
INDIANA MICHIGAN POWER COMPANY

<http://www.indianamichiganpower.com/>

SCHEDULE OF TARIFFS
GOVERNING THE
SALE OF ELECTRICITY

Copies of I&M's Rate Book for Electric Services are available on
Indiana Michigan Power's website at this following website address,
<http://www.aep.com> or at the Michigan Public Service Commission website
at <http://www.michigan.gov/mpsc/0,1607,7-159-16370---,00.html>.

APPLYING TO THE FOLLOWING TERRITORY:
Allegan, Berrien, Cass, Kalamazoo, St. Joseph,
and Van Buren Counties, Michigan

THIS RATE BOOK SUPERSEDES AND CANCELS RATE BOOK M.P.S.C NO. 15 - ELECTRIC

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed <u> </u> DBR <u> </u>

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

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ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

Michigan Public Service Commission
May 10, 2018
Filed _____ DBR

EFFECTIVE FOR SERVICE RENDERED ON
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ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370

(Continued from Sheet No. A-2.00)

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**ISSUED MAY 9, 2018
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Michigan Public Service Commission
May 10, 2018
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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

(Continued from Sheet No. A-3.00)

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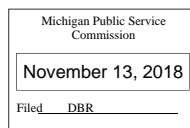
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**ISSUED NOVEMBER 13, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF DECEMBER 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 8, 2018
IN CASE NO. U-20282**

(Continued from Sheet No. A-4.00)

SECTION D (continued)
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ISSUED NOVEMBER 20, 2019
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA

EFFECTIVE FOR BILLS RENDERED BEGINNING
 WITH THE BILLING MONTH OF DECEMBER 2019.

Michigan Public Service Commission
November 22, 2019
Filed _____ DBR _____

ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
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(Continued from Sheet No. A-5.00)

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**ISSUED MAY 9, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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(Continued from Sheet No. A-7.00)
**STANDARD SERVICE AND OPEN ACCESS DISTRIBUTION SERVICE TARIFFS
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BY TOBY L. THOMAS
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FORT WAYNE, INDIANA**

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EFFECTIVE DATE: SEE ABOVE

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FORT WAYNE, INDIANA**

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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

Michigan Public Service Commission
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(Continued from Sheet No. A-10.00)

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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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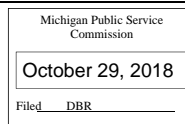
Michigan Public Service Commission
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(Continued from Sheet No. A-11.00)

**STANDARD SERVICE AND OPEN ACCESS DISTRIBUTION TARIFFS
TABLE OF CONTENTS - CHECKLIST**

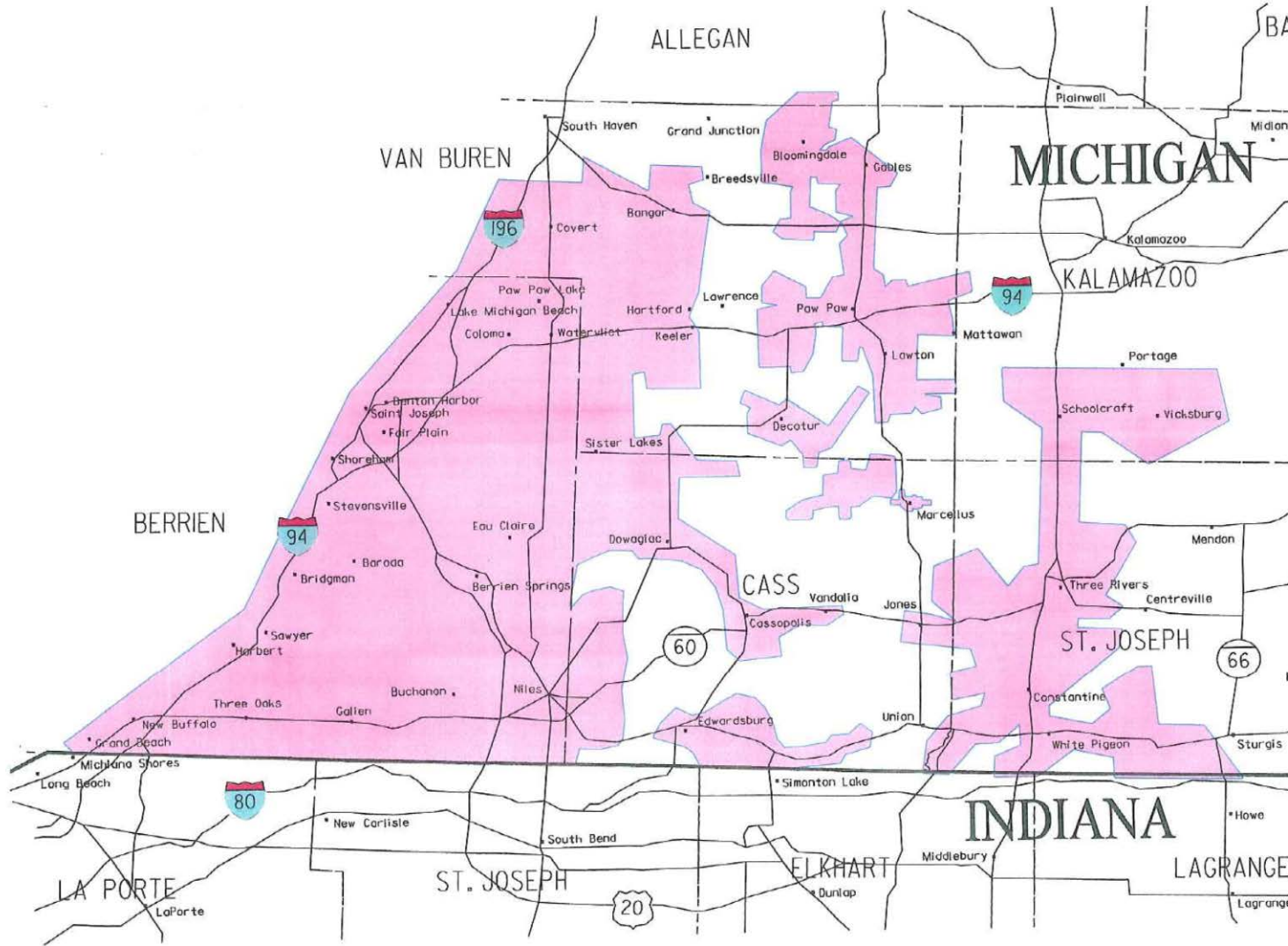
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**ISSUED OCTOBER 26, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



EFFECTIVE DATE: SEE ABOVE

AREA MAP OF LOCALITIES WHERE ELECTRIC SERVICE IS AVAILABLE



ISSUED MAY 9, 2018
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA

Michigan Public Service Commission	
May 10, 2018	
Filed	DBR

EFFECTIVE FOR SERVICE RENDERED ON
 AND AFTER APRIL 26, 2018

ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2018
 IN CASE NO. U-18370

LOCALITIES WHERE ELECTRIC SERVICE IS AVAILABLE

Beginning November 29, 2010, all Michigan localities served by the Company became a single Rate Area served under a uniform set of Rate Schedules. The former St. Joseph and Three Rivers Rate Areas are identified below:

Former St. Joseph Rate Area

The former St. Joseph Rate Area consists of all areas served by Indiana Michigan Power Company in the State of Michigan on March 1, 1992. The following communities are located in the St. Joseph Rate Area:

Bangor, Baroda, Benton Harbor, Berrien Springs, Bridgman, Buchanan, Coloma, Eau Claire, Galien, Grand Beach, Hartford, Michiana, New Buffalo, Niles, St. Joseph, Shoreham, Stevensville, Three Oaks, and Watervliet.

The following counties/townships are located in and served by the St. Joseph Rate Area:

BERRIEN COUNTY - all Townships except Bainbridge; CASS COUNTY - all of Howard and Milton Townships and portions of Ontwa, Pokagon, Porter, and Silver Creek Townships; VAN BUREN COUNTY - all of Arlington, Bangor, Covert, Geneva, Hartford, and South Haven Townships and portions of Columbia, Hamilton, Keeler, and Lawrence Townships.

Former Three Rivers Rate Area

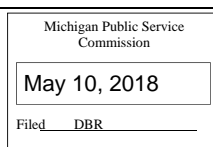
The former Three Rivers Rate Area consists of all areas served by Michigan Power Company in the State of Michigan on March 1, 1992. The following communities are located in the Three Rivers Rate Area:

Bloomington, Cassopolis, Constantine, Decatur, Dowagiac, Edwardsburg, Gobles, Jones, Keeler, Lawton, Marcellus, Mattawan, Paw Paw, Portage, Schoolcraft, Three Rivers, Union, Vandalia, Vicksburg, and White Pigeon.

The following counties/townships are located in and served by the Three Rivers Rate Area:

ALLEGAN COUNTY - all of Cheshire Township; BERRIEN COUNTY - only Bainbridge Township; CASS COUNTY - all of Calvin, Jefferson, LaGrange, Marcellus, Mason, Newburg, Penn, Volinia, and Wayne Townships and portions of Ontwa, Pokagon, Porter, and Sliver Creek Townships; KALAMAZOO COUNTY - all of Brady, Oshtemo, Pavillion, Prairie Ronde, Schoolcraft, and Texas Townships; ST. JOSEPH COUNTY - all of Constantine, Fabius, Florence, Flowerfield, Lockport, Mottville, Park, Sherman, Sturgis, and White Pigeon Townships; VAN BUREN COUNTY - all of Almena, Antwerp, Bloomington, Paw Paw, Pine Grove, Porter, and Waverly Townships and portions of Columbia, Hamilton, Keeler, and Lawrence Townships.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

ABBREVIATIONS, TECHNICAL TERMS AND DEFINITIONS

ABBREVIATIONS

I&M – Indiana Michigan Power Company

kW – Kilowatt(s)

kVA – Kilovolt-ampere(s)

kWh – Kilowatt-hour(s)

MPSC - Michigan Public Service Commission

OAD - Open Access Distribution

PJM – PJM Interconnection, LLC

RKVAH – Reactive Kilovolt-ampere(s) Hour

TECHNICAL TERMS AND DEFINITIONS

“**Alternative Electric Supplier or AES**” – any person that is engaged in the business of supplying electric generation service to customers that take distribution service from the Company.

“**Billing Cycle**” – Company’s schedule for meter reading and billing which distributes the starting dates for billing periods throughout the calendar month.

“**Billing Demand**” – Customer’s demand expressed in kW (as adjusted in accordance with the applicable rate schedule) which will be used in the calculation of the Customer’s bill.

“**Billing Period or Billing Month**” – the interval between two consecutive meter readings that are taken for billing purposes. Such readings will be taken as nearly as practical every 30 days.

“**Business Day**” – any Monday through Friday when the Company’s main business office is open.

“**Commission**” means the Michigan Public Service Commission.

“**Company**” – Indiana Michigan Power Company.

“**Company Standards**” – Electric standards established by the Company.

“**Connected load**” - means the customer’s total load connected to the Company’s system.

“**Contract Capacity**” – Customer’s specified load requirements expressed in kW for which Customer contracts and Company is obligated to supply.

(Continued on Sheet No. A-16.00)

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“**Contract year or year**” – twelve consecutive billing periods used in the application of rate schedules.

“**Customer**” – An account holder (at least 18 years old or an emancipated minor), corporation, municipality or other government agency which has agreed, orally or otherwise, to pay for electric service from the Company.

“**Customer in Good Standing**” – Customer that has not had service shut off involuntarily for any reason other than safety during the previous twelve months.

“**Delinquent Bill**” – A Customer Bill that has remained unpaid for a period of 5 or more days after the due date.

“**Delivery Charges**” – charges for both customer-related and distribution services including costs for Company facilities required to deliver electric energy from the transmission system to a customer’s premises, including expenses for operation and maintenance of distribution facilities.

“**Delivery Point**” – the point at which service is delivered by Company to customer. Generally the point at which the customer’s facilities are connected to the Company’s facilities.

“**Delivery voltage**” – voltage of Company’s facilities at the delivery point.

“**Demand**” - the quantity of electrical power required, as measured in kW or kVA and integrated over a 15-minute period, metered by a demand indicator.

“**Demand Charge**” - the portion of a customer’s bill based on the customer’s Maximum Demand, in kW and calculated on the Billing Demand under the applicable Rate Schedule.

“**Disconnection**” – the termination or discontinuance of electric service.

“**Effective date**” – means the date when the tariff sheet must be followed.

“**Issue date**” means the date the Company files a tariff sheet with the Commission.

“**Interval Metering**” – meter capable of measuring and recording energy usage and demands on a sub-hour time interval and hourly integrated basis.

“**Kilovolt or kV**” – a unit of electrical force, 1,000 volts.

“**Kilovolt-ampere or kVA**” – a unit of apparent electrical power that is the product of volts and amperes, divided by 1,000.

“**Kilowatt or kW**” – a unit of electrical power equal to 1,000 watts, equivalent to about 1-1/3 horsepower.

“**Kilowatt-hour or kWh**” – a unit of electrical energy equivalent to the quantity of electrical energy consumed by a 100 watt lamp burning ten hours.

(Continued on Sheet No. A-17.00)

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“**Lateral Extension**” – a line extension from a distribution line and is normally constructed on the customer’s property to provide service to a specific premise.

“**Lumen**” – a unit of output of a light source.

“**Metered Voltage**” – the voltage at which service to the customer is measured.

“**Minimum charge**” – a monthly minimum charge the customer will be billed.

“**Month**” – unless preceded by the word “calendar,” the term “month” will refer to a billing month.

“**Off-peak Period**” – daily periods when the demand on the Company’s generating system is usually the lowest.

“**On-peak Period**” – daily periods when the demand on the Company’s generating system is usually the highest.

“**Open Access Distribution customer**” – customer receiving Open Access Distribution service from the Company.

“**Open Access Distribution service or OAD**” – optional service where a customer receives certain generation and transmission services from an AES.

“**Other On-Site Sources of Electric Energy Supply**” – shall mean customer owned, controlled or operated power production facilities located at the customer’s site and designed to operate in parallel with the Company’s system.

“**PJM Interconnection, LLC or PJM**” – is a regional transmission organization (RTO) that coordinates the movement of wholesale electricity.

“**Power Factor**” – the ratio of watts to the product of volts and ampere apparent power.

“**Power Supply – Capacity Charges**” – are the retail power supply charges for costs incurred by Company in order to meet its customers’ capacity needs.

“**Power Supply – Non-Capacity Charges**” – are the retail power supply charges for generation and transmission costs that are not included as Capacity Power Supply charges.

“**Primary Voltage**” – nominal voltages of more than 2,400 volts.

“**Rate Book**” means the complete set of Company filings submitted in accordance with the “Filing Procedures for Electric, Wastewater, Steam and Gas Utilities”.

(Continued on Sheet No. A-18.00)

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“**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.

“**Reactive Kilovolt Ampere Hours or RkVAH**” - a unit of power that is also known as "imaginary" or "reactive" power equal to 1,000 volt-ampere of reactive power (kVAR) measured or consumed over one hour.

“**Regular Business Hours**” – hours of operation designated by the Company occurring on Business Days.

“**Residential Customer**” – a customer receiving service for a dwelling unit, defined as one or more rooms including kitchen in a facility designed as living accommodations for occupancy by one family for the purpose of cooking, living and sleeping.

“**Rules or Regulations**” means the rules, regulations, practices, classifications, exceptions, and conditions that the Company must observe when providing service.

“**Secondary Voltage**” – nominal voltages of less than 480 volts.

“**Service**” – the supply of electric energy delivered by Company to the Customer.

“**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 Service customers who desire to take service directly from the electric distribution system, generally the last Company electric plant unit would be the meter installation and there would not be any Service Facilities involved since the customer usually owns all facilities beyond the meter.

“**Standard service**” – service where customer is receiving generation, transmission and distribution services from the Company under a Commission approved rate schedule.

“**Standard service customer**” – customer receiving Standard service from the Company.

“**Subtransmission Voltage**” – nominal voltages of 34,500 volts to 69,000 volts.

“**Tariff**” – the entire body of rate schedules, riders, general terms and conditions for electric service.

“**Transmission Voltage**” – nominal voltages of 138,000 volts to 765,000 volts.

“**Underground**” – those parts of Company’s distribution system which are constructed and direct buried underground.

“**Volt**” – a unit of electrical force.

“**Watt**” – the electrical unit of power or rate of doing work.

“**Year**” – unless preceded by the word “calendar,” the term “year” will refer to twelve consecutive billing months.

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SECTION B
MICHIGAN PUBLIC SERVICE COMMISSION ADMINISTRATIVE RULES INDEX

- B1. CONSUMER STANDARDS AND BILLING PRACTICES FOR ELECTRIC RESIDENTIAL SERVICE
(R 460.101 – 460.169)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1365_2014-038LR_AdminCode.pdf

PART 1. GENERAL PROVISIONS

- R 460.101 Application of rules.
- R 460.102 Definitions.
- R 460.103 Discrimination prohibited.
- R 460.104 Conduct of proceedings.
- R 460.105 Additional rules.

PART 2. APPLICATION FOR SERVICE

- R 460.106 Service requests for new or previous customers.
- R 460.107 Applicant information.

PART 3. DEPOSITS AND GUARANTEE TERMS AND CONDITIONS

- R 460.108 Prohibited practices.
- R 460.109 Deposit for new customer.
- R 460.110 Deposit for a previous customer or for continued service.
- R 460.111 General deposit conditions.
- R 460.112 Guarantee terms and conditions.

PART 4. METER READING PROCEDURES, METER ACCURACY, METER ERRORS AND RELOCATION

- R 460.113 Actual and estimated meter reading.
- R 460.114 Company representative identification.
- R 460.115 Customer meter reading.
- R 460.116 Meter accuracy, meter errors, meter relocation.

PART 5. BILLING AND PAYMENT STANDARDS

- R 460.117 Billing frequency; method of delivery.
- R 460.118 Equal monthly billing.
- R 460.119 Cycle billing.
- R 460.120 Payment of bill.
- R 460.121 Payment period.

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CONSUMER STANDARDS AND BILLING PRACTICES FOR ELECTRIC RESIDENTIAL SERVICE
(R 460.101 – 460.169) (Cont'd.)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1365_2014-038LR_AdminCode.pdf

PART 5. BILLING AND PAYMENT STANDARDS CONT'D

- R 460.122 Allowable charges.
- R 460.123 Bill information.
- R 460.124 Separate bills.
- R 460.125 Billing for non-tariff services.
- R 460.126 Billing error.

PART 6. VOLUNTARY TERMINATION OF SERVICE

- R 460.127 Voluntary termination.

PART 7. UTILITY PROCEDURES

- R 460.128 Applicability.
- R 460.129 Complaint procedures.
- R 460.130 Personnel procedures.
- R 460.131 Publication of procedures.
- R 460.132 Access to rules and rates.
- R 460.133 Reporting requirements.
- R 460.134 Inspection.
- R 460.135 Customer access to consumption data.

PART 8. PROCEDURES FOR SHUTOFF AND RESTORATION OF SERVICE

- R 460.136 Emergency shutoff.
- R 460.137 Shutoff permitted.
- R 460.138 Notice of shutoff.
- R 460.139 Form of notice.
- R 460.140 Time of shutoff.
- R 460.141 Manner of shutoff.
- R 460.142 Manner of shutoff for service provided with remote shutoff and restoration capability.
- R 460.143 Shutoff prohibited.
- R 460.144 Restoration of service.

PART 9. ENERGY ASSISTANCE AND SHUTOFF PROTECTION PROGRAMS

- R 460.145 Listing of energy assistance programs.
- R 460.146 Notice of energy assistance programs.
- R 460.147 Medical emergency.

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**CONSUMER STANDARDS AND BILLING PRACTICES FOR ELECTRIC RESIDENTIAL SERVICE
(R 460.101 – 460.169) (Cont'd.)**

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1365_2014-038LR_AdminCode.pdf

- R 460.148 Winter protection plan for low-income customers.
- R 460.149 Winter protection plan for senior citizens.
- R 460.150 Military protections.

PART 10. DISPUTED CLAIM, HEARING AND SETTLEMENT AGREEMENT

- R 460.151 Disputed claim.
- R 460.152 Utility hearing and hearing officers.
- R 460.153 Notice of hearing.
- R 460.154 Hearing procedures.
- R 460.155 Settlement agreement.
- R 460.156 Default of settlement agreement.
- R 460.157 Same dispute.

PART 11. COMMISSION APPEAL PROCEDURES

- R 460.158 Informal appeal.
- R 460.159 Filing procedures.
- R 460.160 Informal appeal procedures.
- R 460.161 Interim determination.
- R 460.162 Appeal review.
- R 460.163 Shutoff pending decision.
- R 460.164 Informal appeal decision.
- R 460.165 Failure to comply with informal appeal decision.
- R 460.166 Same dispute.
- R 460.167 Formal appeal.
- R 460.168 Other remedies.
- R 460.169 Scope of rules.

(Continued on Sheet No. B-4.00)

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SECTION B
MICHIGAN PUBLIC SERVICE COMMISSION ADMINISTRATIVE RULES INDEX

- B2. TECHNICAL STANDARDS FOR ELECTRIC SERVICE (R 460.3101 - 460.3804) (FOR ALL CUSTOMERS)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1625_2016-018LR_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 Records; location; examination.
R 460.3202 Records; preservation.
R 460.3203 Documents and information; required submission.
R 460.3204 Customer records; retention period content.

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.
R 460.3409 Protection of utility-owned equipment on customer's premises.
R 460.3410 Extension of facilities plan.
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.

(Continued on Sheet No. B-5.00)

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TECHNICAL STANDARDS FOR ELECTRIC SERVICE (R 460.3101 - 460.3804) (FOR ALL CUSTOMERS) (Cont'd.)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1625_2016-018LR_AdminCode.pdf

- R 460.3503 Utility plant capacity.
- R 460.3504 Electric plant inspection program.
- R.460.3505 Utility line clearance program.

PART 6. METERING EQUIPMENT INSPECTIONS AND TESTS

- R 460.3601 Customer-requested meter tests.
- 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.
- R 460.3606 Nondirect reading meters and meters operating from instrument transformers; marking of multiplier on instruments; marking of charts and magnetic tapes; marking of register ratio on meter registers; watthour constants.
- R 460.3607 Watthour meter requirements.
- R 460.3608 Demand meters, registers, and attachments; requirements.
- R 460.3609 Instrument transformers used in conjunction with metering equipment; requirements; phase shifting transformers; secondary voltage.
- R 460.3610 Portable indicating voltmeters; accuracy.
- 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.
- R 460.3615 Metering equipment records.
- 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.

PART 7. STANDARDS OF QUALITY OF SERVICES

- 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.

(Continued on Sheet No. B-6.00)

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TECHNICAL STANDARDS FOR ELECTRIC SERVICE ((R 460.3101 - 460.3804) (FOR ALL CUSTOMERS) (Cont'd.)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1625_2016-018LR_AdminCode.pdf

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.

B3. BILLING PRACTICES APPLICABLE TO NON-RESIDENTIAL ELECTRIC AND GAS CUSTOMERS (R 460.1601 – 460.1640)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364_2014-037LR_AdminCode.pdf

PART 1. GENERAL PROVISIONS

R 460.1601 Applicability; purpose.

R 460.1602 Definitions.

R 460.1603 Discrimination prohibited.

R 460.1604 Form of proceedings.

R 460.1605 Additional rules.

PART 2. APPLICATION FOR SERVICE

R 460.1606 Application for new service.

PART 3. GENERAL CUSTOMER DEPOSIT CONDITIONS

R 460.1607 Customer deposits.

PART 4. METER READING, ESTIMATED BILLS, BILLING ADJUSTMENTS, VOLUNTARY TERMINATION, AND METER RELOCATION

R 460.1608 Meter reading interval and estimated bills.

R 460.1609 Metering inaccuracies; billing adjustments.

R 460.1610 Voluntary termination.

R 460.1611 Meter or facilities relocation charge.

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BILLING PRACTICES APPLICABLE TO NON-RESIDENTIAL ELECTRIC AND GAS CUSTOMERS
(R 460.1601 – 460.1640)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364_2014-037LR_AdminCode.pdf

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PART 5. BILLING AND PAYMENTS

- R 460.1612 Cycle billing.
- R 460.1613 Billing information.
- R 460.1614 Discounts and late payment charges.
- R 460.1615 Delivery and payment of bills.
- R 460.1616 Billing for unregulated service.
- R 460.1617 Billing errors

PART 6. CUSTOMER RELATIONS AND UTILITY PROCEDURES

- R 460.1618 Selection of rate, customer information, and service.
- R 460.1619 Inspection
- R 460.1620 Customer access to consumption data.
- R 460.1621 Servicing utility equipment on customer's premises.
- R 460.1622 Customer complaints; investigation; records.
- R 460.1623 Records and reports.

PART 7. SHUTOFFS AND RESTORATION

- R 460.1624 Notice of shutoff.
- R 460.1625 Denial or shutoff of service to customers.
- R 460.1626 Manner of shutoff for service provided with remote shutoff and restoration capability.

PART 8. DISPUTED CLAIMS, HEARINGS AND SETTLEMENT AGREEMENTS

- R 460.1628 Disputed claim
- R 460.1629 Settlement agreement.
- R 460.1630 Default of settlement agreement.
- R 460.1631 Informal hearing and hearing officers.
- R 460.1632 Notice of hearing.
- R 460.1633 Hearing procedures.
- R 460.1634 Informal appeal procedures.
- R 460.1635 Interim determination.

(Continued on Sheet No. B-8.00)

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BILLING PRACTICES APPLICABLE TO NON-RESIDENTIAL ELECTRIC AND GAS CUSTOMERS
(R 460.1601 – 460.1640)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364_2014-037LR_AdminCode.pdf

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R 460.1636 Appeal review.

R 460.1637 Shutoff pending decision.

R 460.1638 Informal appeal decision.

R 460.1639 Failure to comply with informal appeal decision.

R 460.1640 Scope of rules.

B4. ELECTRIC SUPPLY AND COMMUNICATONS LINES AND ASSOCIATED EQUIPMENT (R 460.811 – 460.814)

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

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.

B5. ELECTRIC INTERCONNECTION AND NET METERING STANDARDS (R 460.601 – 460.656)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/825_10791_AdminCode.pdf

PART 1. GENERAL PROVISIONS

R 460.601 Definitions.

R 460.602 Adoption of standard 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 460.624 Insurance

R 460.426 Disconnection

R 460.628 Easements and Right of Ways

(Continued on Sheet No. B-9.00)

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ELECTRIC INTERCONNECTION AND NET METERING STANDARDS (R 460.601 – 460.656)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/825_10791_AdminCode.pdf

(Cont'd)

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 460.658 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

B6. SERVICE QUALITY AND RELIABILITY STANDARDS FOR ELECTRIC DISTRIBUTION SYSTEMS
(R 460.701 – 460.752)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/826_10792_AdminCode.pdf

PART 1. GENERAL PROVISIONS

- R 460.701 Application of rules.
- R 460.702 Definitions.
- R 460.703 Revision of tariff provisions.

PART 2. UNACCEPTABLE LEVELS OF PERFORMANCE

- R 460.721 Duty to plan to avoid unacceptable levels of performance.
- R 460.722 Unacceptable levels of performance during service interruptions.
- R 460.723 Wire down relief requests.
- R 460.724 Unacceptable service quality levels of performance.

PART 3. RECORDS AND REPORTS

- R 460.731 Deadline for filing annual reports.
- R 460.732 Annual report contents.
- R 460.733 Availability of records.
- R 460.734 Retention of records.

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SERVICE QUALITY AND RELIABILITY STANDARDS FOR ELECTRIC DISTRIBUTION SYSTEMS
(R 460.701 – 460.752)

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PART 4. FINANCIAL INCENTIVES AND PENALTIES

R 460.741 Approval of incentives by the Commission.

R 460.742 Criteria for receipt of an incentive.

R 460.743 Disqualification.

R 460.744 Penalty for failure to restore service after an interruption due to catastrophic conditions.

R 460.745 Penalty for failure to restore service during normal conditions.

R 460.746 Penalty for repetitive interruptions of the same circuit.

R 460.747 Multiple billing credits allowed.

R 460.748 Effect in other proceedings.

PART 5. WAIVERS AND EXCEPTIONS

R 460.751 Waivers and exceptions by electric utilities.

R 460.752 Proceedings for waivers and exceptions.

B7. UNDERGROUND ELECTRIC LINES (R 460.511 – 460.519)

http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/824_10790_AdminCode.pdf

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 date

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B8. UNCOLLECTIBLES ALLOWANCE RECOVERY FUND (R 460.2601 - 460.2625) RESCINDED
http://w3.lara.state.mi.us/orrsearch/108_09_AdminCode.pdf

PART 1. GENERAL PROVISIONS

R 460.2601 Application of rules.
R 460.2602 Definitions.

PART 2. UNCOLLECTIBLES ALLOWANCE RECOVERY FUND

R 460.2621 Uncollectibles allowance recovery fund.
R 460.2622 Annual deposits.
R 460.2623 Notice of deposit.
R 460.2624 Disputes; procedure for resolution.
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ADDITIONAL ADMINISTRATIVE RULES

B9. PRACTICE AND PROCEDURE BEFORE THE COMMISSION (R 460.17101 - 460.17701)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1742_2017-066LR_AdminCode.pdf

B10. FILING PROCEDURES FOR ELECTRIC, WATER, STEAM AND GAS UTILITIES (R 460.2011 –
460.2031)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/832_10798_AdminCode.pdf

B11. RESIDENTIAL CONSERVATION PROGRAM STANDARDS (R 460.2401 – 460.2414)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/835_10801_AdminCode.pdf

B12. PRESERVATION OF RECORDS OF ELECTRIC, GAS AND WATER UTILITIES (R 460.2501 -
460.2582)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1679_2017-003LR_AdminCode.pdf

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- B13. UNIFORM SYSTEM OF ACCOUNTS FOR MAJOR AND NONMAJOR ELECTRIC UTILITIES
(R 460.9001-.460.9109)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/840_10806_AdminCode.pdf
- B14. RATE CASE FILING REQUIREMENTS FOR MAJOR ELECTRIC UTILITIES
http://www.michigan.gov/documents/mpsc/U-4771_05-10-1976_586636_7.PDF
- B15. RULES AND REGULATIONS GOVERNING ANIMAL CONTACT CURRENT MITIGATION
(R 460.2701 – 460.2707)
http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/838_10804_AdminCode.pdf

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SECTION C
COMPANY TERMS AND CONDITIONS OF STANDARD SERVICE

1. APPLICATION

These Terms and Conditions of Standard Service apply to service under the Company's tariffs that provide for Power Supply (generation and transmission), and Delivery (distribution) service. Customers requesting only distribution service from the Company, irrespective of the voltage level at which service is taken, as provided for in the Customer Choice and Electricity Reliability Act, shall be served under the Company's tariffs and the Terms and Conditions of Open Access Distribution Service.

Standard Service furnished by the Company is subject to the terms and conditions of the applicable tariffs and Terms and Conditions of Standard Service which are at all times subject to revision, change, modification, or cancellation by the Company, subject to the approval of the Michigan Public Service Commission, and which are, by reference, made a part of all standard contracts (both oral and written) for Standard Service. Failure of the Company to enforce any of the terms of these tariffs and Terms and Conditions of Standard Service shall not be deemed a waiver of its right to do so.

A copy of all tariffs and Terms and Conditions of Standard Service is on file with the Michigan Public Service Commission and may be inspected by the public in any of the Company's business offices. Upon request, the Company will supply, free of charge, a copy of the rate schedules applicable to service available to existing customers or new applicants for service. When more than one rate schedule is available for the service requested, the customer shall designate the rate schedule on which the application or contract shall be based. Where applicable the customer may change from one rate schedule to another once at the end of each full 12-month period or as specified by tariff or contract, upon written application to the Company. In no case will the Company refund any difference in charges between the rate schedule under which service was supplied in prior periods and the newly selected rate schedule.

A written agreement may be required from each customer before service will be commenced. A copy of the agreement will be furnished to the customer upon request.

By receiving service under a specific tariff, the customer has agreed to all terms and conditions of that tariff. A customer's refusal or inability to sign a contract or agreement as specified by the tariff, in no way relinquishes the customer's obligations as specified in the tariff.

When the customer desires delivery of energy at more than one point, a separate agreement will be required for each separate point of delivery. Service delivered at each point of delivery will be billed separately under the applicable tariff. Conjunctive billing and/or aggregate demands are prohibited. Under certain circumstances the Company may have provided two services to fulfill the customer's lighting and power requirements at a single location and the metering for the two services have been combined for billing. Existing such arrangements are explicitly grandfathered until an account change occurs. Once an account change occurs, combined billing of grandfathered multiple meters

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would end. Each point of delivery would then require a separate agreement for each separate point of delivery. For new service/accounts, multiple metering is permitted only for Company convenience

2. BILLS FOR STANDARD ELECTRIC SERVICE

A. General

Bills for electric service will be rendered monthly at intervals of approximately 30 days in accordance with the tariff selected applicable to the customer's service. All bills are rendered as "net" bills and are subject to a late payment charge if the account is delinquent. Late payment charges will be assessed on Residential bills in accordance with Rule 460.122 and on Commercial and Industrial bills in accordance with Rule 460.1614. A late payment charge shall not be assessed against any residential customers who are participating in the winter protection plan as described in Rule 460.148 and Rule 460.149 of the Consumer Standards and Billing Practices for Residential Customers. Any governmental agency shall be allowed such additional period of time for payment of the net bill as the agency's normal fiscal operations require, not to exceed 30 days.

It may be necessary for the Company to render a bill on an estimated basis if extreme weather conditions, emergencies, work stoppage, or other circumstances of force majeure prevent actual meter readings. Pursuant to Rule 460.113, any bill rendered on an estimated basis shall be clearly and conspicuously identified. In the event of the stoppage of or the failure of any meter to register an accurate amount of energy consumed, as described in Rule 460.116, the customer will be charged or credited for such period on an estimated consumption based upon energy use during a similar period of like use. Meter errors shall be reconciled in accordance with Rule 460.3309. This estimation shall include adjustments for changes in customer's load during the period the meter was not registering properly. As stated in Rule 460.116 (2), any meter in service that remains broken as determined by a specific test of the meter or that does not correctly register customer usage for a period of 6 months or more shall be removed and customers will not be required to pay bills generated from these meter readings beyond the 6-month period from the date the meter malfunction occurred. This rule does not alter the provisions of Rule 460.3613 governing the testing and replacement of electric meters.

A bill shall be mailed, transmitted, or delivered to the customer not less than 21 days before the due date. Failure to receive a bill properly mailed, transmitted, or delivered by Company does not extend the due date. Upon request the Company will advise the customer of the approximate date on which the bill will be mailed each month, and if the bill is lost, the Company will issue a duplicate.

B. Non-residential

Billing errors for non-residential accounts shall be rectified as described in Rule 460.1617. If a customer has been overcharged, the utility shall refund or credit the amount of the paid overcharge to the customer. Overcharges shall be credited to customers with 7% interest,

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commencing on the 60th day following payment. The Company is not required to adjust, refund, or credit an overcharge beyond the 3-year period immediately preceding discovery of the billing error, unless the customer is able to present a record establishing an earlier date of occurrence or commencement of the error.

In cases of unauthorized use of utility service the customer may be back billed for the amount of the undercharge. The back bill may include interest at the same 7% interest rate applied to overcharges.

In cases not involving unauthorized use of utility service, the customer may be back billed for the amount of the undercharge during the 12-month period immediately preceding discovery of the error. The Company shall offer the customer at least the same number of months for repayment equal to the time of the error. The back bill shall not include interest.

C. Residential

Billing errors for residential accounts shall be rectified as described in Rule 460.126. If a customer has been overcharged due to a billing error, the Company shall refund or credit the amount of the paid overcharge plus 7% APR interest on the bill immediately following the discovery of the error. Upon customer request, overcharges greater than \$10 shall be refunded within 30 days. The Company is not required to adjust, refund, or credit an overcharge plus 7% APR interest for more than the 3 years immediately preceding discovery of the billing error, unless the customer is able to establish an earlier date for commencement of the error. The interest on the overcharge shall be applied on the 60th day following the paid overcharge.

If the Company undercharges a customer, the following provisions apply:

In cases that involve unauthorized use of utility service the utility may back bill the customer for the amount of the undercharge using the commission-approved process for estimating the bill. The utility may charge fees for unauthorized use of utility service in accordance with commission-approved tariffs.

In cases that do not involve unauthorized use of utility service, the utility may back bill the customer for the amount of the undercharge during the 12-month period immediately preceding discovery of the error, and the utility shall offer the customer reasonable payment arrangements for the amount of the back bill, which shall allow the customer to make installment payments over a period at least as long as the period of the undercharge. The utility shall take into account the customer's financial circumstances when setting payment amounts.

D. Budget Bill Payment Options

In addition to paying the actual monthly bill amount, Residential customers using electric service with a satisfactory payment history shall have the option of paying bills under one of the Company's two budget billing plans – the Equal Payment Plan (EPP) or the Average Monthly Payment Plan (AMPP), both of which are described below.

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Under the Equal Payment Plan (EPP), the total service for the succeeding 12-month period is estimated in advance and bills are rendered monthly on the basis of one-twelfth of the 12-month estimate. The Company may at any time during the 12-month period adjust the estimate so made, and the bills rendered in accordance with such estimate, to conform more nearly with the actual use of service being experienced.

In case the actual service used during any equal payment period exceeds the bills as rendered on the EPP, the amount of such excess shall be paid on or before the due date of the bill covering the last month of the equal payment period in which such excess appears. Such excess may be added to the estimated use for the next normal equal payment period of 12 months and shall be payable in equal monthly payments over such period, except that if the customer discontinues service with the Company under the EPP, any such excess not yet paid shall become payable immediately. In case the actual service used during the equal payment period is less than the amount paid under the EPP during such period, as specified in R460.118, if a customer has a credit balance of more than \$10.00 at the end of the period, upon the request of the customer, the utility shall either return the credit balance or credit it to the next month's bill. If the balance is less than \$10.00, the utility shall credit the amount to the customer's account.

If a customer fails to pay bills as rendered on the EPP, the Company shall have the right to withdraw the EPP with respect to such customer and restore the customer to billing as provided for in the applicable tariffs, in addition to any other rights which the Company may have under such tariffs in case of arrearage in payment of bills. If a customer requests removal from the EPP, the amount of any excess payments made under the EPP will be applied as a credit on the next month's bill. Likewise, if there is a deficiency in payments, the amount of deficiency will be added to next month's bill.

Under the Average Monthly Payment Plan (AMPP), variations in customer billings are minimized by allowing the customer to pay an average amount each month based on the current month's billing plus the eleven (11) preceding months, divided by the total billing days associated with those billings to get a per day average. The average daily amount will be multiplied by thirty (30) days to determine the current month's payment under the AMPP. At the next billing period, the oldest month's billing history is dropped, the current month's billing is added and the average is recalculated to find a new payment amount. The average is recalculated each month in this manner.

In such cases where sufficient billing history is not available, an AMPP account may be established allowing the first month's amount due to be the average based on the actual billing for the month. The second month's amount due will be the average based on the first and second billing. The average will be recomputed each month using the available actual history throughout the first AMPP year.

Actual billing will continue to be based on the applicable rate and meter readings obtained to determine consumption. The difference between actual billings and the averaged billings under the AMPP will be carried in a deferred balance that will accumulate both debit and credit differences for the duration of the AMPP year – twelve (12) consecutive months. At the end of the AMPP year (anniversary month), the net accumulated deferred balance is divided by twelve (12) and the result is included in the average payment amount starting with the first billing of the new

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AMPP year and continuing for twelve (12) consecutive months. Settlement occurs only when participation in the plan ends.

If a customer fails to pay bills as rendered on the AMPP, the Company shall have the right to withdraw the AMPP with respect to such customer and restore the customer to billing as provided for in the applicable tariffs, in addition to any other rights the Company may have under such tariffs in case of arrearage in payment of bills. If a customer requests removal from the AMPP, the amount of any overpayment made under the AMPP will be applied as a credit on the next month's bill. Likewise, any amount of under payment will be applied as a charge to the next month's bill.

3. INSPECTION

It is to the interest of the customer to properly install and maintain customer-owned wiring and electrical equipment, and the customer shall at all times be responsible for the character and condition thereof. The Company makes no inspection thereof and in no event shall be responsible therefore.

Where a customer's premises are located in a municipality or other governmental subdivision where inspection laws or ordinances are in effect, the Company may withhold furnishing service to new installations or disconnected existing installations until it has received evidence that the inspection laws or ordinances have been complied with. In addition, if such municipality or other governmental subdivision shall determine that such inspection laws or ordinances are no longer being complied with in respect to an existing installation, the Company may suspend the furnishing of service thereto until it has received evidence of compliance with such laws or ordinances.

Before furnishing service, Company shall require a certificate or notice of approval from a duly recognized authority stating that customer's wiring has been installed in accordance with local and state requirements.

No responsibility shall attach to the Company because of any waiver of these requirements.

4. SERVICE CONNECTIONS

The Company will, when requested to furnish service, designate the location of its service connection. The customer's wiring must, except for those cases listed below, be brought outside the building wall nearest the Company's service wires so as to be readily accessible thereto. When service is from an overhead system, the customer's wiring must extend a distance beyond the building as established by local codes and Company standards. Where customers install service entrance facilities as specified by the Company and/or install and use certain utilization equipment as specified by the Company, the Company may provide or offer to own certain facilities beyond the point where the Company's service wires attach to the building.

The Company reserves the right to make final determination of selection, application, location, routing and design of its service facilities and meter location. If the customer requests special routing of the service facilities and or meter location, the customer will be required to pay the extra cost, if any, resulting from the special routing of service facilities and or meter location.

All customers' wiring must be grounded in accordance with the requirements of the National Electrical Code or the requirements of any local inspection service authorized by a state or local authority.

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When a customer desires that energy be delivered at a point or in a manner other than that designated by the Company, the customer shall pay the additional cost of same, including any and all required engineering studies.

When a customer requests additional engineering studies beyond the normal overhead and/or underground options providing an adequate plan of service, as designated by the Company, for a new or relocated service, the Company shall charge the customer, payable in advance, for actual cost incurred by the Company to conduct such studies. Normal engineering studies include any obvious options such as overhead and underground installations.

Where service is supplied from an underground distribution system which has been installed at the Company's expense, the customer shall make arrangements with the Company for the Company to supply and install a continuous run of cable conductors including necessary ducts from the manhole or connection box to the meter location where it is necessary that the location of the meter be inside the customer's building. The customer shall reimburse Company for the cost of the portion of cable and duct from the property line to the terminus of cable inside the building.

5. LOCATION AND MAINTENANCE OF COMPANY'S EQUIPMENT

The Company shall have the rights to construct its poles, lines, and circuits on the property, and to place its transformers and other apparatus on the property or within the buildings of the customer, at a point or points convenient for the purpose, as required to serve the customer. The customer shall keep company equipment clear from obstruction and obstacles including landscaping, structures, etc., and provide suitable space for the installation, repair and maintenance of necessary measuring instruments so that the instruments may be protected from injury by the elements or through negligence or deliberate acts of the customer or any other person who is not an agent or employee of the Company.

When Company facilities are damaged due to customer actions or negligence, the Customer shall be responsible for the costs of repairs.

6. RELOCATION OF COMPANY'S FACILITIES AT CUSTOMER'S REQUEST

Whenever, at customer's request, the Company's facilities are relocated solely to suit the convenience of customer, the customer shall reimburse the Company for the entire cost incurred in making such change including any and all required engineering studies.

7. COMPANY'S LIABILITY

The Company will use reasonable diligence in furnishing a regular and uninterrupted supply of energy, but does not guarantee uninterrupted service. The Company shall not be liable for damages in case such supply should be interrupted or fail by reason of an act of God, the public enemy, accidents, labor disputes, or orders or acts of civil authority. Further, the Company shall not be liable for damages in case such supply should be interrupted due to causes or conditions beyond the Company's reasonable control, including extraordinary repairs, breakdowns or injury to machinery, transmission lines, distribution lines, or other facilities of the Company. Further, the Company shall not be liable for damages for interrupting service to any customer, whenever in the judgment of the Company such interruption is necessary in order to prevent or limit any instability or disturbance on the electric system of

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the Company or any electric system interconnected with the Company, such interruptive action to be taken in accordance with predetermined plan and only in situations that threaten massive curtailments of service on the Company's system.

Unless otherwise provided in a contract between Company and customer, the point at which service is delivered by Company to customer, to be known as "delivery point," shall be the point at which the customer's facilities are connected to the Company's facilities. The metering device is the property of the Company; however, the meter base and all internal parts inside the meter base are customer owned and are the responsibility of the customer to install and maintain. The Company shall not be liable for any loss, injury, or damage resulting from the customer's use of customer-owned equipment or occasioned by the energy furnished by the Company beyond the delivery point.

The customer shall provide and maintain suitable protective devices on the customer's equipment to prevent any loss, injury, or damage that might result from single-phasing conditions or any other fluctuation or irregularity in the supply of energy. The Company shall not be liable for any loss, injury, or damage resulting from a single-phasing condition or any other fluctuation or irregularity in the supply of energy that could have been prevented by the use of such protective devices. . The Company shall not be liable for any damages, whether direct or consequential, including, without limitations, loss of profits, loss of revenue, or loss of production capacity occasioned by interruptions, fluctuations or irregularity in the supply of energy.

The Company is not responsible for loss or damage to customer's property caused by the disconnection or reconnection of service to the customer's facilities. The Company is not responsible for loss or damages to customer's property caused by the theft or destruction of Company facilities by a third party.

The Company will provide and maintain the necessary line or service connections, transformers (when the same are required by conditions of contract between the parties thereto), meters, and other apparatus that may be required for the proper measurement of and protection to its service. All such apparatus shall be and remain the property of the Company.

8. CUSTOMER'S LIABILITY

In the event of loss or injury to the property of the Company through misuse by, or the negligence of, the customer or the employees of the same, the cost of the necessary repairs or replacement thereof shall be paid to the Company by the customer.

The customer shall be responsible and, therefore, shall insure that no one except Company employees or agents of the Company shall make any internal or external adjustments to, or otherwise interfere with, or break the seals of meters or other Company-owned equipment installed on customer's property.

The Company shall have the right to enter, at all reasonable hours, the premises of the customer for the purpose of installing, reading, removing, testing, replacing, or otherwise disposing of its apparatus and property, and the right of entire removal of the Company's property in the event of termination of service for any cause. The customer must keep the immediate area and access area in and around the Company's equipment clean and free of debris.

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9. USE OF ENERGY BY CUSTOMER

The tariffs for electric energy given herein are classified by the character of use of such energy and are not available for service other than as provided herein. Service will not be furnished under any tariff of the Company on file with the Commission to any customer, applicant, or group of applicants desiring service with the intent or for the purpose of reselling any or all of such service. For purposes of this tariff, the provision of electric vehicle charging service for which there is no direct per kWh charge shall not be considered resale of service. It shall be understood that upon the expiration of a contract the customer may elect to renew the contract upon the same or another tariff published by the Company available in the locality in which the customer resides or operates and applicable to the customer's requirements. In no case shall the Company be required to maintain transmission, switching, or transformation equipment (either for voltage or form of current change) different from, or in addition to, that generally furnished to other customers receiving electrical supply under the terms of the tariff elected by the customer.

A customer may not change from one tariff to another during the term of contract except with the consent of the Company or within a reasonable period after a Commission-approved change in tariffs.

The service connections, transformers, meters, and appliances supplied by the Company for each customer have a definite capacity and no additions to the equipment, or load connected thereto, will be allowed except by consent of the Company.

The customer shall install only motors, apparatus, or appliances which are suitable for operation with the character of the service supplied by the Company, which shall not be detrimental to same, and the electric power must not be used in such a manner as to cause unprovided-for voltage fluctuations or disturbances in the Company's transmission or distribution system. The Company shall be the sole judge as to the suitability of apparatus or appliances, and also as to whether the operation of such apparatus or appliances is, or will be, detrimental to its general service.

The customer is responsible to provide any timing equipment and timing control signals to operate time differentiated load.

No attachment of any kind whatsoever may be made to the Company's lines, poles, crossarms, structures, or other facilities without the express written consent of the Company.

All apparatus used by the customer shall be of such type as to secure the highest practicable commercial efficiency, power factor, and the proper balancing of phases. Motors which are frequently started or arranged for automatic control must be of a type to give maximum starting torque with minimum current flow and of a type equipped with controlling devices approved by the Company. The customer agrees to notify the Company of any increase or decrease in the customer's connected load.

The operation of certain electrical equipment can result in disturbances (e.g., voltage fluctuations, harmonics, etc.) on the Company's transmission and distribution systems that can adversely impact the operation of equipment for other customers. Customers are expected to abide by industry standards, such as those contained in ANSI/IEEE 519 or the IEEE/GE voltage flicker criteria, when operating such equipment. The Company may refuse or disconnect service to customers for using

(Continued on Sheet No. C-9.00)

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PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
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DATED APRIL 12, 2108
IN CASE NO. U-18370**

(Continued from Sheet No. C-8.00)

electricity or equipment that adversely affects distribution service to other customers. Copies of the applicable criteria will be provided upon request.

The Company will not supply service to customers who have other on-site sources of electric energy supply except under the tariffs that specifically provide for same.

The customer shall not be permitted to operate the customer's own generating equipment in parallel with the Company's service except on written permission of the Company or under specifically approved tariffs.

The Company may provide service to and take service from certain qualifying facilities defined as cogeneration or small power production facilities. Such sales and purchases are subject to contract and Commission authorization.

10. RESIDENTIAL SERVICE

Individual residences shall be served individually with single-phase service under the appropriate residential tariff. Customer may not take service for three or more separate living units through a single point of delivery under any tariff, irrespective of common ownership of the several residences, except that in the case of an existing apartment house with a number of individual apartments, the landlord shall have the choice of providing separate wiring for each apartment so that the Company may supply each apartment separately under the residential tariff, or of purchasing the entire service through a single meter under the appropriate general service tariff without submetering the service to the apartments. This central metering provision shall not be permitted for new customers.

In a two-family dwelling the owner may, at the owner's option, take service through a single meter under the residential tariff instead of providing separate wiring for both dwelling units. When service is taken through a single meter, the two-family dwelling will be billed as a single-family residence.

The residential tariff shall cease to apply to that portion of a residence which becomes regularly used for business, professional, institutional, or other gainful purposes or which requires three-phase service. Single-phase motors of 10 HP or less may be served under the appropriate residential tariff. Larger single-phase motors may be served where, in the Company's sole judgment, the existing facilities of the Company are adequate.

Under these circumstances, customer shall have the choice of: (1) separating the wiring so that the residential portion of the premises is served through a separate meter under the residential tariff and the other uses as enumerated above are served through a separate meter or meters under the appropriate general service tariff, or (2) taking the entire service under the appropriate general service tariff.

Detached building or buildings actually appurtenant to the residence, such as a garage, stable, or barn, may be served by an extension of the customer's residence wiring through the residence meter.

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11. RESORT SERVICE

Where customers desire electric service for summer homes, summer resort hotels, or other summer resort establishments which are located adjacent to existing distribution lines of the Company and can be served without the extension of primary lines, they shall have the privilege of purchasing all-year service under the applicable all-year tariffs or of purchasing service for less than a full year under the applicable residential or general service tariffs, subject to payment in advance of an amount commensurate with the cost of handling the customer's account, for connection to and disconnection from the Company's lines.

12. EXTENSION OF SERVICE

A. Residential Service

i. Charges

For each permanent, year-round dwelling, the Company will provide a single-phase line extension excluding service drop at no additional charge for a distance of 200 feet. Distribution line extension in excess of the above footage will require an advance deposit of \$3.50 per foot for all such excess footage. There will also be a nonrefundable contribution equal to the cost of right-of-way and clearing on such excess footage. Three-phase extensions, as required to service large developments, will be on the same basis as Commercial and Industrial.

ii. Measurement

The length of any main line distribution feeder extension will be measured along the route of the extension from the Company's nearest facilities from which the extension can be made to the customer's property line. The length of any lateral extension on the customer's property shall be measured from the customer's property line to the service pole. Should the Company for its own reasons choose a longer route; the applicant will not be charged for the additional distance; however, if the customer requests special routing of the line, the customer will be required to pay the extra cost resulting from the special routing.

iii. Refunds

During the five-year period immediately following the date of payment, the Company will make refunds of the charges paid for a financed extension under provisions of paragraph (i) above. The amount of any such refund shall be \$165 for each permanent electric service subsequently connected directly to the facilities financed by the customer. Directly connected include any amount of contribution in aid of construction for underground service made under customers are those that do not require the construction of more than 100 feet of lateral primary distribution line. Such refunds will be made only to the original depositor and will not

(Continued on Sheet No. C-11.00)

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include any amount of contribution in aid of construction for underground service made under the provisions of the Company's underground service policy as set forth in this section. The total refund shall not exceed the refundable portion of the contribution.

B. Commercial or Industrial Service

i. Company Financed Extensions

Except for contributions in aid of construction for underground service made under the provisions of Item 13, C of these rules, the Company will finance the construction cost necessary to extend its facilities to serve commercial or industrial customers when such investment does not exceed two times the annual capacity power supply and delivery charge revenue anticipated to be collected from customers initially served by the extension.

ii. Charges

When the estimated cost of construction of such facilities exceeds the Company's maximum initial investment as defined in paragraph (i), the applicant shall be required to make a deposit in the entire amount of such excess construction costs. Owners or developers of mobile home parks shall be required to deposit the entire amount of the estimated cost of construction, subject to the refund provisions of paragraph (iii).

iii. Refunds

That portion of the deposit related to the difference in the cost of underground construction and the equivalent overhead facilities shall be considered nonrefundable. This amount shall be determined under the applicable provisions of the Company's underground service policy as set forth in this section.

The Company will make refunds on remaining amounts of deposits collected under the provisions of paragraph (ii) above in cases where actual experience shows that the capacity power supply and delivery charge revenues supplied by the customer are sufficient to warrant a greater initial investment by the Company. Such refunds shall be computed as follows:

(1) Original Customer

At the end of the first complete 12-month period immediately following the date of initial service, the Company will compute a revised revenue credit based on two times the actual capacity power supply and delivery charge revenue provided by the original customer in the 12-month period. Any amount by which twice the actual annual capacity power supply and delivery charge revenue exceeds the Company's initial revenue estimate will be made available for refund to the customer; no such refund shall exceed the amount deposited under provisions of paragraph (ii) above.

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- (2) Refunds for additional new customers directly connected to the financed extension during the refund period will be governed by Section 12, A, iii.

iv. Loads of Uncertain Duration

When, in the opinion of the Company, the permanence and continuance of the customer's load is questionable, the Company may require the applicant to make an advance deposit for line construction or service to cover the Company's costs of extending its electric lines and furnishing and installing necessary transformation, metering and protective equipment to supply electricity to the customer's premises. The advance deposit with the Company will be made up of two components (1) the estimated cost of constructing the facilities to serve the customer, including labor, material, stores freight and handling expenses, and a charge for overhead, plus (2) the estimated cost of removing said facilities and returning the materials to the Company storeroom, minus the estimated value of salvaged materials to be returned to storeroom at the end of the electrical service.

Any customer making an advance deposit under this section is eligible for a rebate of the monies advanced under (1) of the preceding paragraph, beginning with the first full billing month for full operation of the customer's facility and ending with the 24th consecutive month thereafter. The rebate will be 40% of the monthly electric service paid by the customer. The total amount of all rebates shall not exceed the amount of the monies advanced under (1) of the preceding paragraph. In addition, following the continuous use of electric service for twenty-four (24) months, any monies held by the Company will be promptly refunded to the customer. The Company, at its discretion, may accept a letter of credit or performance bond, payable to the Company, in lieu of an advance deposit.

C. General

The Company will extend its lines to serve domestic customers and farm customers for year-round service under applicable tariffs subject to the following conditions:

- i. Extensions hereunder shall be built by the Company in accordance with its construction standards and shall be single phase unless the Company elects to build polyphase lines.
- ii. In those cases where it is not feasible or practicable to construct lines on public rights-of-way and it is necessary to secure rights-of-way on private property or tree trimming permits, the applicant or applicants shall secure the same without cost to the Company, or assist the Company, in obtaining such rights-of-way on private property or tree trimming permits before construction

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shall commence. The Company shall be under no obligation to construct lines in event the necessary rights-of-way or tree-trimming permits cannot be so obtained.

13. UNDERGROUND ELECTRIC LINES

A. General

In case of all direct burial underground extensions of electric distribution facilities as covered by conditions as set forth in this Section 13, the real estate developer or customer shall make a nonrefundable contribution in aid of construction to the Company in an amount equal to the estimated difference in cost between overhead and direct burial underground facilities. "Distribution facilities" means those operated at 20,000 volts or less to ground for wye connected systems and 20,000 volts or less for delta connected systems. Charges in this Section 13 are in addition to any charges that may be required in Section 12 for equivalent overhead facilities.

B. Residential

i. In Subdivisions

(1) Distribution Facilities

The distribution system in a new residential subdivision and an existing residential subdivision in which electric distribution facilities have not already been constructed shall be placed underground, except that a lot facing a previously existing street or county road and having an existing overhead distribution line on its side of the street or county road shall be served with an underground service from these facilities and shall be considered a part of the underground service area.

The owner or developer of such shall be required to make a nonrefundable contribution in aid of construction to the Company, for direct burial underground distribution facilities, in an amount equal to the sum of the lot front-foot measurement multiplied by \$ 4.50, which amount shall be considered to be the difference in cost between overhead and direct burial underground distribution facilities.

The front-foot measurement of each lot to be served by a residential underground distribution system shall be made along the contour of the front lot line. The front lot line is that line which usually borders on or is adjacent to a street.

However, when streets border on more than one side of a lot, the shortest dimension shall be used. In case of a curved lot line that borders on a street or streets and represents at least two sides of the lot, the front-foot measurements shall be considered as one-half the total measurement of the curved lot line. Where a lot is served by an underground service

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from an overhead distribution line, the lot front-foot measurement shall be deleted. The construction provided for in the \$ 4.50 per lot front-foot contribution in aid of construction includes the extension of electric underground distribution facilities to the lot line of each lot in the subdivision.

The use of the lot front-foot measurement in these rules shall not be construed to require that the underground electric distribution facilities be placed on the front of the lot.

(2) Service Facilities

The Company shall install, own, and maintain the service line from the property line to the customer's meter. For normal installation of the service line, the developer or customer shall make a nonrefundable contribution in aid of construction to the Company in an amount equal to \$6.00 per trench foot.

ii. Outside of Subdivisions

(1) Distribution Facilities

The customer located outside of subdivisions shall be required to make a nonrefundable contribution in aid of construction to the Company in an amount equal to the estimated total difference in cost between overhead and underground construction costs.

(2) Service Facilities

For normal installation of the service line, the customer shall make a nonrefundable contribution in aid of construction to the Company in an amount equal to \$6.00 per trench foot.

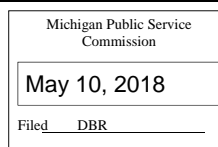
iii. Mobile Home Parks, Condominiums and Apartment House Complexes

The distribution and service facilities for new and existing mobile home parks, condominiums, and apartment house complexes in which electric facilities have not already been constructed shall be placed underground.

The owner or developer of such mobile home parks, condominiums, and apartment house complexes shall be required to make a nonrefundable contribution in aid of construction to the Company for distribution facilities in an amount equal to \$4.50 per trench foot and service facilities in an amount equal to \$12.25 per trench foot and \$11.25 per kVA for transformers (installed). Owners or developers of mobile home parks shall be required to deposit the entire amount of the estimated cost of construction, subject to the refund provisions of Section 12 B (iii).

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C. Commercial and Industrial

Commercial distribution and service lines in the vicinity of the customer's property and constructed solely to serve a customer or group of adjacent customers shall be placed underground. This will specifically include, but not be limited to, service to shopping centers.

Industrial distribution and service lines shall be placed underground at the option of the customer.

The developer or customer shall be required to make a nonrefundable contribution in aid of construction to the Company for the following facilities which amount shall be considered to be the difference in cost between overhead and direct burial underground facilities:

- i. Distribution facilities - Single-phase - \$4.50 per trench foot.
 Three-phase - \$3.00 per trench foot.
- ii. Transformers - Single-phase - \$8.00 per kVA (installed).
 Three-phase - \$12.50 per kVA (installed).
- iii. Service, as this term is generally understood in the electric utility field, (on customer's property) - Single-phase - \$8.00 per trench foot.
 Three-phase - \$12.50per trench foot.

D. Special Conditions

Where practical difficulties exist, such as water conditions, rock near the surface, or where there are requirements for deviation from the Company's construction standards such as directional boring, the per foot charges in B and C will not apply, and the contribution in aid of construction will be equal to the estimated difference in cost between overhead and underground facilities but not less than the charge calculated under B and C.

An additional amount of \$1 per foot shall be added to the trenching charges for the practical difficulties associated with winter construction in the period from December 15 to March 31, inclusive. This charge will not apply to jobs that are ready for construction and for which the construction meeting has been held prior to November 1.

E. Replacement of Existing Overhead Electric Facilities

Existing overhead residential, commercial, and industrial electric distribution and service lines shall be replaced with underground facilities at the option of the affected customer or customers. Before construction is started, the customer shall be required to pay the Company the depreciated cost (net cost) of the existing overhead facilities plus the cost of removal less the salvage value thereof and, also, make a nonrefundable contribution in aid of construction in an amount equal to the estimated difference in cost between new underground and new overhead facilities including, but not limited to, the costs of breaking and repairing streets, walks, parking lots, and driveways, repairing lawns, and replacing grass, shrubs, and flowers.

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14. TEMPORARY SERVICE.

Temporary service is electric service that is required during the construction phase of a project and/or electric service that is provided to new customers for a period not to exceed 12 months except in cases of large construction projects and the customer has notified the Company of the need to extend this timeframe. Such service is available only upon approval of the Company. In order to qualify for temporary service, the customer must demonstrate to the Company's satisfaction that the requested service will, in fact, be temporary in nature.

Temporary service for residential construction will be supplied using Tariff R.S. Temporary service for general service construction will be supplied under the appropriate published general service tariff applicable to the class of business of the customer. Temporary service will be supplied when the Company has available unsold capacity of lines, transformers, and generating equipment. The customer will be charged a minimum temporary service installation charge, payable in advance, based on the Company's actual cost to install and remove, less salvage, the required facilities to provide the temporary service. In no case shall revenue credits apply to cover costs associated with temporary service. The Company reserves the right to require a written contract for temporary service, at its option.

15 DENIAL OR DISCONTINUANCE OF SERVICE

Pursuant to Rules 460.136, 460.137, and 460.1625, the Company reserves the right to shutoff service to any customer without notice, in case of an emergency or to prevent fraud upon the Company. Additional shutoff of service rules applicable to nonresidential service are set forth in the MPSC Rules in Part 7 of the Billing Practices Applicable to Non-Residential Electric and Gas Customers, as referenced herein, and are set forth, as applicable, to residential service in Part 8 of the Consumer Standards and Billing Practices for Electric and Gas Residential Service, as referenced herein.

Any shutoff of service shall not terminate the contract between the Company and the customer nor shall it abrogate any minimum charge that may be effective.

The Company may disconnect service without request by the customer and with proper notification in writing of at least 14 days when:

- (a) The customer does not provide adequate access to the meter during normal business hours or denies access to other Company equipment; or
- (b) The customer does not provide adequate safe clearance in front of and around metering and associated equipment; or
- (c) The customer does not allow safe egress and regress across the customer's property to access metering and other Company equipment; or
- (d) The meter is located in an inaccessible location such as a basement, fenced area, porch, etc., and the customer denies the Company reasonable access; or
- (e) The customer's equipment falls into disrepair due to aging or abuse and needs to be replaced due to eminent safety considerations; or
- (f) The meter installation does not fall under commonly acceptable installation practices or where conditions at the customer's site change, causing the meter installation to no longer meet acceptable installation guidelines.

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The Company may disconnect service without request by the customer and without prior notice only:

- (a) If a condition dangerous or hazardous to life, physical safety, or property exists; or
- (b) Upon order by any court, the Commission or other duly authorized Public Authority; or
- (c) If fraudulent or unauthorized use of electricity is detected and the Company has reasonable grounds to believe the affected customer is responsible for such use; or
- (d) If the Company's regulating or measuring equipment has been tampered with and the Company has reasonable grounds to believe that the affected customer is responsible for such tampering.

16. SPECIAL SERVICE CHARGES.

The following schedule reflects the amounts to be charged for the special services stipulated. The Company will endeavor to comply with customer requested work subject to a minimum of three days prior notification and / or manpower availability.

SCHEDULE OF CHARGES	AMOUNT
1. Reconnect during regular business hours.	\$62.50
2. Reconnect during workday overtime hours and all day Saturday.	\$80.00
3. Reconnect on Sundays or holidays.	\$156.25
4. Trip charge where Company employees are sent to customer premises to specifically notify the customer that bill payment is due.	\$29.00
5. Disconnect trips where notification is left for the customer at the premises because of access or other issue , or the customer signs a Company form agreeing to make payment by the end of business the same day and no disconnect is made.	\$34.25
6. Reconnect when disconnect is required to be made from a vault, manhole, or service box.	\$585.75
7. Reconnect when disconnect is required to be made at pole during regular business hours.	\$78.00
8. Reconnect when disconnect is required to be made at pole during workday overtime hours and all day Saturday.	\$117.00
9. Reconnect when disconnect is required to be made at pole on Sunday or holidays.	\$203.00
10. Trip charge for no-power service call when the customer's facilities are clearly at fault or for scheduled work and customer is not ready and the customer was advised of the charge.	\$34.25
11. Meter test or change when charge is permitted in accordance with the provision of MPSC Consumer Standards and Billing Practice Rules.	\$31.25
12. Customer's check returned for nonsufficient funds.	\$18.75

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(Continued from Sheet No. C-17.00)

17. AUTOMATED METER INFRASTRUCTURE (AMI) METER OPT OUT TARIFF PROVISION
(RESIDENTIAL ONLY)

N

Customers served on residential tariffs RS, RS-TOD, RS-OPES/PEV, RS-TOD2, and RS-SC have the option to choose to retain or receive an Automated Meter Reading (AMR) meter.

In order for a customer to be eligible to receive an AMR meter, the customer shall have no documented instances, within the past 24 months, of known unauthorized use, theft, or fraud. Further, the customer will have zero instances of threats of violence toward Company employees or its agents.

Customers selecting an AMR meter shall pay the following charges per premise:

I&M Michigan Residential Customer AMI Opt Out Charges

Up Front Charge:	\$81.30	A one-time charge per meter, when the request is received after the AMI meter is installed
Monthly Charge:	\$16.40	Per month at each premise

Customers electing this provision will not be able to access the benefits of having an AMI meter. All charges and provisions of the customer's applicable tariff shall apply.

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18. MISCELLANEOUS CUSTOMER CHARGES

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When the Company detects that its regulating, measuring equipment, or other facilities have been tampered with or when fraudulent or unauthorized use of electricity has occurred, a rebuttable presumption arises that the customer or other user has benefited by such fraudulent or unauthorized use of such tampering. Therefore, that customer or other user is responsible for payment of the reasonable cost of the service used during the period such fraudulent or unauthorized use or tampering occurred or is reasonably assumed to have occurred and is responsible for the cost of field calls and the cost of making repairs necessitated by such use and/or tampering, plus a charge of \$50 per occurrence. Under such circumstances the Company will institute the procedures outlined in the Consumer Standards and Billing Practice Rules.

19. CUSTOMER OWNED EQUIPMENT TROUBLESHOOTING.

T

When requested by the customer to investigate any problems with customer owned equipment that is connected to the Company's system, such as a generator, transformer, or other unique customer-owned facilities, the Company will conduct investigations at no charge to the customer. Company will make all reasonable attempts to resolve any problems when the Company is found to be at fault. If the customer owned equipment is found to be at fault, the Company may at the customer's request, and upon mutual agreement, continue troubleshooting the problem if the customer consents to paying for all additional charges which shall be based on actual labor and material incurred.

(Continued on Sheet No. C-19.00)

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WITH THE BILLING MONTH OF NOVEMBER 2018

ISSUED UNDER AUTHORITY OF THE
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DATED OCTOBER 24, 2018
IN CASE NO. U-20137

(Continued from Sheet No. C-18.00)

20 VOLTAGES

The standard nominal distribution service voltages within the service area of the Company are:

Secondary		Primary	
Single Phase	Three Phase	Single Phase	Three Phase
120/240 Volts	120/208 Volts	2400 Volts**	4160/2400 Volts**
120/208 Volts	120/240 Volts*	7200 Volts	12470/7200 Volts
480 Volts	277/480 Volts	19950 Volts	34500/19950 Volts
	480 Volts*		
* Not available when supplied from 34500/19950 primary distribution systems.			
** Limited to existing 4160/2400 volt distribution systems or from a dedicated subtransmission or transmission station.			

The standard subtransmission and transmission service voltages within the service area of the Company are:

Subtransmission	Transmission
Three Phase	Three Phase
34.5 kV	138 kV
69 kV	345 kV
	765 kV

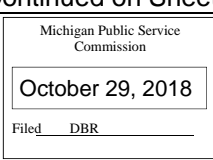
Voltages listed above are not available at all locations. The Company must be consulted regarding their availability at any particular location.

21. TAX ADJUSTMENT AND FRANCHISE FEES

Bills to customers receiving service within the limits of political subdivisions which levy special license fees, franchise fees or any other such fee against the Company or its operation or the production or sale of electric energy shall be increased by a uniform per meter surcharge calculated on an annual basis to offset such special fee or any new or increased special fee, thereby preventing other customers from being compelled to share such local fees.

(Continued on Sheet No. C-20.00)

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(Continued from Sheet No. C-19.00)

22. DATA PRIVACY POLICY

Definition of Data Privacy Policy Terms

A. Types of Data:

- a. **"Customer Data"** means any combination of Personal Data, Customer Account Information, and Consumption Data.
 - i. **"Personal Data"** means information collected or known by the Company that merit special protection including the standard types of personal identification information used to establish an account. Personal Data is limited to name and address in conjunction with birth date, telephone number, electronic mail address, Social Security Number, financial account numbers, driver's license number, credit reporting information, bankruptcy or probate information, health information, network, or Internet protocol address.
 - ii. **"Consumption Data"** means customer specific electric usage data, or weather adjusted data, including but not limited to kW, kWh, voltage, var, power factor, and other information that is recorded by the electric meter for the Company and stored in its systems. Consumption Data also includes payment and service history, account number, and amount billed.
 - iii. **"Customer Account Information"** means personally identifiable information including Personal Data and Consumption Data. Customer Account Information also includes information received by the Company from the customer for purposes of participating in regulated utility programs, including, but not limited to bill pay assistance, shutoff protection, renewable energy, demand-side management, load management, or energy efficiency.
- b. **"Aggregated Data"** means any Customer Data the Company assembles and compiles into an aggregated data set from multiple individuals, residences, tenants or commercial buildings.
- c. **"Anonymized Data"** means any Customer Data, from which all identifying information has been removed so that the individual data or information of a customer cannot be associated with that customer without extraordinary effort.
- d. **"Weather Adjusted Data"** means electric consumption data for a given period that has been normalized using stated period's heating or cooling degree days.

B. **"Contractor"** means an entity or person performing a function or service under contract with or on behalf of the Company, including customer service, demand response, energy efficiency programs, payment assistance, payroll services, bill collection, or other functions related to providing electric service.

C. **"Customer"** means an account holder (at least 18 years old or an emancipated minor), corporation, municipality or other government agency, which has agreed, orally or otherwise, to pay for electric service from the Company.

(Continued on Sheet No. C-21.00)

ISSUED OCTOBER 26, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

Michigan Public Service Commission
October 29, 2018
Filed DBR

EFFECTIVE FOR BILLS RENDERED BEGINNING WITH
THE BILLING MONTH OF NOVEMBER 2018

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 24, 2018
IN CASE NO. U-18485

(Continued from Sheet No. C-20.00)

- D. **"Informed Customer Consent"** means, in the case where consent is required: (1) the Customer is provided with a clear statement of the data or information to be collected and allowable uses of that data or information by the party seeking consent; (2) the frequency of data or information release and the duration of time for which the consent is valid; and (3) process by which the Customer may revoke consent. In no case shall silence by the Customer ever be construed to mean express or implied consent to a request by the Company, or its Contractors. Customer consent shall be provided directly from the Customer and documented in writing, subject to forms and processes as defined by the Company.
- E. **"Primary Purpose"** means the collection, use, or disclosure of information collected by the Company or supplied by the Customer in order to: (1) provide, bill, or collect for, regulated electric service; (2) provide for system, grid, or operational needs; (3) provide services as required by state or federal law or as specifically authorized by an order of the Commission; (4) plan, implement, or evaluate programs, products or services related to energy assistance, demand response, energy management, energy efficiency, or renewable energy by the Company or under contract with the Company, under contract with the Commission, or as part of a Commission-authorized program conducted by an entity under the supervision of the Commission, or pursuant to state or federal statutes governing energy assistance; and (5) disclosure of customer name and address to a provider of appliance repair services in compliance with MCL 460.10a(9)(a), or to otherwise comply with the Code of Conduct.
- F. **"Secondary Purpose"** means any purpose that is not a Primary Purpose.
- G. **"Standard Usage Information"** means the usage data that is made generally available by the Company to all similarly situated Customers on a regular basis, delivered by the Company on the Company's website through a data portal, email or by US Mail.
- H. **"Third-party"** means a person or entity that has no contractual relationship with the Company to perform services or act on behalf of the Company.
- I. **"Written Consent"** means a signed form with the customer's signature received by the Company through mail, facsimile, or email. A customer may also digitally sign a form that is transmitted to the Company.

General Company Data Privacy Policy

The Company shall collect and manage Customer Data in providing utility service to its Customers. The Company shall take appropriate measures to protect this data in its possession against loss, theft, and unauthorized access. The Company shall not release Customer Data to Third Parties without Informed Customer Consent, with exception of those customers availing themselves to social service agencies. The Company may provide Customer Data to its Contractors; however, the Contractor must be contractually bound to maintain the confidentiality of the individual customer energy usage/billing data.

(Continued on Sheet No. C-22.00)

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EFFECTIVE FOR BILLS RENDERED BEGINNING WITH
THE BILLING MONTH OF NOVEMBER 2018

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 24, 2018
IN CASE NO. U-18485

(Continued from Sheet No. C-21.00)

Collection and Use of Customer Data

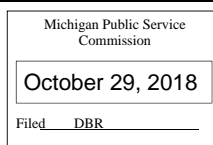
1. The Company or its Contractor collects Customer Data as necessary to accomplish Primary Purposes.
2. The Company may collect and use Customer Data for Primary Purposes without Informed Customer Consent.
3. Informed Customer Consent is necessary before use or disclosure of Customer Account Information, Consumption Data, and Personal Data for Secondary Purposes.
4. The Company will not sell Customer Data unless the Company receives Informed Customer Consent or Commission consent, except in connection with sales of certain aged account receivables to collection firms for purposes of removing this liability from Company accounts.
5. The Customer may request that Consumption Data specific to the Customer be released to the Customer or a Third Party of the Customer's choice. Such requests may be made by calling the Company's Customer Operations Center at 1-800-311-6424 or by requesting such online at the Company's website www.indianamichiganpower.com. The Customer calling with the request must be listed on the Customer's account and be able to authenticate their identity.
6. The Company shall not release Customer Data to Third Parties without Informed Customer Consent. A written consent form can be obtained by calling the Company's Customer Operations Center, accessing the Company's website or following this [LINK](#). Once completed by the Customer, the written consent form can be submitted to the Company's Customer Service personnel by email at inforelease@aep.com, fax at 1-800-281-3916 or U.S. mail. The written consent form will be activated for use by the Company on the first business day following receipt of the form. Once the Company receives Informed Customer Consent from the Customer, the Company is not responsible for loss, theft, alteration, or misuse of the data by Third Parties or Customers after the information has been transferred to the Customer or the Customer's designated Third Party.

Disclosure without Informed Customer Consent

1. The Company shall disclose Customer Data when required by law or Commission rules. This includes law enforcement requests supported by warrants or court orders, and judicially enforceable subpoenas. The provision of such information will be reasonably limited to the amount authorized by law or reasonably necessary to fulfill a request compelled by law.
2. The Company may disclose Customer Data in the context of a business transaction such as an asset sale or merger to the extent permitted by law.
3. Written Consent is not required for the Company's disclosure of a customer list to a program or service provider of an unregulated value-added program or service in accordance with MCL § 460.10ee.

(Continued on Sheet No. C-23.00)

ISSUED OCTOBER 26, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA



EFFECTIVE FOR BILLS RENDERED BEGINNING WITH
THE BILLING MONTH OF NOVEMBER 2018

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 24, 2018
IN CASE NO. U-18485

(Continued from Sheet No. C-22.00)

4. Written Consent is not required for the Company's disclosure of Aggregated or Anonymized Data.

Disclosure to Contractors

1. The Company shares Customer Data with the Company's Contractors working on behalf of the Company for Primary Purposes only, without obtaining Informed Customer Consent.
2. Contracts between the Company and its Contractors specify that all Contractors are held to the same confidentiality and privacy standards as the Company, its employees, and its operations. These contracts also prohibit Contractors from using any information supplied by the Company for any purpose not defined in the applicable contract.
3. The Company requires its Contractors who maintain Customer Data to implement and maintain reasonable data security procedures and practices appropriate to the private nature of the information received. These data security procedures and practices shall be designed to protect the Customer Data from unauthorized access, destruction, use, modification, or disclosure. The data security procedures and practices adopted by the Contractor shall meet or exceed the data privacy and security policies and procedures used by the Company to protect Customer Data.

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**EFFECTIVE FOR BILLS RENDERED BEGINNING WITH
THE BILLING MONTH OF NOVEMBER 2018**

**ISSUED UNDER AUTHORITY OF THE
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DATED OCTOBER 24, 2018
IN CASE NO. U-18485**

SECTION D

STANDARD SERVICE AND OPEN ACCESS DISTRIBUTION SERVICE TARIFFS

INDIANA MICHIGAN POWER COMPANY

**SCHEDULE OF TARIFFS
GOVERNING THE SALE OF ELECTRICITY
IN THE COMPANY'S SERVICE AREA**

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed <u>DBR</u>

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS
(Residential Electric Service)**

Availability of Service

Available for residential electric service through one meter to individual residential customers including rural residential customers engaged principally in agricultural pursuits.

Monthly Rate (Tariff Codes 015, 016 and 820)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	7.25	7.25
Energy Charge (¢ per kWh)	2.983	6.600	2.927	12.51

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders

Low Income Service Charge Provision

Available to customers who qualify for Tariff RS that have a household income not to exceed 150 % of the poverty level, as published by the United States Department of Health and Human Services or who receive any of the following:

- (a) Assistance from a state emergency relief program.
- (b) Food stamps.
- (c) Medicaid.

The Company reserves the right to verify eligibility. This provision is not available for alternate or seasonal homes. This provision is subject to the service charge as stated below.

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Low Income Service Charge	--	--	3.63	3.63

(Continued on Sheet No. D-3.00)

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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS
(Residential Electric Service)**

(Continued From Sheet No. D-2.00)

Storage Water-Heating Provision

This provision is closed except for the present installation of current customers receiving service hereunder at premises served prior to May 1, 1997.

If the customer installs a Company-approved storage water-heating system that consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

Tariff Code

- 012 (a) For Minimum Capacity of 80 gallons, the last 300 kWh of use in any month shall be billed at the Storage Water-Heating Energy Charge.
- 013 (b) For Minimum Capacity of 100 gallons, the last 400 kWh of use in any month shall be billed at the Storage Water-Heating Energy Charge.
- 014 (c) For Minimum Capacity of 120 gallons or greater, the last 500 kWh of use in any month shall be billed at the Storage Water-Heating Energy Charge.

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Storage Water-Heating Energy Charge (¢ per kWh)	-0-	6.574	2.930	9.504

The above rates are available to Standard Service customers only.

These provisions, however, shall in no event apply to the first 200 kWh used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purposes of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

The Company reserves the right to inspect at all reasonable times the storage water-heating system and devices which qualify the residence for service under the Storage Water-Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgement the availability conditions of this tariff are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge as stated in the above monthly rate and all applicable riders.

(Continued on Sheet No. D-4.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS
(Residential Electric Service)**

(Continued From Sheet No. D-3.00)

Load Management Water-Heating Provision (Tariff Code 011)

This provision is closed except for the present installations of current customers receiving service at premises served prior to January 1, 2002.

For residential customers who install a Company-approved load management water-heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 kWh of use in any month shall be billed at the Load Management Water-Heating Energy Charge.

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Load Management Water-Heating Energy Charge (¢ per kWh)	-0-	6.574	2.930	9.504

The above rates are available to Standard Service customers only.

This provision, however, shall in no event apply to the first 200 kWh used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

The Company reserves the right to inspect at all reasonable times the load management water-heating system(s) and devices which qualify the residence for service under the Load Management Water-Heating Provision. If the Company finds that in its sole judgement the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge as stated in the monthly rate and all applicable riders.

Space-Heating Provision

When service is supplied to a residence that has permanently installed electric-heating equipment as the primary source of space heating, all kWh used during the billing months of November through May (exclusive of storage or load management water-heating kWh) shall be billed at the Space-Heating Energy Charge.

~	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Space-Heating Energy Charge (¢ per kWh)	2.587	6.600	2.927	12.114

The above rates are available to Standard Service customers only.

This provision is subject to the Service Charge as stated in the above monthly rate and all applicable riders.

(Continued on Sheet No. D-5.00)

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FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS
(Residential Electric Service)**

(Continued From Sheet No. D-4.00)

Delayed Payment Charge

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in Rule 460.122 of the MPSC Rules. The due date shall be 21 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

Special Terms And Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

This tariff is available for single-phase service only. Where three-phase power service is required and/or where motors or heating equipment are used for commercial or industrial purposes, the applicable power tariff will apply to such power service.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed DBR

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-TOD
(Residential Time-of-Day Service)**

Availability of Service

Available for residential electric service through one single-phase, multi-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers, including residential customers engaged principally in agricultural pursuits, who take Standard Service from the Company.

Monthly Rate (Tariff Code 030)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	9.15	9.15
Energy Charge (¢ per kWh):				
For all on-peak kWh used	5.344	6.574	2.930	14.848
For all off-peak kWh used	-0-	6.574	2.930	9.504

For the purpose of this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

Minimum Charge

This tariff is subject to a minimum charge equal to the monthly service charge and all applicable riders.

Delayed Payment Charge

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in Rule 460-122 of the MPSC rules. The due date shall be 21 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

(Continued on Sheet No. D-7.00)

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PRESIDENT
FORT WAYNE, INDIANA**

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Filed <u> </u> DBR <u> </u>

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-TOD
(Residential Time-of-Day Service)**

(Continued From Sheet No. D-6.00)

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Item 1, 9, and/or 12 of the Terms and Conditions of Standard Service.

Special Terms And Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

This tariff is available for single-phase service only. Where three-phase power service is required and/or where motors or heating equipment are used for commercial or industrial purposes, the applicable power tariff will apply to such power service.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed DBR _____

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-OPES
(Residential Off-Peak Energy Storage)**

Availability of Service

Available to customers eligible for Tariff RS (Residential Service) who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space-heating equipment and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, who take Standard Service from the Company.

Households eligible to be served under this Tariff shall be metered through one single-phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods.

Monthly Rate (Tariff Code 032)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	9.15	9.15
Energy Charge (¢ per kWh):				
For all on-peak kWh used	5.344	6.574	2.930	14.848
For all off-peak kWh used	-0-	6.574	2.930	9.504

For the purpose of this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

Thermal Storage Equipment Conservation and Load Management Credit

For the combination of an approved electrical thermal storage space-heating system and water heater, both of which are designed to consume electrical energy only during the off-peak billing period as previously described in this tariff, each residence will receive a generation credit of 0.00¢ for all off-peak kWh used, for a total of 60 monthly billing periods following the installation and use of these devices in such residence.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

Separate Metering Provision

Customers shall have the option of receiving service under Tariff RS for their general-use load by separately wiring this equipment to a standard residential meter.

Delayed Payment Charge

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in Rule 460-122 of the MPSC rules. The due date shall be 21 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

(Continued on Sheet No. D-9.00)

**ISSUED NOVEMBER 13, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
November 13, 2018
Filed _____ DBR

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF DECEMBER 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 8, 2018
IN CASE NO. U-20282**

**TARIFF RS-OPES
(Residential Off-Peak Energy Storage)**

(Continued from Sheet No. D-8.00)

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service.

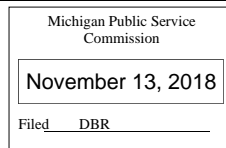
Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

The Company reserves the right to inspect at all reasonable times the energy storage and load management devices which qualify the residence for service, for conservation and load management credits, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgement the availability conditions of this tariff are being violated, it may discontinue billing the customer under this tariff and commence billing under the appropriate Residential Service Tariff.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED NOVEMBER 13, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF DECEMBER 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 8, 2018
IN CASE NO. U-20282**

**TARIFF RS-PEV
(Residential Plug-In Electric Vehicle)**

Availability of Service

Available to customers eligible for Tariff RS (Residential Service) who use Plug-In Electric Vehicles (PEV) and take Standard Service from the Company.

The customer can select from three billing options, all of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held as confidential and the data presented in any analysis will protect the identity of the individual customer.

Monthly Rate

Option 1 – Whole Residence Time-of-Day (Tariff Code 057): All household usage shall be metered through one single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods. A second informational meter will be installed that is capable of separately identifying PEV usage. All kWh usage (both PEV and non-PEV) will be billed at the following Monthly Rates which are the same as Tariff RS-TOD Monthly Rates.

Option 2 – Separately Metered PEV Time-of-Day (Tariff Code 058): An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates which are the same as Tariff RS-TOD Monthly Rates and all other kWh usage will be billed at Tariff RS Monthly Rates.

Option 1 and Option 2 Rates	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	9.15	9.15
Energy Charge (¢ per kWh): For all on-peak kWh used	5.344	6.574	2.930	14.848
For all off-peak kWh used	-0-	6.574	2.930	9.504

Option 3 – Submetered PEV Time-of-Day (Tariff Code 059): A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage. Total residence usage will be billed at Tariff RS Monthly Rates. For all on-peak and off-peak PEV kWh usage an additional Power Supply Capacity charge or credit will apply as follows:

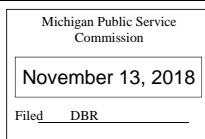
Option 3 Charge/Credit	Power Supply Capacity
Additional PEV Energy Charge (¢ per kWh): For all on-peak PEV kWh used	2.338
For all off-peak PEV kWh used	(3.006)

For the purpose of all options under this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

For the first 250 customers that select either Option 1 or Option 3, above, there will be no charge for the second informational meter under Option 1 or the additional submeter under Option 3. For all customers after the first 250 customers, an additional service charge of \$2.75 per month shall apply.

(Continued on Sheet No. D-9.20)

**ISSUED NOVEMBER 13, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF DECEMBER 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 8, 2018
IN CASE NO. U-20282**

**TARIFF RS-PEV
(Residential Plug-In Electric Vehicle)**

(Continued from Sheet No. D-9.10)

Experimental Electrical Vehicle Supply Equipment (EVSE) Option

The first 250 customers opting to obtain service under this tariff for the purpose of charging plug-in electric vehicles registered and operable on public highways in the State of Michigan may choose to have the Company reimburse up to \$2,500 toward the purchase of Company approved Electric Vehicle Supply Equipment. EVSE is defined as the charging station including conductors, the ungrounded, grounded, and equipment grounding conductors, the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of delivering electric energy from the premises wiring to the plug-in electric vehicle (if not otherwise provided) and installation costs of a separately metered circuit. All installations shall be performed by a Company approved contractor and must conform to Company specifications. Customers choosing service under the EVSE Option must execute a contract with Company that specifies the terms and conditions of the agreement including proof of purchase of a qualifying PEV.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

Delayed Payment Charge

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in Rule 460-122 of the MPSC rules. The due date shall be 21 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

The Company reserves the right to inspect at all reasonable times the devices which qualify the residence for service and for EVSE Option reimbursements under this tariff. If the Company finds that in its sole judgement the availability conditions of this tariff are being violated, it may discontinue billing the customer under this tariff and commence billing under the appropriate Residential Service Tariff.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED NOVEMBER 13, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
November 13, 2018
Filed DBR _____

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF DECEMBER 2018**
**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 8, 2018
IN CASE NO. U-20282**

**TARIFF R.S. – TOD2
(Residential Time-of-Day Service)**

Availability of Service.

Available for residential electric service through one single-phase, multi-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers, including residential customers engaged principally in agricultural pursuits, who take Standard Service from the Company. Availability is restricted to the first 300 customers applying for service under this tariff.

Monthly Rate (Tariff Codes 021)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	9.15	9.15
Energy Charge (¢ per kWh):				
High Cost Hours (P2)	10.282	6.573	2.927	19.782
Low Cost Hours (P1)	2.379	6.573	2.927	11.879

Billing Hours.

Months	Low Cost Hours (P1)	High Cost Hours (P2)
Approximate Percent(%) of Annual Hours	95%	5%
October through April	All Hours	None
May through September	Midnight to 2 PM, 6 PM to Midnight	2 PM to 6 PM

NOTES: All times indicated above are local time.
All kWh consumed during weekends are billed at the low cost (P1) level.

Delayed Payment Charge

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in Rule 460-122 of the MPSC rules. The due date shall be 21 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

(Continued on Sheet No. D-11.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF R.S. – TOD2
(Residential Time-of-Day Service)**

(Continued from Sheet No. D-10.00)

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service.

Special Terms And Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

This tariff is available for single-phase service only. Where three-phase power service is required and/or where motors or heating equipment are used for commercial or industrial purposes, the applicable power tariff will apply to such power service.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-SC
(Optional Residential Senior Citizen)**

Availability of Service

Available to qualified customers desiring service for residential uses which include only those purposes which are usual in individual private family dwellings or separately metered apartments and in the usual appurtenant buildings served through the residential meter who take Standard Service from the Company. This rate is not available for commercial or industrial service, for resale purposes, or for alternate residence. To qualify for this rate, the customer must be 65 years of age and head of the household.

The optional rate is not available for an alternate or seasonal home and the customer shall contract to remain on this rate for at least 12 months.

Monthly Rate (Tariff Codes 023)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	3.63	3.63
Energy Charge (¢ per kWh):				
For the first 300 kWh used per month	-0-	6.574	3.292	9.866
For the next 600 kWh used per month	2.587	6.600	3.289	12.476
For all kWh over 900 used per month	14.308	6.678	3.280	24.266

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

Storage Water-Heating Provision

This provision is closed except for the present installation of current customers receiving service hereunder at premises served prior to May 1, 1997.

If the customer installs a Company-approved storage water-heating system that consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

(Continued on Sheet No.D-13.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
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FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-SC
(Optional Residential Senior Citizen)**

(Continued From Sheet No. D-12.00)

<u>Tariff Code</u>	
024	For Minimum Capacity of 80 gallons, the last 300 kWh of use in any month shall be billed at the Storage Water-Heating Energy Charge.
025	For Minimum Capacity of 100 gallons, the last 400 kWh of use in any month shall be billed at the Storage Water-Heating Energy Charge.
026	(c) For Minimum Capacity of 120 gallons or greater, the last 500 kWh of use in any month shall be billed at the Storage Water-Heating Energy Charge.

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Storage Water-Heating Energy Charge (¢ per kWh)	-0-	6.574	2.930	9.504

These provisions, however, shall in no event apply to the first 200 kWh used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purposes of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

The Company reserves the right to inspect at all reasonable times the storage water-heating system and devices which qualify the residence for service under the Storage Water-Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgement the availability conditions of this tariff are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge as stated in the above monthly rate and all applicable riders.

Load Management Water-Heating Provision (Tariff Code 027)

This provision is closed except for the present installations of current customers receiving service at premises served prior to January 1, 2002.

(Continued on Sheet No. D-14.00)

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FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-SC
(Optional Residential Senior Citizen)**

(Continued From Sheet No. D-13.00)

For residential customers who install a Company-approved load management water-heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 kWh of use in any month shall be billed at the Load Management Water-Heating Energy Charge.

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Load Management Water-Heating Energy Charge (¢ per kWh)	-0-	6.574	2.930	9.504

This provision, however, shall in no event apply to the first 200 kWh used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

The Company reserves the right to inspect at all reasonable times the load management water-heating system(s) and devices which qualify the residence for service under the Load Management Water-Heating Provision. If the Company finds that in its sole judgement the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge as stated in the above monthly rate and all applicable riders.

Delayed Payment Charge

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in Rule 460-122 of the MPSC rules. The due date shall be 21 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

(Continued on Sheet No. D-15.00)

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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF RS-SC
(Optional Residential Senior Citizen)**

(Continued From Sheet No. D-14.00)

Term of Contract

Contracts under this tariff will be made for a minimum of 12 months.

Special Terms And Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

This tariff is available for single-phase service only. Where three-phase power service is required and/or where motors or heating equipment are used for commercial or industrial purposes, the applicable power tariff will apply to such power service.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF GS
 (General Service)**

Availability of Service

Available for general service customers. Customers may continue to qualify for service under this tariff until their 12-month average metered demands exceeds 1,500 kW.

Monthly Rate

Tariff Codes	Voltage	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
215, 218 & 840	Secondary				
	Service Charge (\$)			6.25	6.25
	Customers w/o Demand Meter	--	--	17.45	17.45
	Customers with Demand Meter	--	--		
	Demands Greater Than 10 kW (\$ per kW)	1.23	2.05	6.53	9.81
	First 4,500 kWh (¢ per kWh)	3.136	5.508	2.362	11.006
	Over 4,500 kWh	2.649	6.921	-0-	9.570
217 & 841	Primary				
	Service Charge (\$)	--	--	165.00	165.00
	Demands Greater than 10 kW (\$ per kW)	1.20	2.00	3.72	6.92
	First 4,500 kWh (¢ per kWh)	3.041	5.336	2.288	10.665
	Over 4,500 kWh (¢ per kWh)	2.569	6.705	-0-	9.274
236 & 842	Subtransmission				
	Service Charge (\$)	--	--	165.00	165.00
	Demands Greater Than 10 kW (\$ per kW)	1.17	1.96	-0-	3.13
	First 4,500 kWh (¢ per kWh)	2.989	5.250	2.251	10.490
	Over 4,500 kWh (¢ per kWh)	2.528	6.597	-0-	9.125

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Minimum Charge

Bills computed under the above rate are subject to the operation of minimum charge provisions as follows:

- (a) Minimum Charge - For demand accounts up to 100 kW - the service charge and all applicable riders.
- For demand accounts over 100 kW - the sum of the service charge, the product of the demand charge and the monthly billing demand, and all applicable riders.

(Continued on Sheet No. D-17.00)

**ISSUED MAY 9, 2018
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
 AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2016
 IN CASE NO. U-18370**

**TARIFF GS
(General Service)**

(Continued From Sheet No. D-16.00)

Metered Voltage

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss-compensating equipment, the use of formulas to calculate losses, or the application of multipliers to the metered quantities. In such cases, the metered kWh and kW values will be adjusted for billing purposes. If the Company elects to adjust kWh and kW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in kW shall be taken each month as the single highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator. Where energy is presently delivered through two meters, the billing demand shall be taken as the sum of the two demands separately determined.

The minimum monthly billing demand established hereunder shall not be less than 60% of the greater of (a) the customer's contract capacity in excess of 100 kW or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 kW.

The minimum monthly billing demand shall not be less than 25% of the greater of (a) the customer's contract capacity in excess of 100 kW or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 kW during the billing months of May through November for customers with more than 50% of their connected load used for space heating purposes.

The Metered Voltage adjustment, as set forth above, shall not apply to the customer's minimum monthly billing demand.

Billing demands shall be rounded to the nearest whole kW and will be applied to monthly demands in excess of 10 kW. The Company will install a demand meter on any customer receiving service under this tariff with an average kWh usage of 4,500 or greater and at the Company option for customers with average kWh of less than 4,500.

(Continued on Sheet No. D-18.00)

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PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF GS
(General Service)**

(Continued From Sheet No. D-17.00)

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614, of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

Service under this tariff will be for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this tariff. A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

A new initial period will not be required for existing customers who increase their requirements after the original initial period unless new or additional facilities are required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, and Terms and Conditions of Open Access Distribution Service, as applicable.

This tariff is also available to Standard Service customers having other sources of energy supply, but who desire to purchase standby or backup electric service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in kW, which the Company might be required to furnish, but not less than 10 kW.

(Continued on Sheet No. D-19.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF GS
(General Service)**

(Continued From Sheet No. D-18.00)

The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

Standard Service customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD Customers with cogeneration, small power production facilities, or other on-site sources of electric energy designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

Load Management Time-of-Day Provision

Available to Standard Service customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space-heating furnaces and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and take Standard Service from the Company.

Customers shall have the option of receiving service under Tariff GS for their general-use load by separately wiring this equipment to a standard meter.

The customer shall be responsible for all local facilities required to take service under this provision.

Monthly Rate (Tariff Code 223)

Voltage	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Secondary				
Service Charge (\$)				
Customers w/o Demand Meter	--	--	7.45	7.45
Customers with Demand Meter	--	--	17.65	17.65
Energy Charge (¢ per kWh):				
For all on-peak kWh used	5.117	6.922	2.547	14.586
For all off-peak kWh used	-0-	6.922	2.547	9.469

The above rates are available to Standard Service customers only.

For the purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

This provision is subject to the terms and conditions of Tariff GS including all applicable riders.

(Continued on Sheet No. D-20.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF GS
 (General Service)**

(Continued From Sheet No. D-19.00)

Optional Unmetered Service Provision

Available to customers who qualify for Tariff GS, use the Company's service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards. This service will be furnished at the option of the Company.

Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract. In the event one customer has several accounts for like service, the Company may meter one account to determine the appropriate kilowatt-hour usage applicable for each of the accounts.

The customer shall furnish switching equipment satisfactory to the Company. The customer shall notify the Company in advance of every change in connected load or change in operation and the Company reserves the right to inspect the customer's equipment at any time to verify the actual energy consumption. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively on the basis of the increased load as provided in the MPSC Consumer Standards and Billing Practice Rules .

Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation.

Monthly Rate (Tariff Codes 214, 204 and 831)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	5.00	5.00
Energy Charge (¢ per kWh): For all kWh used per month	3.136	5.508	2.362	11.006

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
 Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

This provision is subject to the terms and conditions of Tariff GS including all applicable riders.

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 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
 AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

**TARIFF GS-TOD
(General Service - Time-of-Day)**

Availability of Service

Available for general service customers with 12-month average metered demands not greater than 150 kW who take Standard Service from the Company. Availability is limited to secondary service. This tariff is closed to customers with 12-month average metered demands greater than 150 kW except for current Tariff MGS-TOD customers in the former Three Rivers Rate Area receiving service as of November 29, 2010.

Monthly Rate (Tariff Code 229)

Voltage	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Secondary				
Service Charge (\$)				
Customers w/o Demand Meter	--	--	7.45	7.45
Customers with Demand Meter	--	--	17.65	17.65
Energy Charge (¢ per kWh):				
For all on-peak kWh used	5.117	6.922	2.547	14.586
For all off-peak kWh used	-0-	6.922	2.547	9.469

For the purpose of this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

Metered Voltage

The rates set forth in this tariff are based upon the delivery and measurement of energy at the secondary voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss-compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered kWh values will be adjusted for billing purposes. If the Company elects to adjust kWh based on multipliers, the adjustment shall be 0.98 when measurements are taken at the high-side of a Company-owned transformer.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614, of the MPSC rules. The due date shall be 22 days following the date of transmittal.

(Continued on Sheet No. D-22.00)

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IN CASE NO. U-18370**

**TARIFF GS-TOD
(General Service - Time-of-Day)**

(Continued From Sheet No. D-21.00)

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed DBR _____

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

TARIFF G.S. – TOD2
(General Service Time-of-Day 2 Service)

Availability of Service.

Available for general service to customers with 12-month average metered demands of less than 10 kW through one single-phase, multi-register meter capable of measuring electrical energy consumption during variable pricing periods who take Standard Service from the Company. Availability is restricted to the first 50 customers applying for service under this tariff.

Rate. (Tariff Code: 221)

	Power Supply		<u>Delivery</u>	<u>Total</u>
	<u>Capacity</u>	<u>Non-Capacity</u>		
Service Charge (\$)				
Customers w/o Demand Meter	--	--	7.45	7.45
Customers with Demand Meter			17.65	17.65
Energy Charge (¢ per kWh):				
High Cost Hours (P2)	8.854	6.915	2.686	18.455
Low Cost Hours (P1)	2.635	6.915	2.686	12.236

Billing Hours.

Months	Low Cost Hours (P1)	High Cost Hours (P2)
Approximate Percent (%) Of Annual Hours	95%	5%
October through April	All Hours	None
May through September	Midnight to 2 PM, 6 PM to Midnight	2 PM to 6 PM

NOTES: All times indicated above are local time.
 All kWh consumed during weekends are billed at the low cost (P1) level.

Minimum Charge.

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

(Continued on Sheet No. D-24.00)

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**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
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 IN CASE NO. U-18370**

**TARIFF G.S. – TOD2
(General Service Time-of-Day 2 Service)**

(Continued from Sheet No. D-23.00)

Delayed Payment Charge.

A delayed payment charge of 2% of the unpaid balance shall be added to any delinquent bill as set forth in the MPSC Consumer Standards and Billing Practice Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF LGS
 (Large General Service)**

Availability of Service

Available for general service customers with metered demands greater than 100 kW. Customers may continue to qualify for service under this tariff until their 12-month average metered demand exceeds 1,500 kW.

Monthly Rate

Tariff Codes	Voltage	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
240, 242 & 850	Secondary				
	Service Charge (\$)	--	--	44.00	44.00
	Demand Charge (\$ per kW)	3.40	6.32	7.60	17.32
	Energy Charge (¢ per kWh):				
	For all on-peak kWh used	3.491	4.702	--	8.193
	For all off-peak kWh used	--	4.702	--	4.702
244 & 851	Primary				
	Service Charge (\$)	--	--	207.00	207.00
	Demand Charge (\$ per kW)	3.31	6.16	4.74	14.21
	Energy Charge (¢ per kWh):				
	For all on-peak kWh used	3.379	4.555	--	7.934
	For all off-peak kWh used	--	4.555	--	4.555
248 & 852	Subtransmission				
	Service Charge (\$)	--	--	207.00	207.00
	Demand Charge (\$ per kW)	3.26	6.05	--	9.31
	Energy Charge (¢ per kWh):				
	For all on-peak kWh used	3.326	4.482	--	7.808
	For all off-peak kWh used	--	4.482	--	4.482

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

For the purpose of this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the sum of the service charge, the product of the demand charge and the monthly billing demand, and all applicable riders. The power factor clause shall not operate to change the monthly minimum charge.

(Continued on Sheet No. D-26.00)

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 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

**TARIFF LGS
(Large General Service)**

(Continued From Sheet No. D-25.00)

Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in kW shall be taken each month as the single highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator, subject to the off-peak hour provision.

Where energy is presently delivered through two meters, the billing demand will be taken as the sum of the two demands separately determined.

The minimum monthly billing demand established hereunder shall not be less than 60% of the greater of (a) the customer's contract capacity, or (b) the customer's highest previously established monthly billing demand during the past 11 months, or (c) 100 kW.

The minimum monthly billing demand shall not be less than 25% of the greater of (a) the customer's contract capacity, or (b) the customer's highest previously established monthly billing demand during the past 11 months, or (c) 100 kW during the billing months of May through November for customers with more than 50% of their connected load used for space-heating purposes.

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

Billing demands shall be rounded to the nearest whole kW.

Off-Peak Hour Provision – Applicable to Standard Service customers only.

Demand created during the off-peak billing period shall be disregarded for billing purposes provided that the billing demand shall not be less than 60% of the maximum demand created during the billing month.

Availability of this provision is subject to the availability of capacity in the Company's existing facilities.

Adjustments to Rate

Bills computed under the rate set forth herein will be adjusted as follows:

(Continued on Sheet No. D-27.00)

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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF LGS
(Large General Service)**

(Continued From Sheet No. D-26.00)

A. Power Factor

The rate set forth in this tariff is subject to power factor adjustment based upon the maintenance by the customer of an average monthly power factor of 85%, leading or lagging, as measured by integrating meters. When the average monthly power factor is above or below 85%, leading or lagging, the on-peak and off-peak kWh as metered will, for billing purposes, be multiplied by the constant, rounded to the nearest 0.0001, derived from the following formula:

$$\text{Constant} = 0.9510 + \left[0.1275 \left[\frac{\text{RKVAH}}{\text{KWH}} \right]^2 \right]$$

In no event shall the Constant derived from the above formula be greater than 2.0000.

B. Metered Voltage

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss-compensating equipment, the use of formulas to calculate losses, or the application of multipliers to the metered quantities. In such cases, the metered kWh and kW values will be adjusted for billing purposes. If the Company elects to adjust kWh and kW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614, of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

(Continued on Sheet No. D-28.00)

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**TARIFF LGS
(Large General Service)**

(Continued From Sheet No. D-27.00)

Term of Contract

Service under this tariff will be for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this tariff. A written agreement may, at the Company's option, be required to fulfill the provisions of Items 1, 9, and/or 12 of the Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

A new initial period will not be required for existing customers who increase their requirements after the original initial period unless new or additional facilities are required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

This tariff is also available to customers having other on-site sources of electric energy supply, who purchase standby or backup service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in kW, which the Company might be required to furnish, but not less than 100 kW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

(Continued on Sheet No. D-29.00)

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**TARIFF LGS
(Large General Service)**

(Continued From Sheet No. D-28.00)

contract for the maximum amount of demand in kW, which the Company might be required to furnish, but not less than 100 kW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

Standard Service customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD Customers with cogeneration or small power production facilities designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

Load Management Time-of-Day Provision

Available to Standard Service customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space-heating furnaces and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and take Standard Service from the Company.

Customers shall have the option of receiving service under Tariff LGS for their general-use load by separately wiring this equipment to a standard meter.

The customer shall be responsible for all local facilities required to take service under this provision.

Monthly Rate (Tariff Code 251)

Voltage	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Secondary				
Service Charge (\$)	--	--	44.00	44.00
Energy Charge (¢ per kWh):				
For all on-peak kWh used	4.998	5.927	1.628	12.553
For all off-peak kWh used	--	5.927	1.628	7.555

The above rates are available to Standard Service customers only.

For purpose of this provision, the on-peak and off-peak billing periods are the same as previously described in this tariff.

This provision is subject to the terms and conditions of Tariff LGS including all applicable riders.

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PRESIDENT
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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF LP
(Large Power)**

Availability of Service

Available for general service customers. The customer shall contract for a sufficient capacity to meet normal maximum requirements, but in no case shall the capacity contracted for be less than 1,500 kW.

Monthly Rate

Tariff Codes	Voltage	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
305 & 860	Secondary				
	Service Charge (\$)	--	--	44.00	44.00
	Demand Charge (\$ per kW)	6.85	12.83	7.74	27.42
	Energy Charge (¢ per kWh): For the first 210 on-peak kWh used per kW	2.075	3.255	-	5.330
	For all over 210 on-peak kWh used per kW	--	3.255	-	3.255
	For all off-peak kWh used	--	3.255	-	3.255
Tariff Codes	Voltage	Power Supply		Delivery	Total
306 & 861	Primary				
	Service Charge (\$)	--	--	259.00	259.00
	Demand Charge (\$ per kW)	6.67	12.50	4.88	24.05
	Energy Charge (¢ per kWh): For the first 210 on-peak kWh used per kW	2.010	3.153	--	5.163
	For all over 210 on-peak kWh used per kW	--	3.153	--	3.153
	For all off-peak kWh used	--	3.153	--	3.153
308 & 862	Subtransmission				
	Service Charge (\$)	--	--	880.00	880.00
	Demand Charge (\$ per kW)	6.56	12.29	0.28	19.13
	Energy Charge (¢ per kWh): For the first 210 on-peak kWh used per kW	1.978	3.102	--	5.080
	For all over 210 on-peak kWh used per kW	--	3.102	--	3.102
	For all off-peak kWh used	--	3.102	--	3.102

(Continued on Sheet No. D-31.00)

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**TARIFF LP
(Large Power)**

(Continued From Sheet No. D-30.00)

310 & 863	Transmission				
	Service Charge (\$)	--	--	880.00	880.00
	Demand Charge (\$ per kW)	6.46	12.09	0.17	18.72
	Energy Charge (¢ per kWh):				
	For the first 210 on-peak kWh used per kW	1.953	3.058	--	5.011
	For all over 210 on-peak kWh used per kW	--	3.058	--	3.058
	For all off-peak kWh used	--	3.058	--	3.058

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power and Delivery Charges only are applicable to Open Access Distribution customers.

For the purpose of this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge, plus the product of the demand charge and the monthly billing demand, and all applicable riders. The power factor clause shall not operate to change the monthly minimum charge.

Monthly Billing Demand

The billing demand in kW shall be taken each month as the single highest 15-minute integrated peak in kW, as registered during the month by a demand meter or indicator, subject to off-peak hour provision, but the monthly billing demand so established shall, in no event, be less than 60% of the greater of (a) the customer's contract capacity, (b) the customer's highest previously established monthly billing demand during the past 11 months, or (c) 1,500 kW.

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

Billing demands shall be rounded to the nearest whole kW.

Off-Peak Hour Provision – Applicable to Standard Service customers only.

Demand created during the off-peak billing period shall be disregarded for billing purposes provided that the billing demand shall not be less than 60% of the maximum demand created during the billing month.

Availability of this provision is subject to the availability of capacity in the Company's existing facilities.

(Continued on Sheet No. D-32.00)

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**TARIFF LP
(Large Power)**

(Continued From Sheet No. D-31.00)

Adjustments to Rate

Bills computed under the rate set forth herein will be adjusted as follows:

A. Power Factor

The rates set forth in this tariff are subject to power factor adjustment based upon the maintenance by the customer of an average monthly power factor of 85%, leading or lagging, as measured by integrating meters. When the average monthly power factor is above or below 85%, leading or lagging, the on-peak and off-peak kWh as metered will, for billing purposes, be multiplied by the constant, rounded to the nearest 0.0001, derived from the following formula:

$$\text{Constant} = 0.9510 + \left[0.1275 \left[\frac{\text{RKVAH}}{\text{KWH}} \right]^2 \right]$$

In no event shall the Constant derived from the above formula be greater than 2.0000.

B. Metered Voltage

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss-compensating equipment, the use of formulas to calculate losses, or the application of multipliers to the metered quantities. In such cases, the metered kWh and kW values will be adjusted for billing purposes. If the Company elects to adjust kWh and kW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Furnace Load Provision – Applicable to Standard Service customers only.

A reduced capacity charge, as stated below, shall apply to service for operation of electric furnaces for metal melting or ore reduction, where the demand for such load is separately metered. This provision shall apply only to electric furnace use with combined billing demand of 500 kW or more. The customer must

(Continued on Sheet No. D-33.00)

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**TARIFF LP
(Large Power)**

(Continued From Sheet No. D-32.00)

provide special circuits in order that the Company may install separate metering for the furnace load. All other provisions of Tariff LP shall apply to the furnace load.

Furnace Demand Charge (\$ per kW)	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Secondary	6.26	12.83	7.74	26.83
Primary	6.14	12.50	4.88	23.52
Subtransmission	6.09	12.29	0.28	18.66
Transmission	6.04	12.09	0.17	18.30

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

Contracts under this tariff will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least one year's written notice to the other of the intention to discontinue service under the terms of this tariff.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. Where new facilities are required, the Company reserves the right to require initial contracts for periods of greater than two years.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. D-34.00)

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**TARIFF LP
(Large Power)**

(Continued From Sheet No. D-33.00)

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

A customer's plant is considered as one or more buildings that are served by a single electrical distribution system provided and operated by customer. When the size of the customer's load necessitates the delivery of energy to the customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the customer's system irrespective of contrary provisions in the Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

This tariff is also available to customers having other on-site sources of electric energy supply, who purchase standby or backup electric service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in kW, which the Company might be required to furnish, but not less than 1,500 kW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

Standard Service customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD customers with cogeneration or small power production facilities designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

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**TARIFF MS
(Municipal and School Service)**

This tariff is in the process of elimination and is withdrawn except for the present installations of customers receiving service hereunder at premises serviced prior to October 1, 1976. When new or upgraded facilities are required to maintain service to a Tariff MS customer, the customer shall be removed from Tariff MS and be required to take service under an appropriate general service tariff for which the customer qualifies.

Availability of Service

Available to governmental authorities of municipalities, townships, counties, the State of Michigan, and the United States for the supply of electric energy to public buildings or locations which are supported by public tax levies and to primary and secondary schools .

Monthly Rate (Tariff Codes 543, 544 & 882)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	25.15	25.15
Energy Charge (¢ per kWh): For all kWh equal to the monthly billing demand (kW) times 250 hours of use	2.626	6.105	--	8.731
For all kWh greater than the monthly billing demand (kW) times 250 hours of use	1.582	6.105	-	7.687
Demand Charge (\$ per kW)	--	--	6.03	6.03

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase and/or one polyphase meter. Billing demand in kW shall be taken each month as the single highest 15-minute peak as registered during the month by a 15-minute integrating demand meter or, at the Company's option, as the highest registration of a thermal-type demand meter. Where energy is presently delivered through two meters, the monthly billing demand will be taken as the sum of the two demands separately determined. The minimum billing demand shall be 10 kW.

(Continued on Sheet No.D-36.00)

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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF MS
(Municipal and School Service)**

(Continued From Sheet No. D-35.00)

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

Standard Service customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD customers with cogeneration or small power production facilities designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

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PRESIDENT
FORT WAYNE, INDIANA**

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**TARIFF WSS
 (Water and Sewage Service)**

Availability of Service

Available for the supply of electric energy to waterworks systems and sewage disposal systems.

Monthly Rate

Tariff Codes	Voltage	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
545 & 876	Secondary				
	Service Charge (\$)	--	--	14.00	14.00
	Energy Charge (¢ per kWh)	2.156	5.822	1.350	9.328
546 & 877	Primary				
	Service Charge (\$)	--	--	64.00	64.00
	Energy Charge (¢ per kWh)	2.087	5.640	.405	8.132
542 & 878	Subtransmission				
	Service Charge (\$)	--	--	64.00	64.00
	Energy Charge (¢ per kWh)	2.054	5.549	--	7.603

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
 Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Minimum Charge

This tariff is subject to a minimum monthly charge that is the sum of the service charge, the product of the customer's minimum monthly demand and the demand charge, and all applicable riders. The customer's minimum monthly demand shall be the greater of the customer's contract capacity or the customer's highest previously established monthly demand during the past eleven months.

		Power Supply		Delivery	Total
		Capacity	Non-Capacity		
	Demand Charge (\$ per kW)	--	--	4.39	4.39

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
 Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

(Continued on Sheet No. D-38.00)

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**ISSUED UNDER AUTHORITY OF THE
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 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

**TARIFF WSS
(Water and Sewage Service)**

(Continued From Sheet No. D-37.00)

Metered Voltage

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss-compensating equipment, the use of formulas to calculate losses, or the application of multipliers to the metered quantities. In such cases, the metered kWh and kW values will be adjusted for billing purposes. If the Company elects to adjust kWh and kW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D 93.00.

Term of Contract

For customers with annual average demands not greater than 1,500 kW, service under this tariff will be for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this tariff.

For customers with annual average demands greater than 1,500 kW, contracts under this tariff will be required for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this tariff.

(Continued on Sheet No. D-39.00)

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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
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MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF WSS
(Water and Sewage Service)**

(Continued From Sheet No. D-38.00)

A new initial period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

The Company may not be required to supply energy in excess of that contracted for except by mutual agreement.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

This tariff is also available to customers having other on-site sources of electric energy supply, who purchase standby or backup electric service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in kW, which the Company might be required to furnish, but not less than 100 kW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD Customers with cogeneration or small power production facilities designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

Optional Time-of-Day Rate

Standard Service Customers with maximum demands of 100 kW or more have the option to receive service on the following rate:

(Continued on Sheet No. D-40.00)

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**ISSUED UNDER AUTHORITY OF THE
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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF WSS
 (Water and Sewage Service)**

(Continued From Sheet No. D-39.00)

Tariff Codes	Voltage	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
547	Secondary				
	Service Charge (\$)	--	--	15.20	15.20
	Energy Charge (¢ per kWh): For all on-peak kWh used For all off-peak kWh used	4.203 --	5.822 5.822	1.987 1.987	12.012 7.809
549	Primary				
	Service Charge (\$)	--	--	65.20	65.20
	Energy Charge (¢ per kWh): For all on-peak kWh used For all off-peak kWh used	4.073 --	5.640 5.640	1.022 1.022	10.735 6.662
551	Subtransmission				
	Service Charge (\$)	--	--	65.20	65.20
	Energy Charge (¢ per kWh): For all on-peak kWh used For all off-peak kWh used	4.008 --	5.549 5.549	-- --	9.557 5.549

For the purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

This provision is subject to the terms and conditions of Tariff WSS including all applicable riders.

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 IN CASE NO. U-18370**

**TARIFF EHS
(Electric Heating Schools)**

This tariff is withdrawn except for the present installations of customers receiving service hereunder at premises served prior to June 10, 1975. When new or upgraded facilities are required to maintain service to a Tariff EHS customer, the customer shall be removed from Tariff EHS and be required to take service under an appropriate general service tariff for which the customer qualifies.

Availability of Service

Available to primary and secondary schools and to college and university buildings, and additions thereto, where the principal energy requirements, including all lighting, heating, cooling, water heating, and cooking, are provided by electric energy.

Monthly Rate (Tariff Code 631 and 881)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$)	--	--	25.15	25.15
Energy Charge (¢ per kWh): For all kWh equal to the monthly billing demand (kW) times 250 hours of use	3.021	6.665	-	9.686
For all kWh greater than the monthly billing demand (kW) times 250 hours of use	2.326	6.665	-	8.991
Demand Charge (\$ per kW)	--	--	6.50	6.50

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to the monthly service charge and all applicable riders.

Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase and/or one polyphase meter. Billing demand in kW shall be taken each month as the single highest 15-minute peak as registered during the month by a 15-minute integrating demand meter or, at the Company's option, as the highest registration of a thermal-type demand meter. Where energy is presently delivered through two meters, the monthly billing demand will be taken as the sum of the two demands separately determined. The minimum billing demand shall be 10 kW.

Off-Peak Hour Provision – Applicable to Standard Service customers only.

Demand created during the off-peak hours (as set forth below) shall be disregarded for billing purposes provided that the billing demand shall not be less than 60% of the maximum demand created during the billing month.

(Continued on Sheet No. D-42.00)

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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF EHS
(Electric Heating Schools)**

(Continued From Sheet No. D-41.00)

For the purpose of this tariff, the on-peak billing period is defined as 7 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as all other hours in the week.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff shall not apply to individual residences.

Customer may elect to receive service for any individual building of a school complex under the terms of this tariff.

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

This tariff is also available to customers having other on-site sources of electric energy supply, who purchase standby or backup electric service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in kW, which the Company might be required to furnish, but not less than 100 kW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

(Continued on Sheet No. D-43.00)

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**TARIFF EHS
(Electric Heating Schools)**

(Continued From Sheet No. D-42.00)

Standard Service Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD Customers with cogeneration or small power production facilities designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

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IN CASE NO. U-18370**

**TARIFF IS
(Irrigation Service)**

Availability of Service

Available to customers engaged in agricultural pursuits and desiring secondary voltage service for the irrigation of crops. The customer shall provide the necessary facilities to separately meter the irrigation load. Other general-use load shall be served under the applicable tariff.

Monthly Rate (Tariff Code 213 and 895)

Voltage	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Secondary				
Energy Charge (¢ per kWh)	5.397	9.649	7.859	22.905

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.

Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Minimum Charge

This tariff is subject to a minimum monthly charge equal to all applicable riders.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

Term of Contract

Contracts under this tariff may, at the Company's option, be required for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this tariff. Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year.

Continued on Sheet No. D-45.00)

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IN CASE NO. U-18370**

**TARIFF IS
(Irrigation Service)**

(Continued From Sheet No. D-44.00)

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

Due to the nature of this service, monthly meter readings may not be taken during periods of no consumption or inaccessibility to the meter location due to irrigation operations. In any event, the Company shall obtain a minimum of two meter readings per calendar year.

Standard Service Customers with cogeneration and/or small power production facilities shall take service under Rider NMS-1 (Net Metering Service for Customers With Generating Facilities of 20 kW or Less, Rider NMS-2 (Net Metering Service for Customers with Generating Facilities Greater than 20 kW), Tariff COGEN/SPP or by special agreement with the Company.

OAD Customers with cogeneration or small power production facilities designed to operate in parallel with the Company's system shall take service by special agreement with the Company.

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PRESIDENT
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IN CASE NO. U-18370**

**TARIFF OSL
(Outdoor Security Lighting)**

Availability of Service

Available for security lighting to individual customers including community associations, real estate developers, and municipalities. This service is not available for street and highway lighting.

Monthly Rate

For each lamp with luminaire and an upsweep arm not over six feet in length or bracket mounted floodlight, controlled by photoelectric relay, where service is supplied from an existing pole and secondary facilities of Company (a pole which presently serves another function besides supporting a security light), the rates are \$ per lamp per month as follows:

Tariff Code	Lamp Watts	Lumens/Lamp Type	Power Supply		Delivery	Total
			Capacity	Non-Capacity		
Standard Luminaire						
106 & 911	70	5,800 High Pressure Sodium	0.00	1.40	6.25	7.65
094 & 912	100	9,500 High Pressure Sodium	0.00	1.20	6.70	7.90
113 & 913	150	15,500 High Pressure Sodium	0.00	1.95	7.25	9.20
097 & 914	200	22,000 High Pressure Sodium	0.00	2.50	8.70	11.20
098 & 915	400	50,000 High Pressure Sodium	0.00	4.40	12.70	17.10
Floodlight						
132 & 932	132	5,200 Experimental LED	0.00	0.55	7.20	7.75
Post-Top						
107 & 921	200	22,000 High Pressure Sodium	0.00	2.50	10.40	12.90
109 & 922	400	50,000 High Pressure Sodium	0.00	4.40	13.85	18.25
110 & 925	250	17,000 Metal Halide	0.00	3.10	9.25	12.35
116 & 926	400	28,800 Metal Halide	0.00	4.50	12.65	17.15
122 & 928		9,500 HPS on Fiberglass Pole	0.00	1.20	24.24	25.44

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

The above rates are subject to all applicable riders.

Other Equipment

When other new facilities are to be installed by the Company, the customer will, in addition to the above monthly charge, pay in advance the installation cost of such new overhead facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said lamp, except that customer may, for the following facilities only, elect, in lieu of such payment of the installation cost, to pay the following distribution charges:

(Continued on Sheet No. D-47.00)

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**TARIFF OSL
 (Outdoor Security Lighting)**

(Continued From Sheet No. D-46.00)

30 Foot Wood Pole	\$ 7.00 per month
35 Foot Wood Pole	\$ 8.10 per month
40 Foot Wood Pole	\$ 9.45 per month
Overhead Wire Span Not Over 125 Feet	\$ 3.25 per month
Underground Wire Lateral Not Over 50 Feet (Price includes pole riser and connections)	\$ 6.25 per month

When a customer requests service hereunder requiring wire span lengths in excess of 125 feet, special poles for fixtures or special protection for poles (for example, in parking lots), the customer will be required to make a contribution equal to the additional investment required as a consequence of the special facilities. This includes the cost of underground wire circuits in excess of 50 feet, for which the customer will be required to pay a distribution charge of \$8.10 per foot of excess footage, plus any and all costs required to repair, replace, or push under sidewalks, pavement, or other obstacles.

Security lights supported by poles serving no other function, but which were placed in service under Tariff OL (Outdoor Lighting) may be served under this tariff. In such a case, the following schedule of distribution charges will apply to the wood poles and wire spans:

Overhead Wire Span	\$ 3.25 per span per month
30 or 35 Foot Pole	\$ 7.00 per pole per month

Tariff Code	Discontinued Lamps	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
	Standard Luminaire				
093 & 916	7,000 Mercury Vapor	0.00	2.65	8.95	11.60
096 & 918	11,000 Mercury Vapor	0.00	3.40	6.95	10.35
095 & 919	20,000 Mercury Vapor	0.00	6.20	10.80	17.00
100 & 920	50,000 Mercury Vapor	0.00	16.10	15.55	31.65
	Floodlight				
114 & 923	20,000 Mercury Vapor	0.00	6.20	10.85	17.05
119 & 924	50,000 Mercury Vapor	0.00	16.10	16.00	32.10
	Post Top				
099 & 917	7,000 Mercury Vapor	0.00	2.65	9.00	11.65

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
 Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

The above rates are subject to all applicable riders.

(Continued on Sheet No. D-48.00)

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 IN CASE NO. U-18370**

**TARIFF OSL
(Outdoor Security Lighting)**

(Continued From Sheet No. D-47.00)

The Energy Policy Act of 2005 requires that mercury vapor lamp ballasts shall not be manufactured or imported after January 1, 2008. To the extent that the Company has the necessary materials, the Company will continue to maintain existing mercury vapor lamp installations in accordance with this Tariff.

Hours of Lighting

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise, every night and all night, or approximately 4,000 hours per annum.

Monthly Kilowatt-hour Usage

The monthly kilowatt-hours for each lamp type applicable to Tariffs OSL, SLC, and ECLS are as follows:

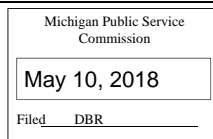
Type of Lamp and Approx. Lumens ¹	Total Watts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Incandescent														
2,500 Lumens	189	79	67	67	57	51	45	48	55	60	71	75	81	
4,000 Lumens	295	124	104	104	89	79	71	76	86	94	111	116	126	
Mercury Vapor														
3,400 L 4,400 L	100W	130	55	46	46	39	35	31	33	38	41	49	51	56
7,560 L 8,500 L	175W	216	91	76	76	65	58	52	55	63	69	81	86	92
10,700 L 13,000 L	250W	301	126	106	106	90	81	72	77	88	97	113	119	129
19,100 L 23,000 L	400W	474	199	167	167	142	127	114	121	138	152	178	188	203
45,500 L 63,000 L	1,000W	1,135	477	400	400	340	304	272	291	331	363	427	449	486
High Pressure Sodium														
5,670 L 6,300 L	70W	86	36	30	30	26	23	21	22	25	28	32	34	37
8,550 L 9,500 L	100W	121	51	43	43	36	32	29	31	35	39	45	48	52
14,400 L 16,000 L	150W	176	74	62	62	53	47	42	45	51	57	66	70	75
19,800 L 22,000 L	200W	253	106	89	89	76	68	61	65	74	81	95	100	108
45,000 L 50,000 L	400W	500	210	176	176	150	134	120	128	146	160	188	198	214
Metal Halide														
17,000 L 20,500 L	250W	301	127	106	106	90	81	72	77	88	96	113	119	129
28,800 L 36,000 L	400W	474	199	167	167	142	127	114	121	138	152	178	188	203
LED														
4,800 L	41 W	41	17	14	14	12	11	10	10	12	13	15	16	17
5,000 L Post-Top	45 W	45	19	16	16	14	12	11	12	13	14	17	18	19
5,200 L	57 W	57	24	20	20	17	15	14	15	17	18	22	22	24
14,000 L	139 W	139	59	49	49	42	37	33	35	40	44	52	55	60

NOTE: For half-night (time clock) lamps multiply consumption by 0.5 or for a 7-hour timer multiply by 0.63875.

¹Lumen output for Mercury Vapor, High Pressure Sodium, and Metal Halide listed in this table as means lumens in the first column and initial lumens in the second column. Lumen rating varies with lamp manufacturer

(Continued on Sheet No. D-49.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF OSL
(Outdoor Security Lighting)**

(Continued From Sheet No. D-48.00)

Ownership of Facilities

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps, and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company. Burned out lamps will normally be replaced within 48 hours after notification by customer.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the following Commission-approved rider(s) listed on Sheet No. D-93.00.

Contracts

Contracts under this tariff will ordinarily be made for an initial term of one year for service where lights are installed on existing poles, or not less than five years for service requiring new poles. In the case of customers contracting for four or more lamps apiece, the Company reserves the right to include in the contract such other provisions as it may deem necessary to insure payment of bills throughout the term of the contract.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF SLS
(Streetlighting Service)**

Availability of Service

This tariff is withdrawn except for existing streetlights serving those municipalities, counties, and other governmental subdivisions in the former St. Joseph Rate Area having contracted for such service under this tariff, Tariff SLS (Streetlighting - New and Rebuilt Systems), or a special contract prior to the first effective date of Tariff ECLS (Energy Conservation Lighting Service) on August 13, 1980.

The Energy Policy Act of 2005 requires the mercury vapor ballasts shall not be manufactured or imported as of January 1, 2008. To the extent that the Company has the necessary materials, the Company will continue to maintain existing mercury vapor lamp installations in accordance with this Tariff.

Streetlighting Facilities

All facilities necessary for streetlighting service hereunder, including, but not limited to, all poles, fixtures, streetlighting circuits, transformers, lamps, and other necessary facilities, shall be the property of the Company and may be removed if the Company so desires at the termination of any contract for service hereunder. The Company will maintain all such facilities; however, the Company will not be responsible for replacing or rebuilding obsolete, discontinued, decorative, or other facilities which, in the opinion of the Company, are too expensive or unusual to replace or rebuild. In such instances, the customer may, at its own expense, replace or rebuild the facilities or may contract for new service under any applicable tariff.

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

All SLS rates are subject to applicable riders as stated below.

Tariff Code 533 and 900 Lumens/Lamp Type	Monthly Rates (\$) per Lamp			Total
	Power Supply Capacity	Non-Capacity	Delivery	
On Wood Pole With Overhead Circuitry				
7,000 Lumen Mercury Vapor	0.00	2.25	5.80	8.05
20,000 Lumen Mercury Vapor	0.00	4.90	5.85	10.75
On Metallic, Concrete or Fiberglass Poles With Overhead Circuitry				
20,000 Lumen Mercury Vapor	0.00	4.90	8.35	13.25
On Metallic, Concrete or Fiberglass Poles With Underground Circuitry				
7,000 Lumen Mercury Vapor	0.00	2.25	10.80	13.05
20,000 Lumen Mercury Vapor	0.00	4.90	10.85	15.75
50,000 Lumen Mercury Vapor	0.00	11.75	11.00	22.75

(Continued on Sheet No. D-51.00)

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**ISSUED UNDER AUTHORITY OF THE
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IN CASE NO. U-18370**

**TARIFF SLS
(Streetlighting Service)**

(Continued From Sheet No. D-50.00)

Public Efficient Streetlighting Program

The Public Efficient Streetlighting Program (PES) is a program implemented under the Company's Energy Waste Reduction Program (EWR), designed to encourage energy efficient streetlighting through the conversion of existing Company-owned streetlights to LED streetlights. The PES will be performed under the terms and conditions of contained in the PES as approved by the Commission.

PES Monthly Rate (Tariff Code 535 and 907) Lumens / Lamp Conversion Type	Price Per Lamp Per Month			Total
	Power Supply Capacity	Non-Capacity	Delivery	
On Wood Pole With Overhead Circuitry				
7,000 Lumen MV > LED	0.00	2.25	5.80	8.05
20,000 Lumen MV > LED	0.00	4.90	5.85	10.75
On Metallic, Concrete or Fiberglass Poles With Overhead Circuitry				
20,000 Lumen MV > LED	0.00	4.90	8.35	13.25
On Metallic, Concrete or Fiberglass Poles With Underground Circuitry				
7,000 Lumen MV > LED	0.00	2.25	10.80	13.05
20,000 Lumen MV > LED	0.00	4.90	10.85	15.75
50,000 Lumen MV > LED	0.00	11.75	11.00	22.75

Hours of Lighting

Streetlighting lamps shall burn from approximately one-half hour after sunset until approximately one-half hour before sunrise, every night, approximately 4,000 hours per annum.

Lamp Outages

All outages which are reported by a proper representative of the customer shall be repaired within two working days. If the lamp is not repaired within two working days, the monthly charge for that unit will be reduced by 1/30 for each day of the outage beyond two working days.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.125 of the MPSC Rules. Any governmental agency shall be allowed such additional period of time for payment of the net bill as the agency's normal fiscal operations require, not to exceed 30 days.

(Continued on Sheet No. D-52.00)

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IN CASE NO. U-18370**

**TARIFF SLS
(Streetlighting Service)**

(Continued From Sheet No. D-51.00)

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D 93.00.

Relocation and Removal of Lamps

Lamps may be relocated or removed when requested in writing by a proper representative of the Customer, subject, however to the following conditions:

Lamps will be relocated upon payment by the Customer of the estimated cost of doing the work.

Lamps will be removed upon payment by the Customer of the estimated cost of doing the work.

Upon completion of the work, billing for relocation or removal of lamps will be adjusted to reflect actual costs. Charges under this tariff will end when the lamp and/or facilities are removed.

The customer shall pay the ongoing cost of any existing facilities associated with the relocated or removed lamps which must remain in place for the sole purpose of supplying power to other lamps of the Customer. The ongoing cost shall be the cost as specified in Tariff OSL for Other Equipment. For any equipment not specified in Tariff OSL, the charge shall be based upon the Company's actual cost.

The Company will relocate or remove lamps as rapidly as labor conditions permit.

Contracts

Contracts under this tariff will ordinarily be made for an initial term of ten years with self-renewal provisions for successive periods of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of the initial term or any yearly period. The Company will have the right to require contracts for periods of longer than ten years.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions.

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
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IN CASE NO. U-18370**

**TARIFF SLC
(Streetlighting - Customer-Owned System)**

Availability of Service

Available to municipalities, counties, and other governmental subdivisions for streetlighting service supplied through streetlighting systems which are owned by the municipality, county, or other governmental subdivision.

This tariff is also available to community associations which have been incorporated as not-for-profit corporations.

Service rendered hereunder is predicated upon the execution by the customer of an agreement specifying the type, number, and location of lamps to be lighted.

The availability of this service may be withheld from extension to otherwise qualifying customers' systems if, in the opinion of the Company, the location or design of such lighting system will create safety hazards or extraordinary difficulties in the performance of maintenance.

The Energy Policy Act of 2005 requires the mercury vapor ballasts shall not be manufactured or imported as of January 1, 2008. To the extent the Company has the necessary materials, the Company will continue to maintain existing mercury vapor lamp installations in accordance with the Tariff.

Monthly Rate (Tariff Code 531 and 901)

Rates are \$ per lamp per month.

Lamp Watts	Lumens/Lamp Type	Power Supply		Delivery	Total
		Capacity	Non-Capacity		
70	5,800 High Pressure Sodium	0.00	0.90	0.95	1.85
100	9,500 High Pressure Sodium	0.00	1.25	1.05	2.30
150	14,400 High Pressure Sodium	0.00	1.85	1.20	3.05
200	22,000 High Pressure Sodium	0.00	2.80	1.35	4.15
400	50,000 High Pressure Sodium	0.00	5.20	1.95	7.15
175	7,000 Mercury Vapor *	0.00	2.25	2.05	4.30
400	20,000 Mercury Vapor *	0.00	4.95	2.45	7.40
1,000	50,000 Mercury Vapor *	0.00	11.80	3.55	15.35
80	4,800 Lumen Roadway LED	0.00	0.45	1.20	1.65
116	5,000 Lumen LED Post Top	0.00	0.45	1.25	1.70
142	14,000 Lumen Roadway I LED	0.00	1.45	2.00	3.45

*Rates apply to existing luminaries only and are not available for new business.

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers. The above rates are subject to all applicable riders.

(Continued on Sheet No. D-54.00)

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**TARIFF SLC
(Streetlighting - Customer-Owned System)**

(Continued From Sheet No. D-53.00)

Pole Contact Provision

When the customer chooses to own all components of the existing streetlight system on joint use distribution facilities, except for the poles and conductor, a distribution charge of \$0.47 per lamp per month will be added to the monthly lamp rate.

This rate applies only where the Company has existing facilities in place. If such existing facilities must be modified or rebuilt to accommodate the safe installation and maintenance of customer-owned streetlight equipment, then the customer shall reimburse the Company for the total cost of such modifications or rebuilt facilities. The Company reserves the right to relocate or remove existing distribution facilities. When such relocation or removal occurs, the customer will have the option to either purchase the poles and conductors to maintain service to the streetlight system or to abandon such facilities. All installations or removal of customer-owned equipment on Company-owned poles will be made by the Company and the customer shall reimburse the Company for the cost of such installations or removals.

The Company will not extend existing distribution facilities or build new distribution facilities for the sole purpose of accommodating a customer-owned streetlight system unless the customer agrees to reimburse the Company for the cost of such new facilities.

Hours of Lighting

Lamps shall burn from approximately one-half hour after sunset until approximately one-half hour before sunrise, every night, approximately 4,000 hours per annum.

Lamp Outages

All outages which are reported by a proper representative of the customer shall be repaired within two working days. If the lamp is not repaired within two working days, the monthly charge for that unit will be reduced by 1/30 for each day of the outage beyond two working days.

Service To Be Rendered

For completely customer-owned systems, the Company will furnish electrical energy for the operation of lamps and will maintain same by renewals of lamps and cleaning and replacement of glassware. Other maintenance, repair, and replacement will be the responsibility of the customer.

For customer-owned systems on Company poles, all maintenance of customer-owned streetlight equipment shall be performed by Company personnel. The Company will furnish energy for operation of lamps and maintain same by renewals of lamps and cleaning and replacement of glassware. The Company will not be responsible to provide replacement glassware for discontinued, decorative, or certain other luminaires which, in the opinion of the Company, are too expensive or unusual to warrant such replacement service. The Company may, at its option, provide service to such luminaires, but the customer will be required to provide at

(Continued on Sheet No. D-55.00)

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IN CASE NO. U-18370**

**TARIFF SLC
(Streetlighting - Customer-Owned System)**

(Continued From Sheet No. D-54.00)

no cost to the Company the replacement glassware. All other maintenance on the customer's streetlight system shall be performed by the Company at the customer's expense.

Customers who perform all maintenance, repair, and replacement of lamps and fixtures (except for photo control) will receive a monthly distribution credit of \$1.34 per lamp.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal. Any governmental agency shall be allowed such additional period of time for payment of the net bill as the agency's normal fiscal operations require, not to exceed 30 days.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D- 93.00

Contracts

Contracts under this tariff will ordinarily be made for an initial term of one year with self-renewal provisions for successive periods of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of the initial term or any yearly period. The Company will have the right to require contracts for periods of longer than one year.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

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PRESIDENT
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**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

TARIFF ECLS
(Energy Conservation Lighting Service)

Availability of Service

Available for streetlighting service to municipalities, counties, and other governmental subdivisions. This rate is applicable for service that is supplied through new or rebuilt streetlighting systems, including extension of streetlighting systems to additional locations where service is requested by the customer. Service rendered hereunder is predicated upon the execution by the customer of an agreement specifying the type, minimum number, and location of lamps to be supplied and lighted.

The Energy Policy Act of 2005 requires that mercury vapor ballasts shall not be manufactured or imported after January 1, 2008. To the extent that the Company has the necessary materials, the Company will continue to maintain existing mercury vapor lamp installations in accordance with this Tariff.

Lamp Watts	Tariff Codes 530 and 902 Lumens/Lamp Type	Monthly Rates in (\$) per Lamp			
		Power Supply Capacity	Non-Capacity	Delivery	Total
On Wood Pole With Overhead Circuitry					
70	5,800 High Pressure Sodium	0.00	0.90	3.95	4.85
100	9,500 High Pressure Sodium	0.00	1.25	4.15	5.40
150	15,500 High Pressure Sodium	0.00	1.85	4.30	6.15
200	22,000 High Pressure Sodium	0.00	2.65	4.60	7.25
400	50,000 High Pressure Sodium	0.00	5.20	5.35	10.55
On Metallic, Concrete or Fiberglass Pole With Overhead Circuitry*					
100	3,500 Mercury Vapor*	0.00	1.35	5.80	7.15
175	7,000 Mercury Vapor*	0.00	2.25	5.80	8.05
250	11,000 Mercury Vapor*	0.00	3.15	5.80	8.95
400	20,000 Mercury Vapor*	0.00	4.90	5.85	10.75
1,000	50,000 Mercury Vapor*	0.00	11.75	6.00	17.75
41	4,800 Lumen Roadway LED	0.00	0.45	16.50	16.95
139	14,000 Lumen Roadway LED	0.00	1.45	18.80	20.25

(Continued on Sheet No. D-57.00)

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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF ECLS
 (Energy Conservation Lighting Service)**

(Continued from Sheet No. D-56.00)

400	50,000 High Pressure Sodium	0.00	5.20	8.80	14.00
175	7,000 Mercury Vapor	0.00	2.25	8.30	10.55
250	11,000 Mercury Vapor	0.00	3.10	8.25	11.35
400	20,000 Mercury Vapor	0.00	4.95	8.35	13.30
1,000	50,000 Mercury Vapor	0.00	11.80	8.50	20.30
Lamp Watts	Lumens/Lamp Type	Power Supply Capacity Non-Capacity		Delivery	Total
	On Metallic, Concrete or Fiberglass Pole With Underground Circuitry*				
70	5,800 High Pressure Sodium	0.00	0.90	7.45	8.35
100	9,500 High Pressure Sodium	0.00	1.30	7.60	8.90
200	22,000 High Pressure Sodium	0.00	2.65	8.15	10.80
400	50,000 High Pressure Sodium	0.00	5.20	8.80	14.00
175	7,000 Mercury Vapor	0.00	2.25	10.85	13.10
400	20,000 Mercury Vapor	0.00	4.90	10.85	15.75
1,000	50,000 Mercury Vapor	0.00	11.80	11.00	22.80
	Post-top Lamp on Fiberglass Pole With Underground Circuitry				
100	9,500 High Pressure Sodium	0.00	1.25	6.10	7.35
175	7,000 Mercury Vapor *	0.00	2.25	2.05	4.30
116	5,000 Lumen Post-Top LED	0.00	0.45	24.00	24.45

*Rates apply to existing luminaires only and are not available for new business.

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
 Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

The above rates are subject to all applicable riders.

The customer will be required to make a contribution in aid of construction calculated in accordance with the formula set forth below if the customer requests the installation of any facility other than a standard Company luminaire and an upsweep arm not over 10 feet in length installed on a pole described in the above rate. The contribution in aid of construction will equal the difference between estimated cost of the streetlighting system requested by the customer and the estimated cost of a streetlighting system using a lamp controlled by a photoelectric relay, a standard Company luminaire, and an upsweep arm not over 10 feet in length installed on a wood pole with overhead circuitry of a span length not to exceed 150 feet. When underground facilities are requested by the customer, the estimated installed distribution cost of the underground circuit will be \$8.10 per foot plus any and all costs required to repair, replace, or push under sidewalks, pavements, or other obstacles. A customer paying a contribution in aid of construction will pay the above monthly rate for wood poles with overhead circuitry.

(Continued on Sheet No. D-58.00)

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**EFFECTIVE FOR SERVICE RENDERED ON
 AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

TARIFF ECLS
(Energy Conservation Lighting Service)

(Continued From Sheet No. D-57.00)

Public Efficient Streetlighting Program (PES)

The Public Efficient Streetlighting Program (PES) is a program implemented under the Company's Energy Waste Reduction Program, designed to encourage energy efficient streetlighting through the conversion of existing Company-owned streetlights to LED streetlights. The PES will be performed under the terms and conditions contained in the PES as approved by the Commission.

PES	Tariff Codes (536) and (908)	Monthly Rates in (\$) per Lamp			
		Power Supply		Delivery	Total
Lamp Watts	Lumens / Conversion Type	Capacity	Non-Capacity		
On Wood Pole With Overhead Circuitry					
70	5,800 HPS > LED	0.00	0.90	3.95	4.85
100	9,500 HPS > LED	0.00	1.25	4.15	5.40
150	15,500 HPS > LED	0.00	1.85	4.30	6.15
200	22,000 HPS > LED	0.00	2.65	4.60	7.25
400	50,000 HPS > LED	0.00	5.20	5.35	10.55
100	3,500 MV > LED	0.00	1.35	5.80	7.15
175	7,000 MV > LED	0.00	2.25	5.80	8.05
250	11,000 MV > LED	0.00	3.15	5.80	8.95
400	20,000 MV > LED	0.00	4.90	5.85	10.75
1,000	50,000 MV > LED	0.00	11.75	6.00	17.75
On Metallic, Concrete or Fiberglass Pole With Overhead Circuitry*		Power Supply		Delivery	Total
		Capacity	Non-Capacity		
70	5,800 HPS > LED	0.00	0.90	7.45	8.35
100	9,500 HPS > LED	0.00	1.25	7.60	8.85
150	15,500 HPS > LED	0.00	1.80	7.80	9.60
200	22,000 HPS > LED	0.00	2.65	8.15	10.80
400	50,000 HPS > LED	0.00	5.20	8.80	14.00
175	7,000 MV > LED	0.00	2.25	8.30	10.55
250	11,000 MV > LED	0.00	3.10	8.25	11.35
400	20,000 MV > LED	0.00	4.95	8.35	13.30
1,000	50,000 MV > LED	0.00	11.80	8.50	20.30
On Metallic, Concrete or Fiberglass Pole With Underground Circuitry*					
70	5,800 HPS > LED	0.00	0.90	7.45	8.35
100	9,500 HPS > LED	0.00	1.30	7.60	8.90
200	22,000 HPS > LED	0.00	2.65	8.15	10.80
400	50,000 HPS > LED	0.00	5.20	8.80	14.00

(Continued on Sheet No. D-59.00)

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**EFFECTIVE FOR BILLS RENDERED ON
 AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

**TARIFF ECLS
 (Energy Conservation Lighting Service)**

(Continued From Sheet No. D-58.00)

PES	Tariff Codes (536) and (908)	Monthly Rates in \$ per Lamp			
		Power Supply		Delivery	Total
Lamp Watts	On Metallic, Concrete or Fiberglass Pole With Underground Circuitry*	Capacity	Non-Capacity		
175	7,000 MV > LED	0.00	2.25	10.85	13.10
400	20,000 MV > LED	0.00	4.90	10.85	15.75
1,000	50,000 MV > LED	0.00	11.80	11.00	22.80
	Post-top Lamp on Fiberglass Pole With Underground Circuitry				
100	9,500 HPS > LED	0.00	1.25	6.10	7.35
175	7,000 MV > LED	0.00	2.25	2.05	4.30
116	5,000 Lumen Post-Top LED	0.00	0.45	24.00	24.45

*Rates apply to existing luminaries only and are not available for new business.

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers. Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

The above rates are subject to all applicable riders

Lamp Outages

All outages that are reported by a proper representative of the customer shall be repaired within two working days. If the lamp is not repaired within two working days, the monthly charge for that unit will be reduced by 1/30 for each day of the outage beyond two working days.

Streetlighting Facilities

All facilities necessary for streetlighting service hereunder, including but not limited to, all poles, fixtures, streetlighting circuits, transformers, lamps, and other necessary facilities, shall be the property of the Company and may be removed if the Company so desires at the termination of any contract. The Company will maintain all such facilities.

Hours of Lighting

Lamps shall burn from approximately one-half hour after sunset until approximately one-half hour before sunrise, every night, approximately 4,000 hours per annum.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00

(Continued on Sheet No. D-59.10)

ISSUED MAY 9, 2018
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA

Michigan Public Service Commission
May 10, 2018
Filed _____ DBR _____

EFFECTIVE FOR SERVICE RENDERED ON AND AFTER APRIL 26, 2018

ISSUED UNDER AUTHORITY OF THE MICHIGAN PUBLIC SERVICE COMMISSION DATED APRIL 12, 2018 IN CASE NO. U-18370

**TARIFF ECLS
(Energy Conservation Lighting Service)**

(Continued From Sheet No. D-59.00)

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.125 of the MPSC Rules. The due date shall be 22 days following the date of transmittal. Any governmental agency shall be allowed such additional period of time for payment of the net bill as the agency's normal fiscal operations require, not to exceed 30 days.

Relocation and Removal of Lamps

Lamps may be relocated or removed as rapidly as labor conditions permit when requested in writing by a proper representative of the Customer, subject, however to the following conditions:

Lamps will be relocated / removed upon payment by Customer of the estimated cost of doing the work.

Upon completion of the work, billing for relocation or removal of lamps will be adjusted to reflect actual costs. Charges under this tariff will end when the lamp and/or facilities are removed.

The customer shall pay the ongoing cost of any existing facilities associated with the relocated or removed lamps which must remain in place for the sole purpose of supplying power to other lamps of the Customer. The ongoing cost shall be the cost as specified in Tariff OSL for Other Equipment. For any equipment not specified in Tariff OSL, the charge shall be based upon the Company's actual cost.

Contracts

Contracts under this tariff will ordinarily be made for an initial term of one year with self-renewal provisions for successive periods of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of the initial term or any yearly period. The Company will have the right to require contracts for periods of longer than one year.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

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EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370

**TARIFF SLCM
(Streetlighting - Customer-Owned System - Metered)**

Availability of Service

Available to municipalities, counties, and other governmental subdivisions for lighting on streets and highways (including illuminated signs) and in parks and other such public areas. This tariff is also available for lighting systems serving outdoor recreational facilities such as baseball fields and football stadiums.

This tariff is also available to community associations which have been incorporated as not-for-profit corporations.

Monthly Rate (Tariff Codes 733, 734, 903 and 904)

	Power Supply		Delivery	Total
	Capacity	Non-Capacity		
Service Charge (\$):				
Single Phase 120/240 volts	--	--	7.77	7.77
Single Phase 240/480 volts	--	--	16.58	16.58
Energy Charge (¢ per kWh)	0.00	3.118	2.447	5.565

Capacity and Non-Capacity Power Supply and Delivery Charges are applicable to Standard Service customers.
Capacity Power Supply and Delivery Charges only are applicable to Open Access Distribution customers.

Hours of Service

This service is available only during the hours each day between sunset and sunrise. Daytime use of energy under this rate is strictly forbidden except for the sole purpose of testing and maintaining the lighting system.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal. Any governmental agency shall be allowed such additional period of time for payment of the net bill as the agency's normal fiscal operations require, not to exceed 30 days.

Applicable Riders

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. D-93.00.

(Continued on Sheet No. D-61.00)

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF SLCM
(Streetlighting - Customer-Owned System - Metered)**

(Continued From Sheet No. D-60.00)

Contracts

A written contract may, at the Company's option, be required for each customer. Customers requiring service in multiple locations may combine services under one agreement.

Standard Service Contracts will ordinarily be made for an initial term of one year with self-renewal provisions for successive terms of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of any term. The contract will specify the service location(s) and the approximate connected load in kilowatts. A separate invoice will be rendered each billing period for each meter location regardless of the number of contracts.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue Standard Service, customers may elect to take service from a qualified Alternate Electric Supplier (AES), pursuant to the Terms and Conditions of Open Access Distribution Service, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period the customer has not enrolled with a qualified AES, then the customer must continue to take service under the Company's Standard Service for a period of not less than 12 consecutive months.

Special Terms and Conditions.

This tariff is subject to the Company's Terms and Conditions of Standard Service, or Items 1, 11, and/or 17 of the Terms and Conditions of Open Access Distribution Service, as applicable.

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BY TOBY L. THOMAS
PRESIDENT
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**EFFECTIVE FOR SERVICE RENDERED ON
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DATED APRIL 12, 2018
IN CASE NO. U-18370**

TARIFF COGEN/SPP
(Cogeneration and/or Small Power Production Service)

Availability of Service

This schedule is available to Standard Service customers with cogeneration and/or small power production (COGEN/SPP) facilities that qualify under Section 210 of the Public Utilities Regulatory Policies Act of 1978, have a total design capacity of 550 KW or less, and who take Standard Service from the Company. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel.

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The customer has the following options under this schedule, which will affect the determination of energy and capacity and the monthly metering charges:

(1) Option 1

The customer does not sell any energy or capacity to the Company and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.

(2) Option 2

The customer sells to the Company the energy and average capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.

(3) Option 3

The customer sells to the Company the total energy and average capacity produced by the customer's qualifying COGEN/SPP facilities while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

Billing under this schedule shall consist of charges for delivery of electrical energy and capacity from the Company to the customer to supply the customer's net or total load according to the rate schedule appropriate for the customer, except as modified herein, plus charges to cover additional costs due to COGEN/SPP facilities, as specified herein, less credits for excess or total electrical energy and capacity produced by the customer's qualifying COGEN/SPP facilities as specified herein.

(Continued on Sheet No. D-63.00)

ISSUED MARCH 27, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA



EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF MAY 2019

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED MARCH 21, 2019
IN CASE NO. U-18092

**TARIFF COGEN/SPP
(Cogeneration and/or Small Power Production Service)**

(Continued From Sheet No. 62.00)

Measurement of Energy and Determination of Capacity

Energy and capacity supplied by the Company to the customer and/or produced by the customer's qualifying COGEN/SPP facilities shall be determined by appropriate meters located at one delivery point. Such meters shall be capable of determining energy, and billing demand where applicable, from the Company to the customer to supply the customer's net or total load as required under the rate schedule appropriate for such deliveries. The excess or total energy and average capacity produced by the customer's qualifying COGEN/SPP facilities shall be determined by means of meters other than those used to determine the net or total energy and capacity requirements of the customer's load. At the option of the customer, such meters may be capable of registering produced excess or total energy and average capacity separately during the on-peak and off-peak periods.

Under Option 3, when metering potential for COGEN/SPP facilities is the same as the Company's delivery potential, the customer shall, at his option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and as specified by the Company metering current leads that will enable the Company to measure adequately the total electrical energy and average capacity produced by the qualifying COGEN/SPP facilities, as well as to measure the electrical energy consumption and capacity requirements of the customer's total load. When metering potential for COGEN/SPP facilities is different from the Company's delivery potential, metering requirements and charges shall be determined specifically for each case.

Monthly Charges for Delivery from the Company to the Customer

(1) Supplemental Service

Available to the customer to supplement its COGEN/SPP source of power supply which will enable either or both sources of supply to be utilized for all or any part of the customer's total requirements.

Charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the rate schedule appropriate for the customer. Option 1 and Option 2 customers with COGEN/SPP facilities having a total design capacity of more than 10 kW shall be served under demand-metered rate schedules.

(2) Back-up and Maintenance Service

Option 1 and Option 2 customers with COGEN/SPP facilities having a total design capacity of more than 10 kW shall be required to purchase backup service to replace energy from COGEN/SPP facilities during maintenance and unscheduled outages of its COGEN/SPP facilities. Contracts for such service shall be executed on a special contract form for a minimum term of one year.

(Continued on Sheet No. D-64.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF COGEN/SPP
(Cogeneration and/or Small Power Production Service)**

(Continued From Sheet No. D-63.00)

Option 3 customers purchasing their total energy requirements from the Company will not be considered as taking backup service. Customers having cogeneration and/or small power production facilities that operate intermittently during all months (i.e. wind or solar) such that the customer's monthly billing demands under the demand-metered rate schedule will be based upon the customer's maximum monthly demand which will occur at a time when the cogeneration and/or small power production facility is not in operation will also not be considered as taking backup service.

The backup capacity in kilowatts shall be initially established by mutual agreement for electrical capacity sufficient to meet the maximum backup requirements which the Company is expected to supply. Whenever the backup capacity so established is exceeded by the creation of a greater actual maximum demand, excluding firm load regularly supplied by the Company, then such greater demand becomes the new backup capacity.

The monthly charge per kW of backup capacity paid by customers served under demand-metered rate schedules shall be as follows:

Power Supply	Delivery Service	Total
\$0.82	\$1.64	\$2.46

Whenever backup and maintenance capacity is used and the customer notifies the Company in writing prior to the meter reading date, the backup contract capacity shall be subtracted from the total metered demand during the period specified by the customer for billing demand purposes. After 1,900 hours of use during the contract year, the total metered demand shall be used as the billing demand each month until a new contract year is established.

In lieu of the above monthly charge, customers may instead elect to have the monthly billing demand under the demand-metered rate schedules determined each month as the highest of the monthly billing demand for the current and previous two billing periods.

Charges for Special Facilities

There shall be additional distribution charges to cover the cost of special metering, safety equipment, and other local facilities installed by the Company due to COGEN/SPP facilities as follows:

- (1) Monthly Metering Charge

The additional monthly distribution charge for special metering facilities shall be as follows:

(Continued on Sheet No. D-65.00)

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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA



**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF COGEN/SPP
 (Cogeneration and/or Small Power Production Service)**

(Continued From Sheet No. D-64.00)

(a) Option 1

Where the customer does not sell electricity to the Company, the Company will install a detent to prevent reverse meter rotation and will include its cost in the local facilities charge, thus not requiring a separate additional monthly metering charge.

(b) Option 2(a)

Where standard energy meters are used to measure the excess energy and average capacity purchased by the Company:

	Single Phase	Polyphase
Primary Service or Secondary Service Over 200 Amps	\$ 12.67	\$ 12.67
Secondary Service of 200 Amps or Less	\$ 1.23	\$ 7.45

(c) Option 2(b)

Where time-of-day (TOD) energy meters are used to measure the excess energy and average capacity purchased by the Company:

	Single Phase	Polyphase
Primary Service or Secondary Service Over 200 Amps	\$ 12.96	\$ 12.96
Secondary Service of 200 Amps or Less	\$ 4.70	\$ 7.74

(Continued on Sheet No. D-66.00)

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 AND AFTER APRIL 26, 2018**

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 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

**TARIFF COGEN/SPP
 (Cogeneration and/or Small Power Production Service)**

(Continued From Sheet No. D-65.00)

(d) Option 3(a)

Where standard energy meters are used to measure the total energy and average capacity produced by the customer's COGEN/SPP facilities:

	Single Phase	Polyphase
Primary Service or Secondary Service Over 200 Amps Using Metering Current Leads	\$ 12.67	\$ 12.67
Secondary Service of 200 Amps or Less Using Metering Current Leads	\$ 12.67	\$ 12.67
Secondary Service of 200 Amps or Less Using Totalized Output Leads	\$ 1.23	\$ 7.45

(e) Option 3(b)

Where time-of-day (TOD) energy meters are used to measure the total energy and average capacity produced by the customer's COGEN/SPP facilities:

	Single Phase	Polyphase
Primary Service or Secondary Service Over 200 Amps Using Metering Current Leads	\$ 12.96	\$ 12.96
Secondary Service of 200 Amps or Less Using Metering Current Leads	\$ 12.96	\$ 12.96
Secondary Service of 200 Amps or Less Using Totalized Output Leads	\$ 1.23	\$ 7.74

(Continued on Sheet No. D-67.00)

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**EFFECTIVE FOR SERVICE RENDERED ON
 AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

**TARIFF COGEN/SPP
 (Cogeneration and/or Small Power Production Service)**

(Continued from Sheet No. D-66.00)

(2) Local Facilities Charge

Additional charges to cover the cost of safety equipment and other local facilities installed by the Company shall be determined by the Company for each case and collected from the customer. The customer shall make a one-time payment for such charges upon completion of the required additional facilities, or, at the customer's option, twelve consecutive equal monthly payments reflecting an annual interest charge equal to the maximum rate permitted by law not to exceed the prime rate in effect at the first billing for such installments.

Monthly Credits or Payments for Excess or Total Electrical Energy and Capacity Produced by COGEN/SPP Facilities

(1) Energy Credit

The following generation credits or payments from the Company to the customer shall apply for the excess electrical energy delivered to the Company under Option 2 or the total electrical energy produced by the customer's qualifying COGEN/SPP facilities under Option 3:

- (a) For the first 5 years of the Contract term, all energy delivered or produced during the billing period shall be credited at fixed price per kWh in accordance with the following table:

Year	Energy Credits (¢/kWh)		
	Standard (non-TOD)	TOD On-Peak	TOD Off-Peak
2019	2.86	3.35	2.42
2020	3.38	3.81	2.98
2021	3.44	3.87	3.04
2022	3.54	4.02	3.11
2023	3.65	4.15	3.20
2024	3.78	4.28	3.32
2025	3.90	4.41	3.44

- (b) After the first 5 years of the Contract Term, all energy delivered or produced during the billing period shall be credited at the real-time PJM wholesale location marginal price at a Company pricing node mutually agreed upon by the Company and the customer, averaged over the month if standard energy meters are used and averaged over the on-peak period and off-peak period if TOD meters are used.

(2) Capacity Credit

No capacity credits or payments are available at this time.

(Continued on Sheet No. D-68.00)

ISSUED MARCH 27, 2019
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA



**EFFECTIVE FOR BILLS RENDERED BEGINNING
 WITH THE BILLING MONTH OF MAY 2019**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED MARCH 21, 2019
 IN CASE NO. U-18092**

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TARIFF COGEN/SPP
(Cogeneration and/or Small Power Production Service)

(Continued from Sheet No. D-67.00)

On-Peak and Off-Peak Periods

The on-peak period shall be defined as starting at 7 a.m. and ending at 11 p.m., local time, Monday through Friday.

The off-peak period shall be defined as starting at 11 p.m. and ending at 7 a.m., local time, for all weekdays, Monday through Friday, and all hours of Saturday and Sunday.

Contract Term

A Contract is required for service under this Tariff. The customer may select either a 5, 10, 15 or 20-year contract length.

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ISSUED MARCH 27, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

Michigan Public Service
Commission
March 28, 2019
Filed DBR

EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF MAY 2019

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED MARCH 21, 2019
IN CASE NO. U-18092

**TARIFF CATV
(Pole Attachment Rental - Cable Television)**

Availability of Service

Available to any person, firm, corporation, partnership, or cooperatively organized association ("Attaching Party or Attachee"), other than a utility or a municipality, who has obtained under law any necessary public or private authorization and permission to construct and maintain attachments such as wire, cable, facility, or other apparatus on Company poles so long as those attachments do not interfere, obstruct, or delay the service and operation of the Company or create a safety hazard.

Distribution Charges and Rates

In addition to the pole application fee set forth below, Attachee agrees to pay Company an initial contact fee and an annual attachment charge at the rates specified in this tariff for the use of each of Company's poles, any portion of which is occupied by or reserved at Attachee's request for the attachment of Attachee's facilities at any time during the rental period.

Basic Charges and Rates	
1. Pole Application Fee:	\$50.00 plus \$10.00 per pole
The purpose of the application fee is to recover the Company's expense to conduct the make-ready survey required to determine the feasibility of the requested attachment(s). The application fee is due at the time application is made.	
2. Initial Contact Fee:	\$1.25 per pole
To cover the cost to the Company not separately accounted for in processing the application for each initial contact, but no such initial contact fee shall be required if the customer has previously paid an initial contact fee with respect to such pole location.	
3. Annual Attachment Charge:	\$3.74 per pole per year
Attachee agrees to pay Company the annual rate for the use of each of Company's poles, any portion of which is occupied by, or reserved at Attachee's request for the attachment of Attachee at any time during the rental period.	
Other Charges	
1. All charges for inspections, engineering, rearrangements, or removals of Attachee's facilities from Company's poles and other work performed for Attachee shall be based on the full cost and expense to Company in performing such work. The charges shall be determined in accordance with the normal and customary methods used by the Company in determining such costs.	
2. The charges for replacement of poles necessary to facilitate Attachee's attachments and requirements shall be net costs as determined by the normal and customary methods used by the Company.	

(Continued on Sheet No. D-70.00)

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**EFFECTIVE FOR SERVICE RENDERED ON
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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF CATV
(Pole Attachment Rental - Cable Television)**

(Continued From Sheet No. D-69.00)

Payment and Billing

Invoices shall be rendered by Company, in advance, on an annual basis on or about July 1 based upon the attachments in place as of the preceding June 1. For any pole occupied or reserved at any time during the rental year, the full attachment charge will be billed on the subsequent annual billing. Payment will be due 45 days from the date the invoice is issued by the Company.

Invoices to Attachees with fewer than 20 pole attachments may be rendered on a multi-year basis so as to effect a minimum billing invoice of \$30.

On all amounts not paid when due, an additional charge of 1.5% per month shall be assessed.

Agreements

Pole attachments shall be allowed only upon signing by Company and the Attachee of a written agreement making reference to this tariff.

Period of Agreement

Agreements executed with reference to this tariff shall continue until cancelled by either party on not less than 60 days' prior written notice to the other. No such termination, however, shall reduce or eliminate the obligation of the Attachee to make payments of any amounts due to Company for any service covered by this tariff, and shall not waive charges for any attachment until it is removed from the pole to which it is attached.

Special Terms and Conditions

The terms and conditions of service shall be as set forth within the Company's standard agreement and this tariff.

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BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF CS-IRP
(CONTRACT SERVICE – INTERRUPTIBLE POWER)**

Availability of Service.

Available to customers having interruptible demands of 1,000 kW or greater, who contract for Standard Service under one of the Company's interruptible service options. The Company reserves the right to limit the total contract capacity for all customers served under this tariff to 50,000 kW.

Conditions of Service.

The Company will offer eligible customers the opportunity to receive service under options which provide for mandatory (capacity) interruptions and discretionary (energy) interruptions pursuant to a contract agreed to by the Company and the Customer.

For mandatory (capacity) interruptions, the minimum interruption requirement shall be the minimum required under the PJM Interconnection, LLC (PJM) Emergency Load Response Program for capacity purposes, or any successor thereto. The minimum compensation for mandatory (capacity) interruptions shall be 80% of the applicable PJM Reliability Pricing Model ("RPM") clearing price.

Upon receipt of a request from the Customer for interruptible service, the Company will provide the Customer with a written offer containing the rates and related terms and conditions of service under which such service will be provided by the Company. If the parties reach an agreement based upon the offer provided to the Customer by the Company, such written contract will be filed with the Commission. The contract shall provide full disclosure of all rates, terms and conditions of service under this tariff, and any and all agreements related thereto, subject to the designation of the terms and conditions of the contract as confidential, as set forth herein.

The Company reserves the right to test and verify the customer's ability to curtail.

Rate.

Charges for service under this schedule will be set forth in the written agreement between the Company and the Customer and will reflect a discount from the firm service rates otherwise available to the Customer.

Contract Terms.

The length of the agreement and the terms and conditions of service will be stated in the agreement between the Company and the Customer.

(Continued on Sheet No. D-72.00)

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DATED APRIL 12, 2018
IN CASE NO. U-18370**

**TARIFF CS-IRP
(CONTRACT SERVICE – INTERRUPTIBLE POWER)**

(Continued From Sheet No. D-71.00)

Confidentiality.

All terms and conditions of any written contract under this schedule shall be protected from disclosure as confidential, proprietary trade secrets if either the Customer or the Company requests a Commission determination of confidentiality, and the Commission finds that the party requesting such protection has shown good cause for protecting the terms and conditions of the contract.

Terms and Conditions.

Except as otherwise provided in the written agreement, the Company's Terms and Conditions of Standard Service shall apply to service under this tariff.

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**RIDER AFS
(Alternate Feed Service)**

Availability of Service.

Standard Alternate Feed Service (AFS) is a premium service providing a redundant distribution service provided through a redundant distribution line and distribution station transformer, with automatic or manual switch-over and recovery, which provides increased reliability for distribution service. Rider AFS applies to those customers requesting new or upgraded AFS after the effective date of this rider. Rider AFS also applies to existing customers that desire to maintain redundant service when the Company must make expenditures in order to continue providing such service.

Rider AFS is available to customers who request a primary voltage alternate feed and who normally take service under Tariffs G.S., L.G.S., L.P., M.S. or W.S.S. for their basic service requirements, provided that the Company has adequate capacity in existing distribution facilities, as determined by the Company, or if changes can be made to make capacity available. AFS provided under this rider may not be available at all times, including emergency situations.

System Impact Study Charge.

The Company shall charge the customer for the actual cost incurred by the Company to conduct a system impact study for each site reviewed. The study will consist of, but is not limited to, the following: (1) identification of customer load requirements, (2) identification of the potential facilities needed to provide the AFS, (3) determination of the impact of AFS loading on all electrical facilities under review, (4) evaluation of the impact of the AFS on system protection and coordination issues including the review of the transfer switch, (5) evaluation of the impact of the AFS request on system reliability indices and power quality, (6) development of cost estimates for any required system improvements or enhancements required by the AFS, and (7) documentation of the results of the study. The Company will provide to the customer an estimate of charges for this study.

Equipment and Installation Charge.

The customer shall pay, in advance of construction, a nonrefundable amount for all equipment and installation costs for all dedicated and/or local facilities provided by the Company required to furnish either a new or upgraded AFS. The payment shall be grossed-up for federal and state income taxes, assessment fees and utility receipts taxes. The customer will not acquire any title in said facilities by reason of such payment. The equipment and installation charge shall be determined by the Company and shall include, but not be limited to, the following: (1) all costs associated with the AFS dedicated and/or local facilities provided by the Company and (2) any costs or modifications to the customer's basic service facilities.

The customer is responsible for all costs associated with providing and maintaining phone service for use with metering to notify the Company of a transfer of service to the AFS or return to basic service.

(Continued on Sheet No. D-74.00)

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PRESIDENT
FORT WAYNE, INDIANA**

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**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**RIDER AFS
(Alternate Feed Service)**

(Continued From Sheet No. D-73.00)

Transfer Switch Provisions.

In the event the customer receives basic service at primary voltage, the customer shall install, own, maintain, test, inspect, operate and replace the transfer switch. Customer-owned switches are required to be at primary voltage and must meet the Company's engineering, operational and maintenance specifications. The Company reserves the right to inspect the customer-owned switches periodically and to disconnect the AFS for adverse impacts on reliability or safety.

Existing AFS customers, who receive basic service at primary voltage and are served via a Company-owned transfer switch and control module, may elect for the Company to continue ownership of the transfer switch. When the Company-owned transfer switch and/or control module requires replacement or repair, and the customer desires to continue the AFS, the customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state income taxes, assessment fees and utility receipts taxes. In addition, the customer shall pay a monthly rate of \$15.98 for the Company to annually test the transfer switch / control module and the customer shall reimburse the Company for the actual costs involved in maintaining the Company-owned transfer switch and control module.

In the event a customer receives basic service at secondary voltage and requests AFS, the Company will provide the AFS at primary voltage. The Company will install, own, maintain, test, inspect and operate the transfer switch and control module. The customer shall pay the Company a nonrefundable amount for all costs associated with the transfer switch installation. The payment shall be grossed-up for federal and state income taxes, assessment fees and utility receipts taxes. In addition, the customer is required to pay the monthly rate for testing and ongoing maintenance costs defined above. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state income taxes, assessment fees and utility receipts taxes.

After a transfer of service to the AFS, a customer utilizing a manual or semi-automatic transfer switch shall return to the basic service within one (1) week or as mutually agreed to by the Company and customer. In the event system constraints require a transfer to be expedited, the Company will endeavor to provide as much advance notice as possible to the customer. However, the customer shall accomplish the transfer back to the basic service within ten minutes if notified by the Company of system constraints. In the event the customer fails to return to basic service within 12 hours, or as mutually agreed to by the Company and customer, or within ten minutes of notification of system constraints, the Company reserves the right to immediately disconnect the customer's load from the AFS source. If the customer does not return to the basic service as agreed to, or as requested by the Company, the Company may also provide 30 days' notice to terminate the AFS agreement with the customer.

The customer shall make a request to the Company for approval three days in advance for any planned switching.

(Continued on Sheet No. D-75.00)

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**RIDER AFS
(Alternate Feed Service)**

(Continued From Sheet No. D-74.00)

Monthly AFS Capacity Reservation Demand Charge.

Monthly AFS charges will be in addition to all monthly basic service charges paid by the customer under the applicable tariff.

The Monthly AFS Capacity Reservation Demand Charge for the reservation of distribution station and primary lines is \$4.35 per kW.

AFS Capacity Reservation.

The customer shall reserve a specific amount of AFS capacity equal to, or less than, the customer's normal maximum requirements, but in no event shall the customer's AFS capacity reservation under this rider exceed the capacity reservation for the customer's basic service under the appropriate tariff. The Company shall not be required to supply AFS capacity in excess of that reserved except by mutual agreement.

If the customer plans to increase the AFS demand at anytime in the future, the customer shall promptly notify the Company of such additional demand requirements. The customer's AFS capacity reservation and billing will be adjusted accordingly. The customer will pay the Company the actual costs of any and all additional dedicated and/or local facilities required to provide AFS in advance of construction and pursuant to an AFS construction agreement. If customer exceeds the agreed upon AFS capacity reservation, the Company reserves the right to disconnect the AFS. If the customer's AFS metered demand exceeds the agreed upon AFS capacity reservation, which jeopardizes company facilities or the electrical service to other customers, the Company reserves the right to disconnect the AFS immediately. If the Company agrees to allow the customer to continue AFS, the customer will be required to sign a new AFS agreement reflecting the new AFS capacity reservation. In addition, the customer will promptly notify the Company regarding any reduction in the AFS capacity reservation.

The customer may reserve partial-load AFS capacity, which shall be less than the customer's full requirements for basic service subject to the conditions in this provision. Prior to the customer receiving partial-load AFS capacity, the customer shall be required to demonstrate or provide evidence to the Company that they have installed demand-controlling equipment that is capable of curtailing load when a switch has been made from the basic service to the AFS. The Company reserves the right to test and verify the customer's ability to curtail load to meet the agreed upon partial-load AFS capacity reservation.

Determination of Billing Demand.

Full-Load Requirement:

For customers requesting AFS equal to their load requirement for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly billing demand on the AFS during the past 11 months, or (c) the customer's basic service

(Continued on Sheet No. D-76.00)

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**RIDER AFS
(Alternate Feed Service)**

(Continued From Sheet No. D-75.00)

capacity reservation, or (d) the customer's highest previously established monthly billing demand on the basic service during the past 11 months.

Partial-Load Requirement:

For customers requesting partial-load AFS capacity reservation that is less than the customer's full requirements for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak on the AFS as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly metered demand on the partial-load AFS during the past 11 months.

Delayed Payment Charge

A delayed payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon as set forth in Rule 460.1614 of the MPSC Rules. The due date shall be 22 days following the date of transmittal.

Terms of Contract.

The AFS agreement under this rider will be made for a period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this rider.

Disconnection of AFS under this rider due to reliability or safety concerns associated with customer-owned transfer switches will not relieve the customer of payments required hereunder for the duration of the agreement term.

Special Terms and Conditions.

This rider is subject to the Company's Terms and Conditions of Standard Service.

Upon receipt of a request from the customer for non-standard AFS (AFS which includes unique service characteristics different from standard AFS), the Company will provide the customer with a written estimate of all costs, including system impact study costs, and any applicable unique terms and conditions of service related to the provision of the non-standard AFS. An AFS agreement will be filed with the Commission under the 30-day filing procedures. The AFS agreement shall provide full disclosure of all rates, terms and conditions of service under this rider, and any and all agreements related thereto.

The Company will have sole responsibility for determining the basic service circuit and the AFS circuit.

The Company assumes no liability should the AFS circuit, transfer switch, or other equipment required to provide AFS fail to operate as designed, is unsatisfactory, or is not available for any reason.

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IN CASE NO. U-18370**

ECONOMIC DEVELOPMENT RIDER

Availability of Service.

In order to encourage economic development in the Company's service area, limited-term credits for incremental billing demands described herein are offered to qualifying new and existing retail customers who make application for service under this Rider prior to January 1, 2021 or the effective date of the Commission Order in Case U-20359, whichever comes first.

Service under this Rider is intended for customers whose operations, by their nature, will promote sustained economic development based on plant and facilities investment and job creation. This Rider is available to commercial and industrial customers taking service from the Company under Tariffs G.S., L.G.S. or L.P. who meet the following requirements:

- (1) A new customer must have a billing demand of 300 kW or more. An existing customer must increase billing demand by 300 kW or more over the maximum billing demand during the 12 months prior to the date of the application by the customer for service under this Rider (Base Maximum Billing Demand). The Base Maximum Billing Demand for new customers is zero (0).
- (2) The customer must apply for and receive economic development assistance from State or local government or other public agency.
- (3) The customer must demonstrate to the Company's satisfaction that, absent the availability of this Rider, the qualifying new or increased demand would be located outside of the Company's service territory or would not be placed in service due to poor operating economics.

Availability is limited to customers on a first-come, first-served basis for loads aggregating 50 MW.

Terms and Conditions.

- (1) To receive service under this Rider, the customer shall make written application to the Company with sufficient information contained therein to determine the customer's eligibility for service.
- (2) For new customers, billing demands for which credits will be applicable under this Rider shall be for service at a new service location and not merely the result of a change of ownership. However, if a change in ownership occurs after the customer enters into a Contract for service under this Rider, the successor customer may be allowed to fulfill the balance of the Contract under this Rider. Relocation of the delivery point of the Company's service does not qualify as a new service location.

(Continued To Sheet D-78.00)

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FORT WAYNE, INDIANA**

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**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF JANUARY 2020**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 17, 2019
IN CASE NO. U-20494**

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ECONOMIC DEVELOPMENT RIDER

(Continued From Sheet No. D-77.00)

- (3) For existing customers, billing demands for which credits will be applicable under this Rider shall be the result of an increase in business activity and not merely the result of resumption of normal operations following a force majeure, strike, equipment failure, renovation or refurbishment, or other such abnormal operating condition. In the event that such an occurrence has taken place during the 12-month period prior to the date of the application by the customer for service under this Rider, the monthly billing demands during the 12-month period shall be adjusted as appropriate to eliminate the effects of such occurrence in the determination of the Base Maximum Billing Demand.
- (4) All billing credits offered under this Rider shall terminate no later than December 31, 2026.
- (5) The existing local facilities of the Company must be deemed adequate, in the judgment of the Company, to supply the new or expanded electrical capacity requirements of the customer. If construction of new or expanded local facilities by the Company are required, the customer may be required to make a contribution-in-aid of construction for the installed cost of such facilities pursuant to the provisions of Item 12, B and / or 13, C of the Company's Terms and Conditions of Standard Service.

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Determination of Monthly Billing Credit.

The qualifying incremental billing demand shall be determined as the amount by which the billing demand, as determined according to the applicable tariff for the current billing period, exceeds the Base Maximum Billing Demand, multiplied by the current billing period load factor percentage. Such adjusted incremental billing demand shall be considered to be zero, however, unless it is at least 300 kW.

The monthly billing credit under this Rider shall be the product of the qualifying incremental billing demand as calculated above and the applicable Billing Credit rate.

The monthly billing credit shall not reduce the customer's bill below the monthly minimum charge as specified in the applicable tariff.

Selection of Credit Option.

Customers meeting all availability and terms and conditions above shall contract for service for a period of eight (8) years under one of the three Credit Options shown below. The Credit Option chosen by the customer shall be specified in the contract for service under this Rider.

(Continued To Sheet D-79.00)

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**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF JANUARY 2020**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 17, 2019
IN CASE NO. U-20494**

ECONOMIC DEVELOPMENT RIDER

(Continued From Sheet No. D-78.00)

<u>Credit Options</u>	<u>Billing Months in Contract Terms</u>	<u>Billing Credit per \$ per kW</u>
1 - Inclining	1 st through 12 th	\$7.80
	13 th through 24 th	\$10.20
	25 th through 36 th	\$12.00
	37 th through 48 th	\$13.80
	49 th through 60 th	\$16.20
2 - Levelized	1 st through 12 th	\$12.00
	13 th through 24 th	\$12.00
	25 th through 36 th	\$12.00
	37 th through 48 th	\$12.00
	49 th through 60 th	\$12.00
3 - Declining	1 st through 12 th	\$16.20
	13 th through 24 th	\$13.80
	25 th through 36 th	\$12.00
	37 th through 48 th	\$10.20
	49 th through 60 th	\$7.80

The appropriate Billing Credit rate based upon the customer-selected Credit Option shall be applicable over a period of 60 consecutive billing months beginning with the first such month following the end of the start-up period. The start-up period shall commence with the effective date of the contract for service under this Rider and shall terminate by mutual agreement between the Company and the customer.

The start-up period shall not exceed 12 months. At the sole discretion of the Company, the start-up period may be extended up to 12 additional months.

Terms of Contract.

A contract for service under this Rider and for service under the appropriate tariff, shall be executed by the customer and the Company for the time period which includes the start-up period and the minimum eight-year period immediately following the end of the start-up period with the monthly Billing Credits being available for a maximum period of five (5) years. The contract shall specify the Base Maximum Billing Demand, the anticipated total demand, the Credit Option and related provisions to be applicable under this Rider, and the effective date for the contract.

(Continued To Sheet D-80.00)

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**EFFECTIVE FOR SERVICE RENDERED ON
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**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED APRIL 12, 2018
 IN CASE NO. U-18370**

ECONOMIC DEVELOPMENT RIDER

(Continued From Sheet No. D-79.00)

The customer may discontinue service under this Rider before the end of the contract term only by reimbursing the Company for any Billing Credits received under this Rider according to the following schedule:

Years 1 to 5- 100%
Years 6 to 8- 2.5% per each billing period remaining under the terms of the contract

Special Terms and Conditions.

Except as otherwise provided in this Rider, written agreements shall remain subject to all of the provisions of the appropriate tariff. This Rider is subject to the Company's Terms and Conditions of Service.

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**EFFECTIVE FOR SERVICE RENDERED ON AND
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**ISSUED UNDER AUTHORITY OF THE
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IN CASE NO. U-18370**

RIDER NMS-1
(Net Metering Service for Customer's With Generating Facilities of 20 kW or Less)

Availability of Service

Available for Net Metering Service to customers with qualifying renewable energy source generation facilities designed to operate in parallel with the Company's system. Customers served under this rider must also take Standard Service from the Company under the otherwise applicable tariff.

The total rated generating capacity of all net metering customers served under this rider shall be limited to one half of one percent (0.5%) of the Company's previous year's peak demand in kW. Service under this rider shall be available to customers on a first come, first served basis.

Conditions of Service

- (1) For purposes of this rider, a qualifying net metering facility is an electrical generating facility that complies with all of the following requirements:
- (a) As defined in MCL 460.1011(i), utilizes a renewable energy resource that naturally replenishes over a human, not a geological, time frame and that is ultimately derived from solar power, water power, or wind power. Renewable energy resource does not include petroleum, nuclear, natural gas, or coal. A renewable energy resource comes from the sun or from thermal inertia of the earth and minimizes the output of toxic material in the conversion of the energy and includes, but is not limited to, all of the following:
 - i. Biomass
 - ii. Solar and solar thermal energy
 - iii. Wind energy
 - iv. Kinetic energy of moving water, including the following:
 - 1. Waves, tides or currents
 - 2. Water released through a dam
 - v. Geothermal energy
 - vi. Municipal solid waste
 - vii. Landfill gas produced by municipal solid waste.
 - (b) Has a total rated capacity of 20 kW or less.
 - (c) Is located on the customer's premises.
 - (d) Is intended primarily to offset all or part of the customer's own electrical load requirements.
 - (e) Is designed and installed to operate in parallel with the Company's system without adversely affecting the operation of equipment and service of the Company and its customers and without presenting safety hazards to Company and customer personnel.

(Continued on Sheet No. D-82.00)

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RIDER NMS-1
(Net Metering Service for Customer's With Generating Facilities of 20 kW or Less)

(Continued from Sheet No. D-81.00)

A customer using biomass blended with fossil fuel as their renewable energy source must submit proof to the Company substantiating the percentage of fossil fuel blend either by (1) separately metering the fossil fuel or (2) providing other documentation that will allow the Company to correctly apply a generation credit to the output associated with the customer's renewable fuel only.

- (2) The customer's generation system shall be sized not to exceed the customer's electric needs. At the customer's option, the generation capacity shall be determined by the aggregate nameplate capacity of the generator or by an estimate of the expected annual kWh output of the generator. At the customer's option, the customer's annual electricity needs shall be determined by one of the following methods: (1) the customer's annual energy usage, measured in kWh, during the previous twelve month period; (2) for a customer with metered demand data available, the maximum integrated hourly demand measured in kW during the previous twelve month period; or (3) in cases where no data, incomplete data or incorrect data for the customer's previous twelve month energy usage exists, or the customer is making changes on-site that will affect the customer's usage, the Company and the customer shall mutually agree on a method to determine the customer's annual electric needs.
- (3) A customer seeking to interconnect an eligible net metering facility to the Company's system must submit to the Company's designated personnel a completed Interconnection Application, including any required application fees. The Company's net metering application fee is \$25 and its interconnection application fee is \$75. The requirements for interconnecting customer electric generating equipment with the Company's facilities are contained in the Commission's Electric Interconnection and Net Metering Standards Rules and the Company's technical requirements for interconnection. The Company will provide copies of all applicable forms and documents to customers upon request.
- (4) An interconnection agreement between the Company and the eligible net metering customer must be executed before the net metering facility may be interconnected with the Company's system.

Metering

The Company may determine the customer's net usage using the customer's existing meter if it is capable of reverse registration or may, at the Company's expense, install a single meter with separate registers measuring power flow in each direction. If the Company uses the customer's existing meter, the Company shall test and calibrate the meter to assure accuracy in both directions. If the customer's meter is not capable of reverse registration and if meter upgrades or modifications are required, the Company shall provide a meter or meters capable of measuring the flow of energy in both directions to the customer at the Company's cost. Only the incremental cost above that for meter(s) provided by the Company to similarly situated nongenerating customers shall be paid by the eligible customer. A generator meter will be supplied to the customer, at the customer's request, at the Company's cost.

The Company may, with the customer's permission and at its own expense, install one or more additional meters to monitor the flow of electricity.

(Continued on Sheet No. D-83.00)

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RIDER NMS-1
(Net Metering Service for Customer's With Generating Facilities of 20 kW or Less)

(Continued from Sheet No. D-82.00)

Monthly Charges

Monthly charges for energy, and demand where applicable, to serve the customer shall be determined according to the Company's standard service tariff under which the customer would otherwise be served, absent the customer's electric generating facility.

Monthly charges for energy shall be determined under the customer's standard service tariff and shall be based on the net energy delivered by the Company to the customer, calculated by subtracting the energy, if any, delivered by the customer to the Company from the energy delivered by the Company to the customer.

If the customer's net monthly billing under the standard service tariff is negative during the billing period, credit for the negative net billing shall be at the customer's full retail rate and shall appear on the customer's next monthly bill. Any credit not used to offset current charges shall be carried forward for use in subsequent billing periods. Upon termination of service from the Company, any remaining credit amount shall be refunded to the customer.

Special Terms and Conditions

This rider is subject to the Company's Terms and Conditions of Standard Service and all provisions of the tariff under which the customer takes service. This rider is also subject to provisions of the Company's technical requirements for interconnection.

The Company's net metering program shall be open for customer enrollments for a period of at least ten years from the original effective date of this rider. A participating customer may terminate their participation in this program at any time.

An eligible electric generator shall own any renewable energy credits granted for electricity generated under the net metering program. The Company may purchase or trade renewable energy certificates from a net metering customer if agreed to by the customer.

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RIDER NMS-2

(Net Metering Service for Customer's With Generating Facilities Greater than 20 kW)

Availability of Service

Available for Net Metering Service to customers with qualifying renewable energy source generation facilities designed to operate in parallel with the Company's system. Customers served under this rider must also take Standard Service from the Company under the otherwise applicable tariff.

The total rated generating capacity of all net metering customers served under this rider shall be limited to not more than one quarter of one percent (0.25%) of the Company's previous year's peak demand in kW for customers with a system capable of generating more than 20 kW but not more than 150 kW and not more than one quarter of one percent (0.25%) for customers with a system capable of generating more than 150 kW. Service under this rider shall be available to customers on a first come, first served basis.

Conditions of Service

- (1) For purposes of this rider, a qualifying net metering facility is an electrical generating facility that complies with all of the following requirements:
- (a) As defined in MCL 460.1011(i), utilizes a renewable energy resource that naturally replenishes over a human, not a geological, time frame and that is ultimately derived from solar power, water power, or wind power. Renewable energy resource does not include petroleum, nuclear, natural gas, or coal. A renewable energy resource comes from the sun or from thermal inertia of the earth and minimizes the output of toxic material in the conversion of the energy and includes, but is not limited to, all of the following:
 - i. Biomass
 - ii. Solar and solar thermal energy
 - iii. Wind energy
 - iv. Kinetic energy of moving water, including the following:
 - 1. Waves, tides or currents
 - 2. Water released through a dam
 - v. Geothermal energy
 - vi. Municipal solid waste
 - vii. Landfill gas produced by municipal solid waste.
 - (b) Has a total rated capacity of greater than 20 kW but not more than 150 kW of aggregate generation at a single site for a renewable energy system and not more than 550 kW of aggregate generation at a single site for a methane digester.
 - (c) Is located on the customer's premises.
 - (d) Is intended primarily to offset all or part of the customer's own electrical load requirements.

(Continued on Sheet No. D-85.00)

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RIDER NMS-2

(Net Metering Service for Customer's With Generating Facilities Greater than 20 kW)

(Continued from Sheet No. D-84.00)

- (e) Is designed and installed to operate in parallel with the Company's system without adversely affecting the operation of equipment and service of the Company and its customers and without presenting safety hazards to Company and customer personnel.

A customer using biomass blended with fossil fuel as their renewable energy source must submit proof to the Company substantiating the percentage of fossil fuel blend either by (1) separately metering the fossil fuel or (2) providing other documentation that will allow the Company to correctly apply a generation credit to the output associated with the customer's renewable fuel only.

- (2) The customer's generation system shall be sized not to exceed the customer's electric needs. At the customer's option, the generation capacity shall be determined by the aggregate nameplate capacity of the generator or by an estimate of the expected annual kWh output of the generator. At the customer's option, the customer's annual electricity needs shall be determined by one of the following methods: (1) the customer's annual energy usage, measured in kWh, during the previous twelve month period; (2) for a customer with metered demand data available, the maximum integrated hourly demand measured in kW during the previous twelve month period; or (3) in cases where no data, incomplete data or incorrect data for the customer's previous twelve month energy usage exists, or the customer is making changes on-site that will affect the customer's usage, the Company and the customer shall mutually agree on a method to determine the customer's annual electric needs.
- (3) A customer seeking to interconnect an eligible net metering facility to the Company's system must submit to the Company's designated personnel a completed Interconnection Application, including any required application fees. The Company's net metering application fee is \$25 and its interconnection application fee is \$75. The requirements for interconnecting customer electric generating equipment with the Company's facilities are contained in the Commission's Electric Interconnection and Net Metering Standards Rules and the Company's technical requirements for interconnection. The Company will provide copies of all applicable forms and documents to customers upon request.
- (4) An interconnection agreement between the Company and the eligible net metering customer must be executed before the net metering facility may be interconnected with the Company's system.

Metering

The Company may determine the customer's net usage using the customer's existing meter if it is capable of reverse registration or may, at the Company's expense, install a single meter with separate registers measuring power flow in each direction. If the Company uses the customer's existing meter, the Company shall test and calibrate the meter to assure accuracy in both directions. If the customer's meter is not capable of reverse registration and if meter upgrades or modifications are required, the Company shall provide a meter or meters capable of measuring the flow of energy in both directions to the customer at the Company's cost. For customers with a generation system capable of generating more than 20 kW and up to 150 kW, only the

(Continued on Sheet No. D-86.00)

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RIDER NMS-2
(Net Metering Service for Customer's With Generating Facilities Greater than 20 kW)

(Continued from Sheet No. D-85.00)

incremental cost above that for meter(s) provided by the Company to similarly situated nongenerating customers shall be paid by the eligible customer. Customers with a generation system capable of generating more than 150 kW shall be responsible for the Company's full cost of providing any necessary additional metering.

For customers served under this rider, the Company shall install and utilize a generation meter to measure the output of the customer's generator. For customers with generation systems capable of generating 150 kW or less, the cost of the meter shall be considered a cost of operating the Company's net metering program and shall be supplied by the Company at no additional cost to the customer. Customers with generation systems capable of generating more than 150 kW shall be responsible for the Company's full cost of providing such additional metering.

The Company may, with the customer's permission and at its own expense, install one or more additional meters to monitor the flow of electricity.

Monthly Charges

Monthly charges for energy, and demand where applicable, to serve the customer shall be determined according to the Company's standard service tariff under which the customer would otherwise be served, absent the customer's electric generating facility. Monthly transmission and distribution charges for energy shall be determined under the customer's standard service tariff and shall be computed based on the energy delivered by the Company to the customer without reduction for the energy, if any, delivered by the customer to the Company.

Monthly generation charges for energy shall be determined under the customer's standard service tariff and shall be based on the net energy delivered by the Company to the customer, calculated by subtracting the energy, if any, delivered by the customer to the Company from the energy delivered by the Company to the customer.

If the customer's net monthly generation charge billing under the standard service tariff is negative during the billing period, the negative net generation billing shall not be used to reduce the customer's current monthly bill for transmission and distribution service. Instead, the negative net generation billing amount shall appear on the customer's next bill and shall be allowed to accumulate as a \$ credit to offset generation billing in the next billing period. Unused generation credits, if any, will be carried over from month to month and applied to generation billing in subsequent billing months. Generation credits shall not be used to reduce charges for transmission and distribution service. Upon termination of service from the Company, any remaining credit amount shall be refunded to the customer.

Standby Charges

Customers with a generation system capable of generating more than 150 kW shall pay standby costs.

(Continued on Sheet No. D-87.00)

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RIDER NMS-2

(Net Metering Service for Customer's With Generating Facilities Greater than 20 kW)

(Continued from Sheet No. D-86.00)

Standby charges for net metering customers on an energy rate schedule shall equal the retail distribution charge applied to the imputed customer usage during the billing period. The imputed customer usage is calculated as the sum of the metered on-site generation and the net of the bidirectional flow of power across the customer interconnection during the billing period. The Commission shall establish standby charges for net metering customers on demand-based rate schedules that provide an equivalent contribution to Company system costs. Standby charges shall not be applied to customers with systems capable of generating 150 kW or less.

Special Terms and Conditions

This rider is subject to the Company's Terms and Conditions of Standard Service and all provisions of the tariff under which the customer takes service. This rider is also subject to provisions of the Company's technical requirements for interconnection.

The Company's net metering program shall be open for customer enrollments for a period of at least ten years from the original effective date of this rider. A participating customer may terminate their participation in this program at any time.

An eligible electric generator shall own any renewable energy credits granted for electricity generated under the net metering program. The Company may purchase or trade renewable energy certificates from a net metering customer if agreed to by the customer.

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**RIDER ROS
(RESALE OF SERVICE)**

Availability of Service

Available to general service customers who take Standard Service from the Company under Tariffs GS, , LGS, or LP and who are currently engaged in Resale of Service (ROS).

Electricity supplied to a customer is for exclusive use on the premises to which it is delivered by the Company. Customers desiring to resell electric service must secure authority from the Company which will be evidenced by a rider attached to the contract for service. Resale of service is available only for customers currently reselling as of April 1, 2006 and is closed to new service or expanded service for resale.

If the reselling customer elects to take service under the Company's Open Access Distribution Service Tariffs, the ultimate user (residential, commercial or industrial customer) shall be served and charged for such service under the Open Access Distribution Service Tariff in the Company's rate schedule available for similar services under like conditions.

The reselling customer shall provide notice to ultimate users of the decision to obtain electric service pursuant to the Open Access Distribution Service Tariff and that as a result, the ultimate user's generation and transmission charges are no longer regulated by the Michigan Public Service Commission.

Multiple Occupancy Buildings

The owner or operator of an office building, apartment building, or shopping center with at least thirty ultimate users (or less at the option of the Company) whose combined requirements regularly exceed 20,000 kilowatt hours per month, may purchase electric energy from the Company for resale to the ultimate users on the condition that service to each ultimate user shall be separately metered, and that the ultimate users shall be charged for such service the current rate of the Company for similar service under like conditions.

No customer may charge any ultimate user more for resold electric service purchased from the Company than the ultimate user would be charged by the Company if served directly. If this requirement is violated, service under this rider may be terminated by the Company. The renting of premises with the cost of electric service included in the rental is held not to be a resale of service. The Company does not furnish nor maintain meters for the resale of energy by customers.

Mobile Home Parks

Mobile home park operators may purchase electric energy from the Company for resale to ultimate users, provided that service to each ultimate user buying energy shall be separately metered and billed no more for resold electric service purchased from the Company than the ultimate user would be charged by the Company if served directly.

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**RIDER ROS
(RESALE OF SERVICE)**

(Continued From Sheet No. D-88.00)

A mobile home park operator shall provide the distribution system in the park and meters acceptable to the Company suitably protected from the weather.

If a mobile home park operator resells energy without complying with the above provisions, service under this rider may be terminated by the Company.

Term of Contract

The customer may take service under any applicable filed tariff listed above but the customer will be required to sign a rider modifying the contract form prescribed for the applicable filed tariff.

A service contract shall provide that each ultimate user's billing shall be audited once every nine (9) to fifteen (15) months. At the option of the reselling customer, the audit will be conducted either by the Company or by an independent auditing firm, approved by the Company. The reselling customer will be assessed a reasonable fee for an audit conducted by the Company. Where the audit is conducted by an independent auditing firm, a certified copy of the results of such audit shall be immediately submitted to the Company in a form approved by the Company.

The service contract shall also provide that the reselling customer will be responsible for the testing of meters used for resale at the time of initially taking service under this Rider and at least once every three (3) years thereafter, and the accuracy of such meters shall be maintained within the limits as prescribed in Michigan Public Service Commission Order No. U-6400. Meters shall only be tested by the Company for a reasonable fee or by outside testing services or laboratories approved by the Company with a certified copy of all testing results immediately submitted to the Company.

A record of each meter, including testing results, shall be kept by the reselling customer during use of the meter and for an additional period of one year thereafter. When requested, the reselling customer shall submit certified copies of testing service or laboratory results to the Company or the Michigan Public Service Commission.

The reselling customer shall supply each ultimate user with an electrical system adequate to meet the needs of the ultimate user with respect to the nature of service, voltage level, and other conditions of service.

If a reselling customer fails to meet the obligations under this rider, the Company shall immediately notify the Michigan Public Service Commission Staff. If, after review with the reselling customer, the problem is not resolved, the Company will discontinue electric service until such time as the problem is resolved. The Company shall not incur any liability as the result of this discontinuance of electric service.

Notwithstanding Rules 460.3901 (1) through (4), a deposit may be required from Rider ROS customers in an amount not to exceed six times the peak season monthly bill for service under this Rider.

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**RIDER HEM
(Home Energy Management Rider)**

Availability of Service.

Available on a voluntary basis for customers receiving residential electric service who desire to participate in a state-of-the art energy management program.

For non-owner occupied multi-family dwellings, the Company may require property owner authorization for customers to install the required smart, WiFi enabled load control equipment and, if necessary, auxiliary communicating devices such as remote sensors or additional control devices. Customers will not be eligible for this rider if the property owner does not allow installation of such equipment.

Program Description.

To participate, customers, or their authorized agents, must install program compliant smart, WiFi enabled load control equipment, connect that equipment to their home WiFi broadband internet connection, and maintain that connection for the duration of the program. Also, if necessary, the customer must install any program required auxiliary communicating devices to further facilitate the program's management and control of certain customer owned loads. All such devices shall be installed at a time that is consistent with the orderly and efficient deployment of this program. Customer load control equipment must comply with the Company's approved list of devices. Initially, the Company will determine and provide a program smart, WiFi thermostat compliant list, but as technology, device capability, and the program's energy management platform evolves, the Company may allow and provide for additional approved devices, where the program is eventually anticipated to accommodate a Bring Your Own Device (BYOD) energy management capability.

The Company will utilize an energy management software platform that will operate and control customer load control devices to reduce and optimize customer's energy use. The Company's energy management platform will operate to optimize energy use through load shaping to achieve optimum and efficient customer use of electricity.

Program energy management activities can occur during peak and non-peak periods determined at the sole discretion of the Company. The Company will utilize a continuous load shaping strategy where energy management activities undertaken through this program will occur within customer-selected home temperature threshold set points to minimize customer comfort impact. However, other energy management strategies may be employed and evaluated to determine the strategy that optimizes energy reduction without affecting customer comfort within the pre-determined customer preference set points. Energy management activities will focus on control of the central electric cooling/heat pump unit(s) during any month of the year.

Peak period energy management events shall curtail customer load based on system need, at the sole discretion of the Company, during the months of May through September and shall not exceed 15 events per year with no single event lasting more than six (6) consecutive hours and no more than one event per day.

(Cont'd on Sheet No. D-90.10)

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**RIDER HEM
(Home Energy Management Rider)**

(Cont'd from Sheet No. D-90.00)

Non-peak energy management activities will seek to optimize customer central electric cooling/heat pump unit(s) usage according to customer selected home temperature threshold set points in order to minimize customer comfort impact but maximize efficient operation of the equipment to achieve reduced energy consumption for the relevant operation period of the year for this equipment.

The Company may communicate events to customers through the energy management platform, via a smart phone application push notification, or via email or other electronic notification means. The customer may opt out of an energy management event by adjusting the temperature set point of the thermostat. The Company's energy management software algorithm will facilitate and accept the temperature adjustment as an event opt out unless customer internet and WiFi connectivity issues inhibit such activity.

Energy Management Credit.

Customers shall receive a monthly billing credit for the number of peak period energy management events called and participated in per month for each central electric cooling/heat pump unit controlled during the billing months of May through September. Monthly billing credits will be calculated and applied to customer bills at \$1.95 per event called and participated in, based upon final determination of event participation and Company billing period cycles. For the purpose of determining the total annual Energy Management Credit, peak period energy management events shall not exceed 15 events per year and shall occur only during the months of May through September.

Customers that opt out of energy management events shall not be eligible for a billing credit for those events. Customers shall not be eligible for energy management credits if the Company's energy management platform cannot manage customer loads during peak period events due to issues such as customer internet and/or WiFi outages or lack of connectivity.

Such credit shall not reduce the customer's bill below the minimum charge as specified in the tariff under which the customer takes service.

No monthly billing credit will be provided or paid to customers for non-peak period energy management activities that seek to optimize and reduce the customers' energy consumption through this program.

Contract.

Participating customers must agree to participate for an initial period of one (1) year and thereafter may discontinue participation by contacting the Company.

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RIDER HEM
(Residential Home Energy Management Rider)

(Cont'd from Sheet No. D-90.10)

Equipment.

The customer, or its authorized agent, will furnish and install, smart, WiFi enabled and broadband internet connected load control equipment, and, if necessary, an auxiliary communicating device. All equipment will be owned and maintained by the customer, from installation, throughout program participation, and until such time as the Home Energy Management Program is discontinued or the customer requests to be removed from the program after completing the initial period of one (1) year. At that time, the Company will cease both its energy management and control of the program equipment, along with any auxiliary communicating devices, and the Energy Management Credit provided for by the program.

Should the customer lose, damage, or not maintain the required WiFi and internet connectivity of the load control devices or auxiliary communicating equipment, the Company will contact the customer in an attempt to reinstate program required equipment functionality. If such attempts by the Company do not facilitate reinstatement of the program required functionality, the Company will remove the customer from the program and will cease the Energy Management Credit. Customer will receive credits for any events called and participated in by the customer prior to removal from the program.

Special Terms and Conditions.

This rider is subject to the Company's Terms and Conditions of Service and all provisions of the tariff under which the customer takes service, including all payment provisions.

The Company shall not be required to offer the program to customers who cannot maintain WiFi and internet connectivity for required functionality of the load control equipment, or if the continued operation of the program cannot be justified for reasons such as: customer preference, electric power market conditions, technological functionality and limitations, safety concerns, or abnormal customer premise conditions, including vacation or other limited occupancy residences.

The Company and its authorized agents shall confirm installation through WiFi and internet connectivity of the load control device(s). In the event full WiFi and internet connectivity is not available, the Company may require access to inspect the load control device(s) and/or provide the customer thirty (30) days to successfully restore or provide full WiFi and internet connectivity. Should full WiFi and internet connectivity not be available after 30 days, the customer will be promptly removed from the program and the Energy Management Credit discontinued until such time as the Company is able to gain the required access. The Company shall not be responsible for the repair, maintenance or replacement of any customer-owned equipment.

Customer-specific information within data collected during the course of this energy management and control program will be held as confidential and data presented in any analysis will protect the identity of the individual customer.

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**RIDER WEM
(Work Energy Management Rider)**

Availability of Service

Available on a voluntary basis to customers taking firm service from the Company under Tariffs GS, GS-TOD, GS-TOD2, LGS, LP, MS, WSS, or EHS who have the ability to reduce consumption under the provisions of this rider. The Company's Work Energy Management (WEM) program provides participating customers an opportunity to voluntarily respond to locational marginal prices (LMP) by reducing consumption and receiving payment for such reduction during those times when LMP prices are high.

For non-owner occupied commercial and industrial buildings, the Company may require customers to obtain permission from the building owner to install the required load control equipment and, if necessary, auxiliary communicating devices such as remote sensors or additional control devices. Customers will not be eligible for this rider if the owner does not allow installation of such equipment or does not agree to program terms and requirements through a contractual agreement.

Customers participating in this rider are not eligible for enrollment in any other Company or PJM Interconnection, L.L.C. RTO (PJM) demand response program.

Conditions of Service

- (1) The Company reserves the right to make changes to this rider in order to continue effective program operation.
- (2) An interval meter is required. The Company will provide this meter as part of the program to qualifying participants.
- (3) The Company will inform the participant regarding the communication process and timing required to participate in this program and rider. The customer is ultimately responsible for receiving and acting upon notifications as part of this program and rider.
- (4) Participants shall not receive credit for any curtailment periods to the extent that the customer's program managed load is already reduced due to a planned or unplanned outage as a result of vacation, renovation, repair, refurbishment force majeure, strike, economic conditions, or any event other than the Company's program that causes the customer's energy consumption to fall outside of that considered normal operating conditions.

Program Description

To participate, customers, or their authorized agents, must allow the Company and its authorized agents to install program compliant load control equipment, connect that equipment to Company owned communication equipment, and maintain both the load control equipment and associated communication equipment connections for the duration of the program. Also, if necessary, the customer must allow the Company to install any program required auxiliary communicating devices to further facilitate the program's management and control of certain customer loads and/or customer sited electric power supply equipment as deemed necessary and appropriate for program operation. The program will initially, but not exclusively, focus on the customer's end-use lighting and

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**RIDER WEM
(Work Energy Management Rider)**

(Cont'd from Sheet No. D-91.00)

HVAC unit(s) loads for program remote control and management. Load control equipment available to participate in the program will be jointly determined and agreed upon by the Company, the Company's authorized agents and the customer. All such devices shall be installed at a time that is consistent with the orderly and efficient deployment of this program. The load control equipment must comply with the Company's approved list of devices. The customer must allow the Company to interface both through software algorithms and hardware devices to existing customer end-use load and communication equipment. The Company and its authorized agents will perform an initial site survey in order to fully determine and assess the viability of customer end use load and electric energy usage and consumption patterns to validate customer participation and program effectiveness. The Company and its authorized agents will maintain all program equipment installed on customer premises for the duration of the customer's participation of the program. The Company and its authorized agent will provide customer access and use of program energy management and control software for the duration of the customer's participation in the program.

The Company will utilize an energy management software platform that will operate and control customer load control devices to reduce customer's demand and energy use. The Company's energy management platform will operate to optimize energy use through load shaping to achieve optimum and efficient customer use of electricity. Energy reductions will be coordinated during electric power system peak load periods determined at the sole discretion of the Company. Non-emergency energy management events can occur for up to 800 hours per year with no single event lasting more than six (6) consecutive hours. The Company plans to initially target energy management events for up to 487 hours per year but reserves the right to undertake energy management events up to 800 hours per year according to, and appropriate for, individual Customer load profiles and business operating conditions and requirements. The Company and its authorized agent may utilize a load shaping strategy; however, other strategies may be employed and evaluated to determine the strategy that optimizes energy reduction without significantly affecting predetermined customer business preferences, operating conditions, and requirements.

Energy management events will be called according to and in alignment with predetermined customer preferences and business requirements. Non-emergency energy management events shall not exceed 800 hours per year and depend upon individual customer load profile and energy use footprint.

The customer may opt out of a non-emergency energy management event through the program energy management system software platform or by contacting the Company and/or its authorized agent personnel. The Company's energy management software algorithm will facilitate and accept the event opt out. The Company will communicate events to customers through the energy management platform and via other means required by the customer. The method of event notification may change as determined by the Company and in conjunction with customers, to email or other electronic notification means.

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RIDER WEM
(Work Energy Management Rider)

(Cont'd from Sheet No. D-91.10)

Energy Management Credit

Customers will only receive either a monthly or annual payment, as mutually agreed upon by each customer and the Company, based on the Hourly Curtailed Energy and 90% of the applicable LMP (Day-Ahead) established by PJM (including congestion and marginal losses) . Energy Management Credits will vary based on market hourly energy prices and program effectiveness as determined by the Company and its authorized agent. No payment will be made to customers who opt out of energy management activity for the period of time that the customer opted out for. The Company may assess a penalty to customers who opt out of Company determined system emergency conditions at a penalty rate consistent with and based upon the Company's cost to provide such opt out energy during emergency conditions.

Equipment

The Company, and its authorized agent, will furnish and install load control equipment, and, as necessary, auxiliary communicating devices at the customer's premise. All equipment will be owned and maintained by the Company and its authorized agent until such time as the Work Energy Management Program is discontinued or the customer requests to be removed from the program after completing the initial period of three (3) years. At that time, the Company will cease both its energy management and control of the load control equipment and any auxiliary communicating devices, remove Company owned program equipment, and cease annual customer incentives paid by the program.

Should the customer lose, damage, or not allow the Company and its authorize agent to operate and maintain the required load control devices and auxiliary communicating equipment, the Company and its authorized agent will contact the customer in an attempt to re-instate program required equipment functionality. If such attempts by the Company do not facilitate reinstating the program required functionality, the Company will remove the customer from the program, remove Company owned equipment, and will cease the program customer incentive payments.

Contract

Participating customers must agree to participate for an initial period of not less than three (3) years and shall remain a participant thereafter until either party gives at least six months' written notice to the other of the intention to discontinue participation under the terms of this rider.

Curtailed Energy

For each curtailment period, Curtailed Energy shall be defined as the difference between the customer's Customer Baseline Load (CBL) calculation and the customer's actual energy used during each hour of the curtailment period.

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RIDER WEM
(Work Energy Management Rider)

(Cont'd from Sheet No. D-91.20)

Customer Baseline Load Calculation

The Company will utilize the energy management platform data and Company billing system data to determine a Customer Baseline Load (CBL) for each hour corresponding to each curtailment event hour in order to determine the amount of energy reduced for Energy Management Credit purposes. The CBL shall accurately reflect the customer's normal consumption profile, to the extent possible. The Company will provide to each WEM program customer how the CBL is determined.

Special Terms and Conditions

This rider is subject to the Company's Terms and Conditions of Service and all provisions of the tariff under which the customer takes service, including all payment provisions.

The Company shall not be required to offer the program to customers when the Company and its authorized agent cannot maintain the required functionality of the load control equipment, or if the continued operation of the program cannot be justified for reasons such as: customer preference, electric power market conditions, technological functionality and limitations, safety concerns, or abnormal customer premise conditions, including vacation or other limited occupancy residences.

The Company and its authorized agents shall be permitted access to the customer's premises during normal business hours to confirm installation and connectivity of the load control device(s). In the event the Company requires access to load control device(s), and the customer does not provide such access within 30 days of the request, the Company may discontinue the Energy Management Credit until such time as the Company is able to gain the required access. The Company shall not be responsible for the repair, maintenance or replacement of any customer-owned equipment.

The Company will collect data during the course of this energy management and control program. Customer-specific information will be held as confidential and data presented in any analysis will protect the identity of the individual customer.

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VOLUNTARY GREEN PRICING PROGRAM

Availability of Service

The Voluntary Green Pricing Program (VGP or Rider) is available on a voluntary basis to customers in good standing, taking Standard Service from the Company who desire to have a greater portion of their monthly electric usage attributed to renewable energy resources. Renewable energy available under the VGP will be sourced from Company's solar and wind renewable resources approved in its Renewable Energy Plan (REP).

Conditions of Service

Customers enrolling into the VGP shall choose the percentage of their electric usage, in 10% increments, to be attributed to renewable resources, at a level beyond the renewable energy all customers receive from the Company's generation fleet.

Participating customers that elect to receive at least 50% of the customer's average monthly electricity consumption through the VGP are exempt from paying surcharges for incremental costs of compliance under the Company's REP. Participating customers that elect to receive less than 50% of the customer's average monthly electricity consumption through the VGP will be responsible for the full applicable charges under the VGP and for the incremental costs of compliance under the REP.

The VGP surcharge is designed to recover cost to develop, construct, operate and maintain the subscribed level of renewable resources in addition to the related VGP program management and marketing costs.

Monthly Rate

In addition to the monthly charges determined according to the Company's Standard Service rate schedule, under which the customer takes service, customers taking service under the VGP will be subject to the VGP surcharge for the energy the customer agrees to purchase pursuant to this Rider. The surcharge is a per kWh charge which recovers all costs associated with the renewable energy being provided pursuant to this Rider and program management and marketing costs. The VGP surcharge is \$0.0247 per kWh.

The Company will revise the VGP surcharge on a biennial basis beginning in October, 2019, or more frequent as appropriate.

Customers subscribing to 50% or more of their monthly usage under the VGP will have the current Renewable Energy Surcharge removed from their billing statement.

(Continued on Sheet No. D-92.10)

ISSUED MAY 9, 2018
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

Michigan Public Service Commission
May 10, 2018
Filed DBR _____

**EFFECTIVE FOR BILLS RENDERED
BEGINNING WITH THE BILLING MONTH OF
MAY 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 18, 2018
IN CASE NO. U-18353**

VOLUNTARY GREEN PRICING PROGRAM

(Continued from Sheet No. D-92.00)

Terms of Service

This is a voluntary program. Eligible customers may participate by applying to the Company to add the VGP to the Standard Service tariff under which they are currently served. Once approved, service will begin as soon as practical at one of the customer's regular scheduled meter reading dates. Customers must continue receiving service under this Rider for a minimum of 3 consecutive months, after which Customers or the Company may terminate service under the VGP program by providing at least thirty (30) days' notice to the other party.

Special Terms and Conditions

Renewable energy available under the VGP will be sourced from Company's solar and wind renewable resources approved in its REP by the Commission's Order in Case No. U-17794, and future approved REPs.

Renewable Energy Certificates (REC) resulting from the generation of the energy purchased through the VGP shall be retired by the Company on the participants' behalf. These RECs will be ineligible to be used by the Company to comply with Public Act 295 of 2008, the Michigan Clean, Renewable, and Efficient Energy Act, or similar act or law.

All revenue collected by the Company pursuant to the VGP program will be reconciled annually through the Company's REP. Revenues received from the VGP surcharge, excluding the portion collected for program management and marketing costs, will be credited as an offset to the costs included in the Renewable Energy Surcharge (RES) for all customers.

ISSUED MAY 9, 2019
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

Michigan Public Service Commission
May 10, 2018
Filed DBR _____

**EFFECTIVE FOR BILLS RENDERED
BEGINNING WITH THE BILLING MONTH OF
MAY 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 18, 2018
IN CASE NO. U-18353**

APPLICABLE POWER SUPPLY AND DELIVERY CHARGE SURCHARGES AND RIDERS

Commission-approved surcharges and riders applicable to Standard Service customers only:

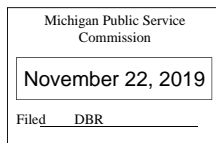
Power Supply Charges Applicable to Standard Service Customers	Sheet No.
Power Supply Cost Recovery Factor	D-94.00
Rate Realignment Surcharge/Credit	D-96.00
Renewable Energy Surcharge	D-99.00

Commission-approved surcharges and riders applicable to Standard Service and Open Access Distribution Service customers:

Delivery Charges Applicable to Standard Service and Open Access Distribution Service customers	Sheet No.
Energy Waste Reduction Surcharge	D-97.00
Nuclear Decommissioning Surcharge	D-98.00
Net Lost Revenue Tracker Surcharge	D-100.00
Low-Income Energy Assistance Fund Surcharge	D-101.00
Tax Reform Credit A Rider	D-102.00
Tax Reform Credit C Rider	D-103.00

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**ISSUED NOVEMBER 20, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF DECEMBER 2019**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 14, 2019
IN CASE NO. U-20317**

POWER SUPPLY COST RECOVERY FACTOR

This clause permits the monthly adjustment of rates for power supply to allow recovery of the booked costs, including transportation costs, reclamation costs, and disposal and reprocessing costs, of fuel burned for electric generation, the booked costs of purchased and net interchange power transactions and the cost of transmission service incurred under reasonable and prudent policies and practices. All rates for standard Michigan retail electric service, unless otherwise provided in the applicable rate schedule, shall include a Power Supply Cost Recovery factor.

For purposes of this clause, the following definitions apply:

"Power supply cost recovery factor" means that element of the rates to be charged for electric service to reflect power supply costs incurred and made pursuant to a power supply cost recovery clause incorporated in the rates or rate schedule.

"Power supply cost recovery plan" means a filing made at least annually describing the expected sources of electric power supply and changes over a future 12-month period specified by the Commission and requesting for each of those 12 months a specific power supply cost recovery factor.

"Power supply costs" means those elements of allowable costs of fuel, purchased and net interchanged power costs, and transmission costs as determined by the Commission to be included in the calculation of the power supply cost recovery factor.

"Cost of power" means those elements of costs of fuel and purchased and net interchanged power costs as determined by the Commission to be recovered in base rates pursuant to a general rate proceeding but which are not allowable in the calculation of the monthly power supply cost recovery factor.

The Power Supply Cost Recovery factor shall, in accordance with the hearing procedures adopted by the Michigan Public Service Commission, consist of 0.01046 mills per kWh for each full .01 mill per kWh of power supply costs, rounded to the nearest .01 mills per kWh, less an amount of 37.71 mills per kWh representing power supply costs included in base rates.

The power supply cost recovery factor to be applied to the Company's Michigan retail customers' monthly kilowatt-hour usage represents the power supply costs as established by Commission order pursuant to a power supply and cost review hearing conducted by the Commission. The power supply and cost review will be conducted not less than once a year for the purpose of evaluating the power supply cost recovery plan filed by the Company and to authorize an appropriate power supply cost recovery factor. Contemporaneously with its power supply cost recovery plan, the Company will file a five-year forecast of the power supply requirements of its customers, its anticipated sources of supply, and projections of power supply costs.

(Continued on Sheet No. D-95.00)

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed <u> </u> DBR <u> </u>

**EFFECTIVE FOR SERVICE RENDERED
ON AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

POWER SUPPLY COST RECOVERY FACTOR

(Continued from Sheet No. D-94.00)

Not more than 45 days following the last day of each billing month in which a power supply cost recovery factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the power supply cost recovery factor, the allowance for cost of power included in the base rates established in the latest Commission order for the Company, and the cost of power supply.

Not less than once a year and not later than 90 days after the end of the 12-month period covered by the Company's most recently authorized power supply cost recovery plan, a power supply cost reconciliation proceeding will be commenced to reconcile the revenues recorded pursuant to the power supply cost recovery factor and the allowance for cost of power included in the base rates as established by the Commission under the Company's most recent power supply cost recovery plan, among other things. The Company shall be required to refund to customers, or to credit to customers' bills any net amount, plus interest, determined to have been recovered which is in excess of the amounts properly expensed by the Company for power supply. The Company shall recover from customers any net amount, plus interest, by which the amount determined to have been recovered over the period covered was less than the amount determined to have been properly expensed by the Company for power supply.

Maximum allowable Power Supply Cost Recovery Factors approved by the Commission:

(1)	(2)	(3)	(4)
Billing Month	Total PSCR Costs (Mills/kWh)	PSCR Costs In Base Rates (Mills/kWh)	PSCR Factor Charge/(Credit) (Mills/kWh)
			(Col. 2 - Col. 3)
May – Dec 2018	41.74	37.71	4.03
Jan – Dec 2019	33.14	37.71	(4.57)

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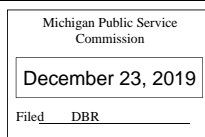
Should the Company apply a lesser factor than the above, or if the factor is later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission if necessary and file a revision to the above list.

Actual Power Supply Cost Recovery factors billed pursuant to 1982 PA 304, Section 6j(9):

(1)	(2)	(3)	(4)
Billing Month	Total PSCR Costs (Mills/kWh)	PSCR Costs In Base Rates (Mills/kWh)	PSCR Factor Charge/(Credit) (Mills/kWh)
			(Col. 2 - Col. 3)
May – Oct 2018	41.74	37.71	4.03
Nov – Dec 2018	33.14	37.71	(4.57)
Jan – Dec 2019	33.14	37.71	(4.57)
Jan – Dec 2020	35.61	37.71	(2.10)

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**ISSUED DECEMBER 20, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR BILLS RENDERED
FOR THE 2020 PSCR PLAN YEAR**

**ISSUED UNDER AUTHORITY OF
1982 PA 304, SECTION 6(j) AND THE
MICHIGAN PUBLIC SERVICE COMMISSION
IN CASE NO. U-20529**

RATE REALIGNMENT SURCHARGE/CREDIT

All customer bills subject to the provisions of this surcharge, including any bills rendered under special contract, shall be adjusted by the Rate Realignment Surcharge/Credit charge per kWh as follows:

Tariff	Year 2
	(¢/kWh)
RS, RS-TOD, RS-OPES/PEV, RS-SC, and RS-TOD2	0.0387
GS, GS-TOD and GS-TOD 2	0.0366
LGS	0.0256
LP and CS-IRP	0.0213
MS	0.0334
WSS	0.0252
EHS	(0.5118)
IS	(9.1830)
OSL	0.0853
SLS, SLC, ECLS and SLCM	0.0503

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**ISSUED APRIL 3, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service
Commission
April 4, 2019
Filed DBR

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF MAY 2019**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

**SURCHARGE RIDER EWR
(ENERGY WASTE REDUCTION SURCHARGE RIDER)**

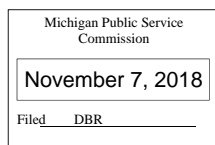
Energy Waste Reduction surcharges allow for the recovery of costs of implementing and conducting an approved energy waste reduction plan.

Energy Waste Reduction surcharges shall be revised annually in accordance with Sections 89(3) and 89(7) of 2008 PA 295, as amended by 2016 PA 342.

All customer bills subject to the provisions of this rider, including any bills rendered under special contract, shall be adjusted by the Energy Waste Reduction Surcharge Rider per kWh or Customer as follows:

Tariff	¢/kWh	\$/Customer/Mo.
RS, RS-TOD, RS-TOD2, RS-OPES/PEV, and RS-SC	0.273	
GS, GS TOD, GS-TOD2		9.03
GS (UNMETERED)	0.341	
LGS		827.93
LP		827.93
MS		9.03
WSS		9.03
CS-IRP		827.93
RTP		827.93
EHS		9.03
IS		9.03
OSL (UNMETERED)	0.341	
SLS, SLC AND ECLS (UNMETERED)	0.341	
SLCM		9.03

**ISSUED NOVEMBER 5, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**



**EFFECTIVE FOR BILLS RENDERED BEGINNING WITH
THE BILLING MONTH OF JANUARY 2019**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 24, 2018
IN CASE NO. U-20030**

NUCLEAR DECOMMISSIONING SURCHARGE

All customer bills subject to the provisions of this surcharge, including any bills rendered under special contract, shall be adjusted by the Nuclear Decommissioning Surcharge per kWh as follows:

Tariff	¢/kWh
RS, RS-TOD, RS-OPES/PEV, RS-SC, and RS-TOD2	0.100
GS, GS-TOD, and GS-TOD 2	0.113
LGS	0.1035
LP and CS-IRP	0.0896
MS	0.126
WSS	0.095
EHS	0.065
IS	0.157

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
May 10, 2018
Filed <u> </u> DBR <u> </u>

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

RENEWABLE ENERGY SURCHARGE

All customer bills subject to the provisions of this surcharge, including any bills rendered under special contract, shall be adjusted by the Renewable Energy Surcharge adjustment as follows:

Tariff		\$ / Month	
RS, RS-TOD, RS-OPES/PEV, RS-SC, and RS-TOD2		3.00	
GS-Sec, GS-TOD, GS-TOD2, WSS-Sec, LGS-Sec, MS, EHS, IS, SLS, SLC, ECLS, and SLCM	Monthly Consumption:		
	0-400 kWh per month	4.00	N
	401-850 kWh per month	8.00	N
	851-1,650 kWh per month	12.00	N
GS-Pri, GS-Sub, LGS-Pri, LGS-Sub, LP, WSS-Pri, WSS-Sub, and CS-IRP	Monthly Consumption:		
	0-11,500 kWh per month	16.58	N
	11,501-41,500 kWh per month	140.00	N
	Above 41,500 kWh per month	187.50	

**ISSUED MAY 18, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service
Commission
May 22, 2018
Filed DBR

**EFFECTIVE FOR BILLS RENDERED ON AND
AFTER MAY 30, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED MAY 17, 2018
IN CASE NO. U-18233**

NET LOST REVENUE TRACKER SURCHARGE

All customer bills subject to the provisions of this surcharge, including any bills rendered under special contract, shall be adjusted by the Net Lost Revenue Tracker Surcharge per kWh or Customer as follows:

Tariff	Power Supply		Delivery		Total	
		\$/Customer/Mo.		\$/Customer/Mo.		\$/Customer/Mo.
RS, RS-TOD, RS-LM-TOD, and RS-SC		0.00		0.00		0.00
GS (UNMETERED)		0.00		0.00		0.00
GS, GS-TOD and GS-TOD 2		0.0		0.0		0.0
LGS		0.0		0.0		0.0
LP		0.0		0.0		0.0
CS-IRP		0.0		0.0		0.0
MS		0.0		0.0		0.0
WSS		0.0		0.0		0.0
EHS		0.0		0.0		0.0
IS		0.0		0.0		0.0
OSL (UNMETERED)		0.00		0.00		0.00
SLS, SLC AND ECLS (UNMETERED)		0.00		0.00		0.00
SLCM		0.0		0.0		0.0

**ISSUED MAY 9, 2018
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service
Commission
May 10, 2018
Filed DBR

**EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER APRIL 26, 2018**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 12, 2018
IN CASE NO. U-18370**

LOW-INCOME ENERGY ASSISTANCE FUND SURCHARGE

The Low-Income Energy Assistance Fund Surcharge shall be added monthly to each retail billing meter account, but no more than one residential meter per residential site.

All customer bills subject to the provisions of this surcharge, including any bills rendered under special contract, shall be adjusted by the Low-Income Energy Assistance Fund Surcharge of \$0.92 per meter per month.

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**ISSUED JULY 26, 2019
BY TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

Michigan Public Service Commission
July 29, 2019
Filed <u>DBR</u>

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF SEPTEMBER 2019**

**ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED JULY 18, 2019
IN CASE NO. U-17377**

**TAX REFORM CREDIT A RIDER
 (TRCA)**

All customer bills subject to the provisions of this rider, including any bills rendered under special contract, shall be adjusted by the Tax Reform Credit A Rider adjustment factors per kW and per kWh as follows:

Tariff	Power Supply Non-Capacity		Delivery	
	Energy ¢/kWh	Demand \$/kW	Energy ¢/kWh	Demand \$/kW
RS, RS-TOD, RS-OPES/PEV, RS-SC and RS-TOD2	(0.2013)	-	(0.1622)	-
GS Secondary, GS-TOD, GS- TOD2	(0.2136)	-	(0.1324)	-
GS Primary	(0.2061)	-	(0.0758)	-
GS Subtransmission	(0.2050)	-	(0.0119)	-
LGS Secondary	(0.0182)	(0.73)	-	(0.37)
LGS LM-TOD	(0.1736)	-	(0.0785)	-
LGS Primary	(0.0177)	(0.72)	-	(0.25)
LGS Subtransmission	(0.0177)	(0.73)	-	-
LP Secondary	(0.0182)	(0.73)	-	(0.37)
LP Primary	(0.0178)	(0.79)	-	(0.26)
LP Subtransmission	(0.0177)	(0.73)	-	-
LP Transmission	(0.0178)	(0.58)	-	-
MS	(0.0182)	(0.41)	-	(0.31)
WSS Secondary	(0.1629)	-	(0.1082)	-
WSS Primary	(0.1656)	-	(0.0481)	-
WSS Subtransmission	(0.1711)	-	(0.0009)	-
EHS	(0.0178)	(0.45)	-	(0.30)
IS	(0.2833)	-	(0.3086)	-
OSL	(0.0643)	-	(0.8822)	-
SLS, SLC, ECLS AND SLCM	(0.0661)	-	(0.5102)	-

**ISSUED AUGUST 29, 2018
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA**

Michigan Public Service
 Commission
 August 29, 2018
 Filed DBR

**EFFECTIVE FOR SERVICE RENDERED
 ON AND AFTER SEPTEMBER 1, 2018**

**ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED AUGUST 28, 2018
 IN CASE NO. U-20107**

**TAX REFORM CALCULATION C RIDER
 (TRCC)**

All customer bills subject to the provisions of this rider, including any bills rendered under special contract, shall be adjusted by the Tax Reform Calculation C Rider adjustment factors per kW and per kWh as follows:

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Tariff	Power Supply Non-Capacity		Delivery	
	Energy ¢/kWh	Demand \$/kW	Energy ¢/kWh	Demand \$/kW
RS, RS-TOD, RS-OPES/PEV, RS-SC and RS-TOD2	(0.1486)	-	(0.0648)	-
GS Secondary, GS-TOD, GS- TOD2	(0.1589)	-	(0.0534)	-
GS Primary	(0.1524)	-	(0.0305)	-
GS Subtransmission	(0.1513)	-	(0.0046)	-
LGS Secondary	-	(0.59)	-	(0.15)
LGS LM-TOD	(0.1243)	-	(0.0315)	-
LGS Primary	-	(0.58)	-	(0.10)
LGS Subtransmission	-	(0.56)	-	-
LP Secondary	-	(0.59)	-	(0.15)
LP Primary	-	(0.62)	-	(0.10)
LP Subtransmission	-	(0.56)	-	-
LP Transmission	-	(0.42)	-	-
MS	-	(0.33)	-	(0.12)
WSS Secondary	(0.1155)	-	(0.0428)	-
WSS Primary	(0.1174)	-	(0.0190)	-
WSS Subtransmission	(0.1177)	-	(0.0003)	-
EHS	-	(0.38)	-	(0.13)
IS	(0.2484)	-	(0.1426)	-
OSL	(0.0357)	-	(0.3298)	-
SLS, SLC, ECLS AND SLCM	(0.0357)	-	(0.1864)	-

ISSUED NOVEMBER 20, 2019
 BY TOBY L. THOMAS
 PRESIDENT
 FORT WAYNE, INDIANA

EFFECTIVE FOR BILLS RENDERED BEGINNING WITH
 THE BILLING MONTH OF DECEMBER 2019

ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED NOVEMBER 14, 2019
 IN CASE NO. U-20317

Michigan Public Service Commission
November 22, 2019
Filed DBR _____