

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter of the application of)	
UPPER MICHIGAN ENERGY RESOURCES)	
CORPORATION for authority to increase electric)	Case No. U-21541
rates and for other relief.)	
_____)	

At the October 10, 2024 meeting of the Michigan Public Service Commission in Escanaba,
Michigan.

PRESENT: Hon. Daniel C. Scripps, Chair
Hon. Katherine L. Peretick, Commissioner

ORDER APPROVING SETTLEMENT AGREEMENT

On May 1, 2024, Upper Michigan Energy Resources Corporation (UMERC) filed an application with supporting testimony and exhibits, requesting, among other things, authority to increase its electric base rates revenue by \$11,162,357, based on a 2025 test year.

A prehearing conference was held on May 29, 2024, before Administrative Law Judge (ALJ) Sally L. Wallace, substituting for ALJ James M. Varchetti (ALJ Varchetti), at which intervention was recognized or granted to the Michigan Department of Attorney General, the Citizens Utility Board of Michigan, and Billerud Americas Corporation. UMERB and the Commission Staff (Staff) also participated in the proceeding. Also, on May 29, 2024, ALJ Varchetti issued a protective order for use in this matter.

On June 20, 2024, UMERC filed revised schedules to its Exhibit A-12. On June 26, 2024, this case was reassigned to ALJ Lesley C. Fairrow. Subsequently, the parties submitted a settlement agreement resolving all matters in the case.

Key terms of the settlement agreement, attached to this order as Exhibit A, include that, among other things, the parties agree that UMERC should be authorized to adjust its electric base rates for customers other than Tilden Mining Company L.C. to reflect an annual increase of \$6,600,000 on a service basis as of January 1, 2025. The parties agree that this revenue increase reflects the depreciation rates approved by the Commission in the July 23, 2024 order in Case No. U-21542. The parties agree that this increase represents an overall capital structure with 50.0% common equity and an authorized rate of return on common equity of 9.86%. The parties agree that UMERC's total electric sales forecast, excluding company use and loss, is 1,966,721 megawatt-hours (MWh) and that the rate increase will be allocated across customers classes in the manner set forth in Attachment A to the settlement agreement with the revised rates as set forth in Attachment B to the settlement agreement. Settlement agreement, pp. 2-3.

The parties agree that UMERC shall be authorized to implement rates consistent with those included in Attachment B to the settlement agreement beginning January 1, 2025. The parties agree that UMERC should be authorized to implement a rate realignment plan to gradually unify its WEPCo and WPSC rate zones by implementing Rate Realignment Adjustment (RRA) surcharges in the manner set forth in Attachment C to the settlement agreement. The RRA surcharges will go into effect on January 1, 2025, and be updated annually on January 1 of each year thereafter. According to the settlement agreement, the RRA allows for a gradual implementation of cost-based rates to be evenly assessed according to the actual cost of service by class as required under MCL 460.11(1). The parties request that the Commission find, in

accordance with MCL 460.11(1), “that the impact of imposing cost of service rates on customers of an electric utility would have a material impact on customer rates,” and therefore “approve an order that implements those rates over a suitable number of years” as set forth in the settlement agreement and the RRA schedule in Attachment C. Settlement agreement, p. 3 (quoting MCL 460.11(1)). In the settlement agreement, the parties represent that, with the completion of the RRA, schedule rates will be cost-based and the WEPCo and WPSC rate zones will be unified into a single electric service territory.

The parties agree that UMERB will implement a residential income allowance and senior bill assistance program, as shown in the tariff sheets included in Attachment B to the settlement agreement. The parties agree that there will be no customer caps and that revenue impacts of higher or lower participation compared to estimated participation will be given deferral treatment. Settlement agreement, p. 4.

The parties agree to the revised rates, set forth in Attachment B to the settlement agreement, reflecting a new power supply cost recovery (PSCR) factor base rate of \$57.04 per MWh and a line loss factor of 0.010391 for both the WEPCo and WPSC rate zones. The parties further agree that effective for the 2025 PSCR plan year and on January 1, 2025, the PSCR base factor shall be \$0.00 (absent an adjustment for the roll-in of an over/underrecovery from a prior period). *Id.*

The parties also agree that UMERB will conduct a line loss study of the company’s entire service territory. The parties agree that UMERB should be authorized to make all tariff modifications consistent with those set forth in Attachment B to the settlement agreement, including: (1) an increased extension allowance of 5%; (2) closing of all non-light emitting diode lighting tariffs to new customers as of January 1, 2025; (3) changing the demand nomination due date for CP-1 rider customers to January 15th of each year; and (4) miscellaneous administrative

revisions consistent with those in Exhibit A-16, Schedule F-6, attached as Attachment D to the settlement agreement. *Id.*, pp. 4-5.

The parties agree that UMERC will adopt the state reliability mechanism (SRM) capacity charge of \$224,161 per megawatt-year, as reflected in Attachment B to the settlement agreement, and the parties further agree that the instant proceeding meets UMERC's 2024 filing obligation set forth in the August 30, 2023 order in Case No. U-21370. The parties agree that ordering paragraph E in the November 30, 2017 order in Case No. U-18253 remains in effect for annual SRM filings for all subsequent years and that UMERC's SRM capacity charge will be subject to review in the company's next general rate case. Settlement agreement, p. 5.

The parties agree that UMERC will file distributed¹ generation tariffs that are consistent with those attached to the settlement agreement. The parties agree that UMERC will work with the Staff to develop a distribution investment and maintenance plan, consistent with the September 8, 2022 order in Case No. U-20147 and any subsequent orders, to be filed in Case No. U-20147 no later than 5:00 p.m. (Eastern time) on January 30, 2026. The parties agree that UMERC shall opt in to the Low-Income Energy Assistance Fund starting in October 2025. Lastly, the parties agree that, in its next general rate case, UMERC shall propose an electric vehicle pilot program and tariff and provide more granular descriptions of its distribution investments. Settlement agreement, pp. 5-6.

The Commission has reviewed the settlement agreement and finds that the public interest is adequately represented by the parties who entered into the settlement agreement. The Commission further finds that the settlement agreement is in the public interest, represents a fair and reasonable

¹¹ The Commission notes that paragraph I of the settlement agreement states "distribution" generation, in an apparent typo. The correct term is distributed generation as reflected in this order and the company's tariff sheets.

resolution of the proceeding, and should be approved. The Commission also finds that the RRA agreed upon in the settlement agreement allows for a gradual implementation of cost-based rates to be evenly assessed according to the actual cost of service by class as required by MCL 460.11(1). The Commission further finds that, in accordance with MCL 460.11(1), the impact of imposing cost of service rates on UMEREC's customers would have a material impact on customers' rates and that the RRA implements those rates over a suitable number of years.

THEREFORE, IT IS ORDERED that:

- A. The settlement agreement, attached as Exhibit A, is approved.
- B. Effective January 1, 2025, Upper Michigan Energy Resources Corporation shall implement the rates and tariffs for the sale of electricity, as approved by this order, and as set forth in attachments to the settlement agreement.
- C. Within 30 days of January 1, 2025, Upper Michigan Energy Resources Corporation shall file with the Commission tariff sheets substantially similar to those contained in attachments to the settlement agreement. After the tariff sheets have been reviewed and accepted by the Commission Staff for inclusion in the company's tariff book, Upper Michigan Energy Resources Corporation shall promptly file the final tariff sheets in this docket.

The Commission reserves jurisdiction and may issue further orders as necessary.

Any party desiring to appeal this order must do so in the appropriate court within 30 days after issuance and notice of this order, pursuant to MCL 462.26. To comply with the Michigan Rules of Court's requirement to notify the Commission of an appeal, appellants shall send required notices to both the Commission's Executive Secretary and to the Commission's Legal Counsel.

Electronic notifications should be sent to the Executive Secretary at LARA-MPSC-Edockets@michigan.gov and to the Michigan Department of Attorney General-Public Service Division at sheacl@michigan.gov. In lieu of electronic submissions, paper copies of such notifications may be sent to the Executive Secretary and the Attorney General-Public Service Division at 7109 W. Saginaw Hwy., Lansing, MI 48917.

MICHIGAN PUBLIC SERVICE COMMISSION

Daniel C. Scripps, Chair

Katherine L. Peretick, Commissioner

By its action of October 10, 2024.

Lisa Felice, Executive Secretary

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter of the application of)	
UPPER MICHIGAN ENERGY RESOURCES)	Case No. U-21541
CORPORATION for authority to increase electric)	
rates and for other relief.)	
_____)	

SETTLEMENT AGREEMENT

Pursuant to § 78 of the Administrative Procedures Act of 1969 (“APA”), as amended, MCL 24.278, and Rule 431 of the Michigan Administrative Hearing Systems Administrative Rules, 2015 AC, R 792.10431 and the Michigan Administrative Procedures Act, MCL 24.278, Upper Michigan Energy Resources Corporation (“UMERC” or the “Company”), the Michigan Public Service Commission Staff (“Staff”), Attorney General Dana Nessel (“Attorney General”), the Citizens Utility Board of Michigan (“CUB”), and Billerud Americas Corporation (“Billerud”) hereby agree as follows:

1. On May 1, 2024, UMERC filed with the Michigan Public Service Commission (“Commission”) its application along with supporting testimony, exhibits, and workpapers proposing, among other things, an annual electric base rate revenue increase of \$11,162,357 based on a 2025 test year.

2. On May 2, 2024, the Commission’s Executive Secretary issued a Notice of Hearing scheduling a prehearing conference for May 29, 2024, before Administrative Law Judge (“ALJ”) James M. Varchetti and directed UMERC to mail and publish the Notice in accordance with her

directives. On May 10, 2024, the Executive Secretary revised the Notice of Hearing to allow for a virtual option to participate in the prehearing conference to be held at the Commission's office.

3. On May 29, 2024, ALJ Sally L. Wallace substituting for ALJ Varchetti¹ presided over a prehearing conference in this matter. UMERC and Staff participated. The Attorney General's Notice of Participation was noted by ALJ Wallace and the petitions to intervene of CUB and Billerud were granted.

4. Staff, the Attorney General, and the Intervenors have thoroughly reviewed UMERC's supporting testimony, exhibits and workpapers, and Staff, the Attorney General and CUB have conducted an extensive audit and requested discovery, and the parties have engaged in settlement discussions. As a result of such discussions and negotiations, the parties have reached the agreements set forth in this Settlement Agreement.

5. This Settlement Agreement resolves on a final basis all contested issues in this case.

6. By this Settlement Agreement it is agreed:

A. UMERC's electric base rates for non-Tilden customers will be adjusted to reflect an annual revenue increase of \$6,600,000 on a service basis as of January 1, 2025. This agreed upon annual revenue adjustment reflects the depreciation rates approved by the Commission in its July 23, 2024 Order in Case No. U-21542. Further, this increase represents an overall capital structure with 50.0% common equity and reflects an authorized rate of return on common equity of 9.86%.

¹ By a Scheduling Memo dated June 26, 2024, ALJ Lesley C. Fairrow was assigned to this case, replacing ALJ Varchetti.

- B. UMERC's total electric sales forecast, excluding Company use and losses, is 1,966,721 MWh and the annual increase of \$6,600,000 shall be allocated to UMERC's electric non-Tilden customer classes in accordance with the percentage increases as set forth in Attachment A and consistent with the revised rates set forth in Attachment B to this Settlement Agreement.
- C. Effective January 1, 2025, UMERC shall be authorized to implement rates for electric service rendered consistent with the tariff sheets attached hereto as Attachment B to this Settlement Agreement. Additionally, UMERC shall be authorized to implement a rate realignment plan to gradually unify its WEPCo and WPSC Rate Zones by implementing Rate Realignment Adjustment ("RRA") surcharges in the manner set forth in Attachment C. The RRA surcharges will go into effect on January 1, 2025, and be updated annually on January 1 of each year thereafter. The RRA allows for a gradual implementation of cost-based rates to be evenly assessed according to the actual cost of service by class as required under MCL 460.11(1). The parties request that the Commission find in accordance with MCL 460.11(1) "that the impact of imposing cost of service rates on customers of an electric utility would have a material impact on customer rates" and therefore "approve an order that implements those rates over a suitable number of years" as set forth in this Settlement Agreement and the RRA schedule in Attachment C. UMERC represents that with the completion of the RRA schedule rates will be cost-based and the WEPCo and WPSC Rate Zones will be unified into a single electric service territory.

- D. UMERG agrees to implement a residential income allowance and senior bill assistance program as reflected in the tariff sheets in Attachment B. There will be no customer caps and revenue impacts of higher or lower participation compared to estimated participation will be given deferral treatment. For purposes of establishing rates for the 2025 test year, the estimated participation is zero (0) for the residential income allowance and zero (0) for the senior bill assistance program and any credits issued to customers between January 1, 2025 and the Company's next rate case will be deferred for recovery in its next rate case application.
- E. The revised rates set forth in Attachment B reflect a new Power Supply Cost Recovery ("PSCR") base rate of \$57.10/MWh, reflecting a PSCR line loss factor of 0.010391 for both the WEPCo and WPSC Rate Zones. Further, effective for the 2025 PSCR plan year and on January 1, 2025, the PSCR base factor shall be \$0.00 (absent an adjustment for the roll-in of an over/under recovery from a prior period).
- F. UMERG agrees to conduct a line loss study of the Company's entire service territory to inform future requests for a line loss factor before filing another electric rate case.
- G. UMERG is authorized to make all tariff modifications included in redlined form as set forth in Attachment B, which shall be effective on January 1, 2025. This includes but is not limited to: (i) an increase extension allowance of 5%, (ii) closing of all non-LED lighting tariffs to new customers as of January 1, 2025, (iii) changing the demand nomination due date for CP-1 rider customers to January 15th each year, and (iv) miscellaneous

administrative revisions identified on Schedule F-6 of Exhibit A-16 attached as Attachment D to this Settlement Agreement.

- H. UMERC will adopt the State Reliability Mechanism (“SRM”) capacity charge of \$224,161 per megawatt-year which is reflected in Attachment B. The instant proceeding meets UMERC’s 2024 filing obligation set forth in the Commission’s August 30, 2023 Order in Case No. U-21370. The Ordering paragraph E in the Commission’s November 30, 2017 Order in Case No. U-18253 remains in effect for annual SRM filings for all subsequent years. UMERC’s SRM capacity charge will be subject to review in the Company’s next general rate case.
- I. UMERC will file in accordance with MPSC directive in Case No. U-21569 on September 20, 2024, distribution generation (“DG”) tariffs (Sheet Nos. D-62.10 through D-62.50) that are consistent with those attached to this Settlement Agreement.
- J. UMERC agrees to work with Staff to develop and file a distribution, investment and maintenance plan. This plan shall be filed in Case No. U-20147 by 5:00 p.m. (Eastern time) on January 30, 2026. This distribution investment and maintenance plan shall be consistent with the September 8, 2022 order and any subsequent order in Case No. U-20147 as directed by the Commission and applicable to UMERC.
- K. Beginning in program year 2026, starting in October 2025, UMERC agrees to opt-into the Low Income Energy Assistance Fund.

L. U MERC agrees in its next electric base rate case to: (i) propose an EV pilot program and related tariff, and (ii) provide more granular descriptions of its distribution investments.

7. It is the opinion of the signatories that this Settlement Agreement is reasonable, will promote the public interest, will aid the expeditious conclusion of this case, and will minimize the time and expense which would otherwise have to be devoted to this matter by the parties. This Settlement Agreement is not severable, and all provisions of the same are dependent upon all other provisions contained herein.

8. This Settlement Agreement is intended to be a final disposition of this proceeding, and the parties join in respectfully requesting that the Commission grant prompt approval. The parties agree not to appeal, challenge, or contest the Commission's order accepting and approving this Settlement Agreement without modification. If the Commission does not accept the Settlement Agreement without modification, the agreement shall be withdrawn and shall not constitute any part of the record in this proceeding or be used for any other purpose.


9. This Settlement Agreement has been made for the sole and express purpose of settling this case, and all discussions relating hereto are and shall be privileged and shall not be used in any manner or be admissible for any other purpose in connection with this proceeding or any other proceeding hereof. This Settlement Agreement does not constitute precedent in any other case or proceeding. Without limiting the generality of the foregoing, this Settlement Agreement shall not constitute *res judicata* or collateral estoppel as to any issue. Neither the parties to the settlement nor the Commission shall use this Settlement Agreement or the order approving it, as precedent in any case or proceeding; provided however, reference may be made to enforce or implement the provisions thereof in subsequent Commission proceedings.

10. All signatories waive Section 81 of the APA of 1969, as amended, MCL 24.281, as it applies to the issues in this proceeding if the Commission approves this Settlement Agreement without modification.

Respectfully submitted,

UPPER MICHIGAN ENERGY RESOURCES
CORPORATION


Dated: September 16, 2024

By:  **Sherri A. Wellman**
Digitally signed by: Sherri A. Wellman
DN: CN = Sherri A. Wellman email =
wellmans@millercanfield.com C = US O = Miller Canfield
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MICHIGAN PUBLIC SERVICE COMMISSION
STAFF

Dated: September 16, 2024

By: 

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ATTORNEY GENERAL DANA NESSEL

Dated: September 16, 2024

By: **Michael E. Moody**
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CITIZENS UTILITY BOARD OF MICHIGAN,
a Michigan nonprofit corporation

Dated: September 16, 2024

By: *John Liskey*
Its Attorney
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John R Liskey Attorney At Law PLLC
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BILLERUD AMERICAS CORPORATION

By signing below Billerud does not join but affirms
that it does not object to this Settlement Agreement.

Dated: September 16, 2024

By: **Timothy J. Lundgren**
One of Its Attorneys
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Digitally signed by Timothy J. Lundgren
Date: 2024.09.24 10:44:56 -04'00'

Attachment A to Settlement Agreement in Case No. U-21541

Michigan Public Service Commission
Upper Michigan Energy Resources Corporation
Summary of Present and Proposed Revenue by Rate Schedule (Base)

Line No.	(a) Description	(a)	(b)	(c)	(d)
		Total Present Revenue	Total Proposed Revenue	2025* Total Net Increase/ (Decrease)	Total Net Increase/ (Decrease) (%)
1					
2	Residential Flat Rate - Rg1	\$26,263,999	\$28,868,247	\$2,604,248	9.92%
3	Residential Flat Rate - Rg-1M	\$10,003,500	\$10,995,412	\$991,913	9.92%
4	Residential TOU - Rg2	\$658,282	\$723,819	\$65,536	9.96%
5	Residential TOU - Rg-OTOU-1M	\$267,527	\$294,161	\$26,634	9.96%
6	General Secondary Flat Rate - Cg1	\$11,228,956	\$12,256,516	\$1,027,560	9.15%
7	General Secondary Flat Rate - Cg-1M	\$1,726,714	\$1,884,725	\$158,011	9.15%
8	General Secondary Flat Rate - TssM	\$0	\$0	\$0	0.00%
9	General Secondary Flat Rate - TssU	\$0	\$0	\$0	0.00%
10	General Secondary Flat Rate - Cg2	\$178,056	\$194,350	\$16,294	9.15%
11	General Secondary Flat Rate - Cg-3M	\$1,173,502	\$1,277,538	\$104,035	8.87%
12	General Secondary TOU - Cg5	\$774,634	\$827,105	\$52,471	6.77%
13	General Secondary TOU - Cg-OTOU-1M	\$122,333	\$130,619	\$8,286	6.77%
14	General Secondary Large TOU - Cg3	\$4,551,196	\$5,029,232	\$478,036	10.50%
15	General Secondary Large TOU Curtailable - Cg3C	\$0	\$0	\$0	0.00%
16	General Primary TOU - Cp1	\$778,398	\$709,856	(\$68,543)	-8.81%
17	General Primary TOU - Cp-1M	\$11,725,005	\$12,494,414	\$769,409	6.56%
18	General Primary TOU Interruptible - Cp2	\$0	\$0	\$0	0.00%
19	General Primary TOU Curtailable - Cp3	\$9,383,022	\$9,671,645	\$288,622	3.08%
20	General Primary TOU Standby - Cp4	\$0	\$0	\$0	0.00%
21	Schedule A	\$421,934	\$421,934	\$0	0.00%
22	Special Contract (U-16967)	\$423,037	\$423,037	\$0	0.00%
23	Area Lighting - G11 (Closed)	\$211,066	\$226,773	\$15,707	7.44%
24	Standard Street Lighting - Ms2 (Closed)	\$217,857	\$234,055	\$16,199	7.44%
25	Non-Standard Street Lighting - Ms3 (Closed)	\$17,189	\$18,476	\$1,287	7.49%
26	LED Lighting - LED	\$388,204	\$403,071	\$14,868	3.83%
27	Lighting Service (Ls-1M) (Closed)	\$248,479	\$267,165	\$18,687	7.52%
28	Municipal Defense Sirens - Mgl	\$0	\$0	\$0	0.00%
29	Municipal Power-Sewage Disposal & Water Pumping (Mp-1M)	\$80,728	\$91,467	\$10,739	13.30%
30	Energy For Tomorrow	\$0	\$0	\$0	0.00%
31	NatureWise	\$347	\$347	\$0	0.00%
32	Parallel Generation	\$0	\$0	\$0	0.00%
33					
34	TOTAL	\$80,843,962	\$87,443,962	\$6,600,000	8.16%

*UMERC will implement a gradual rate realignment beginning in 2026 that will unify rates for the same customer classes in both rate zones as shown in Attachment C.

Attachment B
to Settlement Agreement
(MPSC Case No. U-21541)

COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-103.00)

C2. STANDARD RULES & REGULATIONS – GENERAL

RVIM

14. EQUAL MONTHLY BILLING OR BUDGET BILLING

- a. The following supplements the provisions of R 460.121.
- b. Budget billing is available to all prospective and existing year-round residential and commercial customers taking service on rate schedules Rg1-M, Rg-OTOU-1M, ~~Rg-DCM~~, Cg-1M, ~~and~~ Cg-OTOU-1M ~~and Cg-DCM~~ upon request. Customers not served on the aforementioned rate schedules, whose service is used primarily for residential living, may, upon request, be enrolled in budget billing.
- c. At the time a customer applies for budget billing and also at the completion of each plan year, the Company shall calculate a monthly budget payment based on estimated consumption and current applicable rates. The budget billing service year begins at the point the customer first signs up for budget billing. The budget billing amount is reviewed after six months.

Monthly billings shall be in equal amounts for the twelve months of the plan unless changes in usage by the customer require adjustment to the monthly amount. An adjustment to the monthly budget amount shall be made automatically beginning with the seventh month with the objective that the under billed or over billed balance for the budget year is one month's budget amount or less.

In the twelfth or settlement month, if a customer has an under-billed (debit) balance, that balance will be rolled into and made a part of the next budget billing year's monthly installment amount; or, at the customer's option, will be paid in full or on a deferred basis.

In the twelfth or settlement month, if a customer has an over-billed (credit) balance, that balance will be applied against the customer's account, or at the customer's option, rolled into and made a part of the next budget billing year's monthly installment amount; or, a refund will be made.
- d. Customers shall be notified of adjustments to their monthly budget amount through either a bill insert or message on the bill. When an adjustment is made to a budget payment amount, the customer will be informed of the adjustment at the same time the bill containing the adjustment is rendered.
- e. Customers who have arrearages shall be allowed to establish a budget payment plan by signing a deferred payment agreement for the arrears. The deferred payment amount is not subject to the late payment charge. However, budget payment plans shall be subject to the late payment charge. In addition, if a budget payment is not paid, the customer shall be notified with the next billing that if proper payment is not received subsequent to this notification, the next regular billing may effectuate the removal of the customer from the budget and reflect the appropriate amount due.
- f. For customers with combined gas and electric services under one account, the budget billing amount will be based on combined gas and electric energy usage.
- g. A customer may be removed from the budget billing plan upon request. In the next month, the under-billed or over-billed balance will be billed.

(Continued on Sheet No. C-105.00)

Issued ~~January 25, 2021~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~January 22, 2021~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~January 21, 2021~~
in Case No. U-~~209072~~ 1541

COMPANY RULES AND REGULATIONS

(Continued from Sheet No. C-122.00)

C4. STANDARD RULES & REGULATIONS – CONSTRUCTION POLICY

RIHIM

- 2) Have the structure or some portion thereof completed in a manner that indicates it will be a permanent structure (i.e., foundation, concrete slab, etc.) or building permit for said structure or,
 - 3) Have permanent water and sewer facilities installed for mobile home court lots.
- b) Service to a location that will not contain a building structure shall:
Require evidence that there will be a continuing need for electric service to that location, e.g., well, constructed billboard, other types of permanent facilities requiring electricity.

All requests for electric service not meeting the preceding criteria shall not be given an extension allowance until meeting these criteria.

2) Extension Allowances

- a) The extension allowances of this section reflect the company's projected embedded average cost of distribution facilities for the coming year and shall be revised annually. Said annual revision shall be calculated and submitted to the Michigan Public Service Commission prior to the start of the calendar year and shall apply to construction performed for the succeeding 12 month period commencing January 1st of the following year.
- b) Extension allowances shall only apply to applicants who meet the requirements of sections 3.b.1).
- c) Extensions shall be made without charge or guarantee provided that the estimated investment does not exceed the extension allowance.
- d) The extension allowance per customer shall be as follows:

1) Residential Customers (Rg-1M and Rg-OTOU-1M)

Investment in distribution system:

~~\$535,561~~ - Year Round Residential
~~\$xx267,281~~ - Seasonal Residential

2) Commercial and Industrial Customers Billed on Energy-Only Basis (i.e., Cg-1M, Cg-OTOU-1M and Cg-3M)

Investment in distribution system:

Customer Class	Allowance	
	Year Round	Seasonal
0 – 15 kW	\$ 53 \$561	\$ 267 \$281
16 – 50 kW	\$ 814 854	\$ 407 427
51 kW & Over	\$253 +2,655	\$+265 1,327

The estimated demand shall be the maximum demand in kW used to properly size the customer's transformer setting, service drop or lateral, and metering equipment. Company experience with existing customers will be used as a basis for developing the demand estimate. The Company reserves the right to review and recalculate the extension allowance after the five year development period in cases where the customer fails to meet the estimated demand used in the original calculation.

(Continued on Sheet No. C-124.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~January 1, 2017~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806~~+21541

COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-123.00)

C4. STANDARD RULES & REGULATIONS – CONSTRUCTION POLICY

RIIIM

- 3) Commercial and Industrial Customers Billed on a Demand and Energy Basis (i.e., Cp-1M)
- Investment in distribution system:
~~\$56.00~~\$59.00 per kW of estimated demand
- 4) The estimated demand shall be the maximum annual 15 minute kW expected to be placed on the electric facilities of the company. Company experience with existing customers will be used as a basis for developing the demand estimate. The Company reserves the right to review and recalculate the extension allowance after the five year development period in cases where the customer fails to meet the estimated demand used in the original calculation.
- 5) Company Owned Outdoor Lighting Service, Ls-1M:
All distribution system poles and spans included in the monthly Ls-1M rate charges.
- 3) Extensions Exceeding Extension Allowance
- a) Applicant shall make a refundable cash payment in advance of construction equal to the investment in standard electric facilities that exceeds the extension allowance. Refundable cash payments shall be retained by the company interest free and shall only be refunded in accordance with section 3.b.5) of these rules.
- b) The estimated investment of an extension will be divided equally among the original customers on the original extension, with similar type of service, unless they elect to have it apportioned in some other manner that is mutually satisfactory to themselves. No payments shall be required from additional customers connecting to this extension and considered part of this extension in accordance with Section 1.a. of these extension rules.
- 4) Adjustment to Actual
Estimated investments used in determining customer obligations prior to construction shall be adjusted to reflect actual investment for changes in the size, or number of units installed, major rock or frost removal and similar items affecting the scope of the project. The estimate shall not be adjusted for inclement weather, truck or equipment breakdowns, changed site conditions, such as mud following wet weather, snow or traffic congestion, special all-terrain equipment required for a changed condition such as deep snow or mud, use of contractor crews vs. company crews, material price changes and other items of a similar nature. Adjustment of customer requirements (refund or additional payment) to reflect actual investment shall be made if the adjustment is greater than \$20. This adjustment, if applicable, will normally occur within six months of completion of construction.
- 5) Refunds
- a) If, during the development period, as defined in section 1.g., there are additional permanent customers connected to the extension, refunds as outlined in this section shall be made. Customers added to an existing extension shall not be required to make any payment for the existing extension.

(Continued on Sheet No. C-125.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

SECTION D—~~WEPCO RATE ZONE~~
~~RATE SCHEDULES~~

GENERAL TERMS AND CONDITIONS OF THE RATE SCHEDULES

- A. The Company will advise the customer in the selection of the applicable rate which will provide the lowest cost of service, based on the information at hand, but the responsibility for selection rests with the customer. After a customer has selected a rate, he is not permitted to change to another rate until 12 months have elapsed. A customer will not be permitted to evade this rule by temporarily terminating his service.
- B. Bills for service will be due 21 days after the date of issuance of the bill, except for those customers receiving summary billing service. Those summary bills must be paid in full within 15 calendar days after their rendition. Bills unpaid after the last due date will be handled in accordance with the Electric Service Rules and Regulations of the Company
- C. The Company is operating under franchises granted by various municipalities in which it is furnishing electric service. No special rates are contemplated in any of these franchises.
- D. The Company is not obliged to provide service facilities for any customer which are substantially in excess of those required for the customer's regular use of service.
- E. The terms and conditions under which electric service will be provided by the Company are set forth in the Electric Service Rules of Upper Michigan Energy Resources Corporation as filed with the Michigan Public Service Commission.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

Reserved for Future Use
RATE CODES

Rg1	Residential Full Requirements	062
	Residential Retail Access	M62
Rg2	Residential Full Requirements Time Of Use	
	7 to 7	207
	8 to 8	208
	9 to 9	209
	10 to 10	210
Cg1	General Secondary Full Requirements	072
	General Secondary Retail Access	M72
Cg2	General Secondary Full Requirements Total Electric	076
Cg3	General Secondary Full Requirements Time Of Use	074
	General Secondary Retail Access Time Of Use	M74
Cg3C	General Secondary Experimental Curtailable	M75
Cg5	Small Secondary Full Requirements Time Of Use	040
	(Cg5 Street Lighting)	048
Cp1	General Primary Full Requirements	P51
	General Primary Retail Access	P61
Cp2	General Primary Full Requirements Interruptible	P52
Cp3	General Primary Full Requirements Curtailable	P53
Cp4	General Primary Full Requirements Mandatory Standby	N/A
	General Primary Retail Access Mandatory Standby	N/A
Schedule A	General Primary Full Requirements	M26
	General Primary Retail Access	N/A
CpLC	General Primary Retail Access Large Curtailable Contract	M24
Ms2	Street and Highway Lighting	S52
Ms3	Non-Standard Street & Area Lighting	S53
GL1	Standard Area Lighting	L51
LED1	LED Street Lighting Service	LE1
Mg1	Municipal Defense Siren Service	N/A
CGS Category 1	Customer Generating Systems 20kW or less	G52
CGS Category 2	Customer Generating Systems over 20kW 150kW	G51
CGS Large	Customer Generating Systems over 150kW	tbd
CGS Biogas	Customer Generating Systems Methane Digestors	tbd
CGS PV	Experimental Renewable Energy (SOLAR PV) Distributed Generation	tbd
ERER 1	Experimental Renewable Energy Rider	N/A
ERER 2	Experimental Renewable Energy Rider	N/A
ERER 3	Experimental Renewable Energy Rider	N/A
PA1	Pole Attachments	N/A
STPR	Experimental Short Term Productivity Rider	N/A
DFP	Experimental Dollars For Power Rider	N/A
PMI	Experimental Power Market Incentives	N/A
Ds1	Supply Default Service	N/A
RAS 1	Retail Access Service	N/A
EI	Energy Information Options	N/A
PS1	Pulse Signal Device Option	N/A
TssM	Transmission Substation Service Metered	tbd
TssU	Transmission Substation Service Unmetered	tbd

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18064~~21541

POWER SUPPLY COST RECOVERY

PSCR FACTORS

All rates for metered electric service shall include an amount up to the Adjusted Maximum Power Supply Cost Recovery (PSCR) Factor for the specified billing period as set forth below. The Maximum PSCR Factor includes an increase or decrease of ~~0.0104-010391~~ mills per kWh for each full 0.01 mill increase or decrease in the projected annual power supply costs above or below a cost base of ~~45.4754.95~~ mills per kWh, rounded to the nearest one-hundredth of a mill per kWh or 57.10 mills per kWh. The projected power supply costs per kWh shall equal the total projected annual net power cost divided by the projected annual net system energy requirements. Net system energy requirements shall be the sum of net generation and net purchased and interchange power. An amount not exceeding the Adjusted Maximum PSCR Factor for each month shall be placed into effect in the first billing cycle of that month and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor shall be applicable to all Power Supply charges for the following Rate Schedules:

<u>Class of Service</u>	<u>Rate Schedule No.</u>
Residential	Rg1, Rg2, <u>Rg-1M and Rg-OTOU-1M</u>
General Secondary	Cg1, Cg2, Cg3, Cg3C, Cg5, TssM, TssU, <u>Cg-1M, Cg-3M, Cg-OTOU-1M, Mp-1M</u>
General Primary	Cp1, Cp2, Cp3, Cp4, Schedule A, CpLC <u>and Cp-1M</u>
Lighting	Ms2, Ms3, GL1, LED1, <u>Ls-1M</u>
Other	Mg1, Ds1
ERER 1, ERER 3	
100% Renewable power	No adjustment for PSCR
50% Renewable power	PSCR factor applicable to rate schedule customer is served under applied to 50% of the kWh for the billing period.
25% Renewable power	PSCR factor applicable to rate schedule customer is served under applied to 75% of the kWh for the billing period.
ERER 2	
Kilowatt-hour in excess of nominated block	PSCR factor applicable to rate schedule customer is served under.
Customer Generating System	CGS Category 1, CGS Category 2, CGS Biogas <u>and DG-1</u>

Power Supply Cost Recovery Factors

	<u>20242025</u> Plan Year	Prior Period PSCR	Maximum PSCR	Adjusted Maximum	Actual
Billing Month	PSCR Factor \$/kWh	Reconciliation Factor \$/kWh	<u>2024-2025</u> PSCR Factor \$/kWh	<u>2024-2025</u> PSCR Factor \$/kWh	Billed \$/kWh
Jan <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>
Feb <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Mar <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Apr <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
May <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Jun <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Jul <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Aug <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Sep <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Oct <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Nov <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		
Dec <u>20242025</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>		

Parentheses indicate a credit factor. Should the Company apply lesser factors than those above or if the factors are later revised pursuant to commission orders or 1982 PA 304, the Company will notify the commission if necessary and file a revision of the above list. The Maximum PSCR Factor is subject to adjustment as shown on Sheet No. D-3.01.

(Continued on Sheet No. D-3.01)

Issued ~~December 15, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for bills rendered for
the 2024-2025 Plan year

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~21434~~21541

POWER SUPPLY COST RECOVERY
(Continued from Sheet No. D-3.00)

ADJUSTED MAXIMUM PSQR FACTORS

The Maximum PSQR Factor is subject to adjustment. The Adjusted Maximum PSQR Factor is calculated based upon changes to the PSQR Plan's forecasted NYMEX Price for the specified billing period as set forth in the table below. The Adjusted Maximum PSQR Factors are the maximum PSQR Factors the Company may charge. The actual PSQR factor charged in any month may be less than the Adjusted Maximum PSQR Factor.

No less than fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission a worksheet reflective of the calculation below and an updated tariff sheet reflecting the adjustment.

ADJUSTMENT MECHANISM (SAMPLE)

Base PSQR Factor from Plan (WEPCO Rate Zone) \$/MWh	<u>\$7.550.00</u>
Jan-Dec NYMEX Average Forecast \$/Dth (X)	<u>\$3.704.04</u>
Jan-Dec NYMEX Average from Plan \$/Dth (X _{plan})	<u>\$3.804.15</u>
Difference	<u>(\$0X.1011)</u>
Adjusted Maximum PSQR Factor \$/kWh	<u>\$0.007550.00000</u>

~~2024-2025~~ NYMEX Increase

<u>Greater than or</u> <u>Equal to</u>	<u>But less</u> <u>than</u>	<u>Adjusted Maximum PSQR</u> <u>Factor (\$/kWh)</u>	<u>Greater than</u> <u>or Equal to</u>	<u>But less than</u>	<u>Adjusted Maximum PSQR</u> <u>Factor (\$/kWh)</u>
\$0.00	\$0.25	<u>\$0.0075500000</u>	\$2.50	\$2.75	<u>\$0.0106800400</u>
\$0.25	\$0.50	<u>\$0.0078200040</u>	\$2.75	\$3.00	<u>\$0.0110500440</u>
\$0.50	\$0.75	<u>\$0.0080900080</u>	\$3.00	\$3.25	<u>\$0.0114400480</u>
\$0.75	\$1.00	<u>\$0.0083800120</u>	\$3.25	\$3.50	<u>\$0.0118500520</u>
\$1.00	\$1.25	<u>\$0.0086700160</u>	\$3.50	\$3.75	<u>\$0.0122600560</u>
\$1.25	\$1.50	<u>\$0.0089800200</u>	\$3.75	\$4.00	<u>\$0.0127000600</u>
\$1.50	\$1.75	<u>\$0.0092900240</u>	\$4.00	\$4.25	<u>\$0.0131400640</u>
\$1.75	\$2.00	<u>\$0.0096200280</u>	\$4.25	\$4.50	<u>\$0.0136100680</u>
\$2.00	\$2.25	<u>\$0.0099600320</u>	\$4.50	\$4.75	<u>\$0.0140900720</u>
\$2.25	\$2.50	<u>\$0.0103100360</u>	\$4.75	\$5.00	<u>\$0.0145800760</u>
				>\$5.00	<u>\$0.0151000800</u>

DEFINITIONS:

NYMEX Increase = (X – X_{plan})

X = the average NYMEX price (\$/Dth) for the remaining months of the PSQR plan year averaged over the first five trading days of the month prior to implementation of the proposed PSQR factor.

X_{plan} = NYMEX average price for the remaining months of the PSQR plan as incorporated into the current year PSQR Plan.

(Continued on Sheet No. D-4.00)

Issued ~~December 15, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for bills rendered for
the 2024-2025 Plan year

Issued under authority of the
Michigan Public Service Commission
dated
in Case No. U-2143121541

POWER SUPPLY COST RECOVERY
(Continued From Sheet No. D-3.01)

ANNUAL RECONCILIATION

All power supply revenues received by the Company, whether included in base rates or collected pursuant to a PSRC clause, shall be subject to annual reconciliation with the cost of power supply. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in section 6j(12) to (18) of 1939 PA 304, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the commission of the reasonableness and prudence of expenditures charged pursuant to any PSRC clause in existence during the period being reconciled.

MONTHLY REPORTS

Not more than 45 days following the last day of each month in which a PSRC Factor has been applied to customer's bills, the Company shall file with the commission a detailed statement for that month of the revenues recorded pursuant to the PSRC Factor and the allowance for cost of power supply included in the base rates established in the latest commission order for the Company and the cost of power supply.

PREVIOUS YEAR (~~2023~~2024) PSRC FACTORS (WEPCo Rate Zone)

	<u>Prior Period</u> <u>2024</u>	<u>Prior Period</u> <u>PSRC</u>	<u>Adjusted</u> <u>Maximum</u>	<u>Actual</u> <u>Adjusted</u> <u>Maximum</u>	<u>Actual</u> <u>Factor</u>
Billing	Plan Year	Reconciliation	<u>2023-2024</u> PSRC	<u>2023-2024</u> PSRC	Billed
Month	\$/kWh	Factor \$/kWh	Factor \$/kWh	Factor \$/kWh	\$/kWh
Jan 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>\$0.00755</u>	<u>\$0.00755</u>
Feb 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>\$0.00755</u>	<u>\$0.00755</u>
Mar 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>\$0.00755</u>	<u>\$0.00755</u>
Apr 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>\$0.00250</u>	<u>\$0.00755</u>
May 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.00050)</u>	<u>(\$0.00050)</u>
Jun 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.00475)</u>	<u>(\$0.00475)</u>
Jul 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.00825)</u>	<u>(\$0.00825)</u>
Aug 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.01040)</u>	<u>(\$0.01040)</u>
Sep 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.01350)</u>	<u>(\$0.01350)</u>
Oct 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.01350)</u>	<u>(\$0.01350)</u>
Nov 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.01350)</u>	<u>(\$0.01350)</u>
Dec 2023 2024	<u>\$0.00755</u>	<u>\$0.00000</u>	<u>\$0.00755</u>	<u>(\$0.01350)</u>	<u>(\$0.01350)</u>

PREVIOUS YEAR (2024) PSRC FACTORS (WPS Rate Zone)

	<u>2024</u>	<u>Prior Period</u>		<u>Adjusted</u>	<u>Actual</u>
	Plan Year	PSRC	Maximum	Maximum	Factor
Billing	PSRC Factor	Reconciliation	2024 PSRC	2024 PSRC	Billed
Month	\$/kWh	Factor \$/kWh	Factor \$/kWh	Factor \$/kWh	\$/kWh
Jan 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>\$0.01186</u>	<u>\$0.01186</u>
Feb 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>\$0.01186</u>	<u>\$0.01186</u>
Mar 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>\$0.01186</u>	<u>\$0.01186</u>
Apr 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>\$0.00675</u>	<u>\$0.00675</u>
May 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>\$0.00295</u>	<u>\$0.00295</u>
Jun 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.00160)</u>	<u>(\$0.00160)</u>
Jul 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.00510)</u>	<u>(\$0.00510)</u>
Aug 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.00700)</u>	<u>(\$0.00700)</u>
Sep 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.01000)</u>	<u>(\$0.01000)</u>
Oct 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.01000)</u>	<u>(\$0.01000)</u>
Nov 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.01000)</u>	<u>(\$0.01000)</u>
Dec 2024	<u>\$0.01186</u>	<u>\$0.00000</u>	<u>\$0.01186</u>	<u>(\$0.01000)</u>	<u>(\$0.01000)</u>

Issued ~~December 15, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for bills rendered for
the 2023-2024 Plan year

Issued under authority of the
Michigan Public Service Commission
Dated July 27, 2023
In Case No. U-2126521541

ENERGY WASTE REDUCTION (EWR) SURCHARGE

RESIDENTIAL RATE SCHEDULES

Customers on the Rg1 and Rg2, **Rg-1M** and **Rg-OTOU-1M** rate schedules shall receive a Delivery/distribution EWR Surcharge per kWh, as indicated below:

RATE SCHEDULE	EWR Rate, per kWh	+	Distribution Charge per kWh	=	TOTAL Distribution Charge per kWh
Rg1	0.002860.00323	+	0.053140.04772	=	0.056370.05058
Rg-1M	0.00290	+	0.05282	=	0.05572
RATE SCHEDULE	EWR Rate, per kWh	+	Distribution & Power Supply Charge per kWh	=	TOTAL Distribution & Power Supply Charge per kWh
Rg2: On-peak	0.003230.00286	+	0.352060.27710	=	0.355290.27996
Rg2: Off-peak	0.003230.00286	+	0.073950.05818	=	0.077180.06104
Rg-OTOU-1M (on)	0.00290	+	0.10355	=	0.10645
Rg-OTOU-1M (off)	0.00290	+	0.02589	=	0.02879

GENERAL SECONDARY RATE SCHEDULES

Customers on the following rate schedules shall receive a Delivery/distribution EWR Surcharge per meter, per day, as indicated below. Company assumes one meter per service point for EWR Surcharge.

RATE SCHEDULE	Customers without Self-Directed Plan EWR Rate, per day, per meter	OR	Customers with Self-Directed Plan EWR Rate, per day, per meter	+	Facilities Fixed Charge, per day, per standard meter or service connection	=	Customers without Self-Directed Plan TOTAL Facilities-Fixed Charge per day, per standard meter or service connection	OR	Customers with Self-Directed Plan TOTAL Facilities-Fixed Charge per day, per standard meter or service connection
Cg1: single-phase	0.179660.20275	OR	0.018550.02158	+	0.49315	=	0.672810.69590	OR	0.511700.51473
Cg1: three-phase	0.202750.17966	OR	0.021580.01855	+	0.96986	=	1.149521.17261	OR	0.988410.99144
Cg2: single-phase	0.423620.43753	OR	0.037080.02483	+	0.49315	=	0.916770.93068	OR	0.530230.51798
Cg2: three-phase	0.437530.42362	OR	0.024830.03708	+	0.96986	=	1.393481.40739	OR	1.006940.99469
Cg3	2.392613.06081	OR	0.261190.32941	+	2.79452	=	5.187135.85533	OR	3.055713.12393
Cg3C	3.060812.39261	OR	0.329410.26119	+	2.79452	=	5.855335.18713	OR	3.123933.05571
Cg5: single-phase	0.335390.40632	OR	0.034500.04212	+	0.49315	=	0.828540.89947	OR	0.527650.53527
Cg5: three-phase	0.406320.33539	OR	0.042120.03450	+	0.96986	=	1.305251.37618	OR	1.004361.01198
TssM: single-phase	0.185370.20275	OR	0.013560.02158	+	0.49315	=	0.678520.69590	OR	0.506710.51473
TssM: three-phase	0.202750.18537	OR	0.021580.01356	+	0.96986	=	1.155231.17261	OR	0.983420.99144
TssU	0.202750.18537	OR	0.021580.01356	+	0.12000	=	0.305370.32275	OR	0.133560.14158
Cg-1M	0.10850	OR	0.01360	+	0.82190	=	0.93040	OR	0.83550
Cg-1M Seasonal	0.21700	OR	0.02720	+	1.64380	=	1.86080	OR	1.67100
Cg-OTOU-1M	0.10850	OR	0.01360	+	0.82190	=	0.93040	OR	0.83550
Cg-OTOU Seasonal	0.21700	OR	0.02720	+	1.64380	=	1.86080	OR	1.67100
Cg-3M	1.47310	OR	0.19780	+	1.31510	=	2.78820	OR	1.51290
Cg-3M Seasonal	2.94620	OR	0.39560	+	2.63010	=	5.57630	OR	3.02570
Cg-3M – option	1.47310	OR	0.19780	+	8.38360	=	9.85670	OR	8.58140
Cg-3M Seas - opt	2.94620	OR	0.39560	+	16.76710	=	19.71330	OR	17.16270
Mp-1M	1.47310	OR	0.19780	+	1.31510	=	2.78820	OR	1.51290

(Continued on Sheet No. D-6.00)

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-~~20880-21541~~

ENERGY WASTE REDUCTION (EWR) SURCHARGE
(Continued From Sheet No. D-5.00)

GENERAL PRIMARY RATE SCHEDULES

Customers on the following rate schedules shall receive a Delivery/distribution EWR Surcharge per meter, per day, as indicated below. Company assumes one meter per service point for EWR Surcharge.

	Customers without Self- Directed Plan		Customers with Self-Directed Plan				Customers without Self- Directed Plan		Customers with Self-Directed Plan
RATE SCHEDULE	EWR Rate, per day, per meter	OR	EWR Rate, per day, per meter	+	Facilities Fixed Charge, all primary service voltages, per day	=	TOTAL Facilities Fixed Charge per day, per meter	OR	TOTAL Facilities-Fixed Charge per day, per meter
Cp1	12.61028 <u>12.8554</u>	OR	1.23382 <u>1.35062</u>	+	20.21918	=	32.82946 <u>33.0745</u>	OR	21.45300 <u>56980</u>
Cp2	205.75263 <u>76939</u>	OR	10.58217 <u>94847</u>	+	20.21918	=	225.97181 <u>98857</u>	OR	30.80135 <u>31.1676</u>
Cp3	205.75263 <u>76939</u>	OR	10.94847 <u>58217</u>	+	20.21918	=	225.97181 <u>98857</u>	OR	30.80135 <u>31.1676</u>
Cp4	205.75263 <u>76939</u>	OR	10.94847 <u>58217</u>	+	20.21918	=	225.97181 <u>98857</u>	OR	30.80135 <u>31.1676</u>
CpLC	3,664.39350 <u>4,104.40470</u>	OR	319.02958 <u>481.03788</u>	+	20.21918	=	3,684.61268 <u>4,124.62388</u>	OR	339.24876 <u>501.2570</u>
<u>Cp-1M</u> (Secondary)	<u>2.55850</u>	OR	<u>0.25370</u>	±	<u>4.66850</u>	=	<u>7.22700</u>	OR	<u>4.92220</u>
<u>Cp-1M</u> (Primary)	<u>2.55850</u>	OR	<u>0.25370</u>	±	<u>22.12600</u>	=	<u>24.68450</u>	OR	<u>22.37970</u>
<u>Cp-1M</u> (Transmission) <10MW	<u>99.34710</u>	OR	<u>6.57340</u>	±	<u>32.54790</u>	=	<u>131.89500</u>	OR	<u>39.12130</u>
<u>Cp-1M</u> (Transmission) >10MW	<u>383.89450</u>	OR	<u>44.27000</u>	±	<u>32.54790</u>	=	<u>416.44240</u>	OR	<u>76.81790</u>

	Customers without Self- Directed Plan		Customers with Self- Directed Plan
RATE SCHEDULE	EWR Rate, per day, per meter	OR	EWR Rate, per day, per meter
<u>Schedule A</u>	23.54959 <u>23.60464</u>	OR	2.38131 <u>2.1080</u>
Special Contract			
(U-18224)	4,104.40470 <u>3,664.39350</u>	OR	319.02958 <u>481.03788</u>
(U-16967)	20.87104 <u>21.46670</u>	OR	2.54321 <u>1.7588</u>

(Continued on Sheet No. D-6.01)

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2022~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-~~208802~~1541

ENERGY WASTE REDUCTION (EWR) SURCHARGE (Continued From Sheet No. D-6.00)

LIGHTING RATE SCHEDULES

Customers on the following rate schedules shall receive a Delivery/distribution EWR Surcharge per lamp, per month, as indicated below.

RATE SCHEDULE	Customers without Self-Directed Plan		Customers with Self-Directed Plan				Customers without Self-Directed Plan		Customers with Self-Directed Plan
	EWR Rate, per month, per lamp	OR	EWR Rate, per month, per lamp	+	Non-Capacity monthly charge per lighting unit	=	TOTAL Non-Capacity monthly charge, per lighting unit	OR	TOTAL Non-Capacity monthly charge, per lighting unit
GL1									
70: Sodium Standard	0.32 <u>0.41</u>	OR	0.04	+	10.97 <u>9.59</u>	=	11.38 <u>9.91</u>	OR	11.01 <u>9.63</u>
100: Sodium Standard	0.41 <u>0.32</u>	OR	0.04	+	13.07 <u>11.43</u>	=	13.48 <u>11.75</u>	OR	13.11 <u>11.47</u>
100: Sodium Flood	0.41 <u>0.32</u>	OR	0.04	+	15.17 <u>13.26</u>	=	15.58 <u>13.58</u>	OR	15.21 <u>13.30</u>
150: Sodium Standard	0.41 <u>0.32</u>	OR	0.04	+	15.52 <u>13.57</u>	=	15.93 <u>13.89</u>	OR	15.56 <u>13.61</u>
175: Metal Halide Standard	0.41 <u>0.32</u>	OR	0.04	+	18.49 <u>16.17</u>	=	18.90 <u>16.49</u>	OR	18.53 <u>16.21</u>
200: Sodium Standard	0.41 <u>0.32</u>	OR	0.04	+	18.38 <u>16.07</u>	=	18.79 <u>16.39</u>	OR	18.42 <u>16.11</u>
200: Sodium Flood	0.41 <u>0.32</u>	OR	0.04	+	20.33 <u>17.78</u>	=	20.74 <u>18.10</u>	OR	20.37 <u>17.82</u>
250: Sodium Standard	0.41 <u>0.32</u>	OR	0.04	+	21.12 <u>18.47</u>	=	21.53 <u>18.79</u>	OR	21.16 <u>18.51</u>
250: Metal Halide Flood	0.41 <u>0.32</u>	OR	0.04	+	23.87 <u>20.87</u>	=	24.28 <u>21.19</u>	OR	23.91 <u>20.91</u>
250: Metal Halide Standard	0.41 <u>0.32</u>	OR	0.04	+	22.95 <u>20.07</u>	=	23.36 <u>20.39</u>	OR	22.99 <u>20.11</u>
400: Sodium Standard	0.41 <u>0.32</u>	OR	0.04	+	28.63 <u>25.03</u>	=	29.04 <u>25.35</u>	OR	28.67 <u>25.07</u>
400: Sodium Flood	0.41 <u>0.32</u>	OR	0.04	+	30.27 <u>26.47</u>	=	30.68 <u>26.79</u>	OR	30.31 <u>26.51</u>
400: Metal Halide Flood	0.41 <u>0.32</u>	OR	0.04	+	30.98 <u>27.09</u>	=	31.39 <u>27.41</u>	OR	31.02 <u>27.13</u>
400: Metal Halide Standard	0.41 <u>0.32</u>	OR	0.04	+	29.30 <u>25.62</u>	=	29.71 <u>25.94</u>	OR	29.34 <u>25.66</u>
Ms2									
50: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>9.17</u>	=	<u>9.56</u>	OR	<u>9.20</u>
70: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>11.22</u>	=	<u>11.61</u>	OR	<u>11.25</u>
100: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>13.37</u>	=	<u>13.76</u>	OR	<u>13.40</u>
150: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>15.88</u>	=	<u>16.27</u>	OR	<u>15.91</u>
175: Metal Halide	<u>0.39</u>	OR	<u>0.03</u>	+	<u>18.91</u>	=	<u>19.30</u>	OR	<u>18.94</u>
200: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>18.80</u>	=	<u>19.19</u>	OR	<u>18.83</u>
250: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>21.60</u>	=	<u>21.99</u>	OR	<u>21.63</u>
250: Metal Halide	<u>0.39</u>	OR	<u>0.03</u>	+	<u>23.47</u>	=	<u>23.86</u>	OR	<u>23.50</u>
400: Sodium	<u>0.39</u>	OR	<u>0.03</u>	+	<u>29.27</u>	=	<u>29.66</u>	OR	<u>29.30</u>
400: Metal Halide	<u>0.39</u>	OR	<u>0.03</u>	+	<u>29.97</u>	=	<u>30.36</u>	OR	<u>30.00</u>
Ms3									
50	<u>0.48</u>	OR	<u>0.05</u>	+	<u>3.06</u>	=	<u>3.54</u>	OR	<u>3.11</u>
70	<u>0.48</u>	OR	<u>0.05</u>	+	<u>4.48</u>	=	<u>4.96</u>	OR	<u>4.53</u>
100	<u>0.48</u>	OR	<u>0.05</u>	+	<u>6.95</u>	=	<u>7.43</u>	OR	<u>7.00</u>
150	<u>0.48</u>	OR	<u>0.05</u>	+	<u>9.85</u>	=	<u>10.33</u>	OR	<u>9.90</u>
175	<u>0.48</u>	OR	<u>0.05</u>	+	<u>11.16</u>	=	<u>11.64</u>	OR	<u>11.21</u>
200	<u>0.48</u>	OR	<u>0.05</u>	+	<u>13.05</u>	=	<u>13.53</u>	OR	<u>13.10</u>
250	<u>0.48</u>	OR	<u>0.05</u>	+	<u>16.23</u>	=	<u>16.71</u>	OR	<u>16.28</u>
400	<u>0.48</u>	OR	<u>0.05</u>	+	<u>25.07</u>	=	<u>25.55</u>	OR	<u>25.12</u>
1000	<u>0.48</u>	OR	<u>0.05</u>	+	<u>58.40</u>	=	<u>58.88</u>	OR	<u>58.45</u>

(Continued on Sheet No. D-6.02)

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2022~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-~~20880-21541~~

ENERGY WASTE REDUCTION (EWR) SURCHARGE
(Continued From Sheet No. D-6.01)

LIGHTING RATE SCHEDULES (cont.)

Customers on the following rate schedules shall receive a Delivery/distribution EWR Surcharge per lamp, per month, as indicated below.

<u>RATE SCHEDULE</u>	<u>Customers without Self- Directed Plan</u>		<u>Customers with Self- Directed Plan</u>				<u>Customers without Self- Directed Plan</u>		<u>Customers with Self- Directed Plan</u>
	<u>EWR Rate, per month, per lamp</u>	<u>OR</u>	<u>EWR Rate, per month, per lamp</u>	<u>+</u>	<u>Rate per month, per lamp</u>	<u>=</u>	<u>TOTAL Rate per month, per lamp</u>	<u>OR</u>	<u>TOTAL Rate per month, per lamp</u>
<u>Ls-1M (Company) Full Requirements</u>									
<u>Cobra Head</u>									
<u>100: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>13.75</u>	<u>=</u>	<u>14.09</u>	<u>OR</u>	<u>13.78</u>
<u>150: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>15.34</u>	<u>=</u>	<u>15.68</u>	<u>OR</u>	<u>15.37</u>
<u>250: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>18.85</u>	<u>=</u>	<u>19.19</u>	<u>OR</u>	<u>18.88</u>
<u>400: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>26.43</u>	<u>=</u>	<u>26.77</u>	<u>OR</u>	<u>26.46</u>
<u>Area-Power Bracket</u>									
<u>100: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>12.05</u>	<u>=</u>	<u>12.39</u>	<u>OR</u>	<u>12.08</u>
<u>150: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>16.12</u>	<u>=</u>	<u>16.46</u>	<u>OR</u>	<u>16.15</u>
<u>Directional –Flood</u>									
<u>250: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>24.64</u>	<u>=</u>	<u>24.98</u>	<u>OR</u>	<u>24.67</u>
<u>400: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>29.48</u>	<u>=</u>	<u>29.82</u>	<u>OR</u>	<u>29.51</u>
<u>400: Metal Halide</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>29.47</u>	<u>=</u>	<u>29.81</u>	<u>OR</u>	<u>29.50</u>
<u>1000: Metal Halide</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>53.38</u>	<u>=</u>	<u>53.72</u>	<u>OR</u>	<u>53.41</u>
<u>Ls-1M (Customer) Full Requirements</u>									
<u>Cobra Head</u>									
<u>100: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>9.66</u>	<u>=</u>	<u>10.00</u>	<u>OR</u>	<u>9.69</u>
<u>150: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>10.24</u>	<u>=</u>	<u>10.58</u>	<u>OR</u>	<u>10.27</u>
<u>250: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>13.48</u>	<u>=</u>	<u>13.82</u>	<u>OR</u>	<u>13.51</u>
<u>400: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>18.10</u>	<u>=</u>	<u>18.44</u>	<u>OR</u>	<u>18.13</u>
<u>LED</u>									
<u>100: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>7.53</u>	<u>=</u>	<u>7.87</u>	<u>OR</u>	<u>7.56</u>
<u>150: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>10.92</u>	<u>=</u>	<u>11.26</u>	<u>OR</u>	<u>10.95</u>
<u>250: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>14.30</u>	<u>=</u>	<u>14.64</u>	<u>OR</u>	<u>14.33</u>
<u>400: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>17.67</u>	<u>=</u>	<u>18.01</u>	<u>OR</u>	<u>17.70</u>

(Continued on Sheet No. D-6.03)

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-20880-21541

ENERGY WASTE REDUCTION (EWR) SURCHARGE
(Continued From Sheet No. D-6.02)

LIGHTING RATE SCHEDULES (cont.)

Customers on the following rate schedules shall receive a Delivery/distribution EWR Surcharge per lamp, per month, as indicated below.

<u>RATE SCHEDULE</u>	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
	<u>EWR Rate, per month, per lamp</u>	<u>OR</u>	<u>EWR Rate, per month, per lamp</u>	<u>+</u>	<u>Rate per month, per lamp</u>	<u>=</u>	<u>TOTAL Rate per month, per lamp</u>	<u>OR</u>	<u>TOTAL Rate per month, per lamp</u>
<u>Ls-1M (Company)</u>									
<u>Retail Access</u>									
<u>Cobra Head</u>									
<u>100: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>12.07</u>	<u>=</u>	<u>12.41</u>	<u>OR</u>	<u>12.10</u>
<u>150: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>13.48</u>	<u>=</u>	<u>13.82</u>	<u>OR</u>	<u>13.51</u>
<u>250: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>16.55</u>	<u>=</u>	<u>16.89</u>	<u>OR</u>	<u>16.58</u>
<u>400: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>23.22</u>	<u>=</u>	<u>23.56</u>	<u>OR</u>	<u>23.25</u>
<u>Area-Power Bracket</u>									
<u>100: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>11.22</u>	<u>=</u>	<u>11.56</u>	<u>OR</u>	<u>11.25</u>
<u>150: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>15.01</u>	<u>=</u>	<u>15.35</u>	<u>OR</u>	<u>15.04</u>
<u>Directional –Flood</u>									
<u>250: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>22.94</u>	<u>=</u>	<u>23.28</u>	<u>OR</u>	<u>24.97</u>
<u>400: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>27.46</u>	<u>=</u>	<u>27.80</u>	<u>OR</u>	<u>27.49</u>
<u>400: Metal Halide</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>27.45</u>	<u>=</u>	<u>27.79</u>	<u>OR</u>	<u>27.48</u>
<u>1000: Metal Halide</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>49.72</u>	<u>=</u>	<u>50.06</u>	<u>OR</u>	<u>49.75</u>
<u>Ls-1M (Customer)</u>									
<u>Retail Access</u>									
<u>Cobra Head</u>									
<u>100: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>8.49</u>	<u>=</u>	<u>8.83</u>	<u>OR</u>	<u>8.52</u>
<u>150: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>9.00</u>	<u>=</u>	<u>9.34</u>	<u>OR</u>	<u>9.03</u>
<u>250: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>11.84</u>	<u>=</u>	<u>12.18</u>	<u>OR</u>	<u>11.87</u>
<u>400: Sodium Vapor</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>15.90</u>	<u>=</u>	<u>16.24</u>	<u>OR</u>	<u>15.93</u>
<u>LED</u>									
<u>100: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>6.62</u>	<u>=</u>	<u>6.96</u>	<u>OR</u>	<u>6.65</u>
<u>150: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>9.59</u>	<u>=</u>	<u>9.93</u>	<u>OR</u>	<u>9.62</u>
<u>250: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>12.56</u>	<u>=</u>	<u>12.90</u>	<u>OR</u>	<u>12.59</u>
<u>400: LED</u>	<u>0.34</u>	<u>OR</u>	<u>0.03</u>	<u>+</u>	<u>15.52</u>	<u>=</u>	<u>15.86</u>	<u>OR</u>	<u>15.55</u>

(Continued on Sheet No. D-6.04)

Issued xxxxxx
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated xxxxxx
in Case No. U-2154021541

ENERGY WASTE REDUCTION (EWR) SURCHARGE
(Continued From Sheet No. D-6.03)

LED STREET LIGHTING SERVICE RATE SCHEDULE

The LED1 rate schedule shall receive an EWR Surcharge per kWh as shown below.

	Customers without Self-Directed Plan		Customers with Self-Directed Plan						
	EWR Rate per month, per light fixture		EWR Rate per month, per light fixture				Customers without Self-Directed Plan		Customers with Self-Directed Plan
LED: kWh	(\$0.0078100782, per kWh x Max bracket kWh)	OR	(\$0.0014400109, per kWh x Max bracket kWh)	+	Energy Charge, per month, per light fixture	=	TOTAL Energy Charge per month, per light fixture	OR	TOTAL Energy Charge per month, per light fixture
0-3	0.023460.02343	OR	0.003270.00432	+	\$0.50000	=	\$0.52346 0.50343	OR	\$0.50327 0.48432
4-6	0.046920.04686	OR	0.006540.00864	+	\$0.99000	=	\$1.03692 1.01686	OR	\$0.99654 0.97864
7-9	0.070380.07029	OR	0.009810.01296	+	\$1.49000	=	\$1.56038 1.52029	OR	\$1.49981 1.46296
10-12	0.093840.09372	OR	0.013080.01728	+	\$1.98000	=	\$2.07384 2.02372	OR	\$1.99308 1.94728
13-15	0.117300.11715	OR	0.016350.02160	+	\$2.48000	=	\$2.59730 2.53715	OR	\$2.49635 2.44160
16-18	0.140760.14058	OR	0.019620.02592	+	\$2.97000	=	\$3.11076 3.04058	OR	\$2.98962 2.92592
19-21	0.164220.16401	OR	0.022890.03024	+	\$3.47000	=	\$3.63422 3.54401	OR	\$3.49289 3.41024
22-24	0.187680.18744	OR	0.026160.03456	+	\$3.96000	=	\$4.14768 4.05744	OR	\$3.98616 3.90456
25-27	0.211140.21087	OR	0.029430.03888	+	\$4.46000	=	\$4.67114 4.56087	OR	\$4.48943 4.38888
28-30	0.234600.23430	OR	0.032700.04320	+	\$4.95000	=	\$5.18460 5.06430	OR	\$4.98270 4.87320
31-33	0.258060.25773	OR	0.035970.04752	+	\$5.45000	=	\$5.70806 5.57773	OR	\$5.48597 5.36752
34-36	0.281520.28116	OR	0.039240.05184	+	\$5.94000	=	\$6.22152 6.08116	OR	\$5.97924 5.85184
37-39	0.304980.30459	OR	0.042510.05616	+	\$6.44000	=	\$6.74498 6.58459	OR	\$6.48251 6.33616
40-42	0.328440.32802	OR	0.045780.06048	+	\$6.93000	=	\$7.25844 7.09802	OR	\$6.97578 6.83048
43-45	0.351900.35145	OR	0.049050.06480	+	\$7.43000	=	\$7.78190 7.60145	OR	\$7.47905 7.31480
46-48	0.375360.37488	OR	0.052320.06912	+	\$7.92000	=	\$8.29536 8.10488	OR	\$7.97232 7.79912
49-51	0.398820.39831	OR	0.055590.07344	+	\$8.42000	=	\$8.81882 8.61831	OR	\$8.47559 8.29344
52-54	0.422280.42174	OR	0.058860.07776	+	\$8.91000	=	\$9.33228 9.12174	OR	\$8.96886 8.77776
55-57	0.445740.44517	OR	0.062130.08208	+	\$9.41000	=	\$9.85574 9.62517	OR	\$9.47213 9.26208
58-60	0.469200.46860	OR	0.065400.08640	+	\$9.90000	=	\$10.36920 10.13860	OR	\$9.96540 9.75640
61-63	0.492660.49203	OR	0.068670.09072	+	\$10.40000	=	\$10.89266 10.64203	OR	\$10.46867 10.24072
64-66	0.516120.51546	OR	0.071940.09504	+	\$10.89000	=	\$11.40612 11.14546	OR	\$10.96194 10.72504
67-69	0.539580.53889	OR	0.075210.09936	+	\$11.39000	=	\$11.92958 11.65889	OR	\$11.46521 11.21936
70-72	0.563040.56232	OR	0.078480.10368	+	\$11.89000	=	\$12.45304 12.16232	OR	\$11.96848 11.70368
73-75	0.586500.58575	OR	0.081750.10800	+	\$12.38000	=	\$12.96650 12.66575	OR	\$12.46175 12.18800
76-78	0.609960.60918	OR	0.085020.11232	+	\$12.88000	=	\$13.48996 13.17918	OR	\$12.96502 12.68232
79-81	0.633420.63261	OR	0.088290.11664	+	\$13.37000	=	\$14.00342 13.68261	OR	\$13.45829 13.16664
82-84	0.656880.65604	OR	0.091560.12096	+	\$13.87000	=	\$14.52688 14.18604	OR	\$13.96156 13.65096
85-87	0.680340.67947	OR	0.094830.12528	+	\$14.36000	=	\$15.04034 14.68947	OR	\$14.45483 14.13528
88-90	0.703800.70290	OR	0.098100.12960	+	\$14.86000	=	\$15.56380 15.20290	OR	\$14.95810 14.62960
91-93	0.727260.72633	OR	0.101370.13392	+	\$15.35000	=	\$16.07726 15.70633	OR	\$15.45137 15.11392
94-96	0.750720.74976	OR	0.104640.13824	+	\$15.85000	=	\$16.60072 16.20976	OR	\$15.95464 15.59824
97-99	0.774180.77319	OR	0.107910.14256	+	\$16.34000	=	\$17.11418 16.72319	OR	\$16.44791 16.09256

(Continued on Sheet No. D-6.05)

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-20880-21541

ENERGY WASTE REDUCTION (EWR) SURCHARGE
(Continued From Sheet No. D-6.04)

LED STREET LIGHTING SERVICE RATE SCHEDULE (cont.)

The LED1 rate schedule shall receive an EWR Surcharge per kWh as shown below.

	Customers without Self-Directed Plan		Customers with Self-Directed Plan						
	EWR Rate per month, per light fixture		EWR Rate per month, per light fixture				Customers without Self-Directed Plan		Customers with Self-Directed Plan
LED: kWh	(\$0.007812, per kWh x Max bracket kWh)	OR	(\$0.0014400109, per kWh x Max bracket kWh)	+	Energy Charge, per month, per light fixture	=	TOTAL Energy Charge per month, per light fixture	OR	TOTAL Energy Charge per month, per light fixture
100-102	0.797640.79662	OR	0.111180.14688	+	\$16.84000	=	\$17.63764 17.22662	OR	\$16.95118 16.57688
103-105	0.821100.82005	OR	0.114450.15120	+	\$17.33000	=	\$18.15110 17.73005	OR	\$17.44445 17.06120
106-108	0.844560.84348	OR	0.117720.15552	+	\$17.83000	=	\$18.67456 18.24348	OR	\$17.94772 17.55552
109-111	0.868020.86691	OR	0.120990.15984	+	\$18.32000	=	\$19.18802 18.74691	OR	\$18.44099 18.03984
112-114	0.891480.89034	OR	0.124260.16416	+	\$18.82000	=	\$19.71148 19.25034	OR	\$18.94426 18.52416
115-117	0.914940.91377	OR	0.127530.16848	+	\$19.31000	=	\$20.22494 19.76377	OR	\$19.43753 19.01848

MUNICIPAL DEFENSE SIREN RATE SCHEDULE

*The Mg1 rate schedule shall receive an EWR Surcharge per year or any part of a year for each 2 horsepower or fraction thereof for each siren installed, as shown below.

	Customers without Self-Directed Plan		Customers with Self-Directed Plan				Customers without Self-Directed Plan		Customers with Self-Directed Plan
RATE SCHEDULE	EWR Rate	OR	EWR Rate	+	*Rate per year, per siren	=	*TOTAL Rate per year, per siren	OR	*TOTAL Rate per year, per siren
Mg1	0.060.07	OR	0.01	+	2.98	=	3.043.05	OR	2.99

OTHER RATE SCHEDULES

The following rate schedules shall receive an EWR Surcharge as indicated above consistent with the rate schedule under which the customer is served. The EWR Surcharge is not prorated based on the level of participation selected under rate schedules ERER1, ERER2 or ERER3.

RATE SCHEDULE

ERER1

ERER2

ERER3

Ds1

CGS Category 1

Customers contracting for Retail Access Service

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and after ~~June 1, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-2088021541

Reserved for Future Use

TAX CUTS AND JOBS ACT OF 2017 CREDIT (TCJA)

FULL REQUIREMENTS SERVICE

TCJA Credits are applicable to the rate schedules as indicated below for customers contracting for full requirements service. Customers shall receive the Credit A and Calculation C Credit until the Company is authorized new base rates in a general rate case proceeding.

		Calculation C Credit	
		Effective	
		<u>July 1, 2020</u>	Effective
		<u>to Dec. 31, 2020</u>	<u>Jan. 1, 2021</u>
Rate Schedule No.	Credit A \$/kWh		
Rg1	(.00385)	(.00072)	(.00052)
Rg2	(.00348)	(.00073)	(.00054)
Cg1, Cg2, TssM, TssU	(.00411)	(.00080)	(.00057)
Cg5	(.00252)	(.00050)	(.00037)
Cg3, Cg3C	(.00231)	(.00041)	(.00027)
Cp3	(.00130)	(.00030)	(.00021)
Cp1, Cp2, Cp4, Special Contract	(.00179)	(.00043)	(.00034)
Schedule A	(.00086)	(.00006)	(.00006)
CpLC	(.00072)	(.00009)	(.00009)
Ms2, Ms3, GL1, LED1, Mg1	(.00624)	(.00114)	(.00083)

The following rate schedules shall receive a TCJA Credit as indicated above consistent with the rate schedule under which the customer is served. The TCJA credit is not prorated based on the level of participation selected under rate schedules ERER1, ERER2 or ERER3.

Rate Schedule No.

ERER1

ERER2

ERER3

DS1

CGS Category 1

CGS Category 2

CGS Biogas

RETAIL ACCESS SERVICE

TCJA Credits are applicable to the rate schedules as indicated below for customers contracting for retail access service. Customers shall receive the Credit A and Calculation C Credit until the Company is authorized new base rates in a general rate case proceeding.

		Calculation C Credit	
		Effective	
		<u>July 1, 2020</u>	Effective
		<u>to Dec. 31, 2020</u>	<u>Jan. 1, 2021</u>
Rate Schedule No.	Credit A \$/kWh		
Rg1	(.00289)	(.00036)	(.00036)
Cg 1, TssM, TssU	(.00315)	(.00051)	(.00036)
Cg 3	(.00144)	(.00020)	(.00013)
Cp1 Cp4	(.00095)	(.00016)	(.00013)
Schedule A	(.00012)	(.00002)	(.00001)
Cp LC	(.00001)	(.00000)	(.00000)

Issued July 1, 2020
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after July 1, 2020 January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated June 30, 2020
in Case No. U-2031421541

RESIDENTIAL FULL REQUIREMENTS OR RETAIL ACCESS SERVICE RATE Rg1

AVAILABILITY

To customers contracting for residential full requirements or retail access service for periods of one year or more for separately metered residential dwelling units including those in residences, summer cottages, and apartment buildings.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase or combination single and three-phase service.

RATE

Power Supply Charges: These charges are applicable to Full Requirements service.

	<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>
Non-Space heating:	\$0.0425 <u>\$0.04137</u>	\$0.04748 <u>\$0.07111</u>	\$0.08999 <u>\$0.11248</u> per kWh

For customers with permanently installed electric space heating equipment which is the primary source of space heating, the following rate shall apply during the billing months of November through June:

	<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>
Space heating:	\$0.0425 <u>\$0.04137</u>	\$0.04748 <u>\$0.07111</u>	\$0.08999 <u>\$0.11248</u> per kWh
first 500 kWh per month			
excess of 500 kWh per month	\$0.0425 <u>\$0.04137</u>	\$0.04498 <u>\$0.06736</u>	\$0.08749 <u>\$0.10873</u> per kWh

Delivery Charges: These charges are applicable to Full Requirements and Retail Access service.

Facilities-Fixed Charge:	per day per standard meter or service connection
	\$0.31582 single-phase
	\$0.47373 three-phase
Distribution Charge:	\$0.05314 <u>\$0.04772</u> per kWh
Excess Meter Charge:	\$0.03288 per day per standard meter in excess of one

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.0100~~.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, and the Excess Meter Charge, if applicable.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

PAYMENT: This rate is net.

LATE PAYMENT CHARGE

The late payment charge is 1.5%, not compounded, of the portion of the bill, net of taxes, that is delinquent. The late payment charge shall not apply to customers whose payments are made by the Department of Human Services or who are participating in a shut off protection program as described in the Consumer Standards and Billing Practices for Electric Residential Service (R460.101-460.169).

RETAIL ACCESS OPTION

Customers who meet the availability requirements of the Rg1 rate schedule may contract for residential retail access service. Retail access customers shall pay the above applicable Delivery Charges, Minimum Charge, and Late Payment Charge. Additionally, retail access customers shall pay the Capacity Power Supply Charges above, not subject to Power Supply surcharges and credits, if their Alternative Electric Supplier has not secured generation capacity for the customer. There is a \$2.79452 per day charge for an interval demand meter or service connection if applicable. Customers taking retail access service are also subject to the Terms and Conditions contained in the Retail Access Service tariff rate schedule RAS-1, Section E. (Continued on Sheet No. D-8.01)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

RESIDENTIAL FULL REQUIREMENTS OR RETAIL ACCESS SERVICE RATE Rg1
(Continued From Sheet No. D-8.00)

CONDITIONS OF DELIVERY

See Sheet Nos. D-10.00 – D-11.00. In addition to the Conditions of Delivery noted, retail access service customers are also subject to the Terms and Conditions contained in the Retail Access Service tariff, Section E.

Residential Income Assistance (RIA) Service Provision:

When service is supplied to a residential customer for primary residence, where the total household income does not exceed 150% of the Federal Poverty Level, a credit shall be applied during all billing months. The total household income is verified when the customer has provided proof that they have received, or are currently participating in, one or more of the following within the past 12 months:

1. A Home Heating Credit energy draft
2. State Emergency Relief
3. Assistance from a Michigan Energy Assistance Program (MEAP)
4. SNAP
5. Medicaid

If the customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the Income Assistance Service Provision (RIA) shall be applied as follows:

Income Assistance Credit: \$(9.60) per customer per month

Residential Service Senior Citizen Provision:

When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows: Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Senior Assistance Credit: \$(4.80) per month per customer

This credit shall not be taken in conjunction with a credit for the Residential Income Assistance (RIA) Service Provision.

RESIDENTIAL FULL REQUIREMENTS SERVICE TIME-OF-USE RATE Rg2

AVAILABILITY

To residential customers contracting for full requirements service on a voluntary basis for electric service for domestic purposes for a period of one year or more. Customers are required to remain on the selected on-peak period for at least one year.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 Hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Delivery and Power Supply Charges:

Facilities <u>Fixed</u> Charge:	\$0.31582	per day per standard meter or service connection
	\$0.47373	single-phase
		three-phase
Distribution and Power Supply Charges:		
	<u>Capacity</u>	<u>Non-Capacity</u>
	\$0. 11642 <u>13549</u>	\$0. 23564 <u>14161</u>
per kWh On-peak (a)		\$0. 0.35206 <u>27710</u>
(b)		\$0. 0.73950 <u>5818</u> per kWh Off-peak
Excess Meter Charge:	\$0.03288	per day per standard meter in excess of one

Delivery and Power Supply Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

- (a) Residential on-peak usage is the energy in kilowatt-hours delivered during the on-peak period selected by the customer. The four on-peak periods available are: 7:00 a.m. to 7:00 p.m., 8:00 a.m. to 8:00 p.m., 9:00 a.m. to 9:00 p.m. and 10:00 a.m. to 10:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (b) Residential off-peak usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities~~ Fixed Charge, the Renewable Energy Surcharge, and the Excess Meter Charge, if applicable.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

PAYMENT: This rate is net.

LATE PAYMENT CHARGE

The late payment charge is 1.5%, not compounded, of the portion of the bill, net of taxes, that is delinquent. The late payment charge shall not apply to customers whose payments are made by the Department of Human Services or who are participating in a shut off protection program as described in the Consumer Standards and Billing Practices for Electric Residential Service (R460.101-460.169).

CONDITIONS OF DELIVERY See Sheet Nos. D-10.00 – D-11.00.

(Continued on Sheet No. D-~~10.009~~ 10)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~ 1541

RESIDENTIAL FULL REQUIREMENTS SERVICE TIME-OF-USE RATE Rg2
(Continued From Sheet No. D-9.00)

Residential Income Assistance (RIA) Service Provision:

When service is supplied to a residential customer for primary residence, where the total household income does not exceed 150% of the Federal Poverty Level, a credit shall be applied during all billing months. The total household income is verified when the customer has provided proof that they have received, or are currently participating in, one or more of the following within the past 12 months:

1. A Home Heating Credit energy draft
2. State Emergency Relief
3. Assistance from a Michigan Energy Assistance Program (MEAP)
4. SNAP
5. Medicaid

If the customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the Income Assistance Service Provision (RIA) shall be applied as follows:

Income Assistance Credit: \$(9.60) per customer per month

Residential Service Senior Citizen Provision:

When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows: Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Senior Assistance Credit: \$(4.80) per month per customer

This credit shall not be taken in conjunction with a credit for the Residential Income Assistance (RIA) Service Provision.

(Continued on Sheet No. D-10.00)

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

Effective for service rendered on and
after January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated
in Case No. U-21541

RESIDENTIAL SERVICE TIME-OF-USE RATES Rg1 & Rg2
(Continued from Sheet No. D-8.00)

CONDITIONS OF DELIVERY (Cont.)

10. Temporary service is available under this rate upon the payment in advance of the Company's estimated cost of providing and installing all facilities required especially for such service, plus the estimated cost of removing such facilities, less the estimated salvage value of the property removed. In no case shall the net payment by the customer be less than \$25.00.
11. Energy furnished under rates for residential service shall not be resold.
12. The Company shall not be required to provide service as standby for other types of energy or fuel.
13. Renewable energy systems under schedule Rg2 shall utilize electricity as the sole supplemental source of energy. The installation must be approved by the local code authority.
14. Energy storage systems under schedule Rg2 must be adequate to supply all the energy requirements for the purpose intended and shall utilize electricity as the sole source of energy. The installation must be approved by the local code authority.
15. Customers who wish to operate electric generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules Cgs Category 1, Cgs Category 2, Cgs Large, Cgs Biogas ~~and~~, CGS-PV, Pg-2M, Pg-3M, Pg-4M and DG-1.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

GENERAL SECONDARY FULL REQUIREMENTS OR RETAIL ACCESS SERVICE RATE Cg1

AVAILABILITY

To customers contracting for secondary full requirements or retail access service for one year or more for general commercial, industrial, or governmental purposes.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Power Supply Charges: These charges are applicable to Full Requirements service.

<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>
\$0.041730 <u>\$0.04045</u>	\$0.074690 <u>\$0.04798</u>	\$0.115140 <u>\$0.08971</u> per kWh

Delivery Charges: These charges are applicable to Full Requirements and Retail Access service.

Facilities-Fixed Charge:	per day per standard meter or service connection
	\$0.49315 single-phase
	\$0.96986 three-phase
Distribution Charge:	\$0.049930 <u>\$0.05443</u> per kWh
Excess Meter Charge:	\$0.03288 per day per standard meter in excess of one

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

MINIMUM CHARGE

For regular service the monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, and the Excess Meter Charge, if applicable. For auxiliary service the monthly minimum charge shall be as provided in conditions of delivery. See paragraph 6, Conditions of Delivery.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

LATE PAYMENT CHARGE

A 1.5% per month late charge will be applied to outstanding charges past due.

RETAIL ACCESS OPTION

Customers who meet the availability requirements of the Cg1 rate schedule may contract for secondary retail access service. Retail access customers shall pay the above applicable Delivery Charges, Minimum Charge, and Late Payment Charge. Additionally, retail access customers shall pay the Capacity Power Supply Charge above, not subject to Power Supply surcharges and credits, if their Alternative Electric Supplier has not secured generation capacity for the customer. There is a \$2.79452 per day charge for an interval demand meter or service connection if applicable. Customers taking retail access service are also subject to the Terms and Conditions contained in the Retail Access Service tariff rate schedule RAS-1, Section E.

CONDITIONS OF DELIVERY

See Sheet No. D-22.00. In addition to the Conditions of Delivery noted, retail access service customers are also subject to the Terms and Conditions contained in the Retail Access Service tariff, Section E.

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

GENERAL SECONDARY TOTAL ELECTRIC FULL REQUIREMENTS SERVICE Cg2

AVAILABILITY

To customers contracting for secondary full requirements service for one year or more for general commercial, industrial, or governmental purposes where electricity is used as the sole source of energy for space heating, water heating and all other uses. Service under this schedule is only available to premises currently served under this schedule. This schedule has been closed to new installations since February 5, 1985.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Power Supply Charges:

<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>
\$0.041730 <u>\$0.03180</u>	\$0.054060 <u>\$0.03948</u>	\$0.085860 <u>\$0.08121</u> per kWh

Delivery Charges:

Facilities-Fixed Charge: per day per standard meter or service connection
\$0.49315 single-phase
\$0.96986 three-phase
Distribution Charge: ~~\$0.043129~~ \$0.05443 per kWh
Excess Meter Charge: \$0.03288 per day per standard meter in excess of one

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

MINIMUM CHARGE

The monthly minimum charge shall be the Facilities-Fixed Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, and the Excess Meter Charge, if applicable.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

1. The Company will generally furnish single-phase, 60 hertz service at 120/240 volts. Three-phase or combination single-phase and three-phase service will be furnished in accordance with the Electric Service Rules and Regulations of the Company.
2. When lighting service is furnished through one meter and power service through another, the registrations of the two meters will be added for billing purposes if the meters are installed at the same location. Where separately metered service is furnished for emergency exit lighting, fire alarm system or fire pump purposes the energy used will be accumulated and billed with the regular service, provided that it is furnished from the service connection which supplies regular service.
3. Service under this rate is for general use in commercial, industrial, and governmental establishments, including any group of three or more dwelling units which are served through one meter and comply with the Electric Service Rules and Regulations governing resale. When farming and commercial or industrial operations are combined, the applicable rate shall be determined by the predominant use of service.
4. At the request of a customer, service will be furnished under this rate at the available primary voltage by special arrangement under which the customer will agree to furnish, own and maintain at his expense all apparatus and material necessary for proper utilization of service at such voltage. In such cases the service will be metered at the supply voltage and kilowatt-hours registered will be reduced by 3%.

-(Continued on Sheet No. D-14.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

GENERAL SECONDARY TOTAL ELECTRIC FULL REQUIREMENTS SERVICE Cg2
(Continued From Sheet No. D-13.00)

CONDITIONS OF DELIVERY (Cont.)

5. Energy furnished under this rate shall not be resold except as provided in the Electric Service Rules and Regulations of the Company.
6. This rate applies when the Company furnishes the entire electric service requirements of a customer. The Company will, however, furnish auxiliary service hereunder to a customer who operates his power plant. If the power plant is so operated that all or any portion of the customer's load can be served either from the power plant or from the Company's system, the customer shall contract for a demand mutually agreed upon, but in no case less than 5 kW. The customer's demand shall be metered, and his net monthly bill for auxiliary service shall not be less than \$2.50 per kW of the highest measured demand in the twelve-month period ending with the current month, or the minimum demand specified in the contract, whichever is the greater.
7. Customers who wish to operate electric generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules Cgs Category 1, Cgs Category 2, Cgs Large, Cgs Biogas ~~and~~ CGS-PV, ~~Pg-2M, Pg-3M, Pg-4M and DG-1.~~
8. The Company shall not be required to provide service facilities except as specified in paragraph 6 for any customer which are substantially in excess of that required for the customer's regular use.
9. Except as provided by contract entered into pursuant to paragraph 6 of these conditions, the Company shall not be required to provide service as standby for other types of energy or fuel.
10. A customer who regularly uses service for periods of less than one year may pay the monthly minimum charge during the months in which he does not require service or, upon his request, service will be disconnected and the customer will pay a disconnection and reconnection charge of \$25.00 if the Company's service facilities are not removed.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~ 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

GENERAL SECONDARY FULL REQUIREMENTS OR RETAIL ACCESS SERVICE TIME-OF-USE RATE Cg3
AVAILABILITY

For customers contracting for secondary full requirements or retail access electric service for one year or more for general commercial, industrial or governmental purposes, and whose energy consumption is equal to or greater than 30,000 kWh per month, for three consecutive months. The customer must remain on this rate classification for 12 months before becoming eligible to transfer to a different general secondary rate. If the customer transfers from the Cg3 rate to a different rate, the customer must wait 12 months before they can transfer back to the Cg3 rate. This rate is available to customers previously served under the Cg3 rate schedule only after they have taken service for at least a 12-month period under another of the Company's rate schedules.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Power Supply Charges: These charges are applicable to Full Requirements service.

Capacity Demand Charge: ~~\$16.564~~14.528 per kW Measured On-peak Demand

Non-Capacity Energy Charge:

~~\$0.05833~~0.08815 per kWh On-Peak (a)

~~\$0.03807~~0.05887 per kWh Off-peak (b)

Delivery Charges: These charges are applicable to Full Requirements and Retail Access service.

~~Facilities-Fixed~~ Charge: \$2.79452 per day per standard meter or service connection

Demand Charge: ~~\$5.5926~~3.33 per kW of Customer Maximum Demand

Distribution Charge: ~~\$0.0122~~0.01382 per kWh On-peak (a)

~~\$0.0122~~0.01382 per kWh Off-peak (b)

Excess Meter Charge: \$0.13151 per day per standard meter in excess of one

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~D-7.00.

- (a) General Secondary on-peak usage is the energy in kilowatt-hours delivered between 9:00 a.m. and 9:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Years' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (b) General Secondary off-peak usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, the Excess Meter Charge, and the Customer Maximum Demand Charge. Auxiliary service shall be as provided in Paragraph 6, Conditions of Delivery, Sheet D-22.00.

RATE REALIGNMENT ADJUSTMENT
See Schedule RRA starting on Sheet D-157.00.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

RETAIL ACCESS OPTION

Customers who meet the availability requirements of the Cg3 rate schedule may contract for secondary retail access service. Retail access customers shall pay the above applicable Delivery Charges, Minimum Charge, and Late Payment Charge. Additionally, retail access customers shall pay the Power Supply Capacity Demand Charge above, not subject to Power Supply surcharges and credits, if their Alternative Electric Supplier has not secured generation capacity for the customer. Customers taking retail access service are also subject to the Terms and Conditions contained in the Retail Access Service tariff rate schedule RAS-1, Section E.

CONDITIONS OF DELIVERY

See Sheet No. D-22.00. In addition to the Conditions of Delivery noted, retail access service customers are also subject to the Terms and Conditions contained in the Retail Access Service tariff, Section E.

(Continued on Sheet No. D-16.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~1541

GENERAL SECONDARY FULL REQUIREMENTS SERVICE – EXPERIMENTAL CURTAILABLE RATE Cg3C

AVAILABILITY

To customers who would otherwise qualify for General Secondary Service – Time-of-Use Rate Schedule Cg3, and contract for a minimum of 100 kilowatts of curtailable load. The Company reserves the right to limit participation to 10 customers.

RATE

Power Supply Charges:

Capacity Demand Charge: ~~\$16.564~~14.528 per kW Measured On-peak Demand

Curtailable Demand Credit \$0.02020 per kW per on-peak hour of use

Non-Capacity Energy Charge:

~~\$0.05833~~0.08815 per kWh On-Peak (a)

~~\$0.03807~~0.05887 per kWh Off-peak (b)

The curtailable credit per kilowatt of curtailable demand for the billing period shall be determined by application of the following formula:

$$(A*B)*\frac{C}{D} \text{ where}$$

A = credit per kW of curtailable demand per on-peak hour-of-use

B = actual on-peak hours-of-use, determined by dividing the on-peak kWh for the billing period by the measured demand

C = 255 hours

D = on-peak hours in the billing period minus actual hours of capacity curtailment in the billing period

If the curtailable load is on isolated and separately metered circuits, it will be treated as a separate service to the customer.

Delivery Charge:

~~Facilities-Fixed~~ Charge: \$2.79452 per day per standard meter or service connection

Demand Charge: ~~\$5.5926~~3.33 per kW of customer maximum demand

Distribution Charge: ~~\$0.01221~~0.01382 per kWh On-peak (a)

~~\$0.01221~~0.01382 per kWh Off-peak (b)

Excess Meter Charge: \$0.13151 per day per standard meter in excess of one

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~D-7.00.

- (a) General Secondary on-peak energy usage is the energy in kilowatt-hours delivered between 9:00 a.m. and 9:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Years' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (b) General Secondary off-peak energy usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, the Excess Meter Charge, and the Customer Maximum Demand Charge. Auxiliary service shall be as provided in Paragraph 6, Conditions of Delivery, Sheet D-22.00.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

(Continued on Sheet No. D-18.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~1541

SMALL SECONDARY FULL REQUIREMENTS SERVICE TIME-OF-USE RATE Cg5

AVAILABILITY

Available, on a voluntary basis, for a period of one year or more, to customers contracting for secondary full requirements electric service for general commercial, industrial, governmental or farm purposes.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Delivery and Power Supply Charges:

~~Facilities-Fixed~~ Charge: per day per standard meter or service connection
\$0.49315 single-phase
\$0.96986 three-phase

Distribution and Power Supply Charges:

	<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>	
(a)	\$0.12278 <u>0.08011</u>	\$0.15282 <u>0.23973</u>	\$0.27560 <u>0.31984</u>	per kWh On-peak
			\$0.06887 <u>0.07993</u>	per kWh Off-peak (b)

Excess Meter Charge: \$0.03288 per day per standard meter in excess of one

Delivery and Power Supply Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~D-7.00.

- (a) Small secondary on-peak energy usage is the energy in kilowatt-hours delivered between 9:00 a.m. and 9:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Years' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (b) Small Secondary off-peak energy usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, and the Excess Meter Charge. Auxiliary service shall be as provided in Paragraph 6, Conditions of Delivery, Sheet D-22.00.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

See Sheet No. D-22.00.

(Continued on Sheet No. D-14.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

GENERAL SECONDARY SERVICE RATES Cg 1, Cg 3, Cg 3C and Cg 5

CONDITIONS OF DELIVERY

1. The Company will generally furnish single-phase, 60 hertz service at 120/240 volts. Three-phase or combination single-phase and three-phase service will be furnished in accordance with the Electric Service Rules and Regulations of the Company.
2. When lighting service is furnished through one meter and power service through another, the registrations of the two meters will be added for billing purposes if the meters are installed at the same location. Where separately metered service is furnished for emergency exit lighting, fire alarm system or fire pump purposes, the energy used will be accumulated and billed with the regular service provided that it is furnished from the service connection which supplies regular service. In such cases, the customer shall pay the fixed charge for each meter installed.
3. Service under this rate is for general use in commercial, industrial, and governmental establishments, including any group of three or more dwelling units which are served through one meter and comply with the Electric Service Rules and Regulations of the Company governing resale. When farming and commercial or industrial operations are combined, the applicable rate shall be determined by the predominant use of service.
4. At the request of a customer, service will be furnished under this rate at the available primary voltage by special arrangement under which the customer will agree to furnish, own and maintain at his expense all apparatus and material necessary for proper utilization of service at such voltage. In such cases the service will be metered at the supply voltage and kilowatt hours registered will be reduced 3% and the measured demand will be reduced 2-1/2% for billing purposes.
5. Temporary service is available under this rate upon the payment in advance of the Company's estimated cost of providing and installing all facilities required especially for such service, plus the estimated cost of removing such facilities, less the estimated salvage value of the property removed. In no case shall the net payment by the customer be less than \$25.00.
6. This rate applies when the Company furnishes the entire electric service requirements of a customer. The Company will, however, furnish auxiliary service hereunder to a customer who operates his power plant. If the power plant is so operated that all or any portion of the customer's load can be served either from the power plant or from the Company's system, the customer shall contract for a demand mutually agreed upon, but in no case less than 5 kW. The customer's demand shall be metered, and his net monthly bill for auxiliary service shall not be less than \$2.50 per kW of the highest measured demand in the twelve-month period ending with the current month, or the minimum demand specified in the contract, whichever is the greater.
7. Customers who wish to operate electric generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules Cgs Category 1, Cgs Category 2, Cgs Large, Cgs Biogas ~~and~~ CGS PV and Pg-2M, Pg-3M, Pg-4M and DG-1.
8. The Company shall not be required to provide service facilities except as specified in paragraph 6 for any customer which are substantially in excess of that required for the customer's regular use.
9. Energy furnished under this rate shall not be resold, except as provided in the Rules and Regulations of the Company.
10. Except as provided by contract entered into pursuant to paragraph 6 of these conditions, the Company shall not be required to provide service as standby for other types of energy or fuel.
11. A customer who regularly uses service for periods of less than one year may pay the monthly minimum charge during the months in which he does not require service or, upon his request, service will be disconnected and the customer will pay a disconnection and reconnection charge of \$25.00 if the Company's service facilities are not removed.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~ 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~ 21541

**GENERAL PRIMARY FULL REQUIREMENTS OR RETAIL ACCESS SERVICE
TIME-OF-USE RATE Cp1**

AVAILABILITY

To customers contracting for full requirements or retail access service - three-phase, 60 hertz power at approximately 2,400 volts or higher for periods of one year or more. Customers are required to remain on the selected on-peak period for at least one year.

RATES: (for service at primary voltages)	≤4,160 volts	>4,160 to <69,000 volts	≥69,000 volts
<u>Power Supply Charges:</u> These charges are applicable to Full Requirements service.			
Capacity Demand Charge: per kW of Measured On-peak Demand	\$16.610 <u>16.580</u>	\$16.295 <u>16.266</u>	\$15.971 <u>15.942</u>
Non-Capacity Energy Charge: per kWh			
On-peak (b)	\$0.05805 <u>0.08073</u>	\$0.05674 <u>0.07890</u>	\$0.05561 <u>0.07733</u>
Off-peak (c)	\$0.03789 <u>0.05269</u>	\$0.03703 <u>0.05150</u>	\$0.03630 <u>0.05048</u>
<u>Delivery Charges:</u> These charges are applicable to Full Requirements and Retail Access service.			
Facilities-Fixed Charge: per day	\$20.21918	\$20.21918	\$20.21918
Demand Charge: per kW of Customer Maximum Demand	\$4.313 <u>3.181</u>	\$4.231 <u>3.120</u> OR \$0.200 <u>150</u> (a)	\$0
Distribution Charge: per kWh			
On-peak (b)	\$0.01203 <u>0.00886</u>	\$ 0.00869 <u>0.01180</u> OR \$ 0.00091 <u>0.00124</u> (a)	\$0
Off-peak (c)	\$ 0.00886 <u>0.01203</u>	\$ 0.00869 <u>0.01180</u> OR \$ 0.00091 <u>0.00124</u> (a)	\$0
Power Factor Demand Charge: per kW of Power Factor Demand	\$18.204 <u>13.425</u>	\$17.907 <u>13.206</u>	\$12.184 <u>8.985</u>

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

For Determination of Demand, see Sheet No. D-25.00.

- (a) Charge for customer who takes service at 13,200 volts or greater, but less than 69,000 volts, directly from a company-owned substation transformer, and is served using no company-owned primary lines.
- (b) General primary on-peak usage is the energy in kilowatt-hours delivered during the on-peak period selected by the customer. The two on-peak periods available are: 8:00 a.m. to 8:00 p.m. and 10:00 a.m. to 10:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) General Primary off-peak usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, plus the charge for 300 kW of measured on-peak demand plus the charge for 300 kW of customer maximum demand.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

(Continued on Sheet No. D-24.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

GENERAL PRIMARY SERVICE TIME-OF-USE RATE Cp1
(Continued from Sheet No. D-16.00)

CONDITIONS OF DELIVERY

1. The Company will furnish three-phase, 60 hertz power service at a primary voltage as specified by the Company, but in no case less than approximately 2,400 volts, at one point on the premises of the customer nearest the lines of the Company. The supply voltage will depend upon the location of the customer and the size and characteristics of his load. At the option of the Company, a customer receiving service under this rate at more than one voltage on the same premises may be billed on a conjunctive basis if the customer was required to change voltage due to the limitations of the Company's distribution system. If the customer elects to serve additional load at a higher voltage and the Company has distribution facilities at the existing voltage adequate to serve the additional load, then the Company shall bill the customer separately at each voltage.
2. Service under this rate is primarily for customers who use it in manufacturing and industrial operations. Any customer receiving service under this rate who requires lighting regulation shall furnish, install, operate and maintain the necessary regulating equipment at his expense.
3. The customer shall, at his expense, install all apparatus and materials necessary for the proper utilization of the power furnished by the Company. All such apparatus shall conform to the Company's rules and regulations pertaining to primary substation installation, and shall at all times be kept suitable for operation by the power furnished.
4. If the customer's off-peak demand exceeds the on-peak demand, to the extent that the installation of additional facilities are required, then the customer shall pay for such additional facilities.
5. Customers who wish to operate electric generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules Cgs Category 1, Cgs Category 2, Cgs Large, Cgs Biogas ~~and~~ -CGS-PV-, Pg-2M, Pg-3M, Pg-4M and DG-1.
6. Should the customer, because of fire, strike, demonstrations, casualties, civil or military authority, insurrection or riot, the actions of the elements, or any other like causes beyond his control, be prevented from utilizing the power service contracted for, the Company will waive the monthly minimum demand charge for such period; provided, however, that the period of time of such suspension of use of power shall be added to the period of the contract; and further, provided that the customer notifies the Company in writing within six days of his inability to use said power service, specifying reasons therefore.
7. The Company shall use reasonable diligence in furnishing an uninterrupted and regular supply of power, but it shall not be liable for interruptions, deficiencies, or imperfections in electric service provided under these rates except to the extent of a prorated reduction of the demand charge provided for herein.
8. Service under this rate shall be furnished only in accordance with the Electric Service Rules and Regulations of the Company.
9. Except as provided by contract entered into pursuant to Paragraph 5 of these conditions, the Company shall not be required to provide service as standby for other types of energy or fuel.
10. Energy furnished under this rate shall not be resold, except as provided in the Electric Services Rules and Regulations of the Company.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

GENERAL PRIMARY FULL REQUIREMENTS SERVICE INTERRUPTIBLE RATE Cp2

AVAILABILITY

To customers contracting for three-phase 60 hertz full requirements power service at approximately 2,400 volts or higher for periods of five years with a minimum 15 minute integrated demand of 1,000 kilowatts of interruptible load. Customers are required to remain on the selected on-peak period for at least one year.

RATES: (for service at primary voltages)	≤4,160 volts	>4,160 to ≤69,000 volts	≥69,000 volts
Power Supply Charges:			
Capacity Demand Charge: per kW of Measured On-peak Demand	\$13.630 <u>\$13.605</u>	\$13.184 <u>\$13.405</u>	\$13.177 <u>\$13.201</u>
Non-Capacity Energy Charge: per kWh			
On-peak (b)	\$0.05805 <u>\$0.08073</u>	\$0.078900 <u>\$0.05674</u>	\$0.077330 <u>\$0.05561</u>
Off-peak (c)	\$0.052690 <u>\$0.03789</u>	\$0.051500 <u>\$0.03703</u>	\$0.050480 <u>\$0.03630</u>
Delivery Charges:			
Facilities-Fixed Charge: per day	\$20.21918	\$20.21918	\$20.21918
Customer may be exempt from this facilities charge if taking service at the same location on rate schedule Cp-1			
Demand Charge: per kW of Customer Maximum Demand	\$4.313 <u>\$3.181</u>	\$3.1204 <u>\$2.31</u> OR \$0	\$0.150 <u>\$0.200</u> (a)
Distribution Charge: per kWh			
On-peak (b)	\$0.008860 <u>\$0.01203</u>	\$0.008690 <u>\$0.01180</u> OR \$0	\$0.00091 <u>\$0.00124</u> (a)
Off-peak (c)	\$0.008860 <u>\$0.01203</u>	\$0.008690 <u>\$0.01180</u> OR \$0	\$0.00091 <u>\$0.00124</u> (a)
Power Factor Demand Charge: per kW of Power Factor Demand	\$13.425 <u>\$18.204</u>	\$13.206 <u>\$17.907</u>	\$8.985 <u>\$12.184</u>
Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to D-7.01 <u>D-7.00</u> .			

For Determination of Demand, see sheet No. D-25.00.

- Charge for customer who takes service at 13,200 volts or greater, but less than 69,000 volts, directly from a company-owned substation transformer, and is served using no company-owned primary lines.
- General primary on-peak usage is the energy in kilowatt-hours delivered during the on-peak period selected by the customer. The two on-peak periods available are: 8:00 a.m. to 8:00 p.m. and 10:00 a.m. to 10:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- General Primary off-peak usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

MINIMUM CHARGE

The monthly minimum charge shall be the applicable ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, plus the charge for 700 kilowatts of measured on-peak demand, plus the charge for 700 kW of customer maximum demand.

LATE PAYMENT CHARGE

A one and one half percent (1.5%) per month late payment charge will be applied to outstanding charges past due.

(Continued on Sheet No. D-28.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~ 1541

GENERAL PRIMARY FULL REQUIREMENTS SERVICE CURTAILABLE RATE Cp3

AVAILABILITY

To customers contracting for three-phase 60 hertz full requirements power service at approximately 2,400 volts or higher with a minimum of 500 kilowatts of curtailable load. If the curtailable load is on isolated and separately metered circuits, it will be treated as a separate service to the customer. Customers are required to remain on the selected on-peak period for at least one year.

RATES: (for service at primary voltages)	≤4,160 volts	>4,160 to <69,000 volts	≥69,000 volts
Power Supply Charges:			
Capacity Demand Charge: per kW of Measured On-peak Demand	\$16.61 <u>\$16.580</u>	\$16.266 <u>\$16.295</u>	\$15.942 <u>\$15.971</u>
Curtailable Demand Credit: per kW per on-peak hr of use	\$0.0199	\$0.0195	\$0.0191
Non-Capacity Energy Charge: per kWh			
On-peak (b)	\$0.0580 <u>\$0.08073</u>	\$0.07890 <u>\$0.05674</u>	\$0.07733 <u>\$0.05561</u>
Off-peak (c)	\$0.05269 <u>\$0.03789</u>	\$0.05150 <u>\$0.03703</u>	\$0.05048 <u>\$0.03630</u>

The curtailable credit per kilowatt of curtailable demand for the billing period shall be determined by application of the following formula:

$$(A * B) * \frac{C}{D} \quad \text{where}$$

- A = credit per kW of curtailable demand per on-peak hour of use
- B = actual on-peak hours-of-use, determined by dividing the on-peak kWh for the billing period by the sum of the measured on-peak demand and power factor demand.
- C = 255 hours
- D = on-peak hours in the billing period minus actual hours of curtailment in the billing period

Delivery Charges:

Facilities Fixed Charge: per day	\$20.21918	\$20.21918	\$20.21918
Demand Charge: per kW of Customer Maximum Demand	\$4.31 <u>\$3.181</u>	\$3.120 <u>\$2.231</u> OR \$0	\$0.150 <u>\$0.200</u> (a)
Distribution Charge: per kWh			
On-peak (b)	\$0.00886 <u>\$0.01203</u>	\$0.00869 <u>\$0.01180</u> OR \$0	\$0.00091 <u>\$0.00124</u> (a)
Off-peak (c)	\$0.00886 <u>\$0.01203</u>	\$0.00869 <u>\$0.01180</u> OR \$0	\$0.00091 <u>\$0.00124</u> (a)
Power Factor Demand Charge: per kW of Power Factor Demand	\$18.204 <u>\$13.425</u>	\$13.206 <u>\$7.907</u>	\$8.985 <u>\$2.184</u>

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

- (a) Charge for customer who takes service at 13,200 volts or greater, but less than 69,000 volts, directly from a company-owned substation transformer, and is served using no company-owned primary lines.
- (b) General Primary on-peak usage is the energy in kilowatt-hours delivered during the on-peak period selected by the customer. The two on-peak periods available are: 8:00 a.m. to 8:00 p.m. and 10:00 a.m. to 10:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) General Primary off-peak usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

(Continued on Sheet No. D-30.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~ 1541

GENERAL PRIMARY FULL REQUIREMENTS SERVICE CURTAILABLE RATE Cp3
(Continued from Sheet No. D-29.00)

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Facilities-Fixed~~ Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, plus the charge for 300 kilowatts of measured on-peak demand, plus the charge for 300 kW of customer maximum demand.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

LATE PAYMENT CHARGE

A one and one half percent (1.5%) per month Late Payment Charge will be applied to outstanding charges past due.

DETERMINATIONS OF DEMAND

Measured Demands:

- (a) Measured demand shall be the average rate at which energy is used for a period of 15 consecutive minutes as ascertained by a watt-hour meter and an associated electronic recorder or other standard measuring device.
- (b) Measured on-peak demand shall be the maximum measured demand established during on-peak hours within for the billing period. Unless specified to the contrary in writing by six months prior written notice to customer, provided the on-peak period does not exceed twelve hours per day, on-peak hours shall be either from 8:00 a.m. to 8:00-p.m. or from 10:00 a.m. to 10:00 p.m., as selected by the customer, prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) Measured off-peak demand shall be the maximum demand within the billing period which is established during off-peak hours for the billing period. Off-peak hours are those hours not designated as on-peak hours.

Customer Maximum Demand:

Customer maximum demand shall be the maximum measured demand which occurs during either the on or off-peak period, in the current or preceding 11 billing periods.

Power Factor Demand:

The distribution demand charges are based on a standard power factor of 85 percent. The customer's monthly Power Factor Demand is determined as follows:

- (a) For Power Factors at 85 %:
Power Factor Demand = 0
- (b) For Power Factors below 85%:
Power Factor Demand = [(Measured On-peak Demand) (.65) (0.85 - Peak Power Factor)]
- (c) For Power Factors above 85%:
Power Factor Demand = [(Measured On-peak Demand) (.50) (0.85 - Peak Power Factor)]

The peak power factor shall be calculated from the kilowatt-hours "A", as obtained from the watt-hour meter, and the use of lagging kilovolt-ampere reactive hours "B", as obtained from a ratcheted reactive component meter, which are used during the same 15 minute period in which the maximum measured demand occurs by the following formula:

$$\text{Peak Power factor} = A \text{ divided by square root of } (A^2 + B^2)$$

Contract Firm Demand

Customers served under this rate must enter into a contract that specifies a contract firm demand level. The customer may re-nominate a contract firm demand once during a calendar year subject to approval by the Company. The Company shall provide one hour notice of a curtailment; however, notification may be less than one hour during unmanageable capacity situations which require curtailment of loads to maintain system standards of operation. Upon notification by the Company of a capacity curtailment, the customer has one hour, or less, to curtail demand to their contract firm demand level and remain at or below their contract firm demand for the entire curtailment period. The customer shall not be required to curtail their demand for a curtailment period due to system energy economy reasons.

(Continued on Sheet No. D-31.00)

Issued ~~August 31, 2021~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~August 12, 2021~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~August 11, 2021~~
in Case No. U-~~210372~~ 1541

**GENERAL PRIMARY FULL REQUIREMENTS OR RETAIL ACCESS SERVICE MANDATORY STANDBY RATE
Cp4**

AVAILABILITY

To customers contracting for three-phase 60 hertz full requirements or retail access power service at approximately 2,400 volts or higher for periods of one year or more (see Conditions of Delivery No. 3) that have a generator that normally operates in parallel with the Company's system and serves load which will transfer from the customer's to the Company's system during planned and/or unplanned outages of the customer's generation. Standby service has limitations, more fully described in the Terms and Conditions section, when used in conjunction with curtailable or interruptible service at the same location.

RATES: (for service at primary voltages)

	≤4,160 volts	>4,160 to ≤69,000 volts	≥69,000 volts
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Power Supply Charges: These charges are applicable to Full Requirements service.

Capacity Demand Charge: per kW of Billed Demand

	\$16.61 <u>\$16.580</u>	\$16.266 <u>\$16.295</u>	\$15.942 <u>\$15.971</u>
Standby Demand Charge: per kW	\$1.748	\$1.715	\$1.680

Standby Energy: In addition to the charges below, Standby Energy will be billed at the system avoided cost of power plus 10% per kWh, less the appropriate on or off-peak energy charge per kWh (including the Power Supply Recovery Factor), but not less than zero.

Non-Capacity Energy Charge: per kWh

On-peak (b)	\$0.080730 <u>\$0.05805</u>	\$0.078900 <u>\$0.05674</u>	\$0.077330 <u>\$0.05561</u>
Off-peak (c)	\$0.052690 <u>\$0.03789</u>	\$0.051500 <u>\$0.03703</u>	\$0.050480 <u>\$0.03630</u>

Delivery Charges: These charges are applicable to Full Requirements and Retail Access service.

~~Facilities~~ **Fixed** Charge: per day

First metering point	\$20.21918	\$20.21918	\$20.21918
Per additional metering point	\$6.57534	\$6.57534	\$6.57534

Demand Charge: per kW of Maximum Total Demand

	\$3.1814 <u>\$3.13</u>	\$3.1204 <u>\$2.31</u> OR \$0	
		\$0.150 <u>\$0.200</u> (a)	

Distribution Charge: per kWh

On-peak (b)	\$0.008860 <u>\$0.01203</u>	\$0.008690 <u>\$0.01180</u> OR \$0	
		\$0.00091 <u>\$0.00124</u> (a)	
Off-peak (c)	\$0.01203 <u>\$0.00886</u>	\$0.008690 <u>\$0.01180</u> OR \$0	
		\$0.00091 <u>\$0.00124</u> (a)	

Power Factor Demand Charge: per kW of Peak Power Factor Demand

	\$13.425 <u>\$18.204</u>	\$13.206 <u>\$17.907</u>	\$8.985 <u>\$12.184</u>
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Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

- (a) Charge for customer who takes service at 13,200 volts or greater, but less than 69,000 volts, directly from a company-owned substation transformer, and is served using no company-owned primary lines.
- (b) Customers shall select one of two on-peak periods which shall be either from 8:00 a.m. to 8:00 p.m. or from 10:00 a.m. to 10:00 p.m., as selected by the customer, prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) The off-peak period shall be those hours not designated as on-peak.

The customer's selection will remain in effect for at least one year and may be changed, at the customer's request, once a year, thereafter.

(Continued on Sheet No. D-34.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

GENERAL PRIMARY FULL REQUIREMENTS OR RETAIL ACCESS SERVICE MANDATORY STANDBY RATE

Cp4

(Continued from Sheet No. D-33.00)

MINIMUM CHARGE

The monthly minimum charge shall be the applicable ~~Facilities~~ Fixed Charge plus the charge for 300 kW of billed demand, plus the charge for 300 kW of customer maximum demand, plus the charge for Stand-by demand applied to the demand levels as set forth in the customer's contract for service.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

RETAIL ACCESS OPTION

Customers who meet the availability requirements of the Cp4 rate schedule may contract for retail access service. Retail access customers shall pay the above applicable Delivery Charges, Minimum Charge, and Late Payment Charge. Additionally, retail access customers shall pay the Power Supply Capacity Demand Charge above, not subject to Power Supply surcharges and credits or to the monthly billed demand minimum, if their Alternative Electric Supplier has not secured generation capacity for the customer. Customers taking retail access service are also subject to the Terms and Conditions contained in the Retail Access Service tariff rate schedule RAS-1, Section E.

CONDITIONS OF DELIVERY

See Sheet No. D-27.01. In addition to the Conditions of Delivery noted, retail access service customers are also subject to the Terms and Conditions contained in the Retail Access Service tariff, Section E.

DEFINITIONS FOR DETERMINING BILLED QUANTITIES

The demand charges, set forth above, for billed demand, reserved demand, and unreserved energy, will apply to the demands as determined in accordance with the following definitions and terms.

Measured Demand shall be the average rate of energy flow for a period of 15 consecutive minutes as ascertained by a watt-hour meter and an associated electronic recorder or other standard measuring device.

Generator Supplied Demand *is* the Measured Demand for each 15-minute period from the metering on the customer's generating equipment for which the customer has contracted for standby service.

Company Supplied Demand *is* the sum of the Measured Demand for each 15-minute period of all the customer's interconnections with the Company at one site compensated for service voltage differences.

Total Demand *is* the sum of on peak Generator Supplied Demand and Company Supplied Demand for each 15-minute period.

Maximum Total Demand *is* the highest value of Total Demand occurring during the current or preceding 11 billing periods.

Maximum Total On-peak Demand *is* the highest value of Total Demand occurring during the on-peak period during the billing periods.

Reserved Demand *is* the amount of capacity contracted for replacement of the customer's generation during outages. Such Reserve Demand may be renominated by the customer once every 12 months upon two months written notice to the Company.

Standby Demand equals the Reserved Demand for the month and is the same for each 15-minute period.

(Continued on Sheet No. D-35.00)

Issued ~~April 25, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~November 30, 2017~~
in Case No. U-~~182532~~ 1541

GENERAL PRIMARY FULL REQUIREMENTS OR RETAIL ACCESS SERVICE SCHEDULE A

AVAILABILITY

To CMP Holdings LLC d/b/a Verso Papers LLC at their 138/13.8 kilovolt substation in Quinnesec, Michigan.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, three-phase at 138,000 volts.

RATE

Power Supply Charges: These charges are applicable to Full Requirements service.

Capacity Demand Charge: \$22.136 per kW of billed demand
Subject to a minimum monthly demand charge of 300 kW of billed demand.

Standby Demand Charge: \$0.919 per kW
Non-Capacity Energy Charge: \$0.04686 per kWh On-peak
\$0.03059 per kWh Off-peak

Additional Charge for Standby Energy:

In addition to the charges above, Standby Energy will be billed at the following rates:

\$0.03000 per kWh On-peak
\$0.02000 per kWh Off-peak

Curtailable Credit: per kW of Curtailable On-Peak Demand

Determined by application of the following formula where the credit per kW per on-peak hours of use equals
\$0.01910:

$$(A*B)*\frac{C}{D} \text{ where}$$

- A = credit per kW per on-peak hour of use
B = actual curtailable on-peak hours of use, determined by dividing the on-peak curtailable kWh for the billing period by the curtailable on-peak demand
C = 255 hours
D = on-peak hours in the billing period minus actual hours of curtailment in the billing period

Delivery Charges: These charges are applicable to Full Requirements and Retail Access service.

Demand Charge: \$0.196 per kW of Maximum Total demand
Subject to a minimum monthly demand charge of 300 kW of Maximum Total Demand.

Power Factor Demand Charge: \$12.184 per kW of Peak Power Factor Demand
Distribution Charge: \$0.00122 per kWh of on-peak and off-peak energy

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

For Determination of Demand, see Sheet No. D-36.00 – D-38.00

MINIMUM CHARGE

The monthly minimum charge shall be the Demand Charges, the Renewable Energy surcharge and the Energy Waste Reduction surcharge.

LATE PAYMENT CHARGE

A 1.5% per month Late Payment Charge will be applied to outstanding charges past due.

(Continued on Sheet No. D-37.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

**GENERAL PRIMARY FULL REQUIREMENTS AND RETAIL ACCESS SERVICE –
LARGE CURTAILABLE CONTRACT RATE CpLC**

AVAILABILITY

To customers contracting for three-phase 60 hertz full requirements power service at approximately 13.8 kilovolts or higher with a minimum of 50 megawatts of curtailable load. If the curtailable load is on isolated and separately metered circuits, it will be treated as a separate service to the Customer. Customers are required to remain on the selected on-peak period for at least one year.

<u>RATES</u> (for service at primary voltages)	13.8 kV	≥69
<u>Distribution Charges:</u>	<u>to <69 kV</u>	<u>kV</u>
Facilities <u>Fixed</u> Charge: per day	\$20.21918	\$20.21918
Demand Charge: Per kW of Customer Maximum Demand	\$4.231 OR \$0.187(a)	\$0.00
Delivery Charge: Per On- and Off-Peak kWh	\$0.01180 OR \$0.00029(a)	\$0.00
Power Factor Demand Charge: Per kW of Power Factor Demand	\$6.814	\$6.625
<u>Power Supply Charges:</u>		
Capacity Demand Charge: per kW of Measured On-peak Demand	\$18.565	\$18.170
Curtailement Demand Credit: Per kW of Maximum Measured On-Peak Customer Curtailable Demand	\$5.635	\$5.560
Non-Capacity Energy Charge: per kWh		
On-Peak (b)	\$0.04955	\$0.04850
Off-Peak (c)	\$0.03482	\$0.03408

- (a) Charge for Customer that takes service at 13,800 volts or greater, but less than 69,000 volts, directly from a Company-owned substation transformer, and is served using no Company-owned primary lines.
- (b) General Primary on-peak usage is the energy in kilowatt-hours delivered during the on-peak period selected by the Customer. The two on-peak periods available are: 8:00 a.m. to 8:00 p.m. and 10:00 a.m. to 10:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) General Primary off-peak usage is the energy in kilowatt-hours delivered during all hours other than on-peak hours.

For Determination of Demand, see Sheet Nos. D-40.00 – D-41.00.

Subject to Power Supply Cost Recovery Factor.

Power Supply and Distribution charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01D-~~
7.00.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~Fixed~~Facilities Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, plus the Demand Charge for Contract Demand. Contract Demand shall be no less than 50 megawatts.

LATE PAYMENT CHARGE

A 1.5% per month Late Payment Charge will be applied to outstanding charges past due.

(Continued on Sheet No. D-41.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

STANDARD STREET RATE Ms2 (Closed to New Customers)

AVAILABILITY

To municipalities and other government units contracting for standard high pressure sodium or metal halide lighting for illumination of public streets roadways and alleys by means of Company-owned street lighting facilities. *This option is closed to new customers effective January 1, 2025.*

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase at 120/240 volts.

RATE

Capacity Energy Charge per Lighting Unit all Lamp Sizes: ~~\$0.03005~~ \$0.02943 per all kWh

Non-Capacity Monthly Charge per Lighting Unit	<u>Lamp Size</u>	<u>Amount</u>
	50 watt	\$ 9.17794 Sodium
	70 watt	\$ 11.22968 Sodium
	100 watt	\$ 13.374454 Sodium
	150 watt	\$ 15.884370 Sodium
	175 watt	\$ 18.914632 Metal Halide
	200 watt	\$ 18.804622 Sodium
	250 watt	\$ 21.604864 Sodium
	250 watt	\$ 23.472025 Metal Halide
	400 watt	\$ 29.272526 Sodium
	400 watt	\$ 29.972586 Metal Halide

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.04~~ D-7.00.

MINIMUM CHARGE

The monthly minimum charge shall be the monthly charge per lighting unit and the Energy Waste Reduction Surcharge.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

1. The Company will furnish, install, own and operate a standard high pressure sodium or metal halide street lighting unit, and will supply all electrical energy and normal maintenance for the operation of the unit. The standard street lighting unit shall consist of a cobra head fixture on an arm mounted on an existing Company-owned wood pole, with a control device wired for operation. This rate requires use of existing Company-owned poles and available overhead 120 volt service where the Company has such facilities along streets, alleys and highways. Where additional primary and/or secondary facilities are required, the customer shall pay, in advance, material and installation cost of such additional facilities.
2. When necessary, the Customer shall grant or obtain permissions, easements, ordinance satisfaction, and/or permits to the Company to install / remove lighting facilities on public or private property without expense to the Company. The Customer is responsible for marking all privately owned underground facilities. If such facilities are not marked correctly and are subsequently damaged, the Customer is responsible for damages. All installations shall be in accordance with the construction standards of the Company and any other codes the Company determines to be applicable.
3. Underground service is available under this rate for new installations, where the customer pays the estimated cost of furnishing underground service.

(Continued on Sheet No. D-45.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

STANDARD STREET RATE Ms2 (Closed to New Customers)
(Continued from Sheet No. D-45.00)

CONDITIONS OF DELIVERY (Cont.)

14. Where the Company has secondary voltage in the area and it is not necessary to install a transformer or extend secondary lines more than one hundred and fifty feet, the Company will connect Customer-owned flasher signal lamps and bill on a flat monthly rate according to the following schedule:

<u>Per Flasher</u>	<u>Installed Capacity</u>		
<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>	
\$1.13 <u>1.40</u>	\$3.11 <u>2.76</u>	\$4.51 <u>3.89</u>	75 watts or less
\$2.14 <u>1.73</u>	\$4.79 <u>4.25</u>	\$6.93 <u>5.98</u>	Greater than 75 watts up to and including 150 watts

If the Company must install a transformer or extend lines more than one hundred and fifty feet or if the installed capacity exceeds 150 watts, the flasher signals will be billed on the general secondary rate applicable in the area served.

15. Customer shall indemnify and hold harmless the Company, from and against any and all liability for injuries or damages to persons or property arising or resulting from (a) any interruption or modification of service requested or caused by the Customer; or (b) any lighting, requested by Customer or third party, which does not conform to the Illuminating Engineering Society (IES) Recommended Practices.

Issued ~~September 4, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~August 28, 2018~~ **January 1, 2025**

Issued under authority of the
Michigan Public Service Commission
Dated ~~August 28, 2018~~
in Case No. U-~~184372~~ **1541**

NON-STANDARD STREET AND AREA LIGHTING, COMPANY-OWNED RATE Ms3 (Closed to New Customers)
AVAILABILITY

To all customers contracting for nonstandard lighting service by means of Company-owned and maintained non-standard street lighting and related facilities. The availability of Option B – facilities charge is limited to customers who have paid, in full, the estimated installed cost of lighting and related facilities. **This option is closed to new customers effective January 1, 2025.**

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase at 120/240 volts.

RATE

Facilities-Fixed Charge:

- Option A: Monthly ~~facilities~~ fixed charge of one point nine percent (1.9%) of the estimated installed cost of the lighting and related facilities.
- Option B: One time charge equal to the estimated installed cost of the lighting and related facilities, paid prior to installation of facilities, and monthly ~~fixed~~ facilities charge of one-half of one percent (0.5%) of the estimated installed cost of the lighting and related facilities.

Monthly Charge Options A and B:

Capacity Energy Charge per Lighting Unit all Lamp Sizes: ~~\$0.03005~~ \$0.02943 per all kWhs

Non-Capacity Monthly Charge per Non-Standard Lighting Unit:

<u>Lamp Size</u>	<u>Amount</u>
50 watt	\$ 3.062 <u>18</u>
70 watt	\$ 4.483 <u>20</u>
100 watt	\$ 6.954 <u>96</u>
150 watt	\$ 9.857 <u>03</u>
175 watt	\$ 11.167 <u>96</u>
200 watt	\$ 13.059 <u>31</u>
250 watt	\$ 16.231 <u>58</u>
400 watt	\$ 25.071 <u>7.89</u>
1000 watt	\$ 58.404 <u>1.67</u>

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

MINIMUM CHARGE

The monthly minimum charge shall be the monthly charge per lighting unit and the Energy Waste Reduction Surcharge.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

1. The Company will furnish, install, own and operate a complete nonstandard lighting unit and will supply all electric energy and normal maintenance for the operation of the unit. A lighting unit may consist of a pole and/or luminaire with a bracket, lamp and control device wired for operation. The unit may be fed overhead or underground. Where additional primary and/or secondary facilities are required, the Customer shall pay the full cost of installation.
2. When necessary, the Customer shall grant or obtain permissions, easements, ordinance satisfaction, and/or permits to the Company to install / remove lighting facilities on public or private property without expense to the Company. The Customer is responsible for marking all privately owned underground facilities. If such facilities are not marked correctly and are subsequently damaged, the Customer is responsible for damages. All installations shall be in accordance with the construction standards of the Company and any other codes the Company determines to be applicable.

(Continued on Sheet No. D-47.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~ 1541

STANDARD AREA LIGHTING SERVICE RATE GL1 (Closed to New Customers)

AVAILABILITY

To all classes of customers contracting for standard area lighting service whenever service can be provided from existing 120-volt, Company-owned facilities. Rate is not available for lighting public streets, alleys, or highways. The Company will no longer install new or additional poles under this rate. Installations which require new poles shall be served under the Ms-3 rate. **This option is closed to new customers effective January 1, 2025.**

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase at 120 volts.

RATE

Capacity Energy Charge per Lighting Unit all Lamp Sizes: ~~\$0.0300~~ **\$0.02943** per all kWh

Non-Capacity Monthly Charge per Lighting Unit:

<u>Lamp Size</u>	<u>Sodium</u>		<u>Metal Halide</u>	
	<u>Standard</u>	<u>Flood</u>	<u>Flood</u>	<u>Standard</u>
50 watt	*	*	*	*
70 watt	\$9.59 <u>10.97</u>	*	*	*
100 watt	\$13.07 <u>14.43</u>	\$15.17 <u>13.26</u>	*	*
150 watt	\$15.52 <u>13.57</u>	*	*	*
175 watt	*	*	*	\$18.49 <u>16.17</u>
200 watt	\$18.38 <u>16.07</u>	\$20.33 <u>17.78</u>	*	*
250 watt	\$21.12 <u>18.47</u>	*	\$23.87 <u>20.87</u>	\$22.95 <u>20.07</u>
400 watt	\$28.63 <u>25.03</u>	\$30.27 <u>26.47</u>	\$30.98 <u>27.09</u>	\$29.30 <u>25.62</u>
*Not available				

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ **D-7.00**.

MINIMUM CHARGE

The monthly minimum charge shall be the monthly charge per lighting unit and the Energy Waste Reduction Surcharge.

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

1. The Company will furnish, install, own and operate a standard high pressure sodium or metal halide area or flood lighting unit and will supply all electric energy and normal maintenance for the operation of the unit. The standard lighting unit will consist of an open bottom or cobra head area light fixture on a 2 to 6 foot arm or directional floodlight on a 2 foot arm, mounted on an existing Company-owned wood pole, with a control device wired for operation. This rate requires use of existing Company-owned wood poles and available overhead 120 volt service. Where additional primary and/or secondary facilities are required, the Customer shall pay the full cost of installation.
2. New poles required solely for the attachment of lighting fixtures are not available under this rate. Poles and circuit being provided by the Company prior to 9-16-02 will continue to be provided for monthly charge of ~~\$2.952~~ **2.58** for each pole and ~~\$2.902~~ **2.54** for each span of circuit installed.
3. When necessary, the Customer shall grant or obtain permissions, easements, ordinance satisfaction, and/or permits to the Company to install / remove lighting facilities on public or private property without expense to the Company. The Customer is responsible for marking all privately owned underground facilities. If such facilities are not marked correctly and are subsequently damaged, the Customer is responsible for damages. All installations shall be in accordance with the construction standards of the Company and any other codes the Company determines to be applicable.

(Continued on Sheet No. D-49.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ **January 1, 2025**

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

LED STREET LIGHTING SERVICE RATE LED1

AVAILABILITY

To all customers contracting for Standard or Non-Standard Light Emitting Diode (LED) street or area lighting service by means of existing 120 volt Company-owned and maintained Standard or Non-Standard lighting facilities. Contracting for the illumination of public roadways is limited to municipalities or other governmental units.

RATE

Each light fixture requires payment of a one-time Installation Charge, plus monthly Facilities, Source and Energy Charges which continue until facilities are permanently removed:

Installation and Facilities Charge – Standard Lighting Fixture:

Light Fixture Class*	Installed Cost Per Light Fixture Range		Installation Charge (per Light Fixture)	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
	From	To		During Initial Term**	After Initial Term**	
A	\$1	\$249	\$100	\$9.26 <u>\$9.96</u>	\$3.92 <u>\$3.65</u>	<u>\$5.61</u>
B	\$250	\$349	\$125	\$11.39 <u>\$10.59</u>	\$4.54 <u>\$4.22</u>	<u>\$6.37</u>
C	\$350	\$449	\$150	\$13.07 <u>\$12.15</u>	\$5.24 <u>\$4.87</u>	<u>\$7.28</u>
D	\$450	\$549	\$175	\$14.73 <u>\$13.70</u>	\$5.94 <u>\$5.52</u>	<u>\$8.19</u>
E	\$550	\$649	\$200	\$16.41 <u>\$15.26</u>	\$6.63 <u>\$6.17</u>	<u>\$9.10</u>
F	\$650	\$749	\$225	\$18.09 <u>\$16.82</u>	\$7.33 <u>\$6.82</u>	<u>\$10.00</u>
G	\$750	\$849	\$250	\$19.76 <u>\$18.38</u>	\$8.03 <u>\$7.47</u>	<u>\$10.91</u>
H	\$850	\$949	\$275	\$21.44 <u>\$19.94</u>	\$8.73 <u>\$8.12</u>	<u>\$11.82</u>
I	\$950	\$1,049	\$300	\$23.11 <u>\$21.49</u>	\$9.43 <u>\$8.77</u>	<u>\$12.73</u>

Installation and Facilities Charge – Non-Standard Lighting Fixture (closed to new installations):

Light Fixture Class*	Installed Cost Per Light Fixture Range		Installation Charge	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
	From	To		During Initial Term**	After Initial Term**	
A	\$1	\$249	***	\$6.67 <u>\$6.20</u>	\$3.89 <u>\$3.62</u>	<u>\$2.58</u>
B	\$250	\$349	***	\$7.28 <u>\$6.77</u>	\$4.51 <u>\$4.19</u>	<u>\$2.58</u>
C	\$350	\$449	***	\$7.98 <u>\$7.42</u>	\$5.20 <u>\$4.84</u>	<u>\$2.58</u>
D	\$450	\$549	***	\$8.68 <u>\$8.07</u>	\$5.90 <u>\$5.49</u>	<u>\$2.58</u>
E	\$550	\$649	***	\$9.38 <u>\$8.72</u>	\$6.60 <u>\$6.14</u>	<u>\$2.58</u>
F	\$650	\$749	***	\$10.08 <u>\$9.37</u>	\$7.30 <u>\$6.79</u>	<u>\$2.58</u>
G	\$750	\$849	***	\$10.77 <u>\$10.02</u>	\$8.00 <u>\$7.44</u>	<u>\$2.58</u>
H	\$850	\$949	***	\$11.47 <u>\$10.67</u>	\$8.70 <u>\$8.09</u>	<u>\$2.58</u>
I	\$950	\$1,049	***	\$12.17 <u>\$11.32</u>	\$9.40 <u>\$8.74</u>	<u>\$2.58</u>
J	\$1,050	\$1,149	***	\$12.87 <u>\$11.97</u>	\$10.10 <u>\$9.39</u>	<u>\$2.58</u>
K	\$1,150	\$1,249	***	\$13.57 <u>\$12.62</u>	\$10.80 <u>\$10.04</u>	<u>\$2.58</u>
L	\$1,250	\$1,349	***	\$14.27 <u>\$13.27</u>	\$11.50 <u>\$10.69</u>	<u>\$2.58</u>
M	\$1,350	\$1,449	***	\$14.97 <u>\$13.92</u>	\$12.19 <u>\$11.34</u>	<u>\$2.58</u>
N	\$1,450	\$1,549	***	\$15.67 <u>\$14.57</u>	\$12.89 <u>\$11.99</u>	<u>\$2.58</u>
O	\$1,550	\$1,649	***	\$16.37 <u>\$15.22</u>	\$13.59 <u>\$12.64</u>	<u>\$2.58</u>
P	\$1,650	\$1,749	***	\$17.07 <u>\$15.87</u>	\$14.29 <u>\$13.29</u>	<u>\$2.58</u>
Q	\$1,750	\$1,849	***	\$17.76 <u>\$16.52</u>	\$14.99 <u>\$13.94</u>	<u>\$2.58</u>

(Continued on Sheet No. D-51.00)

Issued ~~September 4, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~August 28, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~August 28, 2018~~
in Case No. U-~~18437~~21541

LED STREET LIGHTING SERVICE RATE LED1
(Continued from Sheet No. D-50.00)

Installation and Facilities Charge – Non-Standard Lighting Fixture (cont.):

Light Fixture Class*	Installed Cost Per Light Fixture Range		Installation Charge	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
	From	To		During Initial Term**	After Initial Term**	
R	\$1,850	\$1,949	***	\$17.17 \$18.46	\$15.69 \$14.59	\$2.58
S	\$1,950	\$2,049	***	\$19.16 \$17.82	\$16.39 \$15.24	\$2.58
T	\$2,050	\$2,149	***	\$19.86 \$18.47	\$17.09 \$15.89	\$2.58

*Not all fixture classes may be available.

**Initial Term under this rate is 84 billed months.

***Prior to installation of facilities, the customer shall pay the total estimated installed cost of all Non-Standard lighting related facilities.

Energy Charge (per month, per light fixture):

The Company uses the kWh usage brackets below to determine the appropriate per light fixture monthly charge. To determine the kWh usage bracket for each light fixture, the Company will multiply 103% of the rated input wattage of the original light fixture and related accessory equipment by the estimated average monthly burn hours and round to the nearest whole number.

Monthly		Monthly		Monthly	
kWh	Charge	kWh	Charge	kWh	Charge
0-3	\$0.48 \$0.50	40-42	\$6.93 \$6.77	79-81	\$13.37 \$13.05
4-6	\$0.99 \$0.97	43-45	\$7.43 \$7.25	82-84	\$13.87 \$13.53
7-9	\$1.49 \$1.45	46-48	\$7.92 \$7.73	85-87	\$14.36 \$14.01
10-12	\$1.98 \$1.93	49-51	\$8.42 \$8.22	88-90	\$14.86 \$14.50
13-15	\$2.48 \$2.42	52-54	\$8.91 \$8.70	91-93	\$15.35 \$14.98
16-18	\$2.97 \$2.90	55-57	\$9.41 \$9.18	94-96	\$15.85 \$15.46
19-21	\$3.47 \$3.38	58-60	\$9.90 \$9.67	97-99	\$16.34 \$15.95
22-24	\$3.96 \$3.87	61-63	\$10.40 \$10.15	100-102	\$16.84 \$16.43
25-27	\$4.46 \$4.35	64-66	\$10.89 \$10.63	103-105	\$17.33 \$16.91
28-30	\$4.95 \$4.83	67-69	\$11.39 \$11.12	106-108	\$17.83 \$17.40
31-33	\$5.45 \$5.32	70-72	\$11.89 \$11.60	109-111	\$18.32 \$17.88
34-36	\$5.94 \$5.80	73-75	\$12.38 \$12.08	112-114	\$18.82 \$18.36
37-39	\$6.44 \$6.28	76-78	\$12.88 \$12.57	115-117	\$19.31 \$18.85

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~D-7.00.

To determine the total kWh usage subject to the PSRC, Energy Waste Reduction Surcharge, and the Tax Cuts and Jobs Act of 2017 Credit each month, the Company will add together the maximum kWhs of each light fixture's associated usage bracket. The maximum kWhs for each bracket are shown in the Energy Charge section above. The monthly energy charge is calculated by multiplying the range maximum by the Cg1 distribution and power supply total energy charge.

Source Charge, LED: \$1.00 per month, per light fixture

LATE PAYMENT CHARGE

A 1.5% per month late payment charge will be applied to outstanding charges past due.

(Continued on Sheet No. D-51.01)

Issued ~~September 4, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~August 28, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~August 28, 2018~~
in Case No. U-~~484372~~1541

LED STREET LIGHTING SERVICE RATE LED1
(Continued from Sheet No. D-51.00)

CONDITIONS OF DELIVERY

1. Upon completion of a signed Agreement and payment of the Installation Charge, or at customer's option, payment of the installation and removal costs pursuant to Condition of Delivery No. 16, the Company shall furnish, install, own and operate a complete LED lighting unit and will supply all electric energy and normal maintenance, as defined below, for the operation of the unit. A Standard LED lighting unit shall include an LED-source luminaire on a 2 to 6 foot arm, mounted on an existing Company-owned wood pole, with a control device wired for operation. A Non-Standard LED lighting unit may include a lighting-only pole, LED luminaire, mounting bracket, and control device wired for operation. Light Fixture Class is designated on the installation Agreement, and does not change. Where additional primary, secondary, and/or lighting facilities are required or requested for the lighting unit, the customer shall pay the full cost of installation.

2. ~~New poles required solely for Standard lighting are not available under this rate. Area lighting poles and circuit being provided by the Company prior to September 16, 2002, will continue to be provided for a monthly facilities charge of \$2.58 for each pole and \$2.54 for each span of circuit installed. Any and all pole, span and/or non-standard facility charges initiated under rate G11 or Ls-1M shall continue until the facility is removed.~~

<i>Facility</i>	<i>G11</i>	<i>Ls-1M</i>
<i>Additional Wood Pole</i>	<i>\$2.95</i>	<i>\$3.61 / pole</i>
<i>Span of Conductor</i>	<i>\$2.90</i>	<i>\$1.68 / span</i>
<i>Galvanized Mast Arm in excess of 6 feet</i>	<i>NA</i>	<i>\$0.16 / foot</i>

3. Upon customer request and completion of a signed Agreement, the Company will replace or convert an existing Standard High Intensity Discharge (HID) fixture with a Company-approved LED unit. The customer shall pay removal charges for the existing fixture, if required under the current Agreement, and the appropriate Installation Charge for the LED fixture in advance. The customer may, at their option, choose to pay for replacement or conversion in accordance with Condition of Delivery No. 16. If replacement is performed in conjunction with other unrelated lighting service at that pole (e.g. lamp or fixture replacement), the Installation Charge may be reduced at the discretion of the Company. The new LED unit shall be considered a new installation and subject to the Conditions and Rates of this tariff.

- ~~4. Upon customer request and completion of a signed Agreement, the Company will replace or convert an existing Non-Standard HID fixture with a Company-approved LED unit. The customer shall pay the full cost of replacement or conversion prior to installation. The customer may, at their option, choose to pay for replacement or conversion in accordance with Condition of Delivery No. 16. If replacement is performed in conjunction with other unrelated lighting service at that pole (e.g. lamp or fixture replacement), the cost of replacement may be reduced at the discretion of the Company. The entire LED lighting unit shall become subject to the Conditions and Rates of this tariff, though non-replaced components shall retain their original in-service date for warranty purposes.~~

- ~~54.~~ The Initial Term of the Agreement for lights under this rate is 84 billed months, with billing effective as of service connection. After the Initial Term is satisfied, the Agreement shall continue in force until terminated upon thirty (30) days prior written notice given by either of the parties to the other. The Company may remove any and/or all lighting facilities upon termination.

- ~~65.~~ The Company will initiate a first response to maintain lighting units within 72 hours of notification by the customer. Conditions may require repeat visits to complete repairs. No credit will be allowed for periods during which luminaires are out of service, and no adjustments will be made to monthly charges as a result of component or unit replacement.

- ~~76.~~ Normal maintenance for lighting fixtures including failure analysis, repair and replacement shall be performed by the Company until the facilities are removed. Non-Standard poles and secondary facilities are warranted for 15 years from installation, after which replacement or customer requested repainting or refinishing is at the discretion of the Company and may be at customer expense. Replacement equipment shall have reasonably equivalent performance and appearance to original equipment, as determined by the Company.

(Continued on Sheet No. D-51.02)

Issued ~~October 7, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~October 5, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~October 5, 2022~~
in Case No. U-~~212902~~ 1541

LED STREET LIGHTING SERVICE RATE LED1
(Continued from Sheet No. D-51.01)

CONDITIONS OF DELIVERY (cont.)

- ~~87.~~ In the event of abnormal or excessive maintenance due to frequent vandalism or other external or natural causes not related to the quality of material or workmanship, the customer shall reimburse the Company for all associated costs. The Company shall only be responsible for tree trimming within those work zones which are restricted to qualified utility workers.
- ~~98.~~ Unless alternate controls are negotiated, luminaires will automatically be switched on approximately 30 minutes after sunset and off 30 minutes before sunrise, providing dusk-to-dawn operation approximately 4,200 hours per year, or an estimated average of 350 hours per month. Temporary or seasonal service is not available under this rate. Monthly charges shall continue until the unit is permanently disconnected by the Company.
- ~~109.~~ The Company will, at customer's expense, modify, replace, relocate, change the position, or temporarily remove and reinstall any properly operating Company-owned poles or light fixtures contracted for under this rate as requested in writing by the customer or as required by a governing authority. After satisfaction of the Initial Term and execution of a new Agreement the Company may, at the Company's expense, modify, replace, relocate or change the position of a Standard light fixture contracted for under this rate.
- ~~110.~~ If the customer, or a governing authority, terminates service or requests the permanent removal of any Company-owned LED lighting facilities prior to satisfaction of the Initial Term, the customer shall reimburse the Company in an amount equal to the Early Removal Multiplier x the remaining months to satisfy the Initial Term. The Company may elect to forego these charges in the case of a pending transfer of monthly charges to a successor account. Permanent removal of lighting facilities after the Initial Term shall be at no cost to the customer.
- ~~111.~~ When necessary, the customer shall grant or obtain permissions, easements, ordinance satisfaction, and/or permits to the Company to install/remove lighting facilities on public or private property without expense to the Company. The customer is responsible for marking all privately owned underground facilities. If such facilities are not marked correctly and are subsequently damaged, the customer is responsible for damages. All installations shall be in accordance with Company construction standards and any other codes the Company determines to be applicable.
- ~~112.~~ Subject to Company approval, the Company may allow municipal customers to make attachments of temporary holiday lighting and/or decorations on Company-owned light poles. The customer must execute an annual agreement for such attachments and must meet all conditions thereof. Estimated energy consumption will be billed under the current Cg1 energy rate. Time and material charges for installation, removal, transfer or associated maintenance may also apply.
- ~~113.~~ Energy furnished under this rate shall not be used for purposes other than those specified hereunder and shall not be resold.
- ~~114.~~ Customer shall indemnify and hold harmless the Company, from and against any and all liability for injuries or damages to persons or property arising or resulting from (a) any interruption or modification of service requested or caused by the customer, third party or act of God; or (b) any lighting design support provided by the Company including, but not limited to, the Customer's reliance on or implementation of any recommendations or conclusions by the Company related to lighting design.

15. Upon customer request and completion of a signed Agreement, the customer may opt to pay the entire cost of installation and removal, including all associated applicable costs, as calculated by the Company, on a case-by-case basis, prior to installation. Upon payment in full of these costs for all light fixtures, the Initial Term will be considered satisfied. Billing will be effective as of the date of service connection which will not occur prior to full payment.

(Continued on Sheet No. D-51.03)

Issued ~~October 7, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~October 5, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~October 5, 2022~~
in Case No. U-~~212902~~ 1541

~~LED STREET LIGHTING SERVICE RATE LED1~~
~~(Continued from Sheet No. D-51.02)~~

Reserved for Future Use

~~CONDITIONS OF DELIVERY (cont.)~~

- ~~16. Upon customer request and completion of a signed Agreement, the customer may opt to pay the entire cost of installation and removal, including all associated applicable costs, as calculated by the Company, on a case-by-case basis, prior to installation. Upon payment in full of these costs for all light fixtures, the Initial Term will be considered satisfied. Billing will be effective as of the date of service connection which will not occur prior to full payment.~~

Issued ~~October 7, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~October 5, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~October 5, 2022~~
in Case No. U-~~212902~~ 1541

CUSTOMER GENERATING SYSTEMS – NET METERING PROGRAM
20kW OR LESS RATE - CGS Category 1

AVAILABILITY

This tariff is available only to customers participating in this tariff prior to December 31, 2024. A customer is “participating” if UMEREC has received the application for service under this tariff prior to December 31, 2024. A customer who has an application filed with the utility before December 31, 2024 will be allowed to participate in this tariff if the application is found deficient, provided the customer cures the deficiency within 60 days.

The Company’s Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company’s peak load for the preceding calendar year allocated to include no more than 0.5% for customers generating 20kW or less. Upon enrolling in the Net Metering Program, customers shall be eligible to continue participation for a minimum period of ten years. A participating customer may terminate participation in the Company’s Net Metering Program at any time for any reason.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 Hertz, single-phase or three-phase at any Company standard voltage available at the customer-owned generating system site.

CUSTOMER ELIGIBILITY

To be eligible to participate in the Net Metering Program, customers must generate a portion or all of their own retail electricity requirements using a renewable energy resource. 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:

- | | |
|---|--|
| a. Biomass | e. Geothermal energy |
| b. Solar and solar thermal energy | f. Municipal solid waste |
| c. Wind energy | g. Landfill gas produced by municipal solid waste. |
| d. Kinetic energy of moving water, including the following: | |
| i. Waves, tides or currents | |
| ii. Water released through a dam | |

Eligible customers must be Full Requirements Service customers under either Residential, General Secondary or General Primary services. A customer using biomass blended with fossil fuel as a renewable energy source must submit proof to the Company substantiating the percentage of the 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.

The generation equipment must be located on the customer’s premises, serving only the customer’s premises and must be intended primarily to offset a portion or all of the customer’s requirements for electricity. At the customer’s option, the generation capacity shall be determined by one of the following methods:

- (i) Aggregate nameplate capacity of the generator(s).
- (ii) An estimate of the expected annual kWh output of the generator(s).

Customers shall not be allowed to switch their generation back and forth between two or more rate schedules to circumvent the intent of rate design. 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 12 month period; (2) for a customer with metered demand data available, the maximum integrated hourly demand measured in kW during the previous 12 month period; or (3) in cases where no data, incomplete data, or incorrect data for the customer’s past annual energy usage is available, or where the customer is making changes on-site that will affect the customer’s future total annual energy usage, the Company and the customer shall mutually agree on a method to determine the customer’s future annual energy usage.

(Continued on Sheet No. D-54.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~180612~~1541

CUSTOMER GENERATING SYSTEMS – NET METERING PROGRAM
20kW OR LESS RATE - CGS Category 1
(Continued from Sheet No. D-53.00)

CUSTOMER ELIGIBILITY (Cont.)

The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules (R 460.601a-460.656) and the Company's Michigan Electric Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. Customers shall be provided a copy of the Company's Generator Interconnection Application and Net Metering Application and shall be required to complete both applications and submit them with all applicable application fees for review and approval prior to interconnection of their generators to the Company's facilities. The Company's interconnection application fee is \$75 and net metering application fee is \$25. All requirements of the MPSC's Electric Interconnection and Net Metering Standards and the Company's Net Metering Program must be met prior to commencing Net Metering service.

A customer who is enrolled in the Net Metering Program will continue to take electric service under the Company's applicable service tariff.

Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.

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 cost. Only the incremental cost above that for meter(s) provided by the Company to similarly situated non-generating customers shall be paid by the eligible customer. A generator meter will be supplied to the customer, at the customer's request, at cost.

RATE

Monthly Charges:

Customers enrolled in the Net Metering Program with a system capable of generating 20 kW or less qualify for true net metering billings or credits under the program. The customer shall pay the Distribution Charges and Power Supply Charges associated with the standard service tariff applicable to the customer when the customer's monthly net usage results in a net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer shall be credited for the energy provided to the Company at full retail rate from the applicable service tariff.

Standby charges shall not be applied to customers with systems capable of generating 20 kW or less.

For customers who qualify for true net metering under the Net Metering Program, the credit for any excess generation, as determined by each month's meter reading, shall be credited against the following month's bill. Any credit carried forward to the following month that is not used up that month shall be carried forward for use in subsequent billing periods. If a customer terminates service with the Company while having a net metering credit amount on the customer's account, the Company shall refund the remaining credit amount to the customer following a final reading by the Company of the customer's net meter.

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~D-7.00.

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

**CUSTOMER GENERATING SYSTEMS – MODIFIED NET METERING PROGRAM
OVER 20kW-150kW – RATE CGS Category 2**

AVAILABILITY

This tariff is available only to customers participating in this tariff prior to December 31, 2024. A customer is “participating” if UMEREC has received the application for service under this tariff prior to December 31, 2024. A customer who has an application filed with the utility before December 31, 2024 will be allowed to participate in this tariff if the application is found deficient, provided the customer cures the deficiency within 60 days.

Available to retail customers taking full requirements service with renewable electric generation facilities that are interconnected with the Company's power supply and rated at greater than 20 kW and not more than 150 kW, where customer's delivery offsets retail electric power supply at the same site. If a customer has more than one electric generator, the generator's rating(s) shall be summed and the sum may not exceed 150 kW.

The Company's Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company's previous year's peak demand measured in kW for the Company's retail load, allocated to include no more than 0.25% for customers generating at greater than 20 kW and not more than 150 kW.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 Hertz, single-phase (with Company approval) or three-phase at any Company standard voltage available at the customer-owned generating system site.

RATE

Distribution Charges:

A customer enrolled in the Modified Net Metering Program shall pay the Distribution Charges at the Company's standard service tariff applicable to the customer for the customer's total consumption of energy from the Company.

Power Supply Charges:

A customer enrolled in the Modified Net Metering Program shall pay the Power Supply Charges associated with the Company's standard service tariff applicable to the customer.

Energy Charges:

Charges that are related to a \$/kWh charge will be charged when the customer's net usage results in a monthly net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer's \$/kWh charges shall be credited based on the Excess Generation rate below.

Demand Charges:

The customer shall pay the demand charge associated with the Company's standard service tariff applicable to the customer for the customer's total consumption of energy from the Company.

Excess Generation:

Excess generation shall be credited at the customer's applicable standard tariff's power supply service energy charges (\$/kWh). The credit shall appear on the customer's next bill. Any credit not used to offset current charges shall be carried forward for use in subsequent billing periods.

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

The Company may determine the customer's usage using the customer's existing meter if it has 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 measuring power flow in both directions, 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 cost. Only the incremental cost above that for meter(s) provided by the Company to similarly situated non-generating customers shall be paid by the eligible customer. Generator meters will be provided by the Company. The cost of the generator meter shall be considered a cost of operating the Net Metering Program.

(Continued on Sheet No. D-56.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

**CUSTOMER GENERATING SYSTEMS – MODIFIED NET METERING PROGRAM
OVER 20kW-150kW – RATE CGS Category 2
(Continued from Sheet No. D-56.00)**

CONDITIONS OF PURCHASE (Cont.)

7. The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual kWh output of the generating unit when completing the Company's Net Metering Application.
8. The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules ([R 460.601a-460.656](#)) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service.
9. *Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.*

Issued ~~January 17, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~October 31, 2017~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~October 9, 2007~~
in Case No. U-~~1515221541~~

CUSTOMER GENERATING SYSTEMS OVER 150 kW RATE CGS Large

AVAILABILITY

To customers owning generating systems, with an aggregate rating in excess of 150 kW, who desire to sell electric energy to the Company. For the purposes of this schedule, “customer” is defined as the person or corporate entity who desires to sell electric energy to the Company. Customers are not required to take electric service deliveries from the Company. This rate schedule is closed to new accounts and to new customers. The Company may deny availability of this rate if the Company finds that the customer causes fluctuations on the distribution system so as to impair general reliability of service.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 Hertz, single-phase (with Company approval) or three-phase at any Company standard voltage available at the customer-owned generating system site.

RATE

~~Facilities~~ Fixed Charge:

Non-demand metered customers \$0.04110 per day
Demand metered customers \$0.11507 per day

Payment per kWh	Less than 601 Volts	601 Volts to <69kV	69kV and above
During on-peak period (a)	\$0.04220	\$0.04392	\$0.04447
During off-peak period (b)	\$0.02754	\$0.02866	\$0.02902

- (a) The on-peak period payment will apply to those kWhs delivered to the Company during the time period specified in the customer’s time-of-use rate schedule that corresponds to the customer’s class of service applicable when the customer buys from the Company.

The on-peaks periods occur Monday through Friday, excluding those days designated as legal holidays for New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

- (b) The off-peak period payment will apply to those kWhs delivered to the Company during all hours other than on-peak hours.

Customers not served on a time-of-use rate schedule or not purchasing energy from the Company will be assigned a peak period of 9am to 9pm.

MINIMUM CHARGE: The monthly minimum charge is the ~~facilities~~ fixed charge.

CONDITIONS OF PURCHASE

1. A customer operating electric generating equipment shall not connect it in parallel with the Company’s electric system unless the customer has entered into a standard Distributed Generation Interconnection Agreement with the Company and the customer has provided, at customer’s expense, protective and synchronizing equipment satisfactory to the Company.
2. The customer must comply with the various applicable national, state and local electrical codes, rules and regulations; the electric service rules and regulations of the Company; and the requirements of the Michigan Public Service Commission Electric Interconnection Standards R 460.481 through R 460.489. The Company may request proof of such compliance prior to initiation of service. Proof of such compliance consists of a municipal inspection certificate, or in locations where there is not municipal inspection, an affidavit furnished by the contractor or other person doing the work.

(Continued on Sheet No. D-59.00)

Issued ~~January 2, 2019~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2019~~ 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~December 20, 2018~~
in Case Nos. U-~~1809521541 and 18096~~

CUSTOMER GENERATING SYSTEMS OVER 150 kW RATE CGS Large
(Continued from Sheet No. D-59.00)

CONDITIONS OF PURCHASE (Cont.):

13. The customer may contract for supplementary, standby and maintenance electric service from the Company under the rate schedule corresponding to the customer's class of service. General primary and general secondary customers who contract for supplementary, standby and maintenance electric service will be served under the auxiliary service provisions of their respective Conditions of Delivery.
14. For billing periods during which no energy was sold to the Company by a customer on Rate Schedule CGS1 and the customer's bill would reflect only the facilities charge, the billing of such charge may be deferred until the next billing period during which energy is sold. If six consecutive billing periods pass during which no energy is sold to the Company by the customer on Rate Schedule CGS1, or if such customer terminates service under this rate schedule, the Company may bill the customer for the deferred facilities charges.
15. *Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.*

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

PARALLEL GENERATION-PURCHASE PG-2M-STANDARD OFFER

AVAILABILITY

To customers contracting for electric service who satisfy the requirements of "qualifying facility" status under Part 292 of the Federal Energy Regulatory Commission's regulations under the Public Utility Regulatory Policies Act of 1978, generating electrical energy with total customer owned generating capacity of 550 KW or less, and desiring to sell electrical energy to the Company. Customers are not required to take electric service deliveries from the Company. Customers shall enter into a five, ten, fifteen or twenty year service agreement with the Company. Customers with generation capacity of 150 KW or less have the option of selling energy to the Company under this PG-2M tariff, or the CGS Category 1 tariff or the CGS Category 2 tariff.

- (1) QFs with generation design capacity at or below 150 kW shall be eligible to receive compensation based on the Company's full avoided cost rates including capacity and energy, regardless of the Company's capacity need as determined and approved by the Commission in its Order in Case No. U-21081.
- (2) QFs with generation design capacity between 150 kW and 550 kW shall be eligible to receive compensation for energy at the Company's avoided energy cost rate as outlined below. The Commission's Order in Case No. U-21081 determined that the Company did not have a capacity need; therefore, no capacity payment will be payable to systems with a design capacity above 150 kW.

MONTHLY RATES

~~Facilities~~-Fixed Charge

Residential, Non-Demand Secondary customers, and customers not taking electric service deliveries from the Company with customer owned generation capacity of less than 100 kW: Cg1 single or three phase ~~facilities~~-fixed charge
Demand Customers and customers not taking electric service deliveries from the Company with customer owned generation capacity equal to or greater than 100 kW: Cg3 ~~fixed~~~~facilities~~ charge

Charges for Deliveries from Company

Deliveries from the Company to the customer shall be billed in accordance with the standard applicable rate schedules of the Company.

Avoided Energy Cost Rate for Deliveries to Company

For all energy supplied by the customer to the Company, the customer shall receive an energy payment equal to the kilowatt-hours supplied to the Company multiplied by the following energy rate:

<u>Year</u>	<u>Energy Rate</u> \$/kWh
2021	\$0.02718
2022	\$0.06439
2023	\$0.06567
2024	\$0.06699
2025	\$0.06834
2026	\$0.06969
2027	\$0.07108
2028	\$0.07252
2029	\$0.07396

Customers shall receive the applicable energy credits shown above for their initial five years (60 months) of service under this tariff, thereafter, the on-peak energy credit shall equal the average of the on-peak Day Ahead Locational Marginal Prices ("DA LMP") at the MIUP.WEPM load zone node, and the off-peak energy credit

(Continued on Sheet No. D-60.02)

Issued ~~July 19, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~May 12, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~May 12, 2022~~
in Case No. U-~~21081~~ 21541

PARALLEL GENERATION-PURCHASE PG-2M-STANDARD OFFER
(Continued from Sheet No. D-60.01)

Avoided Energy Cost Rate for Deliveries to Company (cont.)

shall equal the average of the off-peak DA LMP at the MIUP.WEPM load zone node. The rates shall be reset annually on January 1 of each year based on the hourly average DA LMP at the MIUP.WEPM load zone node of the most recently completed November 1 to October 31 period.

Capacity Payment

QFs with generation design capacity at or below 150 kW shall receive a capacity payment reflecting the most recent Midcontinent Independent System Operator ("MISO") capacity auction market result in the relevant Local Resource Zone if the customer generation capacity can be counted as capacity in the MISO Capacity Auction (Resource Adequacy) market. The capacity price will be updated each June 1 to reflect the most recent year-round auction clearing price in MISO. The current on-peak rate until May 31, 2024 will be \$0.00110/kWh. If the MISO capacity auction deviates from its current annual format, the applicable capacity price will be calculated from the most recently cleared capacity seasons spanning a 12 month period.

Renewable Premium

At the Company's sole discretion, a premium to be paid on a per kWh basis may be applied to generators that generate a renewable credit that is transferred to the Company. Customers retain the right to refuse a renewable premium and keep the renewable credits or tags. Premiums are to be set when the contract is signed and will not change during the contract period.

Distribution Loss Factors

The following factors shall be applied to the on-peak and off-peak energy factors and capacity payments to reflect system losses. The energy and capacity values will be multiplied by these adjustment factors:

Customers served on a residential rate schedule	1.06343
Customers served on a secondary rate schedule	1.05529
Customers served on a primary rate (low & med voltage) schedule	1.02031
Customers served on a primary rate schedule or special contract (high voltage)	1.00000
Generator only customers metered at a secondary voltage less than 4,160 volts	1.05529
Generator only customers metered at a primary voltage less than or equal to 4,160 volts	1.02031
Generator only customers metered at a primary voltage greater than 4,160 volts and less than 69,000 volts	1.02031
Generator only customers metered at a primary voltage greater than or equal to 69,000 volts	1.00000

Line loss savings will be evaluated on a case by case basis.

ON-PEAK and OFF-PEAK HOURS

The on-peak and off-peak time periods will correspond to the tariffed rate schedule under which the customer purchases energy from the Company. Customers not purchasing energy from the Company will be assigned a peak period of 8 am to 8 pm.

HOLIDAYS

The days of the year which are considered holidays are: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~facilities~~ fixed charge.

(Continued on Sheet No. D-60.03)

Issued ~~July 20, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2023~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~May 12, 2022~~
in Case No. U-~~2108121541~~

PARALLEL GENERATION-PURCHASE PG-3M

AVAILABILITY

To customers contracting for electric service who satisfy the requirements of "qualifying facility" status under Part 292 of the Federal Energy Regulatory Commission's regulations under the Public Utility Regulatory Policies Act of 1978, generating electrical energy with total customer owned generating capacity of 5,000 KW or less, and desiring to sell electrical energy to the Company. Customers are not required to take electric service deliveries from the Company. Customers shall enter into a five, ten, fifteen or twenty year service agreement with the Company. Customers with generation capacity of 550 kW or less have the option of selling energy to the Company under this PG-3M tariff or PG-2M tariff. The Commission's Order in Case No. U-21081 determined that the Company did not have a capacity need; therefore, no capacity payment will be payable to systems eligible for this tariff.

MONTHLY RATES

Facilities-Fixed Charge

Residential, Non-Demand Secondary customers, and customers not taking electric service deliveries from the Company with customer owned generation capacity of less than 100 kW: Cg1 single or three phase ~~facilities~~fixed charge

Demand Customers and customers not taking electric service deliveries from the Company with customer owned generation capacity equal to or greater than 100 kW: Cg3 ~~fixed~~facilities charge

Avoided Energy Cost Rate

For all energy supplied by the customer to the Company, the customer shall receive an energy payment equal to the kilowatt-hours supplied to the Company multiplied by the following energy rate:

Year	Energy Rate \$/kWh
2021	\$0.02718
2022	\$0.06439
2023	\$0.06567
2024	\$0.06699
2025	\$0.06834
2026	\$0.06969
2027	\$0.07108
2028	\$0.07252
2029	\$0.07396

Customers shall receive the applicable energy credit shown above for their initial five years (60 months) of service under this tariff, thereafter, the Customer will be compensated at the DA LMP at MIUP.WEPM load zone node expressed in \$/kWh for every hour.

Renewable Premium

At the Company's sole discretion, a premium to be paid on a per kWh basis may be applied to generators that generate a renewable credit that is transferred to the Company. Customers retain the right to refuse a renewable premium and keep the renewable credits or tags. Premiums are to be set when the contract is signed and will not change during the contract period.

Distribution Loss Factors

The following factors shall be applied to the energy factors and capacity payments to reflect system losses. The energy and capacity values will be multiplied by these adjustment factors:

Customers served on a residential rate schedule	1.06343
Customers served on a secondary rate schedule	1.05529

(Continued on Sheet No. D-60.05)

Issued ~~July 19, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~May 12, 2022~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~May 12, 2022~~
in Case No. U-~~21081~~21541

PARALLEL GENERATION-PURCHASE PG-3M
(Continued from Sheet No. D-60.04)

Distribution Loss Factors (cont.)

Customers served on a primary rate (low & med voltage) schedule	1.02031
Customers served on a primary rate schedule or special contract (high voltage)	1.00000
Generator only customers metered at a secondary voltage less than 4,160 volts	1.05529
Generator only customers metered at a primary voltage less than or equal to 4,160 volts	1.02031
Generator only customers metered at a primary voltage greater than 4,160 volts and less than 69,000 volts	1.02031
Generator only customers metered at a primary voltage greater than or equal to 69,000 volts	1.00000

Line loss savings will be evaluated on a case by case basis.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~facilities~~-fixed charge.

PRO-RATION OF DEMAND COST FOR AUTHORIZED MAINTENANCE

For customers billed on rates with demand charges, the demand charges other than "Customer Demand" shall be prorated if the maintenance schedule of the customer owned generation facility has been approved in advance in writing by the Company. Said pro-ration shall be based on the number of authorized days of scheduled maintenance. The customer shall pay the demand rate for the higher than normal demands due to the generation outage only for the days of authorized maintenance.

SPECIAL RULES

1. The Company shall install appropriate metering facilities to record all flows of energy necessary to bill the customer in accordance with the charges and credits of this rate schedule.
2. The customer shall furnish, install, and wire the necessary service entrance equipment, meter sockets, meter enclosure cabinets, or meter connection cabinets that may be required by the Company to properly meter usage and sales to the Company.
3. The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection Standards Rules (R460.481- 460.489) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service.

PARALLEL GENERATION RULES

See Schedule PGXM.

Issued ~~January 2, 2019~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2019~~2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~December 20, 2018~~
in Case Nos. U-~~18095-21541~~ and ~~18096~~

CUSTOMER GENERATING SYSTEMS – METHANE DIGESTORS - CGS Biogas

AVAILABILITY

This tariff is available only to customers participating in this tariff prior to December 31, 2024. A customer is "participating" if UMEREC has received the application for service under this tariff prior to December 31, 2024. A customer who has an application filed with the utility before December 31, 2024 will be allowed to participate in this tariff if the application is found deficient, provided the customer cures the deficiency within 60 days.

Available to retail customers taking full requirements service with renewable electric generation facilities that are interconnected with the Company's power supply and rated at greater than 150 kW and not more than 550 kW, where customer's delivery offsets retail electric power supply at the same site. If a customer has more than one electric generator, the generator's rating(s) shall be summed and the sum may not exceed 550 kW.

The Company's Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company's previous year's peak demand measured in kW for the Company's retail load, allocated to include no more than 0.25% for customers generating at greater than 150 kW and not more than 550 kW.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 Hertz, single-phase (with Company approval) or three-phase at any Company standard voltage available at the customer-owned generating system site.

RATE

Distribution Charges:

A customer enrolled in this program shall pay the Distribution Charges at the Company's standard service tariff applicable to the customer for the customer's imputed consumption. Imputed consumption is 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.

Power Supply Charges:

A customer enrolled in this program shall pay the Power Supply Charges associated with the Company's standard service tariff applicable to the customer.

Energy Charges:

Charges that are related to a \$/kWh charge will be charged when the customer's net usage results in a monthly net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer's \$/kWh charges shall be credited based on the Excess Generation rate below.

Demand Charges:

The customer shall pay the demand charges (\$/kW) associated with the Company's standard service tariff applicable to the customer for the customer's imputed consumption. Imputed consumption is 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.

Excess Generation:

Excess generation shall be credited at the customer's applicable standard tariff's power supply service energy charges (\$/kWh). The credit shall appear on the customer's next bill. Any credit not used to offset current charges shall be carried forward for use in subsequent billing periods.

Subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

Metering:

The Company will utilize a meter or meters capable of measuring the flow of energy in both directions and generator output. If the Company uses the customer's existing meter, the Company shall test and calibrate the meter to assure accuracy in both directions. If meter upgrades or modifications are required, the customer shall pay the costs incurred.

(Continued on Sheet No. D-62.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~ 1541

CUSTOMER GENERATING SYSTEMS – METHANE DIGESTORS - CGS Biogas
(Continued from Sheet No. D-63.00)

Costs and Fees:

The Company's Modified Net Metering Program has the following fees and costs:

Application fee:	\$25
Interconnection application fee:	\$75
Engineering Review:	\$0
Distribution Study:	Actual Costs or Maximum Approved by the Commission
Distribution Upgrades:	Actual Costs or Maximum Approved by the Commission
Company Testing and Inspection fee:	\$0
All Interconnection Costs:	Actual Costs or Maximum Approved by the Commission

CONDITIONS OF PURCHASE

1. A renewable energy resource consisting of one or more methane digesters with an aggregate name plate capacity between 150 kW and 550 kW located on the customer's premises and metered at a single point of contact.
2. The generation equipment must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirements for electricity.
3. At the customer's option, the customer's electric needs shall be determined by one of the following methods:
 - a. The customer's annual energy usage, measured in kWh, during the previous 12-month period.
 - b. When metered demand is available, the maximum integrated hourly demand measured in kW during the previous 12-month period.
 - c. In instances where complete and correct data is not available or where the customer is making changes on-site that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's electric needs.
4. At the customer's option, the generation capacity shall be determined by one of the following methods:
 - a. Aggregate nameplate capacity of the generator(s).
 - b. An estimate of the expected annual kWh output of the generator(s).

Customers shall not be allowed to switch their generation back and forth between two or more rate schedules to circumvent the intent of the rate design.

5. A customer using biomass blended with fossil-fuel as a renewable energy source must submit proof to the Company substantiating the percentage of the 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.
6. If a customer has more than one generator, the generator's ratings shall be summed. This sum shall be greater than 150 kW and not more than 550 kW.
7. The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual kWh output of the generating unit when completing the Company's Net Metering Application.
8. The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules (R 460.601a-460.656) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service.

9. Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.

Issued ~~January 17, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~October 31, 2017~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~October 9, 2007~~
in Case No. U-~~1515221541~~

DISTRIBUTED GENERATION PROGRAM - DG-1

EFFECTIVE IN

All territory served.

AVAILABILITY

This Rider can be attached to any metered tariff, excluding riders, unless otherwise noted on the applicable metered tariff. The Distributed Generation Program is offered as authorized by 2008 PA 295, as amended by 2016 PA 342 and 2023 PA 235, 1939 PA 3, as amended by 2016 PA 341, Section (6)(a)(14).

The Distributed Generation Program is available for eligible Distributed Generation customers with applications filed beginning January 1, 2025.

A customer participating in a net metering program approved by the Commission before receipt of a Commission order in MPSC Case No. U-21541 shall have the option to take service under this tariff at the time service under the terms and conditions of the previous net metering program terminates in accordance with MCL 463.0183(1).

The Distributed Generation Program is voluntary and available on a first come, first served basis for new customer participants or existing customer participants increasing their aggregate generation. The combined Net Metering Program (CGS-1 and PG-1M), Modified Net Metering Program (CGS-2 and PG-1AM) and Distributed Generation Program size is equal to 10.0% of the Company's previous year's peak demand measured in kW for the Company's retail load, allocated as follows:

- (a) Not less than 50% for customers with an eligible electric generator capable of generating 20 kilowatts or less.
- (b) Not more than 50% for customers with an eligible electric generator capable of generating more than 20 kilowatts but not more than 550 kilowatts.

If an existing customer who participates on CGS-1, CGS-2, CGS Large, CGS Biogas, PG-1M, PG-1AM or PG-1BM increases their aggregate generation following the effective date of this rider, then all generation on site will be subject to the terms and conditions of this tariff.

As specified under the applicable Base Rate. The term Base Rate refers to the Rate Schedules under which the Customer takes service and that this Rider is associated with.

DISTRIBUTED GENERATION DEFINITIONS

(1) A Level 1 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity of 20 kWac or less that use equipment certified by a nationally recognized testing laboratory to IEEE 1547.1 testing standards and is in compliance with UL 1741-SA and located on the customer's premises and metered at a single point of contact.

(2) Level 2 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity greater than 20 kWac but not more than 150 kWac located on the customer's premises and metered at a single point of contact.

(3) A Level 3 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity greater than 150 kWac but not more than 550 kWac located on the customer's premises and metered at a single point of contact.

(4) Eligible Electric Generator- a renewable energy system or a methane digester with a generation capacity limited to no more than 110% of the customer's electricity consumption for the previous 12 months and does not exceed 550 kW at a single point of contact.

(Continued on Sheet No. D-62.20)

Issued xxxxxxxx
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, xxxx

Issued under authority of the
Michigan Public Service Commission
dated xxxxxxxx
in Case No. U-21541

DISTRIBUTED GENERATION PROGRAM - DG-1
(Continued from Sheet No. D-62.10)

- (5) Inflow - the metered inflow delivered by the Company to the customer during the billing month or time- based pricing period.
- (6) Outflow - the metered quantity of the customer's generation not used on site and exported to the utility during the billing month or time-based pricing period.
- (7) Renewable Energy Resource - a resource that naturally replenishes over a human, not a geological, timeframe and that is ultimately derived from solar power, waterpower 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:
 - a. Waves, tides or currents
 - b. Water released through a dam
 - v. Geothermal energy
 - vi. Thermal energy produced from a geothermal heat pump
 - vii. Any of the following cleaner energy resources:
 - a. Municipal solid waste, including the biogenic and anthropogenic fractions
 - b. Landfill gas produced by municipal solid waste
 - c. Fuel that has been manufactured in whole or significant part from waste, including, but not limited to, municipal solid waste. Fuel that meets the requirements of this subparagraph includes, but is not limited to, material that is listed under 40 CFR 241.3(b) or 241.4(a) or for which a non-waste determination is made by the United States Environmental Protection Agency pursuant to 40 CFR 241.3(c). Pet coke, hazardous waste, coal waste, or scrap tires are not fuel that meets the requirements of this subparagraph.

CUSTOMER ELIGIBILITY

In order to be eligible to participate in the Distributed Generation Program, customers must generate a portion of all or up to 110% of their own retail electricity requirements with an Eligible Electric Generator which utilizes a Renewable Energy Resource, as defined above.

A customer's eligibility to participate in the Distributed Generation Program is conditioned on the full satisfaction of any payment term or condition imposed by the customer by pre-existing contracts or tariffs with the Company, including those imposed by participation in the Distributed Generation Program, or those required by the interconnection of the customer's Eligible Electric Generator to the Company's distribution system.

(Continued on Sheet No. D-62.30)

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Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated xxxxxxxxx
	in Case No. U-21541

DISTRIBUTED GENERATION PROGRAM - DG-1
(Continued from Sheet No. D-62.20)

CUSTOMER BILLING ON INFLOW – CATEGORY 1, 2 AND 3 CUSTOMERS

- (1) Full Service Customers - The customer will be billed according to their retail rate schedule, plus surcharges, and Power Supply Cost Recovery (PSCR) Factor on metered Inflow for the billing period.**
- (2) Retail Open Access Customer – The customer will be billed as stated on the customer's Retail Open Access Rate Schedule on metered Inflow for the billing period.**

CUSTOMER BILLING ON OUTFLOW – CATEGORY 1, 2 AND 3 CUSTOMERS

The customer will be credited on outflow for the billing period. The credit shall be applied to the current billing month. Any excess credit not used will be carried forward to subsequent billing periods. Unused Outflow Credit from previous months will be applied to the current billing month, if applicable. The Outflow Credit is nontransferable.

- (1) Full Service Customers Outflow Credit - Customers will be credited according to their underlying base rate schedule's Power Supply Energy Charges, including the Power Supply Cost Recovery (PSCR) Factor, on metered Outflow for the billing period.**
- (2) Retail Open Access Customer – Customers will be credited at rates determined by their Retail Service Supplier on metered Outflow for the billing period.**

Application for Service

In order to participate in the Distributed Generation Program, a customer shall submit completed Interconnection and Distributed Generation Program Applications, including the application fee of \$50 to the Company.

The Distributed Generation Program application fee is waived if the customer is transitioning from the Net Metering Programs (CGS-1, CGS-2, CGS Large, CGS Biogas, PG-1M, PG-1AM or PG-1BM).

If a customer does not act or correspond on an application for over 6 months, when some action is required by the customer, the application may be voided by the Company.

Generator Requirements

The Eligible Electric Generator(s) must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or up to 110% of the customer's requirement for electricity.

(Continued on Sheet No. D-62.40)

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Issued under authority of the
Michigan Public Service Commission
dated xxxxxxxx
in Case No. U-21541

DISTRIBUTED GENERATION PROGRAM - DG-1
(Continued from Sheet No. D-62.30)

Systems will be limited in size, not to exceed 110% of the Customer's self-service needs of the Rate Schedule to which this Rider is attached. The customer's requirement for electricity shall be determined by one of the following methods:

- (1) The customer's annual energy usage, measured in kWh, during the previous 12-month period
- (2) In instances where complete and correct data is not available or where the customer is making changes on-site that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's annual electric requirement. The aggregate capacity of Eligible Electric Generators shall be determined by the aggregate projected annual kWh output of the generator(s). The customer is required to provide the Company with a nameplate capacity rating in kW of the generating unit and a projected monthly and annual Kilowatt-hour output of the generating unit when completing the Company's Distributed Generation Program Application.
- (3) The Company reserves the right to perform an on-site audit to ensure the size of the generation and associated outflow does not exceed the Customer's self-service needs of the Rate Schedule to which this rider is attached.

The customer need not be the owner or operator of the eligible generation equipment but is ultimately responsible for ensuring compliance with all technical, engineering and operational requirements suitable for the Company's distribution system.

Generator Interconnection Requirements

The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Interconnection and Distributed Generation Standards Rules (R460.901a – 460.1026) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service. All such interconnection requirements must be met prior to the effective date of a customer's participation in the Distributed Generation Program. The customer must sign an Interconnection and Operating Agreement with the Company and fulfill all requirements as specified in the Agreement. The customer shall pay actual interconnection costs associated with participating in the Distributed Generation Program, subject to limits established by the Michigan Public Service Commission.

The Company must approve in writing any subsequent changes in the interconnection configuration before such changes are allowed. Operating in parallel with the Company's system without the Company's written approval of the interconnection and written approval of any subsequent changes to the interconnection will subject the Customer's equipment to disconnection.

Metering Requirements

Metering requirements shall be specified by the Company, as detailed below. All metering must be capable of recording inflow and outflow and all parameters metered on the customer's otherwise applicable retail rate schedule, for both Full Service and Retail Open Access customers.

(Continued on Sheet No. D-62.50)

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

Effective for service rendered on and
after January 1, xxxx

Issued under authority of the
Michigan Public Service Commission
dated xxxxxxxx
in Case No. U-21541

DISTRIBUTED GENERATION PROGRAM - DG-1
(Continued from Sheet No. D-62.40)

Distribution Line Extension and/or Extraordinary Facilities

The Company reserves the right to make special contractual arrangements with Distributed Generation Program customers whose utility service requires investment in electric facilities. The Company further reserves the right to condition a customer's participation in the Distributed Generation Program on a satisfactory completion of any such contractual requirements.

Customer Termination from the Distributed Generation Program

A participating customer may terminate participation in the Company's Distributed Generation Program at any time for any reason on thirty days' notice. If a customer who terminates participation in the Distributed Generation Program wishes to re-enroll, that customer must reapply as a new program participant, subject to program size limitations, application queue and application fees.

The Company may terminate a customer from the Distributed Generation Program if the customer fails to maintain the eligibility requirements, fails to comply with the terms of the interconnection and parallel operating agreement, or if the customer's facilities are determined not to be in compliance with technical, engineering, or operational requirements suitable for the Company's distribution system. The Company will provide sixty days' notice to the customer prior to termination from the Distributed Generation Program, except in situations the Company deems dangerous or hazardous. Such notice will include the reason(s) for termination.

Upon customer termination from the Distributed Generation Program, any existing credit on the customer's account will be applied to the customer's bill. Any other excess, not to exceed an amount equal to the customer's prior 6-months of Inflow shall be refunded to the customer. Distributed Generation Program credit is non-transferrable.

Company Termination of the Distributed Generation Program

Company termination of the Distributed Generation Program may occur upon receipt of Commission approval. Upon Company termination of the Distributed Generation Program, any existing credit on the customer's account will be applied to the customer's bill. Any other credit, not to exceed an amount equal to the customer's prior 6-months of Inflow, shall be refunded to the customer. Distributed Generation Program credit is non-transferrable.

Distributed Generation Program Status and Evaluation Reports

The Company will submit an annual status report to the Commission Staff by March 31 of each year including Distributed Generation Program data for the previous 12 months, ending December 31. The Company's status report shall maintain customer confidentiality.

Renewable Energy Credits

Renewable Energy Credits (RECs) are owned by the customer. The Company may purchase Renewable Energy Credits from participating Distributed Generation Program customers who are willing to sell RECs generated if the customer has a generation meter in place to accurately measure and verify generator output. REC certification costs are the responsibility of the customer. The Company will enter into a separate agreement with the customer for the purchase of any RECs.

Issued xxxxxxxxx
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, xxxx

Issued under authority of the
Michigan Public Service Commission
dated xxxxxxxxx
in Case No. U-21541

EXPERIMENTAL RENEWABLE ENERGY (SOLAR PV) DISTRIBUTED GENERATION RATE CGS PV

AVAILABILITY

For the purposes of this schedule, Company is defined as Upper Michigan Energy Resources Corporation and Customer is defined as a person or business who wishes to sell electricity generated using solar photovoltaics (PV) to the Company.

This rate schedule is available to Customers participating in one of the Company's Energy For Tomorrow programs (rate schedules ERER1, ERER2 or ERER3). Eligible PV generating equipment must be rated for an aggregate generation capacity of not less than 1.5 kW and not more than 15 kW. This experimental tariff offering is limited to 75 kW of total generation capacity.

Eligible Customers may enroll in this experimental tariff offering for a period ending 09-30-11 by entering into a 10-year contract with the Company. Customers will execute and submit an interconnection agreement and meet all criteria in the Conditions of Purchase section of this tariff rider.

The terms and conditions of this rider may be modified before the expiration date, subject to approval by the Michigan Public Service Commission.

RATE

~~Facilities~~ Fixed Charge

No separate ~~Fixed~~ ~~Facilities~~ Charge for Customers selling electricity to the Company under this rate schedule. The Customer will pay the normal monthly ~~facilities-fixed~~ charge applicable to the rate schedule under which the Customer is served when the Customer is a purchaser of electric service from the Company.

Energy Rate

The Company will purchase power from the Customer at the following RATE \$0.225 per kWh.

The Customer will receive a monthly credit for the energy sold to the Company at the above rate and will receive at check whenever any net accumulated amount exceeds \$100.00.

Meter Charge

A second meter is required to measure the solar PV generating output of the Customer. The applicable second meter charge is: \$0.03288 per day

Minimum Charge

The monthly minimum charge is the meter charge.

CONDITIONS OF PURCHASE

1. This tariff is limited to Energy for Tomorrow Customers. The level of participation in the Energy for Tomorrow program shall be at least as great as the anticipated annual PV output as mutually agreed upon by the Company and the Customer. See the Energy for Tomorrow rate schedules for additional detail.
2. This experimental tariff has a limited enrollment period ending 09-30-11. Customers with a signed contract may remain on the rate schedule for a term of 10 years from the date of their enrollment.
3. The Company will have title to all of the associated renewable attributes produced by the generation. Renewable attributes include any and all local, state, federal, and/or international renewable resource credits, emissions credits and any other environmentally related credits that are, or in the future will be, recognized by any governmental authority and attributed to the production of energy from renewable power.
4. The Customer must comply with the various applicable national, state and local electrical codes, rules and regulations; the electric service rules and regulations of the Company. The Company may request proof of such compliance prior to initiation of service. Proof of such compliance consists of a municipal inspection certificate or in locations where there is no municipal inspection, an affidavit furnished by the contractor or other person doing the work.

(Continued on Sheet No. D-69.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~ 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~ 21541

TRANSMISSION SUBSTATION SERVICE – METERED - TssM

AVAILABILITY

To customers contracting for secondary transmission substation electrical service for one year or more. This transmission substation service is sometimes referred to as Auxiliary Power.

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Power Supply Charges:

The General Secondary Rate Schedule Cg1 charges shall apply.

Delivery Charges:

The General Secondary Rate Schedule Cg1 ~~facilities~~ fixed charges shall apply.

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

MINIMUM CHARGE

For regular service the monthly minimum charge shall be the ~~Facilities~~ Fixed Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, and the Excess Meter Charge, if applicable. For auxiliary service the monthly minimum charge shall be as provided in conditions of delivery. See paragraph 6, Conditions of Delivery, Sheet D-22.00.

LATE PAYMENT CHARGE: A 1.5% per month late charge will be applied to outstanding charges past due.

RETAIL ACCESS OPTION

Customers who meet the availability requirements of the TssM rate schedule may contract for secondary retail access service. Retail access customers shall pay the above applicable Delivery Charges, Minimum Charge, and Late Payment Charge. Additionally, retail access customers shall pay the Capacity Power Supply Charge in Rate Schedule Cg1, not subject to Power Supply surcharges and credits, if their Alternative Electric Supplier has not secured generation capacity for the customer. There is a \$2.79452 per day charge for an interval demand meter or service connection if applicable. Customers taking retail access service are also subject to the Terms and Conditions contained in the Retail Access Service tariff rate schedule RAS-1, Section E.

CONDITIONS OF DELIVERY

See Sheet No. D-22.00. In addition to the Conditions of Delivery noted, retail access service customers are also subject to the Terms and Conditions contained in the Retail Access Service tariff, Section E.

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

TRANSMISSION SUBSTATION SERVICE – UNMETERED - TssU

AVAILABILITY

To customers contracting for secondary transmission substation electrical service for one year or more. This transmission substation service is sometimes referred to as Auxiliary Power.

Availability of service under this tariff is further limited to customers where metered service is not readily available and cannot be practically or economically metered at each individual service location, as determined by the Company based on current metering specifications.

(See Conditions of Delivery section of this tariff for more detail on metering requirements.)

HOURS OF SERVICE: Twenty-four.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single-phase, three-phase, or combination single and three-phase service.

RATE

Power Supply Charges:

The General Secondary Rate Schedule Cg1 charges shall apply.

Delivery Charges: These charges are applicable to Full Requirements and Retail Access service.

~~Facilities~~ Fixed Charge: per day per standard meter or service connection
\$0.12000

Power Supply and Delivery Charges are subject to the surcharges and credits shown on Sheet Nos. D-3.00 to ~~D-7.01~~ D-7.00.

MINIMUM CHARGE

For regular service the monthly minimum charge shall be the ~~Fixed~~ Facilities Charge, the Renewable Energy Surcharge, the Energy Waste Reduction Surcharge, and the Excess Meter Charge, if applicable. For auxiliary service the monthly minimum charge shall be as provided in conditions of delivery, paragraph 6, Sheet D-22.00.

LATE PAYMENT CHARGE: A 1.5% per month late charge will be applied to outstanding charges past due.

RETAIL ACCESS OPTION

Customers who meet the availability requirements of the TssU rate schedule may contract for secondary retail access service. Retail access customers shall pay the above applicable Delivery Charges, Minimum Charge, and Late Payment Charge. Additionally, retail access customers shall pay the Capacity Power Supply Charge in Rate Schedule Cg1, not subject to Power Supply surcharges and credits, if their Alternative Electric Supplier has not secured generation capacity for the customer. There is a \$2.79452 per day charge for an interval demand meter or service connection if applicable. Customers taking retail access service are also subject to the Terms and Conditions contained in the Retail Access Service tariff rate schedule RAS-1, Section E.

CONDITIONS OF DELIVERY

1. The availability of this rate schedule is limited to transmission substation electric service.
2. Service under this rate schedule will be subject to terms and conditions outlined in a separately executed Service Agreement signed by a representative of both the customer and Company. This Service Agreement will specify, at a minimum, the maximum hourly energy consumption of the substation equipment, per manufacturer's specifications and subject to confirmation by testing performed by Company personnel and any other customer-specific terms and conditions that are not otherwise specified in this tariff. If the customer is an affiliated interest of the Company, as defined in Wis. Stat. §196.52, the Service Agreement is hereby deemed approved as an affiliated interest agreement.

(Continued on Sheet No. D-81.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

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SECTION D – WPSC RATE ZONE
RATE SCHEDULES

D1. ~~POWER SUPPLY COST RECOVERY~~ ~~PSCRM~~

1. ~~PSCR FACTORS~~

All rates for metered electric Power Supply service shall include an amount up to the ~~Adjusted Maximum~~ Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below. The ~~Maximum~~ PSCR Factor for the period covered shall consist of an increase or decrease of .010276 mills per kWh for each full .01 mill per kWh increase or decrease in power supply costs above or below a base cost of 39.43 mills per kWh rounded to the nearest .01 mills per kWh. The projected power supply and transmission service costs per kWh shall equal the total projected net power costs in that month divided by that month's net system kWh requirements. MPSC Order dated April 23, 2015 in Case No. U-17669 established the PSCR base and loss factor effective for service on and after the beginning of the first business month following April 23, 2015, on a bill rendered basis.

An amount not exceeding the Adjusted Maximum PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative. This procedure shall apply to the following rate schedules:

<u>Class of Service</u>	<u>Schedule No.</u>
Residential	Rg 1M, RG-OTOUM
Commercial & Industrial	Cg 1M, Cg 3M, Cg-OTOUM, Cp 1M
Other	Mp 1M

Power Supply Cost Recovery Factors

	<u>2024</u>	<u>Prior Period</u>		<u>Adjusted</u>	<u>Actual</u>
	<u>Plan Year</u>	<u>PSCR</u>	<u>Maximum</u>	<u>Maximum</u>	<u>Factor</u>
<u>Billing</u>	<u>PSCR Factor</u>	<u>Reconciliation</u>	<u>2024 PSCR</u>	<u>2024 PSCR</u>	<u>Billed</u>
<u>Month</u>	<u>\$/kWh</u>	<u>Factor \$/kWh</u>	<u>Factor \$/kWh</u>	<u>Factor \$/kWh</u>	<u>\$/kWh</u>
Jan 2024	\$0.01186	\$0.00000	\$0.01186	\$0.01186	\$0.01186
Feb 2024	\$0.01186	\$0.00000	\$0.01186		
Mar 2024	\$0.01186	\$0.00000	\$0.01186		
Apr 2024	\$0.01186	\$0.00000	\$0.01186		
May 2024	\$0.01186	\$0.00000	\$0.01186		
Jun 2024	\$0.01186	\$0.00000	\$0.01186		
Jul 2024	\$0.01186	\$0.00000	\$0.01186		
Aug 2024	\$0.01186	\$0.00000	\$0.01186		
Sep 2024	\$0.01186	\$0.00000	\$0.01186		
Oct 2024	\$0.01186	\$0.00000	\$0.01186		
Nov 2024	\$0.01186	\$0.00000	\$0.01186		
Dec 2024	\$0.01186	\$0.00000	\$0.01186		

Parentheses indicate a credit factor. The Maximum PSCR Factor is subject to adjustment pursuant to the Contingent PSCR Factors shown on Sheet No. D-100.01.

(Continued on Sheet No. D-100.01)

Issued ~~December 15, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on
and after January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated
in Case No. U-~~21434~~21541

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POWER SUPPLY COST RECOVERY
(Continued from Sheet No. D-100.00)

ADJUSTED MAXIMUM PSCR FACTORS

The Maximum PSCR Factor is subject to adjustment. The Adjusted Maximum PSCR Factor is calculated based upon changes to the PSCR Plan's forecasted NYMEX Price for the specified billing period as set forth in the table below. The Adjusted Maximum PSCR Factors are the maximum PSCR Factors the Company may charge. The actual PSCR factor charged in any month may be less than the Adjusted Maximum PSCR Factor.

No less than fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission a worksheet reflective of the calculation below and an updated tariff sheet reflecting the adjustment.

ADJUSTMENT MECHANISM (SAMPLE)

Base PSCR Factor from Plan (WEPCO Rate Zone) \$/MWh	\$11.86
Jan-Dec NYMEX Average Forecast \$/Dth (X)	\$3.70
Jan-Dec NYMEX Average from Plan \$/Dth (X_{plan})	\$3.80
Difference	(\$0.10)
Adjusted Maximum PSCR Factor \$/kWh	\$0.01186

2024 NYMEX Increase

<u>Greater than or Equal to</u>	<u>But less than</u>	<u>Adjusted Maximum PSCR Factor (\$/kWh)</u>	<u>Greater than or Equal to</u>	<u>But less than</u>	<u>Adjusted Maximum PSCR Factor (\$/kWh)</u>
\$0.00	\$0.25	\$0.01186	\$2.50	\$2.75	\$0.01678
\$0.25	\$0.50	\$0.01228	\$2.75	\$3.00	\$0.01737
\$0.50	\$0.75	\$0.01272	\$3.00	\$3.25	\$0.01798
\$0.75	\$1.00	\$0.01316	\$3.25	\$3.50	\$0.01862
\$1.00	\$1.25	\$0.01363	\$3.50	\$3.75	\$0.01927
\$1.25	\$1.50	\$0.01411	\$3.75	\$4.00	\$0.01995
\$1.50	\$1.75	\$0.01461	\$4.00	\$4.25	\$0.02066
\$1.75	\$2.00	\$0.01512	\$4.25	\$4.50	\$0.02138
\$2.00	\$2.25	\$0.01565	\$4.50	\$4.75	\$0.02214
\$2.25	\$2.50	\$0.01621	\$4.75	\$5.00	\$0.02292
>\$5.00					\$0.02373

DEFINITIONS:

$$\text{NYMEX Increase} = (X - X_{\text{plan}})$$

X = the average NYMEX price (\$/Dth) for the remaining months of the PSCR plan year averaged over the first five trading days of the month prior to implementation of the proposed PSCR factor.

X_{plan} = NYMEX average price for the remaining months of the PSCR plan as incorporated into the current year PSCR Plan.

(Continued on Sheet No. D-101.00)

Issued	Effective for service rendered on
T. T. Eidukas	and after January 1, 2025
Vice-President,	
Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated
	in Case No. U-21541

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D1. POWER SUPPLY COST RECOVERY

PSCRM

(Continued from Sheet No. D-100.01)

PREVIOUS YEAR (2023) PSCR FACTORS

	<u>2023</u>	<u>Prior Period</u>		<u>Adjusted</u>	<u>Actual</u>
	<u>Plan Year</u>	<u>PSCR</u>	<u>Maximum</u>	<u>Maximum</u>	<u>Factor</u>
<u>Billing</u>	<u>PSCR Factor</u>	<u>Reconciliation</u>	<u>2023 PSCR</u>	<u>2023 PSCR</u>	<u>Billed</u>
<u>Month</u>	<u>\$/kWh</u>	<u>Factor \$/kWh</u>	<u>Factor \$/kWh</u>	<u>Factor \$/kWh</u>	<u>\$/kWh</u>
<u>Jan 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	
<u>Feb 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	
<u>Mar 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	
<u>Apr 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	
<u>May 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.01903</u>	
<u>Jun 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.01411</u>	
<u>Jul 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.01114</u>	
<u>Aug 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.00877</u>	
<u>Sep 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	<u>\$0.00517</u>
<u>Oct 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	<u>\$0.00375</u>
<u>Nov 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	<u>(\$0.00219)</u>
<u>Dec 2023</u>	<u>\$0.01544</u>	<u>\$0.01240</u>	<u>\$0.02784</u>	<u>\$0.02784</u>	<u>\$0.00438</u>

2. MONTHLY REPORTS

Not more than 45 days following the last day of each billing month in which a PSCR 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 PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest commission order for the company and the cost of power supply.

Should the company apply lesser factors than those above, or if the factors are later revised pursuant to commission orders or 1982 PA 304, the company will notify the commission if necessary and file a revision of the above list.

3. ANNUAL RECONCILIATION

All fuel cost and purchased and net interchanged power revenues received by the company, whether included in base rates or collected pursuant to a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in section 6j (12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled. The initial power supply cost reconciliation shall cover the period commencing with the billing month of January, 1984, and ending in the billing month of December, 1984.

Issued	Effective for service rendered on
T. T. Eidukas	and after January 1, 2025
Vice-President,	
Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated
	in Case No. U-21541

D2. RESIDENTIAL SERVICE
AVAILABILITY

Rg-1M

This schedule is available for single-phase service to residential customers who are not required to take service under the Power Supply Default Service (PSDS). Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charge under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

MONTHLY RATE

Distribution Service

Fixed Charge

Daily	Monthly	
\$0.3945	\$12.00	Year-Round Customers
\$0.7890	\$24.00	Seasonal Customers

Energy Charge

All kWh: ~~\$0.03433~~ \$0.05282/kWh

Power Supply Service (Optional)

<u>Energy Charge</u>	<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>
All kWh:	\$0.03040 <u>\$0.04137</u>	\$0.04804 <u>\$0.07067</u>	\$0.07844 <u>\$0.11205</u> /kWh

Residential Income Assistance (RIA) Service Provision:

When service is supplied to a residential customer for primary residence, where the total household income does not exceed 150% of the Federal Poverty Level, a credit shall be applied during all billing months. The total household income is verified when the customer has provided proof that they have received, or are currently participating in, one or more of the following within the past 12 months:

1. A Home Heating Credit energy draft
2. State Emergency Relief
3. Assistance from a Michigan Energy Assistance Program (MEAP)
4. SNAP
5. Medicaid

If the customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the Income Assistance Service Provision (RIA) shall be applied as follows:

Income Assistance Credit: \$(12.00) per customer per month

Residential Service Senior Citizen Provision:

When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows: Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Senior Assistance Credit: \$(6.00) per month per customer

This credit shall not be taken in conjunction with a credit for the Residential Income Assistance (RIA) Service Provision.

(Continued on Sheet D-104.10)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D2. RESIDENTIAL SERVICE

(Continued from Sheet No. D-104.00)

Rg-1M

MINIMUM CHARGE

The monthly minimum charge is the fixed charge.

POWER SUPPLY COST RECOVERY CLAUSE

See Schedule PSCR, starting on Sheet **D-3.00.**

APARTMENT BUILDINGS & MULTIPLE DWELLINGS

See Schedule RgX starting on Sheet D-102.00.

COMBINED SERVICE

See Schedule RgX starting on Sheet D-102.00.

THREE PHASE SERVICE

See Schedule RgX starting on Sheet D-102.00.

SEASONAL BILLING

See Schedule RgX starting on Sheet D-102.00.

SPACE HEATING

See Schedule RgX starting on Sheet D-102.00.

WATER HEATING

See Schedule RgX starting on Sheet D-103.00.

PARALLEL GENERATION

See Schedule PG starting on Sheet D-137.00.

ENERGY WASTE REDUCTION

See Schedule EWR starting on Sheet **D-5.00.**

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

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

Effective for service rendered on and
after January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated
in Case No. U-21541

D2. RESIDENTIAL SERVICE – OPTIONAL TIME-OF-USE

RG-OTOU-1M

AVAILABILITY

This schedule is available upon written request for single phase service to residential customers on a voluntary basis for a minimum period of one year. This schedule is available to customers who are not required to take service under the Power Supply Default Service (PSDS). Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, *unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charge under this rate schedule.* Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

MONTHLY RATE

Distribution Service

Fixed Charge

Daily

\$0.3945

\$0.7890

Monthly

~~\$12.00~~

~~\$24.00~~

Year-round customers

Seasonal customers

Energy Charge

On-Peak:

All kWh at \$~~0.10355~~ 0.05704/kWh

Off-Peak:

All kWh at \$~~0.02589~~ 0.01426/kWh

Power Supply Service (Optional)

Energy Charge

Capacity

Non-Capacity

Total

On-Peak: All kWh at ~~\$0.1108820.09667~~ \$0.108520.09246 ~~\$0.21941~~ 0.18913/kWh

Off-Peak: All kWh at ~~\$0.04806~~ 0.04728/kWh

PRICING PERIOD DEFINITIONS

On-Peak Periods

The following periods on Monday, Tuesday, Wednesday, Thursday, and Friday, excluding holidays:

1. Summer (Calendar Months of May - September)
Option 1: 9:00 AM to 7:00 PM
Option 2: 10:00 AM to 8:00 PM
2. Winter (Calendar Months of October - April)
Option 1: 8:00 AM to 12:00 noon and 4:00 PM to 9:00 PM
Option 2: 9:00 AM to 12:00 noon and 4:00 PM to 10:00 PM

Customer must choose the same option number during both the winter and summer periods.

Off-Peak Periods

All hours not included as on-peak hours above.

HOLIDAYS

The days of the year which are considered holidays are New Year's Day, Good Friday, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Friday After Thanksgiving, Day Before Christmas, Christmas Day, and Day Before New Year's Day.

MINIMUM CHARGE

The monthly minimum charge is the fixed charge.

(Continued on Sheet No. D-106.00)

Issued ~~April 25, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~November 30, 2017~~
in Case No. U-~~48253~~ 21541

D2. RESIDENTIAL SERVICE – OPTIONAL TIME-OF-USE

RG-OTOU-1M

(Continued from Sheet No. D-105.00)

SPECIAL TERMS AND PROVISIONS

1. This rate schedule will apply for a minimum of one year from the date consumption under this tariff is initiated.
2. A customer must remain on a selected pricing period option for a minimum period of one year from the date consumption under this tariff is initiated or from the date a pricing period option change becomes effective.
3. Any customer choosing to be served on this rate schedule thereby waives all rights to any billing adjustments arising from a claim that the bill for the customer's service would be cheaper on any alternative rate schedule for any period of time.
4. The meter must be located outside or in a location that is readily accessible by Company personnel during normal working hours.

Residential Income Assistance (RIA) Service Provision:

When service is supplied to a residential customer for primary residence, where the total household income does not exceed 150% of the Federal Poverty Level, a credit shall be applied during all billing months. The total household income is verified when the customer has provided proof that they have received, or are currently participating in, one or more of the following within the past 12 months:

- 1. A Home Heating Credit energy draft**
- 2. State Emergency Relief**
- 3. Assistance from a Michigan Energy Assistance Program (MEAP)**
- 4. SNAP**
- 5. Medicaid**

If the customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the Income Assistance Service Provision (RIA) shall be applied as follows:

Income Assistance Credit: \$(12.00) per customer per month

Residential Service Senior Citizen Provision:

When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows: Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers.

The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Senior Assistance Credit: \$(6.00) per month per customer

This credit shall not be taken in conjunction with a credit for the Residential Income Assistance (RIA) Service Provision.

(Continued on Sheet D-106.10)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D2. RESIDENTIAL SERVICE – OPTIONAL TIME-OF-USE

RG-OTOU-1M

(Continued from Sheet No. D-106.00)

<u>POWER SUPPLY COST RECOVERY CLAUSE</u>	See Schedule PSCR, starting on Sheet <u>D-3.00.</u>
<u>APARTMENT BUILDINGS & MULTIPLE DWELLINGS</u>	See Schedule RgX starting on Sheet D-102.00.
<u>COMBINED SERVICE</u>	See Schedule RgX starting on Sheet D-102.00.
<u>SEASONAL BILLING</u>	See Schedule RgX starting on Sheet D-102.00.
<u>SPACE HEATING</u>	See Schedule RgX starting on Sheet D-102.00.
<u>WATER HEATING</u>	See Schedule RgX starting on Sheet D-103.00.
<u>PARALLEL GENERATION</u>	See Schedule PG starting on Sheet D-137.00.
<u>ENERGY WASTE REDUCTION</u>	See Schedule EWR starting on Sheet <u>D-5.00.</u>
<u>RATE REALIGNMENT ADJUSTMENT</u>	See Schedule RRA starting on Sheet D-157.00.

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

Effective for service rendered on and
after January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated
in Case No. U-21541

Reserved for Future Use

~~D2. RESIDENTIAL SERVICE DIRECT CONTROL RIDER Rg-DCM~~

~~EFFECTIVE IN: All territory served when there is adequate signal strength for implementing load control.~~

AVAILABILITY

~~This service is available to residential customers with central air conditioners and/or electric water heaters. The above appliances may be electrically cycled or disconnected *at the sole discretion of* the company in accordance with the rules of this rider.~~

~~Availability may be denied where in the judgment of the company installation of load control equipment is impractical. Availability is subject to the ability of the company to obtain and install the required load control equipment.~~

~~Availability will normally be denied for the control of electric water heaters where a separate controller is required for the water heater and the company or another utility supplies natural gas service to the customer.~~

~~A customer shall not simultaneously be receiving credits for water heater control under this rider and taking service under Controlled service for water heaters under Rg-OTOU-1M Optional Time of Use.~~

~~Customers taking Power Supply Service under rate schedule RAST are not eligible for this service.~~

MONTHLY RATE

~~In addition to receiving the billing credits for direct load control stated below, customers are responsible for all applicable charges and clauses of the appropriate residential service rate schedule.~~

MONTHLY CREDIT AIR CONDITIONERS (AC) AND WATER HEATERS (WH)

~~Control Control~~

~~Option Type~~

- | | | |
|--------------|--------------------------------------|------------------------|
| 1 | AC Cycling | \$0.00/Mo.* |
| 2 | AC 100% Load Shed/Cycling | \$8.00/Mo.* |
| 3 | WH 100% Load Shed/Cycling | \$3.00/Mo. |

~~*Credit only during calendar months of June, July, August and September.~~

SEASONAL BILLING

Air Conditioners

~~Winter seasonal customers billed for November through April shall not be eligible for monthly credits for the direct control of central air conditioners.~~

Water Heating

~~The monthly credit for seasonal water heating customers shall only be applied in those months when a customer charge is billed under the rate schedule under which the customer receives service. This would normally be the six month seasonal billing period.~~

CONTROL OPTIONS: ~~The customer shall select at least one of the following control options:~~

~~Option 1 Air Conditioner Cycling: The central air conditioner may be electrically cycled from 5 to 20 minutes "off" out of every 30 minutes for normally no more than 100 "off" hours per calendar year. The degree of cycling will depend on the situation.~~

~~Option 2 Air Conditioner 100% Load Shed: The central air conditioner may be electrically disconnected for a maximum of 8 hours per day at the Company's sole discretion. The central air conditioner will normally be electrically disconnected for no more than 50 hours per calendar year.~~

~~(Continued on Sheet No. D-108.00)~~

Issued ~~August 31, 2021~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~August 12, 2021~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~August 11, 2021~~
in Case No. U-2103721541

D2. RESIDENTIAL SERVICE — DIRECT CONTROL RIDER **Rg-DCM**
(Continued from Sheet No. D-107.00)

CONTROL OPTIONS (Cont.):

~~Option 3 — Water Heater 100% Load Shed:~~ The water heater may be electrically disconnected for a maximum of 8 hours per day at the Company's sole discretion. The water heater will normally be electrically disconnected for no more than 100 hours per calendar year.

TESTING

~~At the sole discretion of the company,~~ equipment may be electrically disconnected for a maximum of one hour per day.

DEFINITIONS

~~Load Shedding — Complete interruption of designated load for the duration of the interruption.~~

~~Cycling — 50% interruption, in alternating on/off cycles, of designated load for the duration of the interruption.~~

~~Normal service interruptions are not included in the determination of the above hours of control in a calendar year.~~

TERMS AND CONDITIONS

- ~~1. — If a customer decides to terminate control or change to another control option, the company will endeavor to implement the change as soon as practical.~~
- ~~2. — Prior to the installation of load control devices, the company may inspect the customer's electrical equipment to insure good repair and working condition, but the company shall not be responsible for the repair or maintenance of the electrical equipment.~~
- ~~3. — The company will install, own, and maintain the load management devices controlling the customer's air conditioner and/or water heater. **No notice is provided prior to the company cycling or disconnecting the customer's air conditioner and/or water heater.** The customer must allow the company reasonable access to install, maintain, inspect, test and remove load control devices. Inability of the company to gain access to the load management device to perform any of the above activities for a period exceeding 30 days may, at the company's option, result in discontinuance of monthly billing credits under this rate schedule until such time as the company is able to gain the required access. **If, due to the customer's actions, the air conditioner and/or water heater cannot be cycled or disconnected, the penalty will be \$3.50 per kilowatt-hour for all energy recorded during those periods when the customer's air conditioner and/or water heater should have been cycled or disconnected plus the customer's share of actual costs and penalties assessed to the utility by MISO, ATC, and other regulatory bodies.**~~

SPECIAL RULES

Air Conditioners

- ~~1. — Multiple central air conditioning units serving the same residence must all be installed with load control devices to qualify for service under this rate schedule.~~
- ~~2. — The load control device will control the air conditioning compressor. The furnace air circulating fan will not be controlled.~~

Water Heaters

- ~~1. — Multiple water heating units serving the same residence must all be installed with load control devices to qualify for service under this rate schedule.~~
- ~~2. — The electrical circuit to the water heater shall be limited to no more than 30 amps.~~

Issued August 31, 2021	Effective for service rendered on and
T. T. Eidukas	after August 12, 2021
Vice President,	
Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated August 11, 2021
	in Case No. U-21037

D3. SMALL COMMERCIAL & INDUSTRIAL SERVICE

Cg-1M

AVAILABILITY

This schedule is available to small commercial and industrial customers where neither of the following have been exceeded for three consecutive months and also exceeded for at least one month in each succeeding rolling 12-month period:

1. Total demand of 100 kW; or.
2. Total monthly energy consumption of 12,500 kWh.

Customers taking service on the Cg-1M rate as of the effective date of the Commission Order in Case No. U-13688, that qualify for ~~CP-1M~~Cp-1M by exceeding 100 ~~kW~~kW of demand or 25,000 ~~kwh~~kWh for three consecutive months prior to September 1, 2004, have the option to remain on the applicable energy only rate. These customers will be subject to the following ~~customer-fixed~~ charges: ~~\$255.00/month or~~ \$8.3836/day for year-round ~~customer-fixed~~ charge or ~~a \$510/month or~~ \$16.7671/day seasonal ~~customer-fixed~~ charge.

This schedule is available to customers who are not required to take service under the Power Supply Default Service (PSDS). Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charge under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

MONTHLY RATE

Distribution Service

Fixed Charge

Daily

\$0.8219

\$1.6438

Monthly

~~\$25.00~~

~~\$50.00~~

Year-Round Customers

Seasonal Customers

Energy Charge

All kWh:

~~\$0.02000~~ \$0.04326/kWh

Power Supply Service (Optional)

Energy Charge

All kWh:

Capacity

~~\$0.02583~~ \$0.04045

Non-Capacity

~~\$0.07047~~ \$0.06472

Total

~~\$0.09630~~ \$0.10517/kWh

For new customers the company may, at its discretion, waive the three month qualification period when, in the company's judgment, the customer would obviously meet the qualification criteria. Within 12 months, the company shall inform the customer in writing that failure of the customer to meet the qualification criteria after a waiver is granted will result in:

1. The customer being immediately placed on the appropriate rate schedule, and
2. Backbilling to reflect the appropriate rate schedule from the date the waiver was originally effective.

MINIMUM CHARGE

For the regular rate, the minimum charge is the fixed charge plus the energy waste reduction charge.

POWER SUPPLY COST RECOVERY CLAUSE

See Schedule PSCR starting on Sheet ~~D-100.00~~ D-3.00

SHORT TERM SERVICE

See Schedule CgXM starting on Sheet D-109.00

ANNUAL MINIMUM CHARGE

See Schedule CgXM starting on Sheet D-109.00

SEASONAL BILLING

See Schedule CgXM starting on Sheet D-109.00

SPACE HEATING

See Schedule CgXM starting on Sheet D-110.00

(Continued on Sheet No. D-112.00)

Issued ~~April 25, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~November 30, 2017~~
in Case No. U-~~48253~~ 21541

D3. SMALL COMMERCIAL & INDUSTRIAL SERVICE Cg-1M
(Continued from Sheet No. D-111.00)

<u>WATER HEATING</u>	See Schedule CgXM starting on Sheet D-110.00
<u>STANDBY SERVICE</u>	See Schedule CgXM starting on Sheet D-21100.00
<u>ENERGY WASTE REDUCTION</u>	See Schedule EWR starting on Sheet D-156.00 <u>D-5.00</u>
<u>RATE REALIGNMENT ADJUSTMENT</u>	See Schedule RRA starting on Sheet D-157.00.
<u>TAX CUTS AND JOBS ACT OF 2017</u>	See Schedule TCJA starting on Sheet D-158.00.

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D3. SMALL COMMERCIAL & INDUSTRIAL SERVICE

Cg-3M

AVAILABILITY

This schedule is available to small commercial and industrial customers where:

1. Total monthly energy consumption has exceeded 12,500 kWh for three consecutive months and, after qualifying at least once in succeeding rolling 12 month periods; or
2. Does not meet the availability criteria for the Cg-1M or Cp-1M rate schedules.

Customers taking service on the Cg-1M rate as of the effective date of the Commission Order in Case U-13688, that qualify for ~~CP-1M~~Cp-1M by exceeding 100 ~~kW~~kW of demand or 25,000 kWh for three consecutive months prior to September 1, 2004, have the option to remain on the applicable energy only rate. These customers will be subject to the following ~~customer-fixed~~ charges: ~~\$255.00/month or~~ \$8.3836/day for year-round ~~fixed~~customer charge or a ~~\$510/month or~~ \$16.7671/day seasonal ~~customer-fixed~~ charge.

This schedule is available to customers who are not required to take service under the Power Supply Default Service (PSDS). Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charge under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

MONTHLY RATE

Distribution Service

Fixed Charge

Daily

\$1.3151

Monthly

~~\$40.00~~

Year-Round Customers

\$2.6301

~~\$80.00~~

Seasonal Customers

Energy Charge

All kWh:

~~\$0.04610~~ 0.04335/kWh

Power Supply Service (Optional)

Energy Charge

All kWh:

Capacity

~~\$0.03180~~ 0.03210

Non-Capacity

~~\$0.05780~~ 0.07063

Total

~~\$0.08960~~ 0.10273/kWh

For new customers the company may, at its discretion, waive the three month qualification period when, in the company's judgment, the customer would obviously meet the qualification criteria. Within 12 months, the company shall inform the customer in writing that failure of the customer to meet the qualification criteria after a waiver is granted will result in:

1. The customer being immediately placed on the appropriate rate schedule, and
2. Backbilling to reflect the appropriate rate schedule from the date the waiver was originally effective.

MINIMUM CHARGE

The minimum charge is the fixed charge plus the energy waste reduction charge.

POWER SUPPLY COST RECOVERY CLAUSE

See Schedule PSCR starting on Sheet ~~D-100.00~~ D-3.00

SHORT TERM SERVICE

See Schedule CgXM starting on Sheet D-109.00

ANNUAL MINIMUM CHARGE

See Schedule CgXM starting on Sheet D-109.00

SEASONAL BILLING

See Schedule CgXM starting on Sheet D-109.00

(Continued on Sheet No. D-114.00)

Issued ~~April 25, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~November 30, 2017~~
in Case No. U-~~182532~~ 1541

D3. SMALL COMMERCIAL & INDUSTRIAL SERVICE

Cg-3M

(Continued from Sheet No. D-113.00)

<u>SPACE HEATING</u>	See Schedule CgXM starting on Sheet D-110.00
<u>WATER HEATING</u>	See Schedule CgXM starting on Sheet D-110.00
<u>STANDBY SERVICE</u>	See Schedule CgXM starting on Sheet D-10.00
<u>ENERGY WASTE REDUCTION</u>	See Schedule EWR starting on Sheet D-5.00 D-156.00
<u>RATE REALIGNMENT ADJUSTMENT</u>	See Schedule RRA starting on Sheet D-157.00.
<u>TAX CUTS AND JOBS ACT OF 2017</u>	See Schedule TCJA starting on Sheet D-158.00.

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~201102~~1541

D3. SMALL COMM & IND SERVICE – OPTIONAL TIME-OF-USE

Cg-OTOU-1M

AVAILABILITY

This schedule is available upon written request on a voluntary basis for service to small commercial and industrial customers who qualify for rate Schedules Cg-1M, ~~Cg-2M, or~~ Cg-3M, ~~or Cg-4M~~. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST and not required to receive service under rate schedule PSDS.

Customers taking service on the Cg-OTOU-1M rate as of the effective date of the Commission Order in Case No. U-13688, that qualify for ~~CP-1M~~ CP-1M by exceeding 100 ~~kW-kW~~ of demand or 25,000 ~~kwh-kWh~~ for three consecutive months prior to September 1, 2004, have the option to remain on the applicable energy only rate. These customers will be subject to the following ~~customer-fixed~~ charges: ~~\$255.00/month or~~ \$8.3836/day for year-round ~~fixed customer~~ charge or a ~~\$510/month or~~ \$16.7671/day seasonal ~~fixed customer~~ charge.

This schedule is available to customers who are not required to take service under the Power Supply Default Service (PSDS). Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charge under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

MONTHLY RATE

Distribution Service

Fixed Charge

Daily

\$0.8219

Monthly

~~\$25.00~~

Year-round customers

\$1.6438

~~\$50.00~~

Seasonal customers

Energy Charge

On-Peak:

All kWh at ~~\$0.052290-03700~~

Off-Peak:

All kWh at ~~\$0.013070-00925~~

Power Supply Service (Optional)

Energy Charge

On-Peak: All kWh at

Capacity

~~\$0.074200-09829~~

Non-Capacity

~~\$0.091190-11621~~

Total

~~\$0.165390-21450~~

Off-Peak: All kWh at

~~\$0.041350-05362~~

PRICING PERIOD DEFINITIONS

On-Peak Periods

The following periods on Monday, Tuesday, Wednesday, Thursday, and Friday, excluding holidays:

1. Summer (Calendar Months of May - September)

Option 1: 9:00 AM to 7:00 PM

Option 2: 10:00 AM to 8:00 PM

2. Winter (Calendar Months of October - April)

Option 1: 8:00 AM to 12:00 noon and 4:00 PM to 9:00 PM

Option 2: 9:00 AM to 12:00 noon and 4:00 PM to 10:00 PM

Customer must choose the same option number during both the winter and summer periods.

Off-Peak Periods

All hours not included as on-peak hours above.

HOLIDAYS

The days of the year which are considered holidays are New Year's Day, Good Friday, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Friday After Thanksgiving, Day Before Christmas, Christmas Day, and Day Before New Year's Day.

(Continued on Sheet No. D-116.00)

Issued ~~April 25, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~November 30, 2017~~
in Case No. U-~~1825321541~~

D3. SMALL COMM & IND SERVICE – OPTIONAL TIME-OF-USE
(Continued from Sheet No. D-115.00)

Cg-OTOU-1M

MINIMUM CHARGE

The monthly minimum charge is the fixed charge plus the energy waste reduction charge.

SPECIAL TERMS AND PROVISIONS

1. This rate schedule will apply for a minimum of one year from the date consumption under this tariff is initiated.
2. A customer must remain on a selected pricing period option for a minimum period of one year from the date consumption under this tariff is initiated or from the date a pricing period option change becomes effective.
3. Any customer choosing to be served on this rate schedule thereby waives all rights to any billing adjustments arising from a claim that the bill for the customer's service would be cheaper on any alternative rate schedule for any period of time.
4. The meter must be located outside or in a location that is readily accessible by Company personnel during normal working hours.

POWER SUPPLY COST RECOVERY CLAUSE See Schedule PSCR starting on Sheet ~~D-100.00~~D-3.00

SHORT TERM SERVICE See Schedule CgXM starting on Sheet D-109.00

ANNUAL MINIMUM CHARGE See Schedule CgXM starting on Sheet D-109.00

SEASONAL BILLING See Schedule CgXM starting on Sheet D-109.00

SPACE HEATING See Schedule CgXM starting on Sheet D-110.00

WATER HEATING See Schedule CgXM starting on Sheet D-110.00

STANDBY SERVICE See Schedule CgXM starting on Sheet D-110.00

PARALLEL GENERATION See Schedule PGM starting on Sheet D-137.00

ENERGY WASTE REDUCTION See Schedule EWR starting on Sheet ~~D-156.00~~D-5.00

RATE REALIGNMENT ADJUSTMENT See Schedule RRA starting on Sheet D-157.00.

~~TAX CUTS AND JOBS ACT OF 2017 See Schedule TCJA starting on Sheet D-158.00.~~

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

Reserved for Future Use

~~D3. SMALL COMMERCIAL & INDUSTRIAL SERVICE DIRECT CONTROL RIDER Cg DCM~~

~~EFFECTIVE IN: All territory served when there is adequate signal strength for implementing load control.~~

AVAILABILITY

- ~~— This service is available to small commercial and industrial customers with central air conditioners and/or electric water heaters. The above appliances may be electrically cycled or disconnected *at the sole discretion of* the company in accordance with the rules of this rider.~~
- ~~— Availability may be denied where in the judgment of the company installation of load control equipment is impractical.~~
- ~~— Availability is subject to the ability of the company to obtain and install the required load control equipment.~~
- ~~— Availability will normally be denied for the control of electric water heaters:
 - ~~1. for electric water heaters with less than 40 gallons of capacity, or~~
 - ~~2. where:
 - ~~a. a separate controller is required for the water heater; and,~~
 - ~~b. the company or another utility supplies natural gas service to the customer.~~~~~~
- ~~— A customer shall not simultaneously be receiving credits for water heater control under this rider and taking service under controlled service for water heaters under Schedule Cg-OTOU, Optional Time of Use.~~
- ~~— Customers taking Power Supply Service under rate schedule RAST are not eligible for this service.~~

MONTHLY RATE

- ~~— In addition to receiving the billing credits for direct load control stated below, customers are responsible for all applicable charges and clauses of the appropriate small commercial and industrial service rate schedule.~~

MONTHLY CREDIT – AIR CONDITIONERS (AC) AND WATER HEATERS (WH)

Control

Option Control Type

- ~~— 1 AC Cycling \$0.00/Mo.*~~
- ~~— 2 AC 100% Load Shed/Cycling \$8.00/Mo.*~~
- ~~— 3 WH 100% Load Shed/Cycling \$3.00/Mo.~~

~~*Credit only during calendar months of June, July, August and September.~~

SEASONAL BILLING

Air Conditioners

- ~~— Winter seasonal customers billed for November through April shall not be eligible for monthly credits for the direct control of central air conditioners.~~

WATER HEATING

- ~~— The monthly credit for seasonal water heating customers shall only be applied in those months when a customer charge is billed under the rate schedule under which the customer receives service. This would normally be the six month seasonal billing period.~~

CONTROL OPTIONS

- ~~— Customers may be controlled during any calendar month. The customer shall select at least one of the following control options:
 - ~~Option 1 – Air Conditioner Cycling: The central air conditioner may be electrically cycled from 5 to 20 minutes "off" out of every 30 minutes for normally no more than 100 "off" hours per calendar year. The degree of cycling will depend on the situation.~~~~

(Continued on Sheet No. D-118.00)

Issued ~~August 31, 2021~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~August 12, 2021~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~August 11, 2021~~
in Case No. U-~~210372~~ 1541

D3. — SMALL COMMERCIAL & INDUSTRIAL SERVICE — DIRECT CONTROL RIDER — Cg-DCM
(Continued on Sheet No. D-117.00)

CONTROL OPTIONS (Cont.)

~~Option 2 — Air Conditioner 100% Load Shed:~~ The central air conditioner may be electrically disconnected a maximum of 8 hours per day at the Company's sole discretion. The central air conditioner will normally be electrically disconnected for no more than 50 hours per calendar year.

~~Option 3 — Water Heater 100% Load Shed:~~ The water heater may be electrically disconnected for a maximum of 8 hours per day at the Company's sole discretion.

TESTING

~~At the sole discretion of the company,~~ equipment may be electrically disconnected for a maximum of one hour per day. The water heater will normally be electrically disconnected for no more than 100 hours per calendar year.

DEFINITIONS

~~Load Shedding — Complete interruption of designated load for the duration of the interruption.~~

~~Cycling — 50% interruption, in alternating on/off cycles, of designated load for the duration of the interruption.~~

~~Normal service interruptions are not included in the determination of the above hours of control in a calendar year.~~

TERMS AND CONDITIONS

- ~~1. If a customer decides to terminate control or change to another control option, the company will endeavor to implement the change as soon as practical.~~
- ~~2. Prior to the installation of load control devices, the company may inspect the customer's electrical equipment to insure good repair and working condition, but the company shall not be responsible for the repair or maintenance of the electrical equipment.~~
- ~~3. The company will install, own, and maintain the load management devices controlling the customer's air conditioner and/or water heater. No notice is provided prior to the company cycling or disconnecting the customer's air conditioner and/or water heater. The customer must allow the company reasonable access to install, maintain, inspect, test and remove load control devices. Inability of the company to gain access to the load management device to perform any of the above activities for a period exceeding 30 days may, at the company's option, result in discontinuance of monthly billing credits under this rate schedule until such time as the company is able to gain the required access. If, due to the customer's actions, the air conditioner and/or water heater cannot be cycled or disconnected, the penalty will be \$3.50 per kilowatt-hour for all energy recorded during those periods when the customer's air conditioner and/or water heater should have been cycled or disconnected plus the customer's share of actual costs and penalties assessed to the utility by MISO, ATC, and other regulatory bodies.~~

SPECIAL RULES

Air Conditioners

- ~~1. Multiple central air conditioning units serving the same business must all be installed with load control devices to qualify for service under this rate schedule.~~
- ~~2. The load control device will control the air conditioning compressor. The furnace air circulating fan will not be controlled.~~

Water Heaters

- ~~1. Multiple water heating units serving the same business must all be installed with load control devices to qualify for service under this rate schedule.~~
- ~~2. The electrical circuit to the water heater shall be limited to no more than 30 amps.~~

Issued August 31, 2021

T. T. Eidukas

Vice President,

Milwaukee, Wisconsin

Effective for service rendered on and
after August 12, 2021

Issued under authority of the
Michigan Public Service Commission
dated August 11, 2021
in Case No. U-21037

D4. LARGE COMMERCIAL & INDUSTRIAL SERVICE

Cp-1M

EFFECTIVE IN: All territory served.

AVAILABILITY

This schedule is applicable to customers whose monthly demand is equal to or greater than 100 kW or 25,000 kWh/month for three consecutive months and others taking standby service. This schedule is also available to small commercial and industrial customers who contract for service under the Cp-1 Interruptible Rider. This service is not available for customers required to take service under the Power Supply Default Service. Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charges under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

The transmission rates are available to customers that take service directly from a company-owned substation (i.e. Company owns no distribution facilities downstream of substation). For customers that meet this condition, a monthly charge of ~~\$0.490~~0.53/kVA of installed substation transformer capacity as determined by the company shall apply.

MONTHLY RATE

<u>Distribution Service</u>	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>
<u>Fixed Charge:</u>			
Monthly	\$142.00	\$673.00	\$990.00
Daily	\$4.6685	\$22.1260	\$32.5479
<u>Demand Charge</u>			
1. <u>Customer Demand</u> : \$/kW	\$2.95 <u>3.18</u>	\$2.39 <u>2.22</u>	\$0.00
Per kW of maximum demand during the current and preceding 11 months, plus,			
2. <u>On-Peak Demand</u>			
a. <u>Winter (Oct-May)</u> : \$/kW	\$1.23 <u>1.14</u>	\$1.23 <u>1.14</u>	\$1.23 <u>1.14</u>
10:00 AM to 8:00 PM; Monday through Friday (except holidays)			
b. <u>Summer (Jun-Sep)</u> : \$/kW	\$1.23 <u>1.14</u>	\$1.23 <u>1.14</u>	\$1.23 <u>1.14</u>
10:00 AM to 11:00 PM; Monday through Friday (except holidays)			
<u>Power Supply Service (Optional)</u>	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>
<u>On-Peak Demand</u>			
a. <u>Winter (Oct-May)</u> : \$/kW			
10:00 AM to 8:00 PM; Monday through Friday (except holidays)			
Capacity	\$16.64 <u>7.50</u>	\$16.27 <u>7.33</u>	\$16.05 <u>7.23</u>
Non-Capacity	\$0.00 <u>5.40</u>	\$0.00 <u>5.28</u>	\$0.00 <u>5.21</u>
Total	\$16.64 <u>12.90</u>	\$16.27 <u>12.61</u>	\$16.05 <u>12.44</u>
b. <u>Summer (Jun-Sep)</u> : \$/kW			
10:00 AM to 11:00 PM; Monday through Friday (except holidays)			
Capacity	\$16.64 <u>7.50</u>	\$16.27 <u>7.33</u>	\$16.05 <u>7.23</u>
Non-Capacity	\$0.00 <u>5.40</u>	\$0.00 <u>5.28</u>	\$0.00 <u>5.21</u>
Total	\$16.64 <u>12.90</u>	\$16.27 <u>12.61</u>	\$16.05 <u>12.44</u>
<u>Energy Charge</u>	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>
1. <u>On-Peak</u>			
a. <u>Winter (Oct-May)</u> : \$/kWh	\$0.0780 <u>10.06</u> <u>197</u>	\$0.0757 <u>50.06</u> <u>017</u>	\$0.0748 <u>00.05</u> <u>942</u>
6:00 AM to 10:00 PM; Monday through Friday (except holidays)			
b. <u>Summer (Jun-Sep)</u> : \$/kWh	\$0.0780 <u>10.06</u> <u>197</u>	\$0.0757 <u>50.06</u> <u>017</u>	\$0.0748 <u>00.05</u> <u>942</u>
7:00 AM to 11:00 PM; Monday through Friday (except holidays)			

(Continued on Sheet No. D-120.00)

Issued ~~April 25, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~November 30, 2017~~
in Case No. U-~~182532~~1541

D4. LARGE COMMERCIAL & INDUSTRIAL SERVICE **Cp-1M**
(Continued from Sheet No. D-119.00)

<u>Energy Charge (Contd.)</u>	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>
2. <u>Off-Peak</u>			
a. <u>Winter (Oct-May):</u> \$/kWh 0.040440.03212	\$0.042170.03350	\$0.040950.03253	\$
10:00 PM to 6:00 AM; Monday through Friday, all day Saturday, Sunday, and holidays			
b. <u>Summer (Jun-Sep):</u> \$/kWh 0.040440.03212	\$ 0.042170.03350	\$ 0.040950.03253	\$
11:00 PM to 7:00 AM; Monday through Friday, all day Saturday, Sunday, and holidays			

Note: For a 10:00 PM change between on peak and off peak time periods in the Winter months, on peak consumption will be recorded through 10:00 PM. Off Peak consumption will begin at 10:00:01 PM as recorded by the meter.

MINIMUM CHARGE

The monthly minimum charge is the fixed charge, the demand charges, and the energy waste reduction charge.

POWER SUPPLY COST RECOVERY CLAUSE:

See Schedule PSCR.

PRIMARY & TRANSMISSION CHARGES

The customer shall provide a support for the company to terminate the primary conductors and install other required equipment. Customer owned substation equipment shall be operated and maintained by the customer. The support and substation equipment is subject to the company's inspection and approval.

ENERGY WASTE REDUCTION

See Schedule EWR starting on Sheet D-156.00

The above listed voltages are phase-to-ground for wye-connected company systems and phase-to-phase for delta-connected company systems.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

~~TAX CUTS AND JOBS ACT OF 2017~~

~~— See Schedule TCJA starting on Sheet D-158.00.~~

STANDBY SERVICE

Where service is made available to loads which can be served by a source of power other than the company's (excluding emergency standby maintained in the event of failure of company's supply), billing shall be at the above rate, but the monthly minimum demand charge (total of customer charge, on-peak demand charge, and substation transformer capacity charge) for standby service shall be not less than the following per kW of contracted demand:

Cp Secondary: \$3.50
Cp Primary: \$2.75
Cp Transmission: \$2.00

This standby service clause assumes that standby customers shall schedule normal maintenance of the customer-owned source of power during periods of the year that are satisfactory to the company. Accordingly, customers shall advise the company of planned maintenance with as much advance notice as possible. These waivers are granted on a conditional basis. The company will rescind the waiver of increased demand during times of emergency interruptions. The company shall confirm in writing the maintenance schedule that is satisfactory to both parties.

The portion of the on-peak demand shall be billed on a prorated basis on a \$/kW/day basis as shown below.

(Continued on Sheet No. D-121.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D4. LARGE COMMERCIAL & INDUSTRIAL SERVICE – INTERRUPTIBLE RIDER Cp-I

EFFECTIVE IN: All territory served.

AVAILABILITY

This schedule is available to both small and large commercial and industrial customers taking service under the Cp-1M rate schedule with a minimum interruptible demand of 200 kW* who contract for service in accordance with the provisions of this rider.

Customers taking Power Supply Service under rate schedule RAST are not eligible for this service.

* The actual interruptible demand shall equal or exceed 200 kW for a minimum of 8 monthly billing periods during each annual billing cycle ending with the December meter reading. A customer's contract will be terminated effective with the issuance of the December bill for failure to meet this annual requirement. To re-qualify for service under this rider, a customer must meet the 8 month requirement or prove to the company's satisfaction that an interruptible load of 200 kW can be attained on a regular basis.

MONTHLY RATE

Demand Charge

Contracted Notice Period: 1 hour

Maximum Contracted Hours of Interruption (Annual): 600

Secondary

Primary

Transmission

Distribution Service:

Charge Per kW of Maximum Interruptible Demand (2):

Summer/Winter

~~\$1.14~~\$1.23/~~\$1.23~~\$1.14

~~\$1.23~~\$1.14/~~\$1.23~~\$1.14

~~\$1.23~~\$1.14

~~1.14~~\$1.23~~1.14~~

Power Supply Service (Optional):

Charge Per kW of Maximum Interruptible Demand (2):

Summer/Winter

~~\$11.39~~7.65/~~\$11.39~~7.65

~~\$11.02~~7.36/~~\$11.02~~7.36

~~\$10.80~~7.19

~~7.19~~\$10.80~~7.19~~

Credit Per kW of Maximum Interruptible Demand (2):

Summer/Winter

\$5.25/\$5.25

\$5.25/\$5.25

\$5.25/\$5.25

1. This applies to all types of interruptions in any calendar year. See paragraphs 6, 7, and 8 of "Rules and Procedures."
2. The credit shall be subtracted from the Peak Load System Demand Charge of the Cp-1M rate schedule for determining the charge per kW to be applied to the customer's monthly maximum interruptible demand.

The customer shall contract for a minimum term of five years.

The company may at any time during a calendar year offer to customers the option of receiving an additional demand credit of \$0.40 per kW per interruption for any interruption which causes the maximum contracted hours of annual interruption to be exceeded. This additional demand credit will only apply in months where such an interruption actually occurs.

In addition to the following specifications of the system demand charge, interruptible customers shall be responsible for all applicable charges and clauses of the Cp-1M rate schedule.

(Continued on Sheet No. D-123.00)

Issued ~~April 11, 2017~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~April 24, 2017~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~April 23, 2015~~
in Case No. U-~~17669~~21541

D4. LARGE COMMERCIAL & INDUSTRIAL SERVICE – INTERRUPTIBLE RIDER Cp-I
(Continued from Sheet No. D-122.00)

RULES AND PROCEDURES

1. Contracted Demand Nominations

Customer shall contract for a given amount of firm and interruptible demand.

a. Variable Interruptible Demand

The contracted firm demand shall be billed as the system demand at the appropriate system demand charge. Any excess monthly demands above the firm demand shall be considered as variable interruptible demand.

b. Nomination Revisions: Demand nominations shall be revised at least annually on or before ~~April~~ January 15th to cover the first succeeding calendar year and before September 15th to cover the second through the fifth succeeding calendar years. Said revision shall delete data for expired demand nominations and add additional nominations to cover a complete 60 month period. On any revision the renomination of any demands for any year shown in a previous nomination or revision of a previous nomination is permitted; provided however, that said revision cannot include any of the following except as allowed in paragraph 1.f., unless otherwise approved by the company:

- a decrease in firm demand; or
- a decrease in variable interruptible demand in conjunction with a comparable increase in firm demand;

The company shall approve all requests for increases in firm demand, subject to the conditions of paragraph 9.

Should a customer fail to supply a revised demand nomination for the next year on or before April 15th, the customer's demand nomination on file with the Company for the next year shall be used for both billing and interruptible compliance verification.

Should a customer fail to supply revised nominations for years 2-5 on or before September 15th, nominations previously made for years 2-4 will be used and the year 4 nomination will be used for the new year 5 nomination.

c. Termination of Contract: Unless mutually agreed otherwise by the parties, the contract shall be in effect for a minimum initial term of five years, and from year to year thereafter unless the company or the customer shall, at least 48 months before the end of such period or any one year period thereafter, serve upon the other party a written notice of election to terminate service at the end of such designated period.

Customers have the option, upon proper written notice as set forth below and subject to the availability of sufficient capacity resources, to terminate contract(s) entered into under this Interruptible Rider offered by the company and return load serviced under this rider to firm service. The customer can terminate a contract at no cost if the market price for short term capacity to service the load being transferred to firm service is less than the interruptible credit in the tariff under which the customer's interruptible load is being service. If such cost of replacement capacity exceeds the interruptible credit, the customer can terminate this rider by paying, up-front, the product of the difference in the two costs for the number of months remaining under customer's interruptible contract times the customer's highest on-peak billed interruptible demand during the most recent 12 month period. Any customer which has a dispute with the Company pertaining to the cost of replacement capacity has the right to appeal this dispute to the Public Service Commission.

Customers must notify company of their intention to terminate any contract entered into under an Interruptible Rider two months prior to the termination effective date. Termination with less than two months notification will be permitted, but will be subject to a one-time penalty equal to the penalty in \$/s /kW for non-interruption in the appropriate interruptible rider times the highest on-peak billed interruptible demand(s) during the most recent 12 month period.

(Continued on Sheet No. D-124.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~ 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

D6. MUNICIPAL POWER-SEWAGE DISPOSAL & WATER PUMPING

Mp-1M

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available for operation of sewage disposal systems and water pumping systems. This schedule is available to customers who are not required to take service under the Power Supply Default Service (PSDS). Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule, unless the customer's Alternative Electric Supplier has not secured generation capacity for the customer, then that customer shall be responsible for the Capacity Power Supply charge under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

MONTHLY RATE

Distribution Service

Customer-Fixed Charge

Daily	<u>Monthly</u>
\$1.6438	<u>1.3151</u>
	\$50.00

Energy Charge

All kWh:	<u>\$0.046100-01471</u>
----------	-------------------------

Power Supply Service (Optional)

<u>Energy Charge</u>	<u>Capacity</u>	<u>Non-Capacity</u>	<u>Total</u>
All kWh:	<u>\$0.031800-02727</u>	<u>\$0.057800-05993</u>	<u>\$0.089600-08720</u>

MINIMUM CHARGE

The monthly minimum charge is the fixed charge plus the energy waste reduction charge.

POWER SUPPLY COST RECOVERY CLAUSE

See Schedule PSCR.

SPECIAL RULES

1. Each metering point shall be billed as a separate customer.
2. The entire energy requirements for each meter point shall be supplied by the company, except such energy that the customer may generate from sewage gas and such power that the customer may supply in case of failure of the service supplied by the company.

POWER SUPPLY COST RECOVERY CLAUSE See Schedule PSCR starting on Sheet D-3.00

ENERGY WASTE REDUCTION: See Schedule EWR starting on Sheet No. ~~D-156.00~~ D-5.00

RATE REALIGNMENT ADJUSTMENT: See Schedule RRA starting on Sheet D-157.00.

~~TAX CUTS AND JOBS ACT OF 2017:~~ See Schedule TCJA starting on Sheet D-158.00.

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D7. OUTDOOR OVERHEAD LIGHTING SERVICE – COMPANY-OWNED (CLOSED)

Ls-1M

EFFECTIVE IN All territory served.

AVAILABILITY

Facilities in this section are available to all classes of customers who desire company owned lighting service. *This option is closed to new customers effective January 1, 2015.*

MONTHLY RATE

<u>Fixture Type</u>	<u>Lamp Type</u>	<u>Lumens</u>	<u>Watts</u>	<u>\$/Month</u>	
				<u>Full Requirements</u>	<u>Retail Access*</u>
Cobra Head	Sodium Vapor	9,000	100	\$11.75 <u>13.75</u>	\$12.07 <u>10.32</u>
Cobra Head	Sodium Vapor	14,000	150	\$15.34 <u>13.11</u>	\$13.48 <u>11.52</u>
Cobra Head	Sodium Vapor	27,000	250	\$18.85 <u>16.11</u>	\$16.55 <u>14.15</u>
Cobra Head	Sodium Vapor	45,000	400	\$26.43 <u>22.59</u>	\$23.22 <u>19.85</u>
Area-Power Bracket	Sodium Vapor	9,000	100	\$12.05 <u>10.30</u>	\$11.22 <u>9.59</u>
Area-Power Bracket	Sodium Vapor	14,000	150	\$16.12 <u>13.78</u>	\$15.01 <u>12.83</u>
Directional-Flood	Sodium Vapor	27,000	250	\$24.64 <u>21.06</u>	\$22.94 <u>19.61</u>
Directional-Flood	Sodium Vapor	45,000	400	\$29.48 <u>25.20</u>	\$27.46 <u>23.47</u>
Directional-Flood	Metal Halide	36,000	400	\$29.47 <u>25.19</u>	\$27.45 <u>23.46</u>
Directional-Flood	Metal Halide	110,000	1,000	\$53.38 <u>45.63</u>	\$49.72 <u>42.50</u>

*Capacity Energy Charge for all Lamps: ~~\$0.0229~~40.02943/kWh (For customers taking service under the Retail Access Service Tariff (RAST) only if their Alternative Electric Supplier has not secured generation capacity for the customer.)

The above charges are for lighting standard facilities on existing company-owned distribution poles. The company will own and install the standard facilities.

If the non-standard facilities shown below are requested, the customer has the option to pay the charges upfront or pay the monthly charges shown below. These charges are in addition to the monthly rates shown above.

<u>Non-Standard Facilities</u>	<u>Monthly Charge</u>
Galvanized Mast Arm in excess of 6 feet	\$0.14 <u>0.16</u> / ft
Additional Wood Pole (30', 35' or 40')*	\$3.61 <u>3.09</u> / pole
Span of Conductor	\$1.68 <u>1.44</u> / span

* The additional wood pole charges shall apply to fixtures that cannot be attached to an existing company pole. Street lights installed for governmental authorities under the Ms-1M rate schedule prior to April 1, 2015, are exempt from the exclusive use wood pole charges.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

TAX CUTS AND JOBS ACT OF 2017

~~See Schedule TCJA starting on Sheet D-158.00.~~

ORNAMENTAL FACILITIES

The Company offers specific Company-owned ornamental lighting facilities that are available to all customers under a special contract.

The customer is obligated to make a special facilities payment upon installation of the facilities equal to:

- the "cost difference" between the cost of the ornamental facilities and cost of the standard lighting facilities, and
- a payment in advance for maintenance equal to 24% of the "cost difference" payment above for ornamental facilities.

(Continued on Sheet No. D-133.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D7. OUTDOOR OVERHEAD LIGHTING SERVICE – CUSTOMER-OWNED (CLOSED)
(Continued from Sheet No. D-133.00)

Ls-1M

AVAILABILITY

Facilities in this section are available to municipal customers who desire customer owned lighting service. This option is closed to new customers effective January 1, 2015.

MONTHLY RATE

<u>Fixture Type</u>	<u>Lamp Type</u>	<u>Lumens</u>	<u>Watts</u>	<u>Full Requirements</u>	<u>\$/Month</u>	<u>Retail Access*</u>
Cobra Head	Sodium Vapor	9,000	100	\$ 8,269.66		\$ 8,497.26
Cobra Head	Sodium Vapor	14,000	150	\$ 10,248.75		\$ 9,007.69
Cobra Head	Sodium Vapor	27,000	250	\$ 13,481.52		\$ 11,841.12
Cobra Head	Sodium Vapor	45,000	400	\$ 18,101.54		\$ 15,901.59
LED	LED	9,000*	100*	\$ 7,536.44		\$ 6,625.66
LED	LED	14,000*	150*	\$ 10,929.33		\$ 9,598.20
LED	LED	27,000*	250*	\$ 14,301.22		\$ 12,561.74
LED	LED	45,000*	400*	\$ 17,671.10		\$ 15,521.27

*Capacity Energy Charge for all Lamps: ~~\$0.02267~~0.02943/kWh (For customers taking service under the Retail Access Service Tariff (RAST) only if their Alternative Electric Supplier has not secured generation capacity for the customer.)

*The wattages and lumens listed under the LED lamps are wattages and lumens of sodium vapor lamps to which the LED lamps are considered equivalent. Actual wattages and lumens of LED lamps may vary.

RATE REALIGNMENT ADJUSTMENT

See Schedule RRA starting on Sheet D-157.00.

TAX CUTS AND JOBS ACT OF 2017

~~See Schedule TCJA starting on Sheet D-158.00.~~

TERMS AND PROVISIONS

Customer Owned Lighting Systems

1. Service Rules

- The customer shall own the system, including switching equipment and the connecting cable to the Company's system.
- Systems must be of a design and in a condition satisfactory to the Company.
- Replacement of customer owned equipment, otherwise called out in the maintenance section, shall be at the expense of the customer.
- The system may be served by either multiple or series type circuits as agreed upon between the customer and the Company.
- The customer must make the Company aware of any changes the customer makes to poles and fixtures after initial installation. This includes but is not limited to changes in location and wattage.
- Additional Service rules listed on Sheet D-135.00.

2. Extension Of Service

Additional lights will be served at any location designated under the same rates, terms, and conditions, provided the additional units are not more expensive for the Company to operate and maintain.

3. Maintenance

- The following items are considered normal maintenance of customer owned ornamental lighting and will be replaced or maintained at Company expense within the contract:

(Continued on Sheet No. D-135.00)

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D7. OUTDOOR OVERHEAD LIGHTING SERVICE – CUSTOMER-OWNED (CLOSED)
(Continued from Sheet No. D-135.00)

Ls-1M

4. Short Term Service Holiday/Decorative Lighting

Subject to Company approval, the Company will allow municipal customers to make temporary attachments of holiday lighting and/or decorations on Company-owned or customer-owned light poles. The customers must execute an annual agreement for such attachments, and must meet all conditions thereof. Estimated energy consumptions will be billed under the current Cg-1M energy rate. Time and material charges for installation, removal or associated maintenance may also apply.

5. Energy Waste Reduction

See Schedule EWR, starting on Sheet ~~D-156.00~~ D-5.00

Issued ~~June 7, 2018~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2018~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 30, 2018~~
in Case No. U-~~2011021541~~

D9. PARALLEL GENERATION-NET METERING PROGRAM (Closed to New Customers) PG-1M

EFFECTIVE IN: All territory served.

AVAILABILITY

Available to retail customers taking full requirements service with renewable electric generation facilities that are interconnected with the Company's power supply and rated at 20 kW and less, where customer's delivery offsets retail electric consumption at the same site. If a customer has more than one electric generator, the generator's rating(s) shall be summed and the sum may not exceed 20 kW.

The Company's Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company's previous year's peak demand measured in kW for the Company's retail load, allocated to include no more than 0.5% for customers generating 20 kW or less. The remaining 0.5% is allocated to customers generating more than 20 KW.

The Company's Net Metering Program application fee is \$25.

MONTHLY RATES

Distribution Charges:

A customer enrolled in the Net Metering Program shall pay the Distribution Charges associated with the Company's standard service tariff applicable to the customer when the customer's net usage results in a net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer shall be credited based on the Excess Generation rate below.

Power Supply Charges:

A customer enrolled in the Net Metering Program shall pay the Power Supply Charges associated with the Company's standard service tariff applicable to the customer when the customer's net usage results in a net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer shall be credited based on the Excess Generation rate below.

Excess Generation:

Excess generation shall be credited at the customer's applicable standard tariff's full retail rate (distribution service plus power supply service). The credit shall appear on the customer's next bill. Any credit not used to offset current charges shall be carried forward for use in subsequent billing periods.

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 cost. Only the incremental cost above that for meter(s) provided by the Company to similarly situated non-generating customers shall be paid by the eligible customer. Generator meters will be supplied to the customer, at the customer's request, at cost.

(Continued on Sheet No. D-139.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

D9. PARALLEL GENERATION-NET METERING PROGRAM (*Closed to New Customers*) PG-1M
(Continued from Sheet No. D-138.00)

TERMS AND CONDITIONS

1. 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:
 - a. Biomass
 - b. Solar and solar thermal energy
 - c. Wind energy
 - d. Kinetic energy of moving water, including the following:
 - i. Waves, tides or currents
 - ii. Water released through a dam
 - e. Geothermal energy
 - f. Municipal solid waste
 - g. Landfill gas produced by municipal solid waste.
2. The generation equipment must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirements for electricity.
3. At the customer's option, the customer's electric needs shall be determined by one of the following methods:
 - a. The customer's annual energy usage, measured in kWh, during the previous 12-month period.
 - b. When metered demand is available, the maximum integrated hourly demand measured in kW during the previous 12-month period.
 - c. In instances where complete and correct data is not available or where the customer is making changes on-site that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's electric needs.
4. At the customer's option, the generation capacity shall be determined by one of the following methods:
 - a. Aggregate nameplate capacity of the generator(s).
 - b. An estimate of the expected annual kWh output of the generator(s).

Customer's shall not be allowed to switch their generation back and forth between two or more rate schedules to circumvent the intent of the rate design.

5. A customer using biomass blended with fossil-fuel as their renewable energy source must submit proof to the Company substantiating the percentage of the 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.
6. If a customer has more than one generator, the generator's ratings shall be summed. This sum shall be at 20 kW or less.
7. The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual kilowatt-hour output of the generating unit when completing the Company's Net Metering Application.
8. The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules ([R460.601a – 460.656](#)) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service.

9. Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

D9. PARALLEL GENERATION – MODIFIED NET METERING PROGRAM (*Closed to New Customers*) PG-1AM

EFFECTIVE IN: All territory served.

AVAILABILITY

Available to retail customers taking full requirements service with renewable electric generation facilities that are interconnected with the Company's power supply and rated at greater than 20 kW and not more than 150 kW, where customer's delivery offsets retail electric power supply at the same site. If a customer has more than one electric generator, the generator's rating(s) shall be summed and the sum may not exceed 150 kW.

The Company's Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company's previous year's peak demand measured in kW for the Company's retail load, allocated to include no more than 0.25% for customers generating at greater than 20 kW and not more than 150 kW.

MONTHLY RATES

Distribution Charges:

A customer enrolled in the Modified Net Metering Program shall pay the Distribution Charges at the Company's standard service tariff applicable to the customer for the customer's total consumption of energy from the Company to the customer.

Power Supply Charges:

A customer enrolled in the Modified Net Metering Program shall pay the Power Supply Charges associated with the Company's standard service tariff applicable to the customer.

Energy Charges:

Charges that are related to a \$/kWh charge will be charged when the customer's net usage results in a monthly net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer's \$/kWh charges shall be credited based on the Excess Generation rate below.

Demand Charges:

The customer shall pay the demand charge associated with the Company's standard service tariff applicable to the customer for the customer's total consumption of energy from the Company to the customer.

Excess Generation:

Excess generation shall be credited at the customer's applicable standard tariff's power supply service energy charges (\$/kWh). The credit shall appear on the customer's next bill. Any credit not used to offset current charges shall be carried forward for use in subsequent billing periods.

METERING

The Company may determine the customer's usage using the customer's existing meter if it has 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 measuring power flow in both directions, 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 cost. Only the incremental cost above that for meter(s) provided by the Company to similarly situated non-generating customers shall be paid by the eligible customer. Generator meters will be provided by the Company. The cost of the generator meter shall be considered a cost of operating the net metering program.

Costs And Fees

The Company's Modified Net Metering Program has the following fees and costs:

Application fee:	\$25
Interconnection application fee:	\$75
Engineering Review:	\$0
Distribution Study:	Actual Costs or Maximum Approved by the Commission
Distribution Upgrades:	Actual Costs or Maximum Approved by the Commission

(Continued on Sheet No. D-140.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

D9. PARALLEL GENERATION – MODIFIED NET METERING PROGRAM *(Closed to New Customers)* **PG-1AM**
(Continued from Sheet No. D-139.00)

Costs And Fees (Cont.)

Company Testing and Inspection fee: \$0
All Interconnection Costs: Actual Costs or Maximum Approved by the Commission

TERMS AND CONDITIONS

1. 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:
 - a. Biomass
 - b. Solar and solar thermal energy
 - c. Wind energy
 - d. Kinetic energy of moving water, including the following:
 - i. Waves, tides or currents
 - ii. Water released through a dam
 - e. Geothermal energy
 - f. Municipal solid waste
 - g. Landfill gas produced by municipal solid waste.
2. The generation equipment must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirements for electricity.
3. At the customer's option, the customer's electric needs shall be determined by one of the following methods:
 - a. The customer's annual energy usage, measured in kWh, during the previous 12-month period.
 - b. When metered demand is available, the maximum integrated hourly demand measured in kW during the previous 12-month period.
 - c. In instances where complete and correct data is not available or where the customer is making changes on-site that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's electric needs.
4. At the customer's option, the generation capacity shall be determined by one of the following methods:
 - a. Aggregate nameplate capacity of the generator(s).
 - b. An estimate of the expected annual kWh output of the generator(s).Customer's shall not be allowed to switch their generation back and forth between two or more rate schedules to circumvent the intent of the rate design.
5. A customer using biomass blended with fossil-fuel as their renewable energy source must submit proof to the Company substantiating the percentage of the 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.
6. If a customer has more than one generator, the generator's ratings shall be summed. This sum shall be greater than 20 kW and not more than 150 kW.
7. The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual kilowatt-hour output of the generating unit when completing the Company's Net Metering Application.
8. The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules ([R460.601a – 460.656](#)) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service.
- 8-9. Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

D9. PARALLEL GENERATION – METHANE DIGESTERS (Closed to New Customers) PG-1BM

EFFECTIVE IN: All territory served.

AVAILABILITY

Available to retail customers taking full requirements service with methane digester facilities that are interconnected with the Company's power supply and rated at greater than 150 kW and not more than 550 kW, where customer's delivery offsets retail electric power supply at the same site. If a customer has more than one electric generator, the generator's rating(s) shall be summed and the sum may not exceed 550 kW.

The Company's Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company's previous year's peak demand measured in kW for the Company's retail load, allocated to include no more than 0.25% for customers generating at greater than 150 kW and not more than 550 kW.

MONTHLY RATES

Distribution Charges

A customer enrolled in this program shall pay the Distribution Charges at the Company's standard service tariff applicable to the customer for the customer's imputed customer consumption. Imputed customer consumption is 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.

Power Supply Charges

A customer enrolled in this program shall pay the Power Supply Charges associated with the Company's standard service tariff applicable to the customer.

Energy Charges

Charges that are related to a \$/kWh charge will be charged when the customer's net usage results in a monthly net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer's \$/kWh charges shall be credited based on the Excess Generation rate below.

Demand Charges

The customer shall pay the demand charges (\$/KW) associated with the Company's standard service tariff applicable to the customer for the customer's imputed customer consumption. Imputed customer consumption is 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.

Excess Generation

Excess generation shall be credited at the customer's applicable standard tariff's power supply service energy charges (\$/kWh). The credit shall appear on the customer's next bill. Any credit not used to offset current charges shall be carried forward for use in subsequent billing periods.

METERING

The Company will utilize a meter or meters capable of measuring the flow of energy in both directions and generator output. If the company uses the customer's existing meter, the Company shall test and calibrate the meter to assure accuracy in both directions. If meter upgrades or modifications are required, the customer shall pay the costs incurred.

Costs And Fees

The Company's Modified Net Metering Program has the following fees and costs:

Application fee:	\$25
Interconnection application fee:	\$75
Engineering Review:	\$0
Distribution Study:	Actual Costs or Maximum Approved by the Commission
Distribution Upgrades:	Actual Costs or Maximum Approved by the Commission
Company Testing and Inspection fee:	\$0
All Interconnection Costs:	Actual Costs or Maximum Approved by the Commission

(Continued on Sheet No. D-142.00)

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

D9. PARALLEL GENERATION – METHANE DIGESTERS (Closed to New Customers) PG-IBM
(Continued from Sheet No. D-141.00)

TERMS AND CONDITIONS

1. A renewable energy resource consisting of one or more methane digesters with an aggregate name plate capacity between 150 KW and 550 KW located on the customer's premises and metered at a single point of contact.
2. The generation equipment must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirements for electricity.
3. At the customer's option, the customer's electric needs shall be determined by one of the following methods:
 - a. The customer's annual energy usage, measured in kWh, during the previous 12-month period.
 - b. When metered demand is available, the maximum integrated hourly demand measured in kW during the previous 12-month period.
 - c. In instances where complete and correct data is not available or where the customer is making changes on-site that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's electric needs.
4. At the customer's option, the generation capacity shall be determined by one of the following methods:
 - a. Aggregate nameplate capacity of the generator(s).
 - b. An estimate of the expected annual kWh output of the generator(s).

Customer's shall not be allowed to switch their generation back and forth between two or more rate schedules to circumvent the intent of the rate design.
5. A customer using biomass blended with fossil-fuel as their renewable energy source must submit proof to the Company substantiating the percentage of the 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.
6. If a customer has more than one generator, the generator's ratings shall be summed. This sum shall be greater than 150 kW and not more than 550 kW.
7. The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual kilowatt-hour output of the generating unit when completing the Company's Net Metering Application.
8. The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules ([R460.601a – 460.656](#)) and the Company's Michigan Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. All requirements must be met prior to commencing service.
9. ***Under MCL 460.1183 and MCL 460.6a(14), any customer participating in a net metering program may continue under their current tariff for 10 years from original participation date or may opt to receive service under the Distributed Generation Program – DG-1.***

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~1806121541~~

D9. PARALLEL GENERATION-PURCHASE BY WPSC-STANDARD OFFER

PG-2M

EFFECTIVE IN: All territory served.

AVAILABILITY

To customers contracting for electric service who satisfy the requirements of "qualifying facility" status under Part 292 of the Federal Energy Regulatory Commission's regulations under the Public Utility Regulatory Policies Act of 1978, generating electrical energy with total customer owned generating capacity of 550 KW or less, and desiring to sell electrical energy to the Company. Customers are not required to take electric service deliveries from the Company. Customers shall enter into a five, ten, fifteen or twenty year service agreement with the Company. Customers with generation capacity of 30 KW or less have the option of selling energy to the Company under this PG-2M tariff or the PG-1M tariff.

- (1) QFs with generation design capacity at or below 150 kW shall be eligible to receive compensation based on the Company's full avoided cost rates including capacity and energy, regardless of the Company's capacity need as determined and approved by the Commission in its Order in Case No. U-21081.
- (2) QFs with generation design capacity between 150 kW and 550 kW shall be eligible to receive compensation for energy at the Company's avoided energy cost rate as outlined below. The Commission's Order in Case No. U-21081 determined that the Company did not have a capacity need; therefore, no capacity payment will be payable to systems with a design capacity above 150 kW.

MONTHLY RATES

~~Customer-Fixed~~ Charge: ~~\$12.00/Month~~ \$0.3945/Day

Charges for Deliveries from Company

Deliveries from the Company to the customer shall be billed in accordance with the standard applicable rate schedules of the Company.

Avoided Energy Cost Rate for Deliveries to Company

For all energy supplied by the customer to the Company, the customer shall receive an energy payment equal to the kilowatt-hours supplied to the Company multiplied by the following energy rate:

<u>Year</u>	<u>Energy Rate</u> <u>\$/kWh</u>
2021	\$0.02718
2022	\$0.06439
2023	\$0.06567
2024	\$0.06699
2025	\$0.06834
2026	\$0.06969
2027	\$0.07108
2028	\$0.07252
2029	\$0.07396

Customers shall receive the applicable energy credits shown above for their initial five years (60 months) of service under this tariff, thereafter, the on-peak energy credit shall equal the average of the on-peak Day Ahead Locational Marginal Prices ("DA LMP") at the WPS.WPSM load zone node, and the off-peak energy credit shall equal the average of the off-peak DA LMP at the WPS.WPSM load zone node. The rates shall be reset annually on January 1 of each year based on the hourly average DA LMP at the WPS.WPSM load zone node of the most recently completed November 1 to October 31 period.

(Continued on Sheet No. D-144.00)

Issued ~~July 19, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~May 12, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~May 12, 2022~~
in Case No. U-~~21081~~ 21541

D9. PARALLEL GENERATION-PURCHASE BY WPSC-STANDARD OFFER
(Continued from Sheet No. D-143.00)

PG-2M

MONTHLY RATES (cont.)

Capacity Payment

QFs with generation design capacity at or below 150 kW shall receive a capacity payment reflecting the most recent Midcontinent Independent System Operator ("MISO") capacity auction market result in the relevant Local Resource Zone if the customer generation capacity can be counted as capacity in the MISO Capacity Auction (Resource Adequacy) market. The capacity price will be updated each June 1 to reflect the most recent year-round auction clearing price in MISO. The current on-peak rate until May 31, 2024 will be \$0.00083/kWh. If the MISO capacity auction deviates from its current annual format, the applicable capacity price will be calculated from the most recently cleared capacity seasons spanning a 12 month period.

Renewable Premium

At the Company's sole discretion, a premium to be paid on a per kWh basis may be applied to generators that generate a renewable credit that is transferred to the Company. Customers retain the right to refuse a renewable premium and keep the renewable credits or tags. Premiums are to be set when the contract is signed and will not change during the contract period.

Distribution Loss Factors

The following factors shall be applied to the on-peak and off-peak energy factors and capacity payments to reflect system losses:

Customers metered at a transmission voltage of 50,000 volts or higher:	1.0000
Customers metered at a primary voltage of 4,160 volts - 50,000 volts:	1.0096
Customers metered at a secondary voltage of less than 4,160 volts:	0.9885

Line loss savings will be evaluated on a case by case basis.

ON-PEAK HOURS

Winter (calendar months of October through May): 7:00 AM to 10:00 PM; Monday through Friday (except holidays).

Summer (calendar months of June through September): 7:00 AM to 11:00 PM; Monday through Friday (except holidays).

OFF-PEAK HOURS

All hours not listed as on-peak hours

HOLIDAYS

The days of the year which are considered holidays are: New Year's Day, Good Friday, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Friday After Thanksgiving, Day Before Christmas, Christmas Day, and the Day Before New Year's Day.

MINIMUM CHARGE

The monthly minimum charge shall be the ~~customer-fixed~~ charge.

PRO-RATION OF DEMAND COST FOR AUTHORIZED MAINTENANCE

For customers billed on rates with demand charges, the demand charges other than "Customer Demand" shall be prorated if the maintenance schedule of the customer owned generation facility has been approved in advance in writing by the Company. Said pro-ration shall be based on the number of authorized days of scheduled maintenance. The customer shall pay the demand rate for the higher than normal demands due to the generation outage only for the days of authorized maintenance.

(Continued on Sheet No. D-144.01)

Issued ~~July 20, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~June 1, 2023~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated ~~May 12, 2022~~
in Case No. U-~~21084~~ 21541

D9. PARALLEL GENERATION-PURCHASE BY WPSC

PG-3M

EFFECTIVE IN: All territory served.

AVAILABILITY

To customers contracting for electric service who satisfy the requirements of "qualifying facility" status under Part 292 of the Federal Energy Regulatory Commission's regulations under the Public Utility Regulatory Policies Act of 1978, generating electrical energy with total customer owned generating capacity of 5,000 KW or less, and desiring to sell electrical energy to the Company. Customers are not required to take electric service deliveries from the Company. Customers shall enter into a five, ten, fifteen or twenty year service agreement with the Company. Customers with generation capacity of 550 kW or less have the option of selling energy to the Company under this PG-3M tariff or PG-2M tariff. The Commission's Order in Case No. U-21081 determined that the Company did not have a capacity need; therefore, no capacity payment will be payable to systems with a design capacity above 150 kW.

MONTHLY RATES

Customer-Fixed Charge: \$12.00/Month \$0.3945/Day

Avoided Energy Cost Rate

For all energy supplied by the customer to the Company, the customer shall receive an energy payment equal to the kilowatt-hours supplied to the Company multiplied by the following energy rate:

Year	Energy Rate \$/kWh
2021	\$0.02718
2022	\$0.06439
2023	\$0.06567
2024	\$0.06699
2025	\$0.06834
2026	\$0.06969
2027	\$0.07108
2028	\$0.07252
2029	\$0.07396

Customers shall receive the applicable energy credit shown above for their initial five years (60 months) of service under this tariff, thereafter, the Customer will be compensated at the DA LMP at WPS.WPSM load zone node expressed in \$/kWh for every hour.

Renewable Premium

At the Company's sole discretion, a premium to be paid on a per kWh basis may be applied to generators that generate a renewable credit that is transferred to the Company. Customers retain the right to refuse a renewable premium and keep the renewable credits or tags. Premiums are to be set when the contract is signed and will not change during the contract period.

Distribution Loss Factors

The following factors shall be applied to the energy factors and capacity payments to reflect system losses:

Customers metered at a transmission voltage of 50,000 volts or higher:	1.0000
Customers metered at a primary voltage of 4,160 volts - 50,000 volts:	1.0096
Customers metered at a secondary voltage of less than 4,160 volts:	0.9885

Line loss savings will be evaluated on a case by case basis.

Continued on Sheet No. D-146.00)

Issued July 19, 2022
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after May 12, 2022 January 1, 2025

Issued under authority of the
Michigan Public Service Commission
Dated May 12, 2022
in Case No. U-21081 21541

Reserved for Future Use

~~D12. TRAILER PARK SERVICE (CLOSED)~~

~~PSDS~~

~~(Continued from Sheet No. D-154.00)~~

~~EFFECTIVE IN All territory served.~~

~~AVAILABILITY~~

~~— This schedule is available to the operator of any trailer park where such service was being billed under this schedule as of 4-15-66 and has been billed at the same location under this schedule continuously since that date but is not available to operators of groups of cottages or cabins or to motor courts or motels where the nature, number, and size of electric energy consuming devices are under the ownership or nominal control of the operator.~~

~~RATE~~

~~— The standard rate applicable to the type of service taken and effective in the area where such service is rendered.~~

~~CONDITIONS~~

~~— Trailer park operators will take and pay for all service through a single company-owned meter and will furnish the distribution system necessary to bring service to each trailer lot. Such distribution system will be so operated and maintained by the operator as to cause no interference with service to other customers of the company.~~

~~— The trailer park operator may include electric service as an incident to rent for trailer space without specific charge therefore, or he may submeter it through his own meters and rebill it to the tenants. If submetering is practiced, the operator will furnish electric service to his tenants at rates not exceeding the company's rate for residential electric service effective in the territory in which the trailer park is located.~~

Issued ~~December 21, 2016~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after January 1, ~~2017~~2025

Issued under authority of the
Michigan Public Service Commission
dated ~~December 9, 2016~~
in Case No. U-~~18061~~21541

Reserved for Future Use

D12. ENERGY WASTE REDUCTION (EWR) EWR

ENERGY WASTE REDUCTION SURCHARGE

This surcharge permits, pursuant to Section 91(4) of 2008 PA 295, as amended by 2016 PA 342, the adjustment of distribution rates, via the application of an Energy Waste Reduction (EWR) Surcharge, to allow recovery of the energy waste reduction alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295, as amended by 2016 PA 342.

All customer bills subject to the provisions of this tariff, including any bills rendered under special contract, shall be adjusted by the Energy Waste Reduction (EWR) Surcharge per kWh or Customer as follows:

<u>RATE SCHEDULE</u>	<u>EWR Rate, per kWh</u>	<u>+</u>	<u>Distribution Energy Charge, per kWh</u>	<u>=</u>	<u>TOTAL Distribution Energy per kWh</u>
Rg-1M	<u>0.00250</u>	<u>+</u>	<u>0.03433</u>	<u>=</u>	<u>0.03683</u>
RG-OTOU-1M: on-peak	<u>0.00250</u>	<u>+</u>	<u>0.05704</u>	<u>=</u>	<u>0.05954</u>
RG-OTOU-1M: off-peak	<u>0.00250</u>	<u>+</u>	<u>0.01426</u>	<u>=</u>	<u>0.01676</u>

<u>RATE SCHEDULE</u>	<u>Customers without Self-Directed Plan</u> <u>EWR Rate, per day, per meter</u>	<u>OR</u>	<u>Customers with Self-Directed Plan</u> <u>EWR Rate, per day per meter</u>	<u>+</u>	<u>Distribution Fixed Charge, daily</u>	<u>=</u>	<u>Customers without Self-Directed Plan</u> <u>TOTAL Distribution Fixed Charge, daily</u>	<u>OR</u>	<u>Customers with Self-Directed Plan</u> <u>TOTAL Distribution Fixed Charge, daily</u>
Cg-1M	<u>0.09530</u>	<u>OR</u>	<u>0.01020</u>	<u>+</u>	<u>0.82190</u>	<u>=</u>	<u>0.91720</u>	<u>OR</u>	<u>0.83210</u>
Cg-1M Seasonal	<u>0.19060</u>	<u>OR</u>	<u>0.02040</u>	<u>+</u>	<u>1.64380</u>	<u>=</u>	<u>1.83440</u>	<u>OR</u>	<u>1.66420</u>
Cg-OTOU-1M	<u>0.09530</u>	<u>OR</u>	<u>0.01020</u>	<u>+</u>	<u>0.82190</u>	<u>=</u>	<u>0.91720</u>	<u>OR</u>	<u>0.83210</u>
Cg-OTOU-1M Seasonal	<u>0.19060</u>	<u>OR</u>	<u>0.02040</u>	<u>+</u>	<u>1.64380</u>	<u>=</u>	<u>1.83440</u>	<u>OR</u>	<u>1.66420</u>
Cg-3M	<u>1.29500</u>	<u>OR</u>	<u>0.12970</u>	<u>+</u>	<u>1.31510</u>	<u>=</u>	<u>2.61010</u>	<u>OR</u>	<u>1.44480</u>
Cg-3M Seasonal	<u>2.59000</u>	<u>OR</u>	<u>0.25940</u>	<u>+</u>	<u>2.63010</u>	<u>=</u>	<u>5.22010</u>	<u>OR</u>	<u>2.88950</u>
Cg-3M—option to remain	<u>1.29500</u>	<u>OR</u>	<u>0.12970</u>	<u>+</u>	<u>8.38360</u>	<u>=</u>	<u>9.67860</u>	<u>OR</u>	<u>8.51330</u>
Cg-3M Seasonal—option to remain	<u>2.59000</u>	<u>OR</u>	<u>0.25940</u>	<u>+</u>	<u>16.76710</u>	<u>=</u>	<u>19.35710</u>	<u>OR</u>	<u>17.02650</u>
Cp-1M (Secondary)	<u>2.53340</u>	<u>OR</u>	<u>0.24440</u>	<u>+</u>	<u>4.66850</u>	<u>=</u>	<u>7.20190</u>	<u>OR</u>	<u>4.91290</u>
Cp-1M (Primary)	<u>2.53340</u>	<u>OR</u>	<u>0.24440</u>	<u>+</u>	<u>22.12600</u>	<u>=</u>	<u>24.65940</u>	<u>OR</u>	<u>22.37040</u>
Cp-1M (Transmission <10MW)	<u>98.70220</u>	<u>OR</u>	<u>9.59080</u>	<u>+</u>	<u>32.54790</u>	<u>=</u>	<u>131.25010</u>	<u>OR</u>	<u>42.13870</u>
Cp-1M (Transmission >10MW)	<u>340.71540</u>	<u>OR</u>	<u>43.50110</u>	<u>+</u>	<u>32.54790</u>	<u>=</u>	<u>373.26330</u>	<u>OR</u>	<u>76.04900</u>

Issued ~~May 13, 2022~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and after ~~June 1, 2022~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~May 12, 2022~~
in Case No. U-20880-21541

Reserved for Future Use

D12. ENERGY WASTE REDUCTION (EWR) EWR

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
Rate Schedule	<u>EWR Rate, per day, per meter</u>	OR	<u>EWR Rate, per day, per meter</u>	+	<u>Distribution Customer Charge, daily</u>	=	<u>TOTAL Distribution Customer Charge, daily</u>	OR	<u>TOTAL Distribution Customer Charge, daily</u>
Mp-1M	<u>1.29500</u>	OR	<u>0.12970</u>	+	<u>1.64380</u>	=	<u>2.93880</u>	OR	<u>1.77350</u>

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
<u>Rs 1M</u>	<u>EWR, per month, per lamp</u>	OR	<u>EWR, per month, per lamp</u>	+	<u>Rate per month, per lamp, Full Requirements</u>	=	<u>TOTAL Rate per month, per lamp, Full Requirements</u>	OR	<u>TOTAL Rate per month, per lamp, Full Requirements</u>
<u>Cobra Head</u>									
400: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>11.75</u>	=	<u>12.09</u>	OR	<u>11.78</u>
450: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>13.11</u>	=	<u>13.45</u>	OR	<u>13.14</u>
250: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>16.11</u>	=	<u>16.45</u>	OR	<u>16.14</u>
400: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>22.59</u>	=	<u>22.93</u>	OR	<u>22.62</u>
<u>Area Power Bracket</u>									
400: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>10.30</u>	=	<u>10.64</u>	OR	<u>10.33</u>
450: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>13.78</u>	=	<u>14.12</u>	OR	<u>13.81</u>
<u>Directional Flood</u>									
250: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>21.06</u>	=	<u>21.40</u>	OR	<u>21.09</u>
400: Sodium Vapor	<u>0.34</u>	OR	<u>0.03</u>	+	<u>25.20</u>	=	<u>25.54</u>	OR	<u>25.23</u>
400: Metal Halide	<u>0.34</u>	OR	<u>0.03</u>	+	<u>25.19</u>	=	<u>25.53</u>	OR	<u>25.22</u>
4000: Metal Halide	<u>0.34</u>	OR	<u>0.03</u>	+	<u>45.63</u>	=	<u>45.97</u>	OR	<u>45.66</u>

Issued	Effective for service rendered on and
T. T. Eidukas	after January 1, 2025
Vice-President,	
Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated
	in Case No. U-21541

Reserved for Future Use

D12. ENERGY WASTE REDUCTION (EWR)

EWR

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
<u>Ls-1M</u>	<u>EWR Rate, per month, per lamp</u>	<u>OR</u>	<u>EWR Rate, per month, per lamp</u>	<u>±</u>	<u>Rate per month, per lamp, Retail Access</u>	<u>=</u>	<u>TOTAL Rate per month, per lamp, Retail Access</u>	<u>OR</u>	<u>TOTAL Rate per month, per lamp, Retail Access</u>
<u>Cobra Head</u>									
400: Sodium Vapor	0.34	OR	0.03	±	10.32	=	10.66	OR	10.35
150: Sodium Vapor	0.34	OR	0.03	±	11.52	=	11.86	OR	11.55
250: Sodium Vapor	0.34	OR	0.03	±	14.15	=	14.49	OR	14.18
400: Sodium Vapor	0.34	OR	0.03	±	19.85	=	20.19	OR	19.88
<u>Area Power Bracket</u>									
400: Sodium Vapor	0.34	OR	0.03	±	9.59	=	9.93	OR	9.62
150: Sodium Vapor	0.34	OR	0.03	±	12.83	=	13.17	OR	12.86
<u>Directional Flood</u>									
250: Sodium Vapor	0.34	OR	0.03	±	19.61	=	19.95	OR	19.64
400: Sodium Vapor	0.34	OR	0.03	±	23.47	=	23.81	OR	23.50
400: Metal Halide	0.34	OR	0.03	±	23.46	=	23.80	OR	23.49
1000: Metal Halide	0.34	OR	0.03	±	42.50	=	42.84	OR	42.53

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
<u>Ls-1M (Closed)</u>	<u>EWR, per month, per lamp</u>	<u>OR</u>	<u>EWR, per month, per lamp</u>	<u>±</u>	<u>Rate per month, per lamp, Full Requirements</u>	<u>=</u>	<u>TOTAL Rate per month, per lamp, Full Requirements</u>	<u>OR</u>	<u>TOTAL Rate per month, per lamp, Full Requirements</u>
<u>Cobra Head</u>									
400: Sodium Vapor	0.34	OR	0.03	±	8.26	=	8.60	OR	8.29
150: Sodium Vapor	0.34	OR	0.03	±	8.75	=	9.09	OR	8.78
250: Sodium Vapor	0.34	OR	0.03	±	11.52	=	11.86	OR	11.55
400: Sodium Vapor	0.34	OR	0.03	±	15.47	=	15.81	OR	15.50
<u>LED</u>									
400: LED	0.34	OR	0.03	±	6.44	=	6.78	OR	6.47
150: LED	0.34	OR	0.03	±	9.33	=	9.67	OR	9.36
250: LED	0.34	OR	0.03	±	12.22	=	12.56	OR	12.25
400: LED	0.34	OR	0.03	±	15.10	=	15.44	OR	15.13

Issued	Effective for service rendered on and
T. T. Eidukas	after January 1, 2025
Vice-President,	
Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated
	in Case No. U-21541

Reserved for Future Use

D12. ENERGY WASTE REDUCTION (EWR)

EWR

	<u>Customers without Self- Directed Plan</u>		<u>Customers with Self- Directed Plan</u>				<u>Customers without Self- Directed Plan</u>		<u>Customers with Self- Directed Plan</u>
	<u>EWR Rate, per month, per lamp</u>	OR	<u>EWR Rate, per month, per lamp</u>	+	<u>Rate per month, per lamp, Retail Access</u>	=	<u>TOTAL Rate per month, per lamp, Retail Access</u>	OR	<u>TOTAL Rate per month, per lamp, Retail Access</u>
<u>Es 1M (Closed)</u>	-	-	-	-	-	-	-	-	-
<u>Cobra Head</u>	-	-	-	-	-	-	-	-	-
400: Sodium Vapor	0.34	OR	0.03	+	7.26	=	7.60	OR	7.29
150: Sodium Vapor	0.34	OR	0.03	+	7.69	=	8.03	OR	7.72
250: Sodium Vapor	0.34	OR	0.03	+	10.12	=	10.46	OR	10.15
400: Sodium Vapor	0.34	OR	0.03	+	13.59	=	13.93	OR	13.62
<u>LED</u>									
400: LED	0.34	OR	0.03	+	5.66	=	6.00	OR	5.69
150: LED	0.34	OR	0.03	+	8.20	=	8.54	OR	8.23
250: LED	0.34	OR	0.03	+	10.74	=	11.08	OR	10.77
400: LED	0.34	OR	0.03	+	13.27	=	13.61	OR	13.30

Issued	Effective for service rendered on and
T. T. Eidukas	after January 1, 2025
Vice-President,	
Milwaukee, Wisconsin	Issued under authority of the
	Michigan Public Service Commission
	dated
	in Case No. U-21541

D13. RATE REALIGNMENT ADJUSTMENT (RRA)

RRA

The Rate Realignment Adjustment (RRA) permits, pursuant to MCL 460.11(6), the adjustment of rates to ~~move rates to cost of service~~ unify the WEPCo and WPS Rate Zones provided the rates remain consistent with the costs to provide service.

For customers that purchase power supply service from the Company, the RRA per kWh below is applicable. Customers taking service under the Retail Access Service Tariff (RAST) are not subject to the RRA.

RATE REALIGNMENT ADJUSTMENT

Rate Schedule	\$/kWh
Rg-1M	\$0.01185
RG-OTOU-1M	(\$0.00285)
Cg-1M	(\$0.01642)
Cg-3M	(\$0.00927)
CG-OTOU-1M	(\$0.03517)
Cp-1M	(\$0.00144)
Mp-1M	(\$0.00071)
Ls-1M (Street)	\$0.00329
Ls-1M (Private)	<u>\$0.03352</u>

<u>Rate Schedule</u>	<u>2025</u> <u>\$/kWh</u>	<u>2026</u> <u>\$/kWh</u>	<u>2027</u> <u>\$/kWh</u>	<u>2028</u> <u>\$/kWh</u>	<u>2029</u> <u>\$/kWh</u>	<u>2030</u> <u>\$/kWh</u>	<u>2031</u> <u>\$/kWh</u>	<u>2032</u> <u>\$/kWh</u>	<u>2033</u> <u>\$/kWh</u>
<u>Rg1</u>	<u>\$0.00041</u>	<u>\$0.00036</u>	<u>\$0.00031</u>	<u>\$0.00025</u>	<u>\$0.00020</u>	<u>\$0.00015</u>	<u>\$0.00010</u>	<u>\$0.00005</u>	<u>\$0.00000</u>
<u>Rg-1M</u>	<u>(\$0.00848)</u>	<u>(\$0.00742)</u>	<u>(\$0.00636)</u>	<u>(\$0.00530)</u>	<u>(\$0.00424)</u>	<u>(\$0.00318)</u>	<u>(\$0.00212)</u>	<u>(\$0.00106)</u>	<u>\$0.00000</u>
<u>Rg2</u>	<u>(\$0.00530)</u>	<u>(\$0.00464)</u>	<u>(\$0.00398)</u>	<u>(\$0.00331)</u>	<u>(\$0.00265)</u>	<u>(\$0.00199)</u>	<u>(\$0.00133)</u>	<u>(\$0.00066)</u>	<u>\$0.00000</u>
<u>Rg-OTOU-1M</u>	<u>(\$0.00258)</u>	<u>(\$0.00226)</u>	<u>(\$0.00193)</u>	<u>(\$0.00161)</u>	<u>(\$0.00129)</u>	<u>(\$0.00097)</u>	<u>(\$0.00064)</u>	<u>(\$0.00032)</u>	<u>\$0.00000</u>
<u>Cg1</u>	<u>\$0.00616</u>	<u>\$0.00539</u>	<u>\$0.00462</u>	<u>\$0.00385</u>	<u>\$0.00308</u>	<u>\$0.00231</u>	<u>\$0.00154</u>	<u>\$0.00077</u>	<u>\$0.00000</u>
<u>Cg-1M</u>	<u>(\$0.02049)</u>	<u>(\$0.01793)</u>	<u>(\$0.01537)</u>	<u>(\$0.01281)</u>	<u>(\$0.01024)</u>	<u>(\$0.00768)</u>	<u>(\$0.00512)</u>	<u>(\$0.00256)</u>	<u>\$0.00000</u>
<u>Cg2</u>	<u>\$0.03272</u>	<u>\$0.02863</u>	<u>\$0.02454</u>	<u>\$0.02045</u>	<u>\$0.01636</u>	<u>\$0.01227</u>	<u>\$0.00818</u>	<u>\$0.00409</u>	<u>\$0.00000</u>
<u>Cg-3M</u>	<u>(\$0.00178)</u>	<u>(\$0.00156)</u>	<u>(\$0.00134)</u>	<u>(\$0.00111)</u>	<u>(\$0.00089)</u>	<u>(\$0.00067)</u>	<u>(\$0.00045)</u>	<u>(\$0.00022)</u>	<u>\$0.00000</u>
<u>Mp-1M</u>	<u>(\$0.00178)</u>	<u>(\$0.00156)</u>	<u>(\$0.00134)</u>	<u>(\$0.00111)</u>	<u>(\$0.00089)</u>	<u>(\$0.00067)</u>	<u>(\$0.00045)</u>	<u>(\$0.00022)</u>	<u>\$0.00000</u>
<u>Cg5</u>	<u>\$0.00124</u>	<u>\$0.00108</u>	<u>\$0.00093</u>	<u>\$0.00077</u>	<u>\$0.00062</u>	<u>\$0.00046</u>	<u>\$0.00031</u>	<u>\$0.00015</u>	<u>\$0.00000</u>
<u>Cg-OTOU-1M</u>	<u>\$0.00618</u>	<u>\$0.00541</u>	<u>\$0.00463</u>	<u>\$0.00386</u>	<u>\$0.00309</u>	<u>\$0.00232</u>	<u>\$0.00154</u>	<u>\$0.00077</u>	<u>\$0.00000</u>
<u>Cg3</u>	<u>(\$0.00001)</u>	<u>(\$0.00001)</u>	<u>(\$0.00001)</u>	<u>(\$0.00000)</u>	<u>(\$0.00000)</u>	<u>(\$0.00000)</u>	<u>(\$0.00000)</u>	<u>(\$0.00000)</u>	<u>\$0.00000</u>
<u>Cp-1M</u> <u>(Secondary)</u>	<u>\$0.00191</u>	<u>\$0.00167</u>	<u>\$0.00143</u>	<u>\$0.00119</u>	<u>\$0.00096</u>	<u>\$0.00072</u>	<u>\$0.00048</u>	<u>\$0.00024</u>	<u>\$0.00000</u>
<u>Cp-1M</u> <u>(Primary)</u>	<u>\$0.00298</u>	<u>\$0.00261</u>	<u>\$0.00224</u>	<u>\$0.00186</u>	<u>\$0.00149</u>	<u>\$0.00112</u>	<u>\$0.00075</u>	<u>\$0.00037</u>	<u>\$0.00000</u>
<u>Cp-1M</u> <u>(Transmission)</u>	<u>\$0.00261</u>	<u>\$0.00228</u>	<u>\$0.00195</u>	<u>\$0.00163</u>	<u>\$0.00130</u>	<u>\$0.00098</u>	<u>\$0.00065</u>	<u>\$0.00033</u>	<u>\$0.00000</u>
<u>Cp1 (Medium)</u>	<u>\$0.00223</u>	<u>\$0.00196</u>	<u>\$0.00168</u>	<u>\$0.00140</u>	<u>\$0.00112</u>	<u>\$0.00084</u>	<u>\$0.00056</u>	<u>\$0.00028</u>	<u>\$0.00000</u>
<u>Cp3 (Medium)</u>	<u>(\$0.00071)</u>	<u>(\$0.00062)</u>	<u>(\$0.00053)</u>	<u>(\$0.00044)</u>	<u>(\$0.00035)</u>	<u>(\$0.00027)</u>	<u>(\$0.00018)</u>	<u>(\$0.00009)</u>	<u>\$0.00000</u>

Issued ~~March 15, 2023~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~April 24, 2023~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~April 23, 2015~~
in Case No. U-1766921541

Reserved for Future Use

D14. TAX CUTS AND JOBS ACT OF 2017 CREDIT (TCJA) TCJA

TCJA Credits and surcharges are applicable to the rate schedules as indicated below for customers that purchase power supply service from the Company. Customers shall receive the Credit A and Calculation C Credit until the Company is authorized new base rates in a general rate case proceeding.

		Calculation C Credit	
		Effective	
		July 1, 2020	Effective
		to Dec. 31, 2020	Jan. 1, 2021
Rate Schedule No.	Credit A	\$/kWh	\$/kWh
Rg 1M	(.00455)	(.00084)	(.00058)
RG OTOU 1M	(.00363)	(.00082)	(.00060)
Cg 1M	(.00363)	(.00086)	(.00067)
Cg 3M	(.00361)	(.00062)	(.00039)
Cg OTOU 1M	(.00343)	(.00073)	(.00057)
Cp 1M, Cp I	(.00110)	(.00020)	(.00014)
Mp 1M	(.00329)	(.00078)	(.00061)
Ls 1M	(.00800)	(.00162)	(.00118)

The following rate schedules shall receive a TCJA Credits and surcharges as indicated above consistent with the rate schedule under which the customer is served:

Rate Schedule No.
PG 1M
PG 1AM
PG 1BM

TCJA Credits and surcharges are applicable to the rate schedules as indicated below for customers taking service under the Retail Access Service tariff (RAS 1). Customers shall receive the Credit A and Calculation C Credit until the Company is authorized new base rates in a general rate case proceeding.

		Calculation C Credit	
		Effective	
		July 1, 2020	Effective
		to Dec. 31, 2020	Jan. 1, 2021
Rate Schedule No.	Credit A	\$/kWh	\$/kWh
Rg 1M	(.00163)	(.00019)	(.00019)
RG OTOU 1M	(.00111)	(.00013)	(.00013)
Cg 1M	(.00108)	(.00013)	(.00013)
Cg 3M	(.00055)	(.00010)	(.00006)
Cg OTOU 1M	(.00090)	(.00012)	(.00012)
Cp 1M	(.00017)	(.00003)	(.00002)
Mp 1M	(.00062)	(.00007)	(.00007)
Ls 1M	(.00570)	(.00066)	(.00066)

Issued ~~July 1, 2020~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~July 1, 2020~~ January 1, 2025

Issued under authority of the
Michigan Public Service Commission
dated ~~June 30, 2020~~
in Case No. U-~~203142~~ 1541

Rate Zone Unification Years

8

Line No.	Description	2025			2025			2026		
		Total Present Revenue	Total Proposed Revenue	2025 Forecasted kWh	Billed Unification Surcharge \$/kWh	Present	Average Rate Proposed	Proposed with Surcharge	Total Proposed Revenue	Proposed Increase/Decrease
1	Residential Flat Rate - R-g1	\$2,626,999	\$28,894,244	156,910,395	\$0.0041	\$0.15738	\$0.18357	\$0.18398	\$28,868,247	9.92%
2	Residential Flat Rate - R-g1M	\$10,003,500	\$11,527,869	62,798,019	(\$0.00848)	\$0.15930	\$0.18357	\$0.17509	\$10,995,412	9.92%
3										
4	Total	\$36,367,498	\$40,332,213	219,708,414					\$39,863,659	
5									\$58,569	
6										
7	Residential TOU - R-g2	\$658,282	\$750,156	4,966,043	(\$0.00530)	\$0.13256	\$0.15106	\$0.14575	\$723,819	9.96%
8	Residential TOU - R-g2OTOU-1M	\$252,527	\$299,270	1,281,157	(\$0.00258)	\$0.13504	\$0.15106	\$0.14848	\$294,161	9.96%
9	Total	\$925,809	\$1,049,425	6,247,200					\$1,017,980	
10										
11										
12	General Secondary Flat Rate - C-g1	\$11,228,956	\$11,814,639	71,690,941	\$0.00616	\$0.15663	\$0.16480	\$0.17096	\$12,256,516	9.15%
13	General Secondary Flat Rate - C-g1M	\$1,726,714	\$2,152,333	13,060,469	(\$0.02049)	\$0.13221	\$0.16480	\$0.14431	\$1,884,725	9.15%
14	Total*	\$12,955,670	\$13,966,971	84,751,410					\$14,141,241	
15										
16										
17	General Secondary Flat Rate - C-g2	\$178,056	\$157,291	1,132,503	\$0.03272	\$0.15722	\$0.13889	\$0.17161	\$194,350	9.15%
18	General Secondary Flat Rate - C-g3M & Mp-1M	\$1,254,231	\$1,386,797	9,984,681	(\$0.00178)	\$0.12562	\$0.13889	\$0.13711	\$1,369,005	9.15%
19	Total	\$1,432,286	\$1,544,089	11,117,184					\$1,563,355	
20										
21										
22	General Secondary TOU - C-g5	\$774,634	\$820,257	5,523,388	\$0.00124	\$0.14025	\$0.14851	\$0.14975	\$827,105	6.77%
23	General Secondary TOU - C-g5OTOU-1M	\$122,333	\$125,403	844,402	\$0.00618	\$0.14488	\$0.14851	\$0.15469	\$130,619	6.77%
24	Total	\$896,967	\$945,659	6,367,790					\$957,724	
25										
26	General Secondary Large TOU - C-g3	\$2,548,668	\$2,812,883	27,853,373	(\$0.00001)	\$0.09281	\$0.10099	\$0.10098	\$2,812,678	8.80%
27	General Primary TOU - Cp-1M (Secondary)	\$1,422,768	\$1,520,841	14,239,445	\$0.00191	\$0.09992	\$0.10680	\$0.10871	\$1,548,039	8.80%
28	Total*	\$4,007,836	\$4,333,724	42,092,818					\$4,360,717	
29										
30	General Primary TOU - Cp-1 (Medium)	\$365,087	\$388,847	4,308,697	\$0.00223	\$0.08473	\$0.09025	\$0.09248	\$398,475	9.15%
31	General Primary TOU - Cp-1M (Primary)	\$66,243	\$70,247	688,608	\$0.00298	\$0.09620	\$0.10201	\$0.10590	\$72,301	9.15%
32	Total*	\$431,329	\$459,094	4,997,215					\$470,776	
33										
34										
35	General Primary TOU Curtaileable - Cp3	\$7,908,479	\$8,450,926	98,401,635	(\$0.00071)	\$0.08037	\$0.08588	\$0.08517	\$8,381,122	5.98%
36	General Primary TOU - Cp-1M (Transmission)	\$9,331,263	\$9,563,408	124,958,536	\$0.00261	\$0.07467	\$0.07653	\$0.07914	\$9,888,936	5.98%
37	Total*	\$17,239,742	\$18,014,334	223,360,171					\$18,270,058	

*Total Power Supply Revenue and Sales Only

Line No.	Description	2027				2028				2029				2030			
		Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease	Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease	Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease	Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease
1	Residential Flat Rate - Rg1	\$0.0031	\$0.18388	\$28,852,246	-0.03%	\$0.0025	\$0.18383	\$28,844,246	-0.03%	\$0.0020	\$0.18378	\$28,836,245	-0.03%	\$0.0015	\$0.18372	\$28,828,245	-0.03%
2	Residential Flat Rate - Rg1M	(\$0.00636)	\$0.17721	\$11,128,552	0.60%	(\$0.0030)	\$0.17827	\$11,193,121	0.59%	(\$0.00424)	\$0.17933	\$11,261,691	0.59%	(\$0.00318)	\$0.18039	\$11,328,260	0.59%
3				\$39,980,798				\$40,037,367				\$40,097,566				\$40,156,505	
4	Total			\$88,569				\$88,569				\$88,569				\$88,569	
5																	
6	Residential TOU - Rg2	(\$0.00398)	\$0.14708	\$730,403	0.45%	(\$0.00331)	\$0.14774	\$733,695	0.45%	(\$0.00265)	\$0.14841	\$736,987	0.45%	(\$0.00199)	\$0.14907	\$740,279	0.44%
7	Residential TOU - Rg2	(\$0.00193)	\$0.14912	\$295,438	0.22%	(\$0.00161)	\$0.14945	\$296,077	0.22%	(\$0.00129)	\$0.14977	\$296,715	0.22%	(\$0.00097)	\$0.15009	\$297,354	0.21%
8	Residential TOU - Rg-OTOU-1M			\$1,025,941				\$1,023,772				\$1,023,705				\$1,023,703	
9	Total																
10																	
11																	
12	General Secondary Flat Rate - Cg1	\$0.00462	\$0.16942	\$12,146,047	-0.45%	\$0.00385	\$0.16865	\$12,090,812	-0.46%	\$0.00308	\$0.16788	\$12,035,577	-0.46%	\$0.00231	\$0.16711	\$11,980,343	-0.46%
13	General Secondary Flat Rate - Cg1M	(\$0.01537)	\$0.14943	\$1,951,627	1.71%	(\$0.01281)	\$0.15199	\$1,985,078	1.69%	(\$0.01024)	\$0.15455	\$2,018,529	1.66%	(\$0.00768)	\$0.15711	\$2,051,980	1.63%
14	Total*			\$14,097,674				\$14,075,890				\$14,054,106				\$14,032,322	
15																	
16																	
17	General Secondary Flat Rate - Cg2	\$0.02454	\$0.16343	\$185,085	-2.50%	\$0.02045	\$0.15934	\$180,453	-2.57%	\$0.01636	\$0.15525	\$175,820	-2.63%	\$0.01227	\$0.15116	\$171,188	-2.71%
18	General Secondary Flat Rate - Cg3M & Mp-1M	(\$0.00134)	\$0.13756	\$1,373,453	0.16%	(\$0.00111)	\$0.13778	\$1,375,677	0.16%	(\$0.00089)	\$0.13800	\$1,377,901	0.16%	(\$0.00067)	\$0.13822	\$1,380,125	0.16%
19	Total			\$1,558,538				\$1,556,130				\$1,553,722				\$1,551,313	
20																	
21																	
22	General Secondary TOU - Cg5	\$0.00093	\$0.14944	\$825,393	-0.10%	\$0.00077	\$0.14928	\$824,537	-0.10%	\$0.00062	\$0.14913	\$823,681	-0.10%	\$0.00046	\$0.14897	\$822,825	-0.10%
23	General Secondary TOU - Cg-OTOU-1M	\$0.00463	\$0.15314	\$129,315	-0.50%	\$0.00386	\$0.15237	\$128,663	-0.51%	\$0.00309	\$0.15160	\$128,011	-0.51%	\$0.00232	\$0.15083	\$127,359	-0.51%
24	Total			\$954,708				\$953,200				\$951,692				\$950,184	
25																	
26	General Secondary Large TOU - Cg3	(\$0.00001)	\$0.10098	\$2,812,729	0.00%	(\$0.00000)	\$0.10098	\$2,812,755	0.00%	(\$0.00000)	\$0.10099	\$2,812,780	0.00%	(\$0.00000)	\$0.10099	\$2,812,806	0.00%
27	General Primary TOU - Cp-1M (Secondary)	\$0.00143	\$0.10824	\$1,541,240	-0.22%	\$0.00119	\$0.10800	\$1,537,840	-0.22%	\$0.00096	\$0.10776	\$1,534,440	-0.22%	\$0.00072	\$0.10752	\$1,531,040	-0.22%
28	Total*			\$4,353,869				\$4,350,595				\$4,347,221				\$4,343,846	
29																	
30	General Primary TOU - Cp1 (Medium)	\$0.00168	\$0.09192	\$396,068	-0.30%	\$0.00140	\$0.09165	\$394,864	-0.30%	\$0.00112	\$0.09137	\$393,661	-0.31%	\$0.00084	\$0.09109	\$392,457	-0.31%
31	General Primary TOU - Cp-1M (Primary)	\$0.00224	\$0.10425	\$711,387	-0.36%	\$0.00186	\$0.10388	\$711,531	-0.36%	\$0.00149	\$0.10350	\$711,274	-0.36%	\$0.00112	\$0.10313	\$711,017	-0.36%
32	Total*			\$467,855				\$466,395				\$464,935				\$463,475	
33																	
34																	
35	General Primary TOU Curtaileable - Cp3	(\$0.00053)	\$0.08535	\$8,398,573	0.10%	(\$0.00044)	\$0.08544	\$8,407,298	0.10%	(\$0.00035)	\$0.08553	\$8,416,024	0.10%	(\$0.00027)	\$0.08562	\$8,424,749	0.10%
36	General Primary TOU - Cp-1M (Transmission)	\$0.00195	\$0.07849	\$9,897,554	-0.41%	\$0.00163	\$0.07816	\$9,765,863	-0.42%	\$0.00130	\$0.07784	\$9,726,172	-0.42%	\$0.00098	\$0.07751	\$9,685,481	-0.42%
37	Total*			\$18,206,127				\$18,174,101				\$18,142,196				\$18,110,230	

*Total Power Supply Revenue and Sales Only

Line No.	Description	2031				2032				2033			
		Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease	Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease	Incremental Unification Surcharge \$/kWh	Average Rate \$/kWh	Total Proposed Revenue	Proposed Increase/Decrease
1	Residential Flat Rate - Rg1	\$0.0010	\$0.18357	\$28,820,245	-0.03%	\$0.0005	\$0.18362	\$28,812,244	-0.03%	\$0.0000	\$0.18357	\$28,804,244	-0.03%
2	Residential Flat Rate - Rg1M	(\$0.0012)	\$0.18145	\$11,394,430	0.58%	(\$0.0010)	\$0.18251	\$11,461,400	0.58%	\$0.0000	\$0.18357	\$11,527,969	0.58%
3				\$40,215,075				\$40,273,644				\$40,332,213	
4	Total			\$88,569				\$88,569				\$88,569	
5													
6	Residential TOU - Rg2	(\$0.00133)	\$0.14973	\$743,572	0.44%	(\$0.00066)	\$0.15039	\$746,864	0.44%	\$0.0000	\$0.15106	\$750,156	0.44%
7	Residential TOU - Rg-OTOU-1M	(\$0.00064)	\$0.15041	\$297,992	0.21%	(\$0.00032)	\$0.15074	\$298,631	0.21%	\$0.0000	\$0.15106	\$299,270	0.21%
8				\$1,041,564				\$1,045,495				\$1,049,425	
9	Total												
10													
11	General Secondary Flat Rate - Cg1	\$0.00154	\$0.16634	\$11,925,108	-0.46%	\$0.00077	\$0.16557	\$11,869,873	-0.47%	\$0.0000	\$0.16480	\$11,814,639	-0.47%
12	General Secondary Flat Rate - Cg1M	(\$0.0012)	\$0.15968	\$2,085,431	1.60%	(\$0.00256)	\$0.16224	\$2,118,882	1.58%	\$0.0000	\$0.16480	\$2,152,333	1.55%
13				\$14,010,539				\$13,988,755				\$13,966,971	
14	Total*												
15													
16	General Secondary Flat Rate - Cg2	\$0.00818	\$0.14707	\$166,556	-2.78%	\$0.00409	\$0.14298	\$161,924	-2.86%	\$0.0000	\$0.13889	\$157,291	-2.95%
17	General Secondary Flat Rate - Cg-3M & Mp-1M	(\$0.00045)	\$0.13845	\$1,382,349	0.16%	(\$0.00022)	\$0.13867	\$1,384,573	0.16%	\$0.0000	\$0.13889	\$1,386,797	0.16%
18				\$1,548,905				\$1,546,497				\$1,544,089	
19	Total												
20													
21	General Secondary TOU - Cg5	\$0.00031	\$0.14882	\$82,1869	-0.10%	\$0.00015	\$0.14866	\$82,1113	-0.10%	\$0.0000	\$0.14851	\$820,257	-0.10%
22	General Secondary TOU - Cg-OTOU-1M	\$0.00154	\$0.15005	\$126,707	-0.51%	\$0.00077	\$0.14928	\$126,055	-0.52%	\$0.0000	\$0.14851	\$125,403	-0.52%
23				\$948,676				\$947,167				\$945,659	
24	Total												
25													
26	General Secondary Large TOU - Cg3	(\$0.00000)	\$0.10099	\$2,812,832	0.00%	(\$0.00000)	\$0.10099	\$2,812,837	0.00%	\$0.0000	\$0.10099	\$2,812,883	0.00%
27	General Primary TOU - Cp-1M (Secondary)	\$0.00048	\$0.10728	\$1,527,640	-0.22%	\$0.00024	\$0.10704	\$1,524,241	-0.22%	\$0.0000	\$0.10680	\$1,520,841	-0.22%
28	Total*			\$4,340,472				\$4,337,098				\$4,333,724	
29													
30	General Primary TOU - Cp1 (Medium)	\$0.00056	\$0.09081	\$391,254	-0.31%	\$0.00028	\$0.09053	\$390,050	-0.31%	\$0.0000	\$0.09025	\$388,847	-0.31%
31	General Primary TOU - Cp-1M (Primary)	\$0.00075	\$0.10276	\$70,560	-0.36%	\$0.00037	\$0.10239	\$70,504	-0.36%	\$0.0000	\$0.10201	\$70,247	-0.37%
32	Total*			\$462,014				\$460,554				\$459,094	
33													
34	General Primary TOU Curtaileable - Cp3	(\$0.00018)	\$0.08570	\$8,433,475	0.10%	(\$0.00009)	\$0.08579	\$8,442,200	0.10%	\$0.0000	\$0.08588	\$8,450,926	0.10%
35	General Primary TOU - Cp-1M (Transmission)	\$0.00065	\$0.07718	\$9,644,290	-0.42%	\$0.00033	\$0.07686	\$9,604,099	-0.42%	\$0.0000	\$0.07653	\$9,563,408	-0.43%
36	Total*			\$18,078,265				\$18,046,299				\$18,014,334	

*Total Power Supply Revenue and Sales Only

Attachment D
to Settlement Agreement
(MPSC Case No. U-21541)

Schedule F-6

Michigan Public Service Commission
Upper Michigan Energy Resources Corporation
Summary of Tariff Changes

Case No: U-21541
Exhibit No: A-16
Schedule F-6
Page: 1 of 2
Witness: James M. Beyer

<u>Tariff Sheet No.</u>	<u>Paragraph</u>	<u>Description of Changes</u>
C-104.00	Budget Billing	Remove references to Rg-DCM and Cg-DCM
C-123.00	Extension Allowances	Update extension allowances
C-124.00	Extension Allowances	Update extension allowances
D-1.00	Title	Remove reference to WEPCo Rate Zone
D-2.00	Rate Codes	Delete tariff and Reserve for Future Use
D-3.00	PSCR Factors	Modify loss and base factors
D-3.00	PSCR Factors	Combined WEPCo and WPSC Rate Zones
D-3.01	Adjusted Maximum PSCR Factors	Combined WEPCo and WPSC Rate Zones
D-4.00	Previous Year PSCR Factors	Combined WEPCo and WPSC Rate Zones
D-5.00 - D-6.05	Energy Waste Reduction	Combined WEPCo and WPSC Rate Zones
D-7.01	Tax Cuts and Jobs Act Credit	Deleted and Reserved for Future Use
D-8.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-9.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-11.00	Conditions of Delivery	Add Pg-2M, Pg-3M and Pg-4M to list of generation tariffs
D-12.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-13.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-14.00	Conditions of Delivery	Add Pg-2M, Pg-3M and Pg-4M to list of generation tariffs
D-15.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-17.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-21.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-22.00	Conditions of Delivery	Add Pg-2M, Pg-3M and Pg-4M to list of generation tariffs
D-23.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-26.00	Conditions of Delivery	Add Pg-2M, Pg-3M and Pg-4M to list of generation tariffs
D-27.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-29.00 and D-30.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-33.00 and D-34.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-40.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-44.00	Availability	Closed to New Customers
D-46.00	Availability	Closed to New Customers
D-48.00	Availability	Closed to New Customers
D-50.00 - D-51.03	Header	Open to both WEPCo and WPSC Rate Zones
D-50.00	Rate	Non-Standard Lighting Fixture option closed to new installations
D-51.00	Energy Charge	Added explanation on calculation of monthly energy charge
D-51.01	Conditions of Delivery	Added additional charges from Ls-1M tariff
D-51.01	Conditions of Delivery	Removed Non-Standard paragraph, renumbered
D-51.02 and D-51.03	Conditions of Delivery	Renumbered, moved #15 to D-51.02, Reserved for Future Use
D-58.00	Rate and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-60.01 and D-60.02	Monthly Rates and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-60.04 and D-60.05	Monthly Rates and Minimum Charge	Changed Facilities Charge to Fixed Charge
D-62.10 - D-62.50	Distributed Generation Tariff	Add new tariff
D-68.00	Rate	Changed Facilities Charge to Fixed Charge
D-79.00	Rate	Changed Facilities Charge to Fixed Charge
D-80.00	Rate	Changed Facilities Charge to Fixed Charge
D-100.00 - D101.00	PSCR (WPS Rate Zone)	Delete tariff and Reserve for Future Use, combined with WEPCo Rate Zone
D-104.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-105.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-106.00	Special Terms and Provisions	Update Sheet References
D-107.00 - D-108.00	Direct Control Rider	Eliminate tariff and Reserved for Future Use
D-111.00	Availability	Changed Customer Charge to Fixed Charge
D-111.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-111.00	Special Terms and Provisions	Update Sheet References
D-112.00	Special Terms and Provisions	Update Sheet References
D-113.00	Availability	Changed Customer Charge to Fixed Charge
D-113.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-113.00	Special Terms and Provisions	Update Sheet References
D-114.00	Special Terms and Provisions	Update Sheet References
D-115.00	Availability	Changed Customer Charge to Fixed Charge
D-115.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-116.00	Special Terms and Provisions	Update Sheet References
D-117.00 - D-118.00	Direct Control Rider	Eliminate tariff and Reserved for Future Use

Schedule F-6

Michigan Public Service Commission
Upper Michigan Energy Resources Corporation
Summary of Tariff Changes

Case No: U-21541

Exhibit No: A-16

Schedule F-6

Page: 2 of 2

Witness: James M. Beyer

D-119.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-120.00	Tax Cuts and Jobs Act Credit	Update Sheet References
D-123.00	Rules and Procedures	Changed demand nomination revision date
D-131.00	Monthly Rate	Remove Monthly Fixed Charge reference
D-131.00	Special Rules	Update Sheet References
D-132.00	Availability	Closed to New Customers
D-132.00	Tax Cuts and Jobs Act Credit	Update Sheet References
D-134.00	Tax Cuts and Jobs Act Credit	Update Sheet References
D-135.01	Energy Waste Reduction	Update Sheet References
D-143.00 and D-144.00	Monthly Rates and Minimum Charge	Changed Customer Charge to Fixed Charge
D-145.00	Monthly Rates	Changed Customer Charge to Fixed Charge
D-155.00	Trailer Park Service	Eliminate tariff and Reserved for Future Use
D-156.00 - D-156..03	Energy Waste Reduction	Reserved for Future Use, combined with WEPCo Rate Zone
D-158.00	Tax Cuts and Jobs Act Credit	Deleted and Reserved for Future Use


PROOF OF SERVICE

STATE OF MICHIGAN)

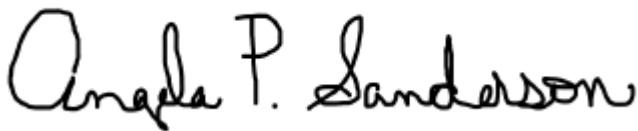
Case No. U-21541

County of Ingham)

Brianna Brown being duly sworn, deposes and says that on October 10, 2024 A.D. she electronically notified the attached list of this **Commission Order via e-mail transmission**, to the persons as shown on the attached service list (Listserv Distribution List).


Brianna Brown

Subscribed and sworn to before me
this 10th day of October 2024.



Angela P. Sanderson
Notary Public, Shiawassee County, Michigan
As acting in Eaton County
My Commission Expires: May 21, 2030

Service List for Case: U-21541

Name	On Behalf Of	Email Address
Benjamin J. Holwerda	Upper Michigan Energy Resources Corporation (UMERC)	holwerda@millercanfield.com
Heather M.S. Durian	MPSC Staff	durianh@michigan.gov
Holly L. Hillyer	Department of Attorney General	holly@tropospherelegal.com
James M. Varchetti	ALJs - MPSC	varchettij@michigan.gov
John R. Liskey	Citizens Utility Board of Michigan (CUB)	john@liskeypllc.com
Justin K. Ooms	Billerud Americas Corporation	jooms@potomacclaw.com
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Lori Mayabb	MPSC Staff	mayabbl@michigan.gov
Michael E. Moody	Department of Attorney General	moodym2@michigan.gov
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Paul M. Collins	Upper Michigan Energy Resources Corporation (UMERC)	collinsp@millercanfield.com
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