

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter, on the Commission's own motion,	)	
regarding the regulatory reviews, revisions,	)	
determinations, and/or approvals necessary for	)	Case No. U-21676
UPPER MICHIGAN ENERGY RESOURCES	)	
CORPORATION to fully comply with	)	
Public Act 295 of 2008, as amended.	)	
_____	)	

At the August 7, 2025 meeting of the Michigan Public Service Commission in Lansing,
Michigan.

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

ORDER APPROVING SETTLEMENT AGREEMENT

On March 12, 2025, Upper Michigan Energy Resources Corporation (UMERC) filed its application in this docket, with supporting testimony and exhibits, for authority to reconcile its energy waste reduction (EWR) costs and revenues for the 12-month period ended December 31, 2024.

A prehearing conference was held on May 7, 2025, before Administrative Law Judge Christopher S. Saunders (ALJ), at which the ALJ granted intervention to Tilden Mining Company L.C. UMERB and the Commission Staff also participated in the proceeding. Subsequently, the parties submitted a settlement agreement resolving all issues in the case.

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

notes that the settlement agreement as filed contains a typographical error on page 2. Specifically, Paragraph 5.b. states in pertinent part “and the 2024 EWR electric result is a total net under-recovery of \$78,453 including interest through December 31, 2023.” Settlement agreement, p. 2. As is clear from the remainder of that paragraph and the settlement agreement as a whole that the parties intended to reference December 31, 2024, the Commission finds that this error is *de minimus* and is corrected to reflect the proper year.

Notwithstanding the above, the Commission finds that the settlement agreement, with the above noted correction, is in the public interest, represents a fair and reasonable resolution of the proceeding, and should be approved.

THEREFORE, IT IS ORDERED that:

A. The settlement agreement, attached as Exhibit A and corrected by this order, is approved and the revised energy waste reduction surcharges set forth in Attachment 1 to the settlement agreement will take effect with the first billing month immediately following the issuance of this order.

B. Within 30 days of the date of this order, Upper Michigan Energy Resources Corporation shall file with the Commission tariff sheets substantially similar to Attachment 1 to the settlement agreement. After the tariff sheets have been reviewed and accepted by the Commission Staff for inclusion in Upper Michigan Energy Resources Corporation’s tariff books, Upper Michigan Energy Resources Corporation shall promptly file the final tariff sheets in this docket and serve all parties.

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 SheaC1@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

I abstain.

Shaquila Myers, Commissioner

By its action of August 7, 2025.

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-21676
CORPORATION for authority to reconcile the	)	
2024 electric and natural gas energy waste reduction	)	
<u>costs and revenues and related approvals.</u>	)	

SETTLEMENT AGREEMENT

As provided in § 78 of the Administrative Procedures Act of 1969 (“APA”), as amended, MCL 24.278, and Rule 431 of the Michigan Administrative Hearing System’s Administrative Hearing Rules, 2015 AC, R 792.10431, Upper Michigan Energy Resources Corporation (“UMERC”), Tilden Mining Company L.C. (“Tilden”), and the Michigan Public Service Commission Staff (“Staff”) hereby agree as follows:

1. On March 12, 2025, UMERC filed with the Michigan Public Service Commission (“Commission”) its application, along with the testimony and exhibits of its witnesses James M. Beyer and Diane J. Mier to reconcile its electric and gas energy waste reduction (“EWR”) revenues and costs for the 12-month period ending December 31, 2024.

2. On April 4, 2025, the Commission’s Executive Secretary issued a Notice of Hearing directing UMERC to mail a copy of the Notice of Hearing to all cities, incorporated villages, townships, and counties in its service area and to intervenors in Case Nos. U-21326, U-21541, and U-18061. The Commission further directed UMERC to publish the Notice of Hearing in daily newspapers of general circulation throughout its service area. UMERC filed with the Commission the affidavit of mailing and proofs of publication prior to the prehearing conference.

3. On May 7, 2025, Administrative Law Judge Christopher Saunders presided over a prehearing conference in this matter. Staff and the Company participated. Tilden's petition to intervene was granted.

4. Staff completed a financial audit of the 2024 plan year collections and costs reconciliation. Staff tested the general ledger accounts for surcharge revenue and payments to the state appointed EWR program administrator, Efficiency United, to the numbers filed in this case. Staff also sampled bill copies of customers to ensure the appropriate surcharges were billed to specific customer rate classes. Staff represents that the Efficiency United Report shows the programs, as a whole, met the legislative targets for both electric and natural gas in the 2024 plan year.

5. Subsequently, the parties engaged in settlement discussions and, as a result, reached agreement on all of the issues in this case. The parties to this settlement agreement agree as follows:

- a. UMERG made payments of \$114,983 and \$422,465 for its gas and WPSC Rate Zone electric service respectively, and \$3,083,114 for its WEPCO Rate Zone to the Independent Energy Waste Reduction Program Administrator in 2024.
- b. For the reconciliation of the 2024 EWR gas and WPSC Rate Zone electric revenues and payments, the 2024 EWR gas result is a total net under-recovery of \$59,542, including interest through December 31, 2024, and the 2024 EWR electric result is a total net under-recovery of \$78,453 including interest through December 31, 2023. These results shall be rolled into the beginning balance of the gas and electric WPSC Rate Zone

2025 EWR costs, respectively, and reflected in the revised EWR surcharges set forth in Attachment 1 hereto.

- c. For the reconciliation of the WEPCO Rate Zone 2024 EWR revenues and payments, the resulting total under-recovery of \$267,915 including interest through December 31, 2024, shall be rolled into the beginning balance of the WEPCO Rate Zone 2025 EWR costs, and reflected in the revised surcharges set forth in Attachment 1 hereto.
- d. The revised surcharges set forth in Attachment 1 should go into effect with the first billing month immediately following the issuance of the order approving settlement agreement.

6. All of the signatories are of the opinion that this settlement agreement is reasonable, in the public interest and will aid the expeditious conclusion of this case.

7. 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 whatsoever.

8. 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 EWR proceedings.

9. The parties agree to waive Section 81 of the APA of 1969, as amended, MCL 24.281, as it applies to this proceeding, if the Commission approves this settlement agreement without modification.

UPPER MICHIGAN ENERGY RESOURCES
CORPORATION

Sherri A. Wellman

Digitally signed by: Sherri A. Wellman
DN: CN = Sherri A. Wellman email =
wellmans@millercanfield.com C = US O = Miller Canfield
Date: 2025.07.09 11:06:39 -04'00'

Dated: July 9, 2025

By: _____
Its Attorney
Sherri A. Wellman (P38989)
MILLER, CANFIELD, PADDOCK and STONE, P.L.C.
123 West Allegan Street, Suite 200
Lansing, Michigan 48933

MICHIGAN PUBLIC SERVICE COMMISSION STAFF



Dated: July 9, 2025

By: _____
Its Attorney
Monica M. Stephens (P73782)
Assistant Attorney General
Public Service Division
7109 W. Saginaw Hwy., 3rd Floor
Lansing Michigan 48917

TILDEN MINING COMPANY L.C.

**Jennifer Utter
Heston**

Digitally signed by Jennifer
Utter Heston

Date: 2025.07.09 11:59:08
-04'00'

Dated: July 9, 2025

By: _____

Its Attorney

Jennifer Utter Heston (P65202)

FRASER TREBILCOCK DAVIS DUNLAP &
CAVANAUGH, P.C.

124 West Allegan Street, Suite 1000

Lansing, Michigan 48933

ATTACHMENT 1
to Settlement Agreement

(MPSC) Case No.: U-21676

SECTION D
RATE SCHEDULES

D3. SUPPLEMENTAL CHARGES

NATURAL GAS

1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
2. Energy Waste Reduction (EWR) Surcharge – This surcharge is pursuant to Section 91(4) of 2008 PA 295, as amended ~~by 2016 PA 342, the adjustment of distribution service rates, via the application of an Energy Waste Reduction Surcharge,~~ to allow for 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~~. The EWR compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Waste Reduction Surcharges are listed below:

Customer Class	EWR Surcharge	Distribution Charge	Total Distribution Charge**
Residential	-\$0.0161 <u>\$0.0197</u> /Therm	\$0.08564/Therm	\$0.10174/Therm
	Per Day/meter	Customer Charge/Day	Total Per Day Charge
C & I Small-year round customers	\$0.0874 <u>\$0.1160</u>	\$0.2465	\$0.3339
C & I Small-seasonal customers	-\$0.1748 <u>\$0.2320</u>	\$0.4931	\$0.6678
C & I Large	-\$0.6196 <u>\$0.7242</u>	\$2.3671	\$2.9867
Transportation Medium*	--	\$4.8493	\$4.8493
Transportation Large	-\$0.4533 <u>\$0.4356</u>	\$6.9698	\$7.4231
Transportation Super Large	-\$8.1561 <u>\$4.5476</u>	\$6.9698	\$15.1259

* No customers currently on this rate

~~**The EWR Surcharge and either the Distribution or Customer Charge/Day for each rate will be added and shown as above on the monthly utility bill for all customers.~~

3. Tax Cuts and Jobs Act of 2017 Credit (TCJA) - This surcharge allows the Company to refund to customers the impact of the Federal Tax Cuts and Jobs act of 2017. Customers shall receive the Credit A and Calculation C Credit until the Company is authorized new base rates in a general rate case proceeding.

TCJA "Credit A" of \$0.00310 per Therm shall be applicable to all Rate Schedules.

TCJA "Calculation C" Credit is suspended effective July 1, 2020.

Issued ~~August 23, 2024~~xx-xx-xx
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

Effective for service rendered on and
after ~~September 1, 2024~~xx-xx-xx
Issued under authority of the
Michigan Public Service Commission
Dated ~~August 22, 2024~~xx-xx-xx
in Case No. U-~~215622~~1676

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ENERGY WASTE REDUCTION (EWR) SURCHARGE

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

<u>Rate Schedule</u>	<u>Energy Charges/kWh</u>
<u>Rg1</u>	<u>\$0.00323</u>
<u>Rg-1M</u>	<u>\$0.00320</u>
<u>Rg2</u>	<u>\$0.00323</u>
<u>Rg-OTOU-1M</u>	<u>\$0.00320</u>
<u>LED1</u>	<u>\$0.00894</u>

	<u>Customers without a Self-Directed Plan</u>	<u>Customers with a Self-Directed Plan</u>
<u>Rate Schedule</u>	<u>Per Day/Meter</u>	<u>Per Day/Meter</u>
<u>Cg1</u>	<u>\$0.20663</u>	<u>\$0.02028</u>
<u>Cg-1M</u>	<u>\$0.10750</u>	<u>\$0.01040</u>
<u>Cg-1M (Seasonal)</u>	<u>\$0.21500</u>	<u>\$0.02080</u>
<u>Cg2</u>	<u>\$0.37599</u>	<u>\$0.02367</u>
<u>Cg5</u>	<u>\$0.48694</u>	<u>\$0.04240</u>
<u>Cg-OTOU-1M</u>	<u>\$0.10750</u>	<u>\$0.01040</u>
<u>Cg-1M (Seasonal)</u>	<u>\$0.21500</u>	<u>\$0.02080</u>
<u>TssM/TssU</u>	<u>\$0.20663</u>	<u>\$0.02028</u>
<u>Cg3/Cg3C</u>	<u>\$2.88412</u>	<u>\$0.27248</u>
<u>Cg-3M</u>	<u>\$1.47020</u>	<u>\$0.15090</u>
<u>Cg-3M (Seasonal)</u>	<u>\$2.94040</u>	<u>\$0.30180</u>
<u>Mp-1M</u>	<u>\$1.47020</u>	<u>\$0.15090</u>
<u>Cp1</u>	<u>\$12.42672</u>	<u>\$1.17695</u>
<u>Cp-1M Secondary</u>	<u>\$2.30190</u>	<u>\$0.21310</u>
<u>Cp-1M Primary</u>	<u>\$2.30190</u>	<u>\$0.21310</u>
<u>Cp-1M Transmission (<10MW)</u>	<u>\$99.11870</u>	<u>\$6.72660</u>
<u>Cp-1M Transmission (>10MW)</u>	<u>\$280.61540</u>	<u>\$36.06500</u>
<u>Cp2</u>	<u>\$223.00980</u>	<u>\$9.88989</u>
<u>Cp3</u>	<u>\$223.00980</u>	<u>\$9.88989</u>
<u>Cp4</u>	<u>\$223.00980</u>	<u>\$9.88989</u>
<u>Schedule A</u>	<u>\$20.73631</u>	<u>\$1.93816</u>
<u>CpLC</u>	<u>\$4,171.99181</u>	<u>\$408.34105</u>
<u>Special Contract (U-18224)</u>	<u>\$4,171.99181</u>	<u>\$408.34105</u>
<u>Special Contract (U-16967)</u>	<u>\$18.67566</u>	<u>\$1.57944</u>

	<u>Customers without a Self-Directed Plan</u>	<u>Customers with a Self-Directed Plan</u>
<u>Rate Schedule</u>	<u>Per Month/Lamp</u>	<u>Per Month/Lamp</u>
<u>GI1</u>	<u>\$0.38</u>	<u>\$0.03</u>
<u>Ms2</u>	<u>\$0.38</u>	<u>\$0.03</u>
<u>Ms3</u>	<u>\$0.38</u>	<u>\$0.03</u>
<u>Ls-1M</u>	<u>\$0.38</u>	<u>\$0.03</u>

<u>RATE SCHEDULE</u>	<u>EWR Rate, per kWh</u>	<u>+</u>	<u>Distribution Charge per kWh</u>	<u>=</u>	<u>TOTAL Distribution Charge per kWh</u>
<u>Rg1</u>	<u>0.00323</u>	<u>+</u>	<u>0.05314</u>	<u>=</u>	<u>0.05637</u>
<u>Rg-1M</u>	<u>0.00290</u>	<u>+</u>	<u>0.05282</u>	<u>=</u>	<u>0.05572</u>
<u>RATE SCHEDULE</u>	<u>EWR Rate, per kWh</u>	<u>+</u>	<u>Distribution & Power Supply Charge per kWh</u>	<u>=</u>	<u>TOTAL Distribution & Power Supply Charge per kWh</u>
<u>Rg2: On-peak</u>	<u>0.00323</u>	<u>+</u>	<u>0.35206</u>	<u>=</u>	<u>0.35529</u>
<u>Rg2: Off-peak</u>	<u>0.00323</u>	<u>+</u>	<u>0.07395</u>	<u>=</u>	<u>0.07718</u>
<u>Rg-OTOU-1M (on)</u>	<u>0.00290</u>	<u>+</u>	<u>0.10355</u>	<u>=</u>	<u>0.10645</u>
<u>Rg-OTOU-1M (off)</u>	<u>0.00290</u>	<u>+</u>	<u>0.02589</u>	<u>=</u>	<u>0.02879</u>

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.

	<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>RATE SCHEDULE</u>	<u>EWR Rate, per day, per meter</u>	<u>OR</u>	<u>EWR Rate, per day, per meter</u>	<u>+</u>	<u>Fixed Charge, per day, per standard meter or service connection</u>	<u>=</u>	<u>TOTAL Fixed Charge per day, per standard meter or service connection</u>	<u>OR</u>	<u>TOTAL Fixed Charge per day, per standard meter or service connection</u>
Cg1: single-phase	0.20275	OR	0.02158	+	0.49315	=	0.69590	OR	0.51473
Cg1: three-phase	0.20275	OR	0.02158	+	0.96986	=	1.17261	OR	0.99144
Cg2: single-phase	0.43753	OR	0.02483	+	0.49315	=	0.93068	OR	0.51798
Cg2: three-phase	0.43753	OR	0.02483	+	0.96986	=	1.40739	OR	0.99469
Cg3	3.06081	OR	0.32941	+	2.79452	=	5.85533	OR	3.12393
Cg3C	3.06081	OR	0.32941	+	2.79452	=	5.85533	OR	3.12393
Cg5: single-phase	0.40632	OR	0.04212	+	0.49315	=	0.89947	OR	0.53527
Cg5: three-phase	0.40632	OR	0.04212	+	0.96986	=	1.37618	OR	1.01198
TssM: single-phase	0.20275	OR	0.02158	+	0.49315	=	0.69590	OR	0.51473
TssM: three-phase	0.20275	OR	0.02158	+	0.96986	=	1.17261	OR	0.99144
TssU	0.20275	OR	0.02158	+	0.12000	=	0.32275	OR	0.14158
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 ~~December 13, 2024~~
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 ~~October 10, 2024~~
in Case No. U-2454421676

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

Reserved for Future Use

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.

	<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>RATE SCHEDULE</u>	<u>EWR Rate, per day, per meter</u>	<u>OR</u>	<u>EWR Rate, per day, per meter</u>	<u>+</u>	<u>Fixed Charge, all primary service voltages, per day</u>	<u>=</u>	<u>TOTAL Fixed Charge per day, per meter</u>	<u>OR</u>	<u>TOTAL Fixed Charge per day, per meter</u>
Cp1	12.85541	OR	1.35062	+	20.21918	=	33.07459	OR	21.56980
Cp2	205.76939	OR	10.94847	+	20.21918	=	225.98857	OR	31.16765
Cp3	205.76939	OR	10.94847	+	20.21918	=	225.98857	OR	31.16765
Cp4	205.76939	OR	10.94847	+	20.21918	=	225.98857	OR	31.16765
CpLC	4,104.40470	OR	481.03788	+	20.21918	=	4,124.62388	OR	501.25706
Cp-1M (Secondary)	2.55850	OR	0.25370	+	4.66850	=	7.22700	OR	4.92220
Cp-1M (Primary)	2.55850	OR	0.25370	+	22.12600	=	24.68450	OR	22.37970
Cp-1M (Transmission) <10MW	99.34710	OR	6.57340	+	32.54790	=	131.89500	OR	39.12130
Cp-1M (Transmission) >10MW	383.89450	OR	44.27000	+	32.54790	=	416.44240	OR	76.81790

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
<u>RATE SCHEDULE</u>	<u>EWR Rate, per day, per meter</u>	<u>OR</u>	<u>EWR Rate, per day, per meter</u>
Schedule A	23.60464	OR	2.10802
Special Contract			
(U-18224)	4,104.40470	OR	481.03788
(U-16967)	21.46670	OR	1.75886

(Continued on Sheet No. D-6.01)

Issued ~~December 13, 2024~~
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 ~~October 10, 2024~~
in Case No. U-2154121676

ENERGY WASTE REDUCTION (EWR) SURCHARGE (Continued From Sheet No. D-6.00)
Reserved for Future Use

LIGHTING RATE SCHEDULES

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>EWR Rate, per month, per lamp</u>		<u>Non-Capacity monthly charge per lighting unit</u>		<u>TOTAL Non-Capacity monthly charge, per lighting unit</u>		<u>TOTAL Non-Capacity monthly charge, per lighting unit</u>
<u>GL1</u>		<u>OR</u>		+		=		<u>OR</u>	
70: Sodium Standard	0.41	OR	0.04	+	10.97	=	11.38	OR	11.01
100: Sodium Standard	0.41	OR	0.04	+	13.07	=	13.48	OR	13.11
100: Sodium Flood	0.41	OR	0.04	+	15.17	=	15.58	OR	15.21
150: Sodium Standard	0.41	OR	0.04	+	15.52	=	15.93	OR	15.56
175: Metal Halide Standard	0.41	OR	0.04	+	18.49	=	18.90	OR	18.53
200: Sodium Standard	0.41	OR	0.04	+	18.38	=	18.79	OR	18.42
200: Sodium Flood	0.41	OR	0.04	+	20.33	=	20.74	OR	20.37
250: Sodium Standard	0.41	OR	0.04	+	21.12	=	21.53	OR	21.16
250: Metal Halide Flood	0.41	OR	0.04	+	23.87	=	24.28	OR	23.91
250: Metal Halide Standard	0.41	OR	0.04	+	22.95	=	23.36	OR	22.99
400: Sodium Standard	0.41	OR	0.04	+	28.63	=	29.04	OR	28.67
400: Sodium Flood	0.41	OR	0.04	+	30.27	=	30.68	OR	30.31
400: Metal Halide Flood	0.41	OR	0.04	+	30.98	=	31.39	OR	31.02
400: Metal Halide Standard	0.41	OR	0.04	+	29.30	=	29.71	OR	29.34
<u>Ms2</u>									
50: Sodium	0.39	OR	0.03	+	9.17	=	9.56	OR	9.20
70: Sodium	0.39	OR	0.03	+	11.22	=	11.61	OR	11.25
100: Sodium	0.39	OR	0.03	+	13.37	=	13.76	OR	13.40
150: Sodium	0.39	OR	0.03	+	15.88	=	16.27	OR	15.91
175: Metal Halide	0.39	OR	0.03	+	18.91	=	19.30	OR	18.94
200: Sodium	0.39	OR	0.03	+	18.80	=	19.19	OR	18.83
250: Sodium	0.39	OR	0.03	+	21.60	=	21.99	OR	21.63
250: Metal Halide	0.39	OR	0.03	+	23.47	=	23.86	OR	23.50
400: Sodium	0.39	OR	0.03	+	29.27	=	29.66	OR	29.30
400: Metal Halide	0.39	OR	0.03	+	29.97	=	30.36	OR	30.00
<u>Ms3</u>									
50	0.48	OR	0.05	+	3.06	=	3.54	OR	3.11
70	0.48	OR	0.05	+	4.48	=	4.96	OR	4.53
100	0.48	OR	0.05	+	6.95	=	7.43	OR	7.00
150	0.48	OR	0.05	+	9.85	=	10.33	OR	9.90
175	0.48	OR	0.05	+	11.16	=	11.64	OR	11.21
200	0.48	OR	0.05	+	13.05	=	13.53	OR	13.10
250	0.48	OR	0.05	+	16.23	=	16.71	OR	16.28
400	0.48	OR	0.05	+	25.07	=	25.55	OR	25.12
1000	0.48	OR	0.05	+	58.40	=	58.88	OR	58.45

(Continued on Sheet No. D-6.02)

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T. T. Eidukas
Vice-President,
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ENERGY WASTE REDUCTION (EWR) SURCHARGE
(Continued From Sheet No. D-6.01)
Reserved for Future Use

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

(Continued on Sheet No. D-6.03)

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ENERGY WASTE REDUCTION (EWR) SURCHARGE

(Continued From Sheet No. D-6.02)

Reserved for Future Use

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

~~(Continued on Sheet No. D-6.04)~~

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

Reserved for Future Use

LED STREET LIGHTING SERVICE RATE SCHEDULE

The LED rate schedule shall receive an EWR Surcharge per kWh as shown below:

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>						
	<u>EWR Rate per month, per light fixture</u>		<u>EWR Rate per month, per light fixture</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
<u>LED: kWh</u>	<u>(\$0.00782, per kWh x Max bracket kWh)</u>	<u>OR</u>	<u>(\$0.00109, per kWh x Max bracket kWh)</u>	<u>+</u>	<u>Energy Charge, per month, per light fixture</u>	<u>=</u>	<u>TOTAL Energy Charge per month, per light fixture</u>	<u>OR</u>	<u>TOTAL Energy Charge per month, per light fixture</u>
0-3	0.02346	OR	0.00327	+	\$0.50000	=	\$0.52346	OR	\$0.50327
4-6	0.04692	OR	0.00654	+	\$0.99000	=	\$1.03692	OR	\$0.99654
7-9	0.07038	OR	0.00981	+	\$1.49000	=	\$1.56038	OR	\$1.49981
10-12	0.09384	OR	0.01308	+	\$1.98000	=	\$2.07384	OR	\$1.99308
13-15	0.11730	OR	0.01635	+	\$2.48000	=	\$2.59730	OR	\$2.49635
16-18	0.14076	OR	0.01962	+	\$2.97000	=	\$3.11076	OR	\$2.98962
19-21	0.16422	OR	0.02289	+	\$3.47000	=	\$3.63422	OR	\$3.49289
22-24	0.18768	OR	0.02616	+	\$3.96000	=	\$4.14768	OR	\$3.98616
25-27	0.21114	OR	0.02943	+	\$4.46000	=	\$4.67114	OR	\$4.48943
28-30	0.23460	OR	0.03270	+	\$4.95000	=	\$5.18460	OR	\$4.98270
31-33	0.25806	OR	0.03597	+	\$5.45000	=	\$5.70806	OR	\$5.48597
34-36	0.28152	OR	0.03924	+	\$5.94000	=	\$6.22152	OR	\$5.97924
37-39	0.30498	OR	0.04251	+	\$6.44000	=	\$6.74498	OR	\$6.48251
40-42	0.32844	OR	0.04578	+	\$6.93000	=	\$7.25844	OR	\$6.97578
43-45	0.35190	OR	0.04905	+	\$7.43000	=	\$7.78190	OR	\$7.47905
46-48	0.37536	OR	0.05232	+	\$7.92000	=	\$8.29536	OR	\$7.97232
49-51	0.39882	OR	0.05559	+	\$8.42000	=	\$8.81882	OR	\$8.47559
52-54	0.42228	OR	0.05886	+	\$8.91000	=	\$9.33228	OR	\$8.96886
55-57	0.44574	OR	0.06213	+	\$9.41000	=	\$9.85574	OR	\$9.47213
58-60	0.46920	OR	0.06540	+	\$9.90000	=	\$10.36920	OR	\$9.96540
61-63	0.49266	OR	0.06867	+	\$10.40000	=	\$10.89266	OR	\$10.46867
64-66	0.51612	OR	0.07194	+	\$10.89000	=	\$11.40612	OR	\$10.96194
67-69	0.53958	OR	0.07521	+	\$11.39000	=	\$11.92958	OR	\$11.46521
70-72	0.56304	OR	0.07848	+	\$11.89000	=	\$12.45304	OR	\$11.96848
73-75	0.58650	OR	0.08175	+	\$12.38000	=	\$12.96650	OR	\$12.46175
76-78	0.60996	OR	0.08502	+	\$12.88000	=	\$13.48996	OR	\$12.96502
79-81	0.63342	OR	0.08829	+	\$13.37000	=	\$14.00342	OR	\$13.45829
82-84	0.65688	OR	0.09156	+	\$13.87000	=	\$14.52688	OR	\$13.96156
85-87	0.68034	OR	0.09483	+	\$14.36000	=	\$15.04034	OR	\$14.45483
88-90	0.70380	OR	0.09810	+	\$14.86000	=	\$15.56380	OR	\$14.95810
91-93	0.72726	OR	0.10137	+	\$15.35000	=	\$16.07726	OR	\$15.45137
94-96	0.75072	OR	0.10464	+	\$15.85000	=	\$16.60072	OR	\$15.95464
97-99	0.77418	OR	0.10791	+	\$16.34000	=	\$17.11418	OR	\$16.44791

(Continued on Sheet No. D-6.05)

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

Reserved for Future Use

LED STREET LIGHTING SERVICE RATE SCHEDULE (cont.)

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

	<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>						
	<u>EWR Rate per month, per light fixture</u>		<u>EWR Rate per month, per light fixture</u>				<u>Customers without Self-Directed Plan</u>		<u>Customers with Self-Directed Plan</u>
<u>LED: kWh</u>	<u>(\$0.00782, per kWh x Max bracket kWh)</u>	<u>OR</u>	<u>(\$0.00109, per kWh x Max bracket kWh)</u>	<u>+</u>	<u>Energy Charge, per month, per light fixture</u>	<u>=</u>	<u>TOTAL Energy Charge per month, per light fixture</u>	<u>OR</u>	<u>TOTAL Energy Charge per month, per light fixture</u>
100-102	0.79764	OR	0.11118	+	\$16.84000	=	\$17.63764	OR	\$16.95118
103-105	0.82110	OR	0.11445	+	\$17.33000	=	\$18.15110	OR	\$17.44445
106-108	0.84456	OR	0.11772	+	\$17.83000	=	\$18.67456	OR	\$17.94772
109-111	0.86802	OR	0.12099	+	\$18.32000	=	\$19.18802	OR	\$18.44099
112-114	0.89148	OR	0.12426	+	\$18.82000	=	\$19.71148	OR	\$18.94426
115-117	0.91494	OR	0.12753	+	\$19.31000	=	\$20.22494	OR	\$19.43753

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:

	<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>RATE SCHEDULE</u>	<u>EWR Rate</u>	<u>OR</u>	<u>EWR Rate</u>	<u>+</u>	<u>*Rate per year, per siren</u>	<u>=</u>	<u>*TOTAL Rate per year, per siren</u>	<u>OR</u>	<u>*TOTAL Rate per year, per siren</u>
Mg1	0.07	OR	0.01	+	2.98	=	3.05	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 ~~December 13, 2024~~
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin

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in Case No. U-2154121676

PROOF OF SERVICE

STATE OF MICHIGAN)

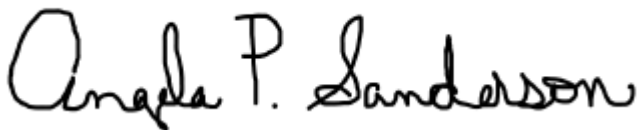
Case No. U-21676

County of Ingham)

Brianna Brown being duly sworn, deposes and says that on August 7, 2025 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 7th day of August 2025.



Angela P. Sanderson
Notary Public, Shiawassee County, Michigan
As acting in Eaton County
My Commission Expires: May 21, 2030

Service List for Case: U-21676

Name	On Behalf Of	Email Address
Adam M. Cozort	MPSC Staff	cozortal@michigan.gov
Christopher S. Saunders	ALJs - MPSC	saundersc4@michigan.gov
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