand Ledge Olivet Potterville	Bellevue Dimondale Mulliken Sunfield Vermontville	Bellevue Benton Brookfield Carmel Chester Delta Eaton Eaton Rapids	Hamlin Kalamo Oneida Roxand Sunfield Vermontville Walton Windsor
Emmet		Alanson Mackinaw City Pellston	Bear Creek Carp Lake Little Traverse Littlefield Maple River	McKinley Resort Springvale Wawatam
Genesee	Burton Clio Davison Fenton Flint Flushing Grand Blanc Linden Montrose Mount Morris Swartz Creek	Gaines Goodrich Lennon Otisville	Argentine Atlas Clayton Davison Fenton Flint Flushing Forest Gaines	Genesee Grand Blanc Montrose Mount Morris Mundy Richfield Thetford Vienna

(Continued on Sheet No. A-20.00)



(Continued From Sheet No. A-19.00)

	Inco	rporated		
County	Cities	Villages	Townships	
Gladwin	Beaverton Gladwin		Beaverton Bentley Billings Bourret Buckeye Butman Clement Gladwin	Grim Grout Hay Sage Secord Sherman Tobacco
Grand Traverse	Traverse City	Kingsley	Acme Blair East Bay Fife Lake Garfield Grant Green Lake	Long Lake Mayfield Paradise Peninsula Union Whitewater
Gratiot	Alma Ithaca Saint Louis	Ashley Breckenridge Perrinton	Arcada Bethany Elba Emerson Fulton Hamilton Lafayette New Haven	Newark North Shade North Star Pine River Seville Sumner Washington Wheeler
Hillsdale	Hillsdale Litchfield Reading	Allen Camden Jonesville Montgomery North Adams Waldron	Adams Allen Amboy Cambria Camden Fayette Hillsdale Jefferson Litchfield	Moscow Pittsford Ransom Reading Scipio Somerset Wheatland Woodbridge Wright

(Continued on Sheet No. A-21.00)

Michigan Public Service Commission
October 21, 2015
Filed

(Continued From Sheet No. A-20.00)

	Incon	porated		
County	Cities	Villages	Town	nships
Ingham	East Lansing Leslie Mason	Dansville Stockbridge	Alaiedon Aurelius Bunkerhill Delhi Ingham Lansing Leslie	Meridian Onondaga Stockbridge Vevay Wheatfield Williamston
Ionia	Belding Ionia Portland	Clarksville Hubbardston Lake Odessa Lyons Muir Pewamo Saranac	Berlin Boston Campbell Danby Easton Ionia Keene Lyons	North Plains Odessa Orange Orleans Otisco Portland Ronald Sebewa
Iosco	East Tawas Tawas City Whittemore		Alabaster Au Sable Baldwin Burleigh Grant Oscoda	Plainfield Reno Sherman Tawas Wilber
Isabella	Clare Mount Pleasant	Rosebush Shepherd	Broomfield Chippewa Coe Coldwater Deerfield Denver Fremont Gilmore	Isabella Lincoln Nottawa Rolland Sherman Union Vernon Wise

(Continued on Sheet No. A-22.00)

Michigan Public Service Commission
October 21, 2015
Filed

(Continued From Sheet No. A-21.00)

	Incorp	orated		
County	Cities	Villages	Towns	ships
Jackson	Jackson	Brooklyn Cement City Concord Grass Lake Hanover Parma Springport	Blackman Columbia Concord Grass Lake Hanover Henrietta Leoni Liberty Napoleon Norvell	Parma Pulaski Rives Sandstone Spring Arbor Springport Summit Tompkins Waterloo
Kalamazoo	Galesburg Kalamazoo Parchment Portage	Augusta Climax Richland	Alamo Brady Charleston Climax Comstock Cooper Kalamazoo	Oshtemo Pavilion Richland Ross Schoolcraft Texas Wakeshma
Kalkaska		Kalkaska	Boardman Clearwater Kalkaska	Rapid River Springfield
Kent	Cedar Springs East Grand Rapids Grand Rapids Grandville Kentwood Rockford Walker Wyoming	Caledonia Casnovia Kent City Sand Lake Sparta	Ada Algoma Alpine Bowne Byron Caledonia Cannon Cascade <i>Casnovia</i> Courtland Gaines Grand Rapids	Grattan Lowell Nelson Oakfield Plainfield Solon Sparta Spencer Tyrone Vergennes

(Continued on Sheet No. A-23.00)

Michigan Public Service Commission
October 21, 2015
Filed

(Continued From Sheet No. A-22.00)

	Inc	corporated		
County	Cities	Villages	Towns	ships
Lake		Baldwin Luther	Chase Cherry Valley Dover Ellsworth Newkirk	Pinora Pleasant Plains Sweetwater Webber Yates
Lapeer			Oregon	
Leelanau		Empire Northport Suttons Bay	Bingham Centerville Cleveland Elmwood Empire Glen Arbor	Kasson Leelanau Leland Solon Suttons Bay
Lenawee	Adrian Hudson Morenci Tecumseh	Addison Blissfield Britton Cement City Clayton Deerfield Onsted	Adrian Blissfield Cambridge Deerfield Dover Fairfield Franklin Hudson Macon Madison	Medina Ogden Palmyra Raisin Ridgeway Riga Rollin Rome Seneca Tecumseh Woodstock
Livingston			Cohoctah Deerfield Hartland	Iosco Tyrone Unadilla

(Continued on Sheet No. A-24.00)

Michigan Public Service Commission
October 21, 2015
Filed

(Continued From Sheet No. A-23.00)

	Inc	corporated		
County	Cities	Villages	Tow	nships
Manistee	Manistee	Bear Lake Copemish Eastlake Kaleva Onekama	Arcadia Bear Lake Brown Cleon Dickson Filer Manistee	Maple Grove Marilla Norman Onekama Pleasanton Springdale Stronach
Mason	Ludington Scottville	Custer Fountain Free Soil	Amber Branch Custer Free Soil Grant Hamlin	Pere Marquette Riverton Sherman Summit Victory
Mecosta	Big Rapids	Barryton Mecosta Morley Stanwood	Aetna Austin Big Rapids Chippewa Colfax Deerfield Fork Grant Green	Hinton Martiny Mecosta Millbrook Morton Sheridan Wheatland
Midland	Coleman Midland	Sanford	Edenville Geneva Greendale Homer Hope Ingersoll Jasper Jerome	Larkin Lee Lincoln Midland Mills Mount Haley Porter Warren

(Continued on Sheet No. A-25.00)



(Continued From Sheet No. A-24.00)

	Incorp	orated		
County	Cities	Villages	Town	nships
Missaukee	Lake City McBain		Aetna Bloomfield Butterfield Caldwell Clam Union Enterprise Forest Holland	Lake Norwich Pioneer Reeder Richland Riverside West Branch
Monroe	Luna Pier		Bedford Erie Ida LaSalle	Monroe Summerfield Whiteford
Montcalm	Carson City Greenville Stanton	Edmore Howard City Lakeview McBride Pierson Sheridan	Belvidere Bloomer Bushnell Cato Crystal Day Douglass Eureka Evergreen Fairplains	Ferris Home Maple Valley Montcalm Pierson Pine Reynolds Richland Sidney Winfield
Montmorency		Hillman	Loud Rust	
Muskegon	Montague Muskegon Muskegon Heights North Muskegon Norton Shores Roosevelt Park Whitehall	Casnovia Fruitport Lakewood Club Ravenna	Blue Lake Casnovia Cedar Creek Dalton Egelston Fruitland Fruitland Fruitport Holton	Laketon Montague Moorland Muskegon Ravenna Sullivan White River Whitehall

(Continued on Sheet No. A-26.00)



(Continued From Sheet No. A-25.00)

	Inco	orporated		
County	Cities	Villages	Town	nships
Newaygo	Fremont Grant Newaygo White Cloud	Hesperia	Ashland Barton Beaver Big Prairie Bridgeton Brooks Croton Dayton Denver Ensley Everett	Garfield Goodwell Grant Home Lincoln Merrill Sheridan Sherman Wilcox
Oakland		Holly	Groveland Holly	Rose Springfield
Oceana	Hart	Hesperia New Era Pentwater Rothbury Shelby	Benona Claybanks Ferry Golden Grant Greenwood Hart	Leavitt Newfield Otto Pentwater Shelby Weare
Ogemaw	Rose City West Branch	Prescott	Churchill Cumming Edwards Foster Goodar Hill Horton	Klacking Logan Mills Ogemaw Richland Rose West Branch
Osceola	Evart Reed City	Hersey LeRoy Marion Tustin	Burdell Cedar Evart Hartwick Hersey Highland LeRoy Lincoln	Marion Middle Branch Orient Osceola Richmond Rose Lake Sherman Sylvan

(Continued on Sheet No. A-27.00)



(Continued From Sheet No. A-26.00)

	Inco	orporated		
County	Cities	Villages	Town	ships
Oscoda			Big Creek Clinton Comins	Elmer Mentor
Otsego	Gaylord	Vanderbilt	Bagley Corwith Hayes	Livingston Otsego Lake
Ottawa	Coopersville Ferrysburg Hudsonville Zeeland	Spring Lake	Allendale Blendon Chester Crockery Georgetown Grand Haven Holland Jamestown Olive	Park Polkton Port Sheldon Robinson Spring Lake Tallmadge Wright Zeeland
Presque Isle	Rogers City		Presque Isle Pulawski Rogers	
Roscommon		Roscommon	Au Sable Backus Denton Gerrish Higgins Lake	Lyon Markey Nester Richfield Roscommon
Saginaw	Frankenmuth Saginaw Zilwaukee	Birch Run Chesaning Merrill Oakley Saint Charles	Albee Birch Run Blumfield Brady Brant Bridgeport Buena Vista Carrollton Chapin Chesaning Frankenmuth Fremont James Jonesfield	Kochville Lakefield Maple Grove Marion Richland Saginaw Saint Charles Spaulding Swan Creek Taymouth Thomas Tittabawassee Zilwaukee

#### (Continued on Sheet No. A-28.00)



(Continued From Sheet No. A-27.00)

	Inc	orporated		
County	Cities	Villages	Towns	ships
Saint Joseph		Burr Oak Centreville Colon Mendon	Burr Oak Colon Fawn River Florence Leonidas Lockport	Mendon Nottawa Park Sherman Sturgis
Shiawassee	Corunna Durand Laingsburg Owosso Perry	Bancroft Byron Lennon Morrice New Lothrop Ovid Vernon	Antrim Bennington Burns Caledonia Fairfield Hazelton Middlebury New Haven	Owosso Perry Rush Sciota Shiawassee Venice Vernon Woodhull
Tuscola			Arbela Millington	
Van Buren		Breedsville Lawrence	Almena Antwerp Arlington Bangor Bloomingdale Columbia Covert	Geneva Hamilton Lawrence Paw Paw Pine Grove South Haven Waverly
Washtenaw	Chelsea	Manchester	Lyndon Manchester Sharon Sylvan	
Wexford	Cadillac Manton	Buckley Harrietta Mesick	Antioch Boon Cedar Creek Cherry Grove Clam Lake Colfax Greenwood Hanover	Haring Henderson Liberty Selma Slagle South Branch Springville Wexford

ssued October 21, 2015 by J. G. Russell, President and Chief Executive Officer, Jackson, Michigan	Michigan Public Service Commission October 21, 2015 Filed	
--	--	--

## TECHNICAL TERMS AND ABBREVIATIONS (FOR ALL CUSTOMERS)

#### I. The definitions of the following technical terms and abbreviations are applicable to the Company's Electric Rate Book and are not contained in the other Sections thereof:

#### A. For All Utilities

- (1) "Commission" means the Michigan public service commission.
- (2) "Effective Date" means the date when the tariff sheet must be followed.
- (3) "Issue Date" means the date the Company files a tariff sheet with the Commission.
- (4) "Rate Book" means the complete set of Company filings submitted in accordance with the "Filing Procedures for Electric, Wastewater, Steam and Gas Utilities".
- (5) "Rate Schedule" or "Rider" means the rate or charge for a particular classification of service, including all special terms and conditions under which that service is furnished at the prescribed rate or charge.
- (6) "Rate Sheet" or "Tariff Sheet" means any of the documents filed in accordance with "Filing Procedures for Electric, Wastewater, Steam and Gas Utilities".
- (7) "Rules and Regulations" means the rules, regulations, practices, classifications, exceptions, and conditions that the Company must observe when providing service.
- (8) "Standard Customer Forms Index" means a listing showing the number, title, and revision date for all standard forms, in any format (preprinted or electronically preformatted) that the Company uses to document contracts or other agreements that create or alter a customer's rights or responsibilities in dealings with the Company. Standard customer forms require a customer signature or are specifically referenced within the Rate Book for execution between the Company and customers.

#### B. Company

Advance - For the purposes of deposits and contributions, "in advance" means in advance of commencement of construction.

Ampere (A) - Unit of electrical current produced in a circuit by one volt acting across resistance of one ohm. It is also proportional to the quantity of electrons flowing through a conductor past a given point in one second.

Bona Fide Change in Customer Load - A change in customer load made in good faith without fraud or deceit.

Commercial Usage for Emergency Electrical Procedures - Usage for applications, other than residential, associated with businesses and other establishments which qualify for a nonmanufacturing industry code under the most current edition of the Standard Industrial Classification Manual. In addition to the usual retail and service businesses included are communication, transportation, utility, recreation, education, religious, social and governmental businesses or institutions. It also includes usage for business offices and common use facilities associated with centrally metered complexes (apartments, condominiums, and trailer parks).

Company - Consumers Energy Company.

Customer Voltage Level 1 – Service supplied either directly from the Company's distribution system when the voltage is 120,000 Volts or greater or from this system through a Company-owned substation where, from the exits of the substation, the distribution equipment for supplying service is owned and maintained by the customer.

(Continued on Sheet No. A-30.00)

Issued December 1, 2015 by	Effective for service rendered on	
J. G. Russell, President and Chief Executive Officer,	Michigan Public Service Commission	and after December 1, 2015
Jackson, Michigan	December 2, 2015	Issued under authority of the Michigan Public Service Commission dated November 19, 2015 in Case No. U-17735

## TECHNICAL TERMS AND ABBREVIATIONS (FOR ALL CUSTOMERS) (Continued From Sheet No. A-29.00)

#### B. Company (Contd)

Customer Voltage Level 2 – Service supplied either directly from the Company's distribution system when the voltage is 25,000 Volts or greater but less than 120,000 Volts or from this system through a Company-owned substation where, from the exits of the substation, the distribution equipment for supplying service is owned and maintained by the customer. Portions of the distribution system supply Customer Voltage Level 2 service at a voltage lower than 25,000 Volts, these customers are grandfathered into Customer Voltage Level 2.

Customer Voltage Level 3 – Service supplied from the Company's distribution system and the voltage is 2,400 Volts or greater but less than 25,000 Volts.

Customer Voltage Level 4 – Service supplied from the Company's distribution system and the voltage is less than 2,400 Volts.

Cycling – Alteration of the operating schedule of a customer's electrical air conditioner, heat pump or other qualifying device.

Energy and Demand Registering Meter – A device that registers customer kilowatt-hour use, peak demand and the on-peak demand.

Energy Efficiency Plan Surcharge (EE) - The EE Surcharge is permitted pursuant to Section 89 of 2008 PA 295 *and as amended in 2016 PA 342*. Through the application of the EE Surcharge, the rates for distribution service are adjusted to allow for recovery of the cost of the energy *waste reduction (EWR)* requirements included in 2008 PA 295 *and as amended in 2016 PA 342*. (Annually, a reconciliation shall be conducted pursuant to Section 97 of 2008 PA 295 *and as amended in 2016 PA 342*.) The approved EE Surcharges are shown on Sheet D-2.10.

Energy-Only Registering Meter – A device that registers customer kilowatt-hour use only. Full Service Customer - A customer taking power supply and delivery service from the Company, even if on an irregular basis. With the exception of Wholesale Customers and Retail Open Access Customers, as defined in Rule E1.4(u) of the Company's Rate Book for Electric Service, customers are deemed to be Full Service Customers.

General Service Usage – Any use of electric energy that does not qualify for residential rates. Hertz (Hz) – Cycle per second.

Horsepower (hp) – Unit of mechanical power equivalent to 746 watts of electrical power. Industrial Usage for Emergency Electrical Procedures – Usage for application, other than those defined as residential or commercial, which qualify for a manufacturing industry code under the most current edition of the Standard Industrial Classification Manual and are associated with the manufacture of a product for sale including processing of a product from one form to another. It also includes usage for facilities directly associated with and on the same premises as the manufacturing business such as offices and warehouses.

Interval Data Meter – A device that registers customer kilowatt-hour use, peak demand, on-peak demand, and maximum demand.

Kilo (k) – Prefix meaning one thousand. Kilowatt (kW) – Unit of electrical power representing rate of usage of energy, equivalent to about 1-1/3 Horsepower.

Kilowatt-hour (kWh) – Unit of electrical energy equivalent to the use of one Kilowatt for one hour. Kilovolt-ampere (kVA) – Unit of apparent electrical power which at 100% Power Factor is equivalent to one Kilowatt.

Issued January 29, 2018 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission January 29, 2018 Filed CEP Effective for bills rendered on and after January 23, 2018

(Continued on Sheet No. A-31.00)

Issued under authority of the Michigan Public Service Commission dated January 23, 2018 in Case No. U-18261

## TECHNICAL TERMS AND ABBREVIATIONS (FOR ALL CUSTOMERS)

#### (Continued From Sheet No. A-30.00)

## B. Company (Contd)

Market Settlement Fee (MSF) - An adjustment to capture the resettlement of the Midwest Independent Transmission System Operator Real-Time Locational Market Price for the Company's load node (designated as "CONS.CETR").

Maximum Demand (kW) – The highest 15-minute demand created during the current month or the previous 11 months.

Metered Voltage – The voltage at which service to the customer is measured.

Month – Unless preceded by the word "calendar," the term "month" will refer to a "billing month." On-Peak Billing Demand (kW) for Secondary Rates – The highest actual demand created during the on-peak hours in the current billing month, as contained in Rule C14. Provisions Governing the Application of On-Peak and Off-Peak Rates.

On-Peak Billing Demand (kW) for Primary Rates – The highest actual demand created during the on-peak hours in the current billing month used in a 15-minute time period, as contained in Rule C14. Provisions Governing the Application of On-Peak and Off-Peak Rates.

Peak Demand (kW) – The highest actual demand created during the current billing month.

Power Factor - Ratio of Kilowatt power to Kilovolt-ampere apparent power.

Primary Rate Customer – A customer taking service at a nominal voltage of 2,400 Volts or greater. Primary Voltage – Voltages available by the Company for a Primary Rate Customer that include Customer Voltage Level 1, 2, and 3.

Principal Residence Customer – A customer who takes service at a permanent, year-round dwelling which is his/her Principal Residence throughout the year. The residence address would normally be the customer's voting address and the address used on the customer's driver's license.

Renewable Energy Plan Surcharge (REP) – The REP Surcharge is permitted pursuant to Section 45 (1) of 2008 PA 295 *and as amended in 2016 PA 342*. Through the application of the REP Surcharge the rates for power supply are adjusted to allow for recovery of the incremental cost of compliance with the renewable energy standards included in 2008 PA 295 *and as amended in 2016 PA 342*. ROA Customers are not subject to the REP Surcharge. Annually, a renewable energy reconciliation shall be conducted pursuant to Section 47 (4) *and* 49 of 2008 PA 295 *and as amended in 2016 PA 342*. The approved REP Surcharges are shown on Sheet D-2.10.

Secondary Rate Customer – A customer taking service at a nominal voltage of less than 2,400 Volts. Secondary Voltage – Voltages available by the Company for a Secondary Rate Customer that include Customer Voltage Level 4.

Service Facilities – Are those facilities between the Company's last electric plant unit and the point of termination. For service through a meter operating at 600 Volts or less where facilities are overhead, this is generally the weatherhead; where facilities are underground, this is generally the meter socket. For those Primary Rate Customers who desire to take service directly from the electric distribution system, generally the last plant unit would be the meter installation and there would not be any electric service involved since the customer usually owns all facilities beyond the meter.

Supply Voltage – The voltage at the point where the Company's ownership of equipment ends and the customer's ownership of equipment begins.

Time-Of-Day Meter for Residential Rates – A device that registers customer kilowatt-hour use, peak demand, and on-peak demand as contained in the Schedule of On-Peak and Off-Peak Hours provision of Residential Service Time-Of-Day Secondary Rate RT.

Time-Of-Day Meter for General Service Rates – A device that registers customer kilowatt-hour use, peak demand, and on-peak demand as contained in Rule C14. Provisions Governing the Application of On-Peak and Off-Peak Rates.

Volt (V) – Unit of electrical force.

(Continued on Sheet No. A-32.00)

Issued February 19, 2019 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

М	ichigan Public Service Commission
Fak	oruary 21, 2019
Ler	Juary 21, 2019

Effective for service rendered on and after February 8, 2019

Issued under authority of the Michigan Public Service Commission dated February 7, 2019 in Case No. U-18231

## TECHNICAL TERMS AND ABBREVIATIONS (FOR ALL CUSTOMERS) (Continued From Sheet No. A-31.00)

#### **II.** Definitions of additional technical terms and abbreviations are contained in the following sections:

#### A. Section C - Part I - Company Rules and Regulations (For All Customers)

- (1) Rule C4.3 Application of Residential Usage and Non-Residential Usage
  - (a) Residential Usage (c) Multifamily Dwelling
  - (b) Household (d) Non-Residential Usage
- (2) Rule C4.5 Mobile Home Park Individually Served
  - (a) Mobile Home Park
- (3) Rule C5.2 Bills and Payments J. Energy Theft, Stolen Meter and Switched Meter
  - (a) Stolen Meter
  - (b) Switched Meter
- (4) Rule C8. Power Supply Cost Recovery (PSCR) Clause
  - (a) Power Supply Cost Recovery Factor
  - (b) Power Supply Cost Recovery Plan
  - (c) Power Supply Costs

#### B. Section E - Retail Open Access (ROA) Service Standards

- (1) Rule E1.4 Definitions
  - (a) Aggregator
  - (b) Alternative Electric Supplier
  - (c) Applicable FERC Open Access Tariff
  - (d) Average Incremental Power Cost
  - (e) Broker
  - (f) Company
  - (g) Company Full Service
  - (h) Company's Distribution System
  - (i) Company's Electric Rate Book
  - (j) Direct Assignment Facilities
  - (k) Distribution Contract Capacity
    - Generation Supplier
  - (m) Marketer

(l)

(n) Maximum Demand

- (o) Meter Data Management Agent (MDMA)
- (p) Midwest Independent Transmission System Operator (MISO)
- (q) Point of Delivery (POD)
- (r) Point of Receipt (POR)
- (s) Power
  - (t) Real Power Losses
  - (u) Retail Open Access (ROA) Customer
  - (v) Retail Open Access (ROA) Rate Schedule
  - (w) Retail Open Access (ROA) Service Contract
  - (x) Retailer
- (y) Slamming
- (z) Transmission Service
- (aa) Writing or Written

Issued October 31, 2008 by J. G. Russell, President and Chief Operating Officer, Jackson, Michigan	Michigan Public Service Commission	Effective for service rendered on and after December 1, 2008
	November 7, 2008	Issued under authority of the Michigan Public Service Commission dated June 19, 2008 in Case No. U-15245

## SECTION B ADMINISTRATIVE RULES INDEX

## B1. TECHNICAL STANDARDS FOR ELECTRIC SERVICE (R 460.3101 - R 460.3804) (FOR ALL CUSTOMERS)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1768\_2017-091LR\_AdminCode.pdf

#### PART 1. GENERAL PROVISIONS

R 460.3101 Applicability; purpose; modification; adoption of rules and regulations by utility. R 460.3102 Definitions.

#### PART 2. RECORDS AND REPORTS

R 460.3201 Recor	ds; location;	examination.
------------------	---------------	--------------

- R 460.3202 Records; preservation.
- R 460.3203 Documents and information; required submission.
- R 460.3204 Customer records; retention period; content.
- R 460.3205 Security reporting.

#### PART 3. METER REQUIREMENTS

- R 460.3301 Metered measurement of electricity required; exceptions.
- R 460.3303 Meter reading data.
- R 460.3304 Meter data collection system.
- R 460.3305 Meter multiplier.
- **R 460.3308** Standards of good practice; adoption by reference.
- R 460.3309 Metering inaccuracies; billing adjustments.
- PART 4. CUSTOMER RELATIONS
- R 460.3408 Temporary service; cost of installing and removing equipment owned by utility.

Refer to the Company's approved Rule C1.4, Extraordinary Facility Requirements and Charges and Rule C16., Temporary Service.

#### R 460.3409 Protection of utility-owned equipment on customer's premises.

Refer to the Company's approved Rule C5.2 J., Energy Theft, Stolen Meter and Switched Meter.

R 460.3410 Extension of facilities plan.

Refer to the Company's approved Rule C1.4, Extraordinary Facility Requirements and Charges and Rule C6., Distribution Systems, Line Extensions and Service Connections.

R 460.3411 Extension of electric service in areas served by two or more utilities.

#### PART 5. ENGINEERING

- **R 460.3501** Electric plant; construction, installation, maintenance and operation pursuant to good engineering practice required.
- R 460.3502 Standards of good practice; adoption by reference.
- R 460.3503 Utility plant capacity.
- R 460.3504 Electric plant inspection program.
- R 460.3505 Utility line clearance program.

(Continued on Sheet No. B-2.00)

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 9, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019	Issued under authority of the Michigan Public Service Commission
	Filed DBR	dated December 20, 2018 in Case No. U-18043

**B1**.

B2.

#### (Continued From Sheet No. B-1.00) TECHNICAL STANDARDS FOR ELECTRIC SERVICE (R 460.3101 - R 460.3804) (FOR ALL CUSTOMERS) (Contd) PART 6. METERING EQUIPMENT INSPECTIONS AND TESTS R 460.3601 Customer-requested meter tests. Refer to the Company's approved Rule C7., Metering and Metering Equipment. R 460.3602 Meter and associated device inspections and tests; certification of accuracy. R 460.3603 Meters with transformers; post-installation inspection; exception. R 460.3604 Meters and associated devices; removal tests. R 460.3605 Metering electrical quantities. Nondirect reading meters and meters operating from instrument transformers; marking of R 460.3606 multiplier on instruments; marking of charts and magnetic tapes; marking of register ratio on meter registers; watthour constants. R 460.3607 Watthour meter requirements. Demand meters, registers, and attachments; requirements. R 460.3608 R 460.3609 Instrument transformers used in conjunction with metering equipment; requirements; phase shifting transformers; secondary voltage. Portable indicating voltmeters; accuracy. R 460.3610 R 460.3611 Meter testing equipment; availability; provision and use of primary standards. R 460.3612 Test standards; accuracy. R 460.3613 Metering equipment testing requirements. R 460.3614 Standards check by the Commission. Metering equipment records. R 460.3615 R 460.3616 Average meter error; determination. R 460.3617 Reports to be filed with the Commission. R 460.3618 Generating and interchange station meter tests; schedule; accuracy limits. STANDARDS OF QUALITY OF SERVICES PART 7. R 460.3701 Alternating current systems; standard frequency. R 460.3702 Standard nominal service voltage; limits; exceptions. R 460.3703 Voltage measurements and records. R 460.3704 Voltage measurements; required equipment; periodic checks; certificate or calibration card for standards. R 460.3705 Interruptions of service; records; planned interruption; notice to Commission. PART 8. SAFETY R 460.3801 Protective measures. R 460.3802 Safety program. R 460.3803 **Energizing services.** R 460.3804 Accidents; notice to Commission. CONSUMER STANDARDS AND BILLING PRACTICES FOR ELECTRIC AND NATURAL GAS SERVICE (R 460.101 - R 460.169) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1779\_2018-001LR\_AdminCode.pdf PART 1. **GENERAL PROVISIONS** R 460.101 Applicability; purpose.

- Scope of rules. R 460.101a
- R 460.102 Definitions; A to F.
- R 460.102a Definitions; G to P.
- R 460.102b Definitions; Q to Z.
- R 460.103 Discrimination prohibited.
- R 460.104 Conduct of proceedings.
- R 460.105 Additional rules.

(Continued on Sheet No. B-3.00)

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 8, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019	Issued under authority of the
, B	Filed DBR	Michigan Public Service Commission dated December 20, 2018
		in Case No. U-20152

#### (Continued From Sheet No. B-2.00) B2. CONSUMER STANDARDS AND BILLING PRACTICES FOR ELECTRIC AND NATURAL GAS SERVICE (R 460.101 - R 460.169) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1779\_2018-001LR\_AdminCode.pdf PART 2. APPLICATION FOR SERVICE R 460.106 Service requests. R 460.107 **Residential service account requirements.** PART 3. DEPOSITS AND GUARANTEE TERMS AND CONDITIONS R 460.108 **Prohibited practices.** R 460.109 Deposit for residential customer. **Rescinded.** R 460.110 R 460.111 General deposit conditions for residential customers. R 460.111a General deposit conditions for nonresidential customers. R 460.112 Guarantee terms and conditions for residential customers. PART 4. METER READING PROCEDURES, METER ACCURACY, METER ERRORS AND METER RELOCATION R 460.113 Actual and estimated meter reading. As approved by Commission order dated May 12, 2009 in Case No. U-15617. Also refer to the Company's approved Rule C5.2 B., Meter Reads and Estimated Bills. R 460.114 Customer meter reading. Refer to the Company's approved Rule C5.2 C., Customer Meter Reads. R 460.115 Meter accuracy and errors. R 460.116 Meter relocation. Refer to the Company's approved Rule C5.3, Restoration of Service. PART 5. **BILLING AND PAYMENT STANDARDS** R 460.117 **Bill information.** R 460.118 **Electronic billing requirement.** R 460.119 Separate bill; consolidation and balance transfers for residential and small nonresidential customers. R 460.120 Billing frequency; method of delivery. Refer to the Company's approved Rule C5.2 A., Billing Frequency. R 460.121 Equal monthly billing. R 460.122 Cycle billing. R 460.123 Payment of bill. Refer to the Company's approved Rule C5.2 D., Responsibility for Payment, and C5.2 E., Due Date. R 460.124 Payment period. R 460.125 Late payment charges. Refer to the Company's approved Rule C5.2 F., Late Payment Charge and the "Due Date and Late Payment Charge" provision of the Residential Service Rate Schedules. R 460.126 Billing for unregulated non-energy services. R 460.126a Billing error. Refer to the Consumer Standards and Billing Practices for Electric and Natural Gas Service, Rule R 460.102 Definitions; A to F for the definition of a "Billing Error" and to the Company approved Rules C5.2 H., Billing Error, C5.2 I., Metering Inaccuracy

or Nonregistering Meter and C5.2 J., Energy Theft, Stolen Meter and Switched Meter.

R 460.126b Responsibility for unauthorized use of utility service.

(Continued on Sheet No. B-4.00)

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 8, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019       Filed     DBR	Issued under authority of the Michigan Public Service Commission dated December 20, 2018 in Case No. U-20152

		(Continued From Sheet No. B-3.00)
B2.	CONSUME	R STANDARDS AND BILLING PRACTICES FOR ELECTRIC AND NATURAL GAS SERVICE
		R 460.169) (Contd)
	http://dmbint	ernet.state.mi.us/DMB/ORRDocs/AdminCode/1779_2018-001LR_AdminCode.pdf
	PART 6.	VOLUNTARY TERMINATION OF SERVICE
	R 460.127	Voluntary termination.
	PART 7.	ENERGY ASSISTANCE AND SHUTOFF PROTECTION PROGRAMS FOR RESIDENTIAL CUSTOMERS
	R 460.128	Listing of energy assistance programs for residential customers.
	R 460.129	Notice of energy assistance programs for residential customers.
	R 460.130	Medical emergency.
	R 460.130a R 460.131	Critical care customer shut off protection. Winter protection plan for eligible low-income customers.
Refer t		approved Rule C5.4, Shutoff Protection Plan for Residential Customers. Also refer to Customer Choice
		ity Act; Public Act 141 of 2000; Section 10t., effective June 5, 2000 and Public Act 286 of 2008; Section
		, 2008 and as amended in Public Act 341 of 2016.
11,011	R 460.132	Winter protection plan for eligible senior citizen customers.
Also re		Choice and Electricity Reliability Act; Public Act 141 of 2000; Section 10t., effective June 5, 2000 and
		; Section 11, effective October 6, 2008 and as amended in Public Act 341 of 2016.
	R 460.133	Eligible military customer.
	R 460.134	Extreme weather condition policy.
	R 460.135	Rescinded.
	PART 8.	PROCEDURES FOR SHUTOFF AND RESTORATION OF SERVICE
	R 460.136	Emergency shutoff.
·	R 460.137	Shutoff or denial of service permitted.
Refer t	to the Company's	s approved Rule C5.1, Access to Customer's Premises.
	R 460.138	Shut off prohibited.
	R 460.139	Notice of shut off.
Refer t		approved Rule C5.2 E., Due Date.
	R 460.140	Form of notice.
	R 460.141	Time of shut off.
D.C.	R 460.142	Manner of shutoff.
Refer t		approved Rule C5.2 G., Returned Bill Payment and Rule C5.3, Restoration of Service.
	R 460.143 R 460.144	Manner of shut off for service provided with remote shut off and restoration capability. Restoration of service.
Refer		s approved Rule C5.3, Restoration of Service.
Refer	to the Company i	approved Rule C5.5, Restoration of Service.
	PART 9.	CUSTOMER RELATIONS AND UTILITY PROCEDURES
	R 460.145	Applicability.
	R 460.146	Payment plan procedures for residential and small nonresidential customers.
	R 460.147	Personnel procedures.
	R 460.148	Publication of procedures for residential and small nonresidential customers.
<b>_</b>	R 460.149	Access to rules and rates.
Refer t		approved Rule C4.2, Choice of Rates.
	R 460.150	Complaint procedures.
	R 460.151 P 460 152	Reporting requirements.
	160 157	Inchaetion

R 460.152 Inspection.

R 460.153 Customer access to consumption data and confidentiality.

(Continued on Sheet No. B-5.00)

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 8, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019	Issued under authority of the
	Filed DBR	Michigan Public Service Commission dated December 20, 2018
		in Case No. U-20152

#### (Continued From Sheet No. B-4.00)

# B2. CONSUMER STANDARDS AND BILLING PRACTICES FOR ELECTRIC AND NATURAL GAS SERVICE (R 460.101 - R 460.169) (Contd)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1779\_2018-001LR\_AdminCode.pdf

- PART 10. DISPUTES, HEARINGS AND SETTLEMENTS
- R 460.154 Disputed matters.
- R 460.155 Customer hearing and hearing officers for residential and small nonresidential customers.
- R 460.156 Notice of hearing.
- R 460.157 Customer hearing procedures.
- R 460.158 Settlement agreement procedures for residential and small nonresidential customers.
- R 460.159 Default of settlement agreement procedures for residential and small nonresidential customers.

#### PART 11. APPEAL PROCEDURES

- R 460.160 Customer hearing appeal.
- R 460.161 Filing procedures.
- R 460.162 Customer hearing appeal procedures.
- R 460.163 Interim determination.
- R 460.164 Appeal review.
- R 460.165 Customer hearing appeal decision.
- R 460.166 Failure to comply with customer hearing appeal decision.
- R 460.167 Same dispute.
- R 460.168 Formal appeal.
- R 460.169 Other remedies.
- B3. UNCOLLECTIBLES ALLOWANCE RECOVERY FUND (R 460. 2601 R 460.2625) (RESIDENTIAL CUSTOMERS) - Rescinded November 12, 2013 https://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/108\_09\_AdminCode.pdf
- B4. BILLING PRACTICES APPLICABLE TO NON-RESIDENTIAL ELECTRIC AND GAS CUSTOMERS (R 460.1601 - 460.1640) – Rescinded December 11, 2017 http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364\_2014-037LR\_AdminCode.pdf

## B5. UNDERGROUND ELECTRIC LINES (R 460.511 - R 460.519)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/824\_10790\_AdminCode.pdf

Refer to the Company's approved Rule C6.2, Underground Policy.

- R 460.511 Payment of difference in costs.
- R 460.512 Extensions of residential distribution and service lines in the lower peninsula mainland.
- R 460.513 Extensions of commercial and industrial lines in lower peninsula mainland.
- R 460.514 Costs in case of special conditions.
- R 460.515 Extensions of lines in other areas of state.
- R 460.516 Replacement of existing overhead lines.
- R 460.517 Underground facilities for convenience of utilities or where required by ordinances.
- R 460.518 Exceptions.
- R 460.519 Effective dates.

# B6. ELECTRICAL SUPPLY AND COMMUNICATION LINES AND ASSOCIATED EQUIPMENT (R 460.811 - R 460.814)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1683\_2017-007LR\_AdminCode.pdf

Refer to the Company's approved Rate Schedules for Pole Attachment and Conduit Use Rate PA and General Service Unmetered Rate GU.

- R 460.811 Definitions.
- R 460.812 Purpose.
- R 460.813 Standards of good practice; adoption by reference.
- R 460.814 Exemption from rules; application to Commission; public hearing.

(Continued on Sheet No. B-6.00)

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 8, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019       Filed	Issued under authority of the Michigan Public Service Commission dated December 20, 2018
		in Case No. U-20152

#### (Continued From Sheet No. B-5.00)

#### **B7.** RULES AND REGULATIONS GOVERNING ANIMAL CONTACT CURRENT MITIGATION (STRAY VOLTAGE) (R 460.2701 - R 460.2707) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/838\_10804\_AdminCode.pdf R 460.2701 Definitions. R 460.2702 Measuring animal contact voltage. R 460.2703 Action required to mitigate animal contact current. R 460.2704 **Request for investigation.** Appointment of experts. R 460.2705 R 460.2706 Request for a contested case hearing. R 460.2707 Protocol to evaluate utility contribution to animal contact current.

#### B8. ELECTRIC INTERCONNECTION AND NET METERING STANDARDS (R 460.601a - R 460.656) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/825\_10791\_AdminCode.pdf

Refer to the Company's approved Rule C1.6 B., Parallel Operation Requirements.

#### PART 1. GENERAL PROVISIONS

R 460.601a	Definitions; A-I
R 460.601b	Definitions; J-Z
R 460.602	Adoption of standards by reference.
R 460.604	Prohibited practices.
R 460.606	Designated points of contact.

- R 460.608 Alternative dispute resolution.
- R 460.610 Appointment of experts.
- R 460.612 Waivers.

#### PART 2. INTERCONNECTION STANDARDS

- R 460.615 Electric utility interconnection procedures.
- R 460.618 Interconnection fees.
- R 460.620 Application and interconnection process.
- R 460.622 Modifications to project.
- R 460.624 Insurance.
- R 460.626 Disconnection.
- R 460.628 Easements and rights-of-way.

#### PART 3. NET METERING STANDARDS

- R 460.640 Application process.
- **R** 460.642 Net metering application and fees.
- R 460.644 Net metering program size.
- **R 460.646** Generation and net metering equipment.
- R 460.648 Meters.
- R 460.650 Billing and credit for true net metering customers.
- R 460.652 Billing and credit for modified net metering customers.
- R 460.654 Renewable energy credits.
- R 460.656 Penalties.

(Continued on Sheet No. B-6.10)

Issued February 13, 2018 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan



Effective for service rendered on and after December 11, 2017

Issued under authority of the Michigan Public Service Commission dated November 21, 2017 in Case No. U-18120

February 13, 2018

File<u>d CEP</u>

		(Continued From Sheet No. B-6.00)	
B9.	SERVICE QUALITY AND RELIABILITY STANDARDS FOR ELECTRIC DISTRIBUTION SYSTEMS (R 460.701 - R 460.752)		
	http://dmbinte	ernet.state.mi.us/DMB/ORRDocs/AdminCode/826_10792_AdminCode.pdf	
	PART 1. R 460.701 R 460.702 R 460.703	GENERAL PROVISIONS Application of rules. Definitions. Revision of tariff provisions.	
	PART 2. R 460.721 R 460.722 R 460.723 R 460.724	UNACCEPTABLE LEVELS OF PERFORMANCE Duty to plan to avoid unacceptable levels of performance. Unacceptable levels of performance during service interruptions. Wire down relief requests. Unacceptable service quality levels of performance.	
	PART 3. R 460.731 R 460.732 R 460.733 R 460.734	RECORDS AND REPORTS Deadline for filing annual reports. Annual report contents. Availability of records. Retention of records.	
	PART 4. R 460.741 R 460.742 R 460.743 R 460.744 R 460.745 R 460.746 R 460.747 R 460.748	FINANCIAL INCENTIVES AND PENALTIES Approval of incentives by the Commission. Criteria for receipt of an incentive. Disqualification. Penalty for failure to restore service after an interruption due to catastrophic conditions. Penalty for failure to restore service during normal conditions. Penalty for repetitive interruptions of the same circuit. Multiple billing credits allowed. Effect in other proceedings.	
	PART 5. R 460.751 R 460.752	WAIVERS AND EXCEPTIONS Waivers and exceptions by electric utilities. Proceedings for waivers and exceptions.	
<i>B10</i> .		<b>ONDUCT (R 460.10101 – R 460.10113)</b> nichigan.gov/documents/mpsc/2018-002 LR - Final - Code of Conduct 643224 7.pdf	
	PART 1. R 460.10101 R 460.10102	GENERAL PROVISIONS Applicability. Definitions.	
	R 460.10104 R 460.10105 R 460.10106	Sharing of facilities and employees.	
	PART 3. R 460.10108	DISCRIMINATION Discrimination.	
	PART 4.	INFORMATION SHARING	

R 460.10109 Disclosure of information.

(Continued on Sheet No. B-7.00)

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 9, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019	Issued under authority of the Michigan Public Service Commission dated December 20, 2018 in Case No. U-18361

#### (Continued From Sheet No. B-6.10)

B10. CODE OF CONDUCT (R 460.10101 – R 460.10113) (Contd) https://www.michigan.gov/documents/mpsc/2018-002 LR - Final - Code of Conduct 643224 7.pdf

PART 5. REPORTING, OVERSIGHT, AND PENALTIES R 460.10110 Notification. R 460.10111 Oversight. R 460.10112 Reporting. R 460.10113 Penalties.

#### ADDITIONAL ADMINISTRATIVE RULES

\*Waivers may have been granted by the Commission to the Company for certain portions of the administrative rules below.

- *B11.* PRACTICE AND PROCEDURE BEFORE THE COMMISSION (R 460.17101 R 460.17701) http://w3.lara.state.mi.us/GSA\_Indexed/ORR/108\_15\_AdminCode.pdf
- B12. FILING PROCEDURES FOR ELECTRIC, WASTEWATER, STEAM AND GAS UTILITIES (R 460.2011 - R 460.2031) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/832\_10798\_AdminCode.pdf
- *B13.* RESIDENTIAL CONSERVATION PROGRAM STANDARDS (R 460.2401 R 460.2414) Rescinded April 20, 2017 http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/835\_10801\_AdminCode.pdf
- *B14.* PRESERVATION OF RECORDS OF ELECTRIC, GAS AND WATER UTILITIES (R 460.2501 R 460.2582) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1679\_2017-003LR\_AdminCode.pdf
- *B15.* UNIFORM SYSTEM OF ACCOUNTS FOR MAJOR AND NONMAJOR ELECTRIC UTILITIES (R 460.9001) http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/840\_10806\_AdminCode.pdf
- *B16.* RATE CASE FILING REQUIREMENTS FOR MAJOR ELECTRIC UTILITIES http://www.michigan.gov/documents/mpsc/U-18238\_7-31-17\_587708\_7.pdf

Issued February 28, 2019 by Patti Poppe,	Michigan Public Service Commission	Effective for service rendered on and after January 9, 2019
President and Chief Executive Officer, Jackson, Michigan	February 28, 2019	Issued under authority of the Michigan Public Service Commission dated December 20, 2018 in Case No. U-18361

This sheet has been cancelled and is reserved for future use.

Issued February 13, 2018 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission Effective for service rendered on and after December 11, 2017

February 13, 2018

Filed CEP

Issued under authority of the Michigan Public Service Commission dated November 21, 2017 in Case No. U-18120 This sheet has been cancelled and is reserved for future use.

Issued February 13, 2018 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission Effective for service rendered on and after December 11, 2017

February 13, 2018

Filed CEP

Issued under authority of the Michigan Public Service Commission dated November 21, 2017 in Case No. U-18120 This sheet has been cancelled and is reserved for future use.

Issued February 13, 2018 by Patti Poppe, President and Chief Executive Officer, Jackson, Michigan

Michigan Public Service Commission Effective for service rendered on and after December 11, 2017

February 13, 2018

Filed CEP

Issued under authority of the Michigan Public Service Commission dated November 21, 2017 in Case No. U-18120