

Founded in 1852  
by Sidney Davy Miller

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March 22, 2022

Ms. Lisa Felice  
Executive Secretary  
Michigan Public Service Commission  
7109 W. Saginaw Hwy.  
Lansing, MI 48917

Re: Upper Michigan Energy Resources Corporation  
2021 EWR Reconciliation  
Case No. U-21210

Dear Ms. Felice:

Enclosed for electronic filing in the above case, please find Upper Michigan Energy Resources Corporation's Application and supporting Direct Testimony and Exhibits of Diane J. Mier and James M. Beyer. Also enclosed is the Appearance of Sherri A. Wellman. Once the Company is in receipt of the 2021 Efficiency United Annual Report, it will be filed in this docket.

Should you have any questions, please contact me.

Very truly yours,

Miller, Canfield, Paddock and Stone, P.L.C.

By: \_\_\_\_\_  
Sherri A. Wellman

SAW:ehk  
Enclosures  
cc w/enc: Diane J. Mier  
James M. Beyer  
Richard Stasik  
Vickie Nugent  
Koby Bailey  
Theodore Eidukas

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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In the matter of the application of )  
**UPPER MICHIGAN ENERGY RESOURCES** ) Case No. U-21210  
**CORPORATION** for authority to reconcile the )  
2021 electric and natural gas energy waste reduction )  
costs and revenues and related approvals. )

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APPLICATION

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (“UMERC” or the “Company”) requests that the Michigan Public Service Commission (“Commission”) approve UMERC’s Energy Waste Reduction (“EWR”) reconciliation of its EWR costs and revenues pursuant to 2008 PA 295 (“Act 295”), as amended, for the period ended December 31, 2021. In support thereof, UMERC represents to the Commission as follows:

1. UMERC is a public service corporation organized under the laws of Michigan with service centers located at 800 Industrial Park Drive, Iron Mountain, Michigan, and 1717 Tenth Avenue, Menominee, Michigan. Pursuant to a Settlement Agreement approved by the Commission in Case No. U-18061 (“U-18061 Settlement Agreement”), UMERC provides retail electric service to the former Michigan electric customers of Wisconsin Electric Power Company in service areas located in Alger, Baraga, Delta, Dickinson, Gogebic, Houghton, Iron, Marquette, Menominee, and Ontonagon Counties (known as the “WEPCo Rate Zone”), and to the former Michigan electric and natural gas customers of Wisconsin Public Service Corporation in a service area located in Menominee County, Michigan (known as the “WPSC Rate Zone”).

2. The Michigan Legislature enacted the Michigan Clean, Renewable, and Efficient Energy Act, Act 295, MCL 460.1001 et seq., effective October 6, 2008. Among other things, Act 295 required electric providers and natural gas providers to file energy optimization (“EO”) plans on a biennial basis. Act 295 was amended by the Clean and Renewable Energy and Energy Waste Reduction Act, 2016 PA 342 (“Act 342”) effective April 20, 2017. Under § 71(2) of 2016 PA 341, “energy optimization plans” previously approved under Act 295 became known as energy waste reduction plans (“EWR”).

3. Incorporated in UMERC’s Rate Book for Electric Service and Rate Book for Natural Gas Service are EWR surcharges.

4. In an Order dated March 17, 2022, the Commission established a filing date for UMERC’s 2021 EWR reconciliation.

5. For its electric service, UMERC has determined that the reconciliation of the EWR payments and revenues for 2021 results in a net cumulative over-recovery inclusive of interest through December 31, 2021 of \$79,394 for UMERC’s WEPCo Rate Zone, and a total cumulative over-recovery of \$29,848 inclusive of interest through December 31, 2021 for UMERC’s WPSC Rate Zone

6. For its natural gas service to customers in the WPSC Rate Zone, UMERC has determined that the reconciliation of the EWR payments and revenues for 2021 results in a net cumulation over-recovery inclusive of interest through December 31, 2021 of \$14,046.

7. UMERC submits that its EWR payments and surcharges for 2021 were lawful and were pursuant to the Commission orders.

8. UMERC requests approval to roll-in (i) the over-recovery of \$79,394 for its electric WEPCo Rate Zone, (ii) the over-recovery of \$29,848 for its electric WPSC Rate Zone,

and (iii) the over-recovery of \$14,046 for its natural gas WPSC Rate Zone, into the beginning balances of the 2022 EWR reconciliation.

WHEREFORE, Upper Michigan Energy Resources Corporation requests that this Commission:

- A. Approve the reconciliation of the 2021 EWR payments and revenues as presented by UMERC;
- B. Approve (i) UMERC's net cumulative over-recovered amount of \$79,394 in connection with its provision of electric service to the WEPCo Rate Zone, (ii) UMERC's total cumulative over-recovered amount of \$29,848 in connection with its provision of electric service to the WPSC Rate Zone, and (iii) UMERC's net cumulative over-recovered amount of \$14,046 in connection with its provision of natural gas service to the WPSC Rate Zone.
- C. Authorize UMERC to roll-in the foregoing identified over-recovered amounts into the beginning balances of its 2022 EWR reconciliation; and
- D. Grant UMERC such other and additional relief as shall be lawful and proper.

Respectfully submitted,

UPPER MICHIGAN ENERGY RESOURCES  
CORPORATION

Dated: March 22, 2022

By: \_\_\_\_\_  
One of its Attorneys  
Sherri A. Wellman (P38989)  
Paul M. Collins (P69719)  
MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.  
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38787242.4/156197.00048

**STATE OF MICHIGAN**  
**BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION**

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In the matter of the application of <b>UPPER</b>	)	
<b>MICHIGAN ENERGY RESOURCES</b>	)	Case No. U-21210
<b>CORPORATION</b> for authority to reconcile the	)	
2021 electric and natural gas energy waste	)	
<u>reduction costs and revenues and related approvals.</u>	)	

**DIRECT TESTIMONY AND EXHIBITS**

**OF**

**DIANE J. MIER**

**ON BEHALF OF**

**UPPER MICHIGAN ENERGY RESOURCES CORPORATION**

**March 22, 2022**

**DIRECT TESTIMONY AND EXHIBITS  
OF DIANE J. MIER**

1 **Q. Please state your name and business address.**

2 A. My name is Diane J. Mier and my business address is 2830 S. Ashland Avenue, Green  
3 Bay, Wisconsin 54304.

4

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by WEC Energy Group, Inc. (“WEC”) as a Project Specialist 2. I am  
7 testifying in this case on behalf of Upper Michigan Energy Resources Corporation  
8 (“UMERC” or the “Company”) which is a wholly owned subsidiary of WEC.

9

10 **Q. Briefly describe your educational background and employment history.**

11 A. I have a Bachelor of Science Degree from the University of Wisconsin – Green Bay, in  
12 Managerial Accounting. I have been employed by Wisconsin Public Service Corporation  
13 (“WPS Corp”) or WEC since December of 2003 and have held various positions in the  
14 Non-Regulated and Corporate Risk Departments. In November 2014, I transferred to the  
15 Regulatory Affairs Department where I currently hold the position of Project Specialist 2.  
16 Following the transfer of WPS Corp’s Michigan-based assets and customers to UMERC  
17 in 2017, my employment responsibilities expanded to include UMERC. In my current  
18 position, my primary duties are the calculation and administration of WPS Corp’s  
19 Wisconsin natural gas rates and UMERC’s natural gas rates for its WPSC Rate Zone, which  
20 will be discussed below.

21

22 **Q. Have you previously testified in any regulatory proceedings?**

**DIRECT TESTIMONY AND EXHIBITS  
OF DIANE J. MIER**

1 A. Yes. I have previously submitted testimony and exhibits with the Michigan Public Service  
2 Commission (“MPSC” or the “Commission”) in gas cost recovery (“GCR”), Energy Waste  
3 Reduction (“EWR”), and Tax Cuts and Jobs Act cases for UMEREC since 2015.

4

5 **Q. What is the purpose of your testimony in this proceeding?**

6 A. I am presenting UMEREC’s reconciliation of EWR revenues received from customers and  
7 payments made to the state EWR Program Administrator by UMEREC for the 2021  
8 calendar year as relating to its WPSC Rate Zone natural gas service.

9

10 **Q. Please identify the exhibits that you are sponsoring with your direct testimony.**

11 A. I am sponsoring the following exhibits, all of which were prepared by me or under my  
12 direction and supervision:

13	<u>Exhibit</u>	<u>Content</u>
14	Exhibit A-1 (DJM-1)	Natural Gas EWR Surcharge Revenues Collected in 2021,
15		Compared to 2.0% of WPS Corp’s 2019 Revenues, Which
16		Served as the Basis for the Payments Made to the Program
17		Administrator;
18	Exhibit A-2 (DJM-2)	Calculation of the Roll-In Adjustment Amount carried
19		forward (Inclusive of Interest);

20

21 **Q. Please briefly describe the exhibits that you are sponsoring.**

22 A. Exhibit A-1 (DJM-1) details the natural gas EWR surcharge revenues collected during  
23 2021 for each of the major gas rate class and customer type. The exhibit also reflects

**DIRECT TESTIMONY AND EXHIBITS  
OF DIANE J. MIER**

1 a comparison of those revenues to the required total payments made in 2021 to the state  
2 EWR Program Administrator. These payments were based upon 2.0 % of UMERC's  
3 natural gas revenues for 2019, which served as the basis for monthly payments to the  
4 State Appointed EWR Program Administrator for 2021.

5  
6 Exhibit A-2 (DJM-2) compares the natural gas EWR surcharge monthly revenues  
7 collected in 2021 to the actual monthly payments made to the state EWR Program  
8 Administrator during 2021 and calculates interest applicable to the cumulative  
9 under/over-recovered balance.

10  
11 **Q. Is there any other documentation that the Company is submitting in connection with**  
12 **this reconciliation?**

13 A Yes, although UMERC is not sponsoring it as a Company exhibit because it did not prepare  
14 the document, the Company will submit the state EWR program administrator's report for  
15 2021 when made available.

16  
17 **Q. Please describe the reconciliation of 2021 natural gas EWR revenues to amounts**  
18 **actually paid to the Administrator.**

19 A. As a result of a decrease in the actual revenues collected from natural gas customers in 2021  
20 compared to forecasted revenues used in the calculation of the EWR surcharge, UMERC  
21 under collected for the period in the amount of \$4,093, as shown on Exhibit A-2 (DJM-  
22 2). Adding this to the 2020 EWR reconciled over recovery of \$18,129 results a net over-  
23 recovery of \$14,036. Interest of \$10 is then added to this amount, in compliance with



**DIRECT TESTIMONY AND EXHIBITS  
OF DIANE J. MIER**

1 paragraph 7(3) of the order issued in Case No. U-15894, to arrive at a net cumulative over-  
2 recovery of \$14,046.

3

4 **Q. What is UMERC's proposal regarding the net cumulative over-recovery of \$14,046?**

5 A. UMERC is proposing to roll the net cumulative over-recovery of \$14,046 into the  
6 beginning balance of its 2022 EWR reconciliation. Therefore, UMERC is not proposing  
7 to change its current charges for this reconciliation.

8

9 **Q. Does this complete your direct testimony?**

10 A. Yes, it does.

Case No.: U-21210  
 Exhibit: A-1 (DJM-1)  
 Witness: Diane J. Mier

**UPPER MICHIGAN ENERGY RESOURCES CORPORATION**  
 Natural Gas Energy Waste Reduction Surcharges Collected in 2021

Rate Class	EWR Surcharge Revenues												Amount Recovered in 2021	2.0% Of 2019's Revenue	Amount Under/(Over) Collected			
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21						
<b>Residential</b>																		
Residential	\$ 8,416.81	\$ 9,021.57	\$ 5,486.05	\$ 4,101.05	\$ 2,020.56	\$ 812.25	\$ 644.60	\$ 644.64	\$ 738.03	\$ 1,913.62	\$ 5,288.93	\$ 7,801.78	\$ 46,890	\$ 49,662	\$ 2,772			
Total	\$ 8,416.81	\$ 9,021.57	\$ 5,486.05	\$ 4,101.05	\$ 2,020.56	\$ 812.25	\$ 644.60	\$ 644.64	\$ 738.03	\$ 1,913.62	\$ 5,288.93	\$ 7,801.78	\$ 46,890	\$ 49,662	\$ 2,772			
<b>Small General Service</b>																		
Small General Service	\$ 755.64	\$ 676.32	\$ 748.77	\$ 724.62	\$ 724.62	\$ 724.62	\$ 748.77	\$ 748.77	\$ 726.28	\$ 726.29	\$ 722.96	\$ 747.06	\$ 8,775	\$ 10,563	\$ 1,788			
Total	\$ 755.64	\$ 676.32	\$ 748.77	\$ 724.62	\$ 724.62	\$ 724.62	\$ 748.77	\$ 748.77	\$ 726.28	\$ 726.29	\$ 722.96	\$ 747.06	\$ 8,775	\$ 10,563	\$ 1,788			
<b>Large General Service</b>																		
Large GS	\$ 1,124.26	\$ 1,015.46	\$ 1,124.26	\$ 1,087.99	\$ 1,087.99	\$ 1,087.99	\$ 1,124.26	\$ 1,124.26	\$ 1,087.99	\$ 1,087.99	\$ 1,087.99	\$ 1,124.26	\$ 13,165	\$ 8,856	\$ (4,309)			
Total	\$ 1,124.26	\$ 1,015.46	\$ 1,124.26	\$ 1,087.99	\$ 1,087.99	\$ 1,087.99	\$ 1,124.26	\$ 1,124.26	\$ 1,087.99	\$ 1,087.99	\$ 1,087.99	\$ 1,124.26	\$ 13,165	\$ 8,856	\$ (4,309)			
<b>Transportation</b>																		
Transport Large	\$ 163.97	\$ 148.10	\$ 163.97	\$ 158.68	\$ 158.68	\$ 158.68	\$ 163.97	\$ 163.97	\$ 158.68	\$ 158.68	\$ 158.68	\$ 163.97	\$ 1,920	\$ 2,506	\$ 586			
Transport Super Large	\$ 527.95	\$ 476.86	\$ 527.95	\$ 510.92	\$ 510.92	\$ 510.92	\$ 527.95	\$ 527.95	\$ 510.92	\$ 510.92	\$ 510.92	\$ 527.95	\$ 6,182	\$ 9,438	\$ 3,256			
Total	\$ 691.92	\$ 624.96	\$ 691.92	\$ 669.60	\$ 669.60	\$ 669.60	\$ 691.92	\$ 691.92	\$ 669.60	\$ 669.60	\$ 669.60	\$ 691.92	\$ 8,102	\$ 11,944	\$ 3,842			
<b>Grand Total</b>	<b>\$ 10,989</b>	<b>\$ 11,338</b>	<b>\$ 8,051</b>	<b>\$ 6,583</b>	<b>\$ 4,503</b>	<b>\$ 3,294</b>	<b>\$ 3,210</b>	<b>\$ 3,210</b>	<b>\$ 3,222</b>	<b>\$ 4,398</b>	<b>\$ 7,769</b>	<b>\$ 10,365</b>	<b>\$ 76,932</b>	<b>\$ 81,025</b>	<b>\$ 4,093</b>			



**STATE OF MICHIGAN**  
**BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION**

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In the matter of the application of <b>UPPER</b>	)	
<b>MICHIGAN ENERGY RESOURCES</b>	)	Case No. U-21210
<b>CORPORATION</b> for authority to reconcile the	)	
2021 electric and natural gas energy waste	)	
<u>reduction costs and revenues and related approvals.</u>	)	

**DIRECT TESTIMONY AND EXHIBITS**  
  
**OF**  
  
**JAMES M. BEYER**  
  
**ON BEHALF OF**  
  
**UPPER MICHIGAN ENERGY RESOURCES CORPORATION**

**March 22, 2022**

DIRECT TESTIMONY AND EXHIBITS  
OF JAMES M. BEYER

1 **Q. Please state your name, business address, and position.**

2 A. My name is James M. Beyer. My business address is WEC Energy Group (“WEC”), 2830  
3 South Ashland Avenue, Green Bay, WI 54304. I am a Project Specialist in the State  
4 Regulatory Affairs Department of WEC. Upper Michigan Energy Resources Corporation  
5 (“UMERC” or the “Company”) is a wholly owned subsidiary of WEC.

6  
7 **Q. Please describe briefly your education, professional, and utility background.**

8 A. I graduated from Northern Michigan University, Marquette, Michigan, with a Bachelor of  
9 Science Degree in Accounting in 2002; and from Lakeland College, Sheboygan,  
10 Wisconsin, with a Master of Business Administration (“MBA”) degree in 2006. I have  
11 been employed by WEC and its predecessors, first as a Pricing Analyst and currently as a  
12 Project Specialist since 2004. In that position, I perform and am otherwise involved in rate  
13 related studies, service and tariff administration, financial analyses, and rate development  
14 and administration.

15  
16 **Q. Have you testified before a regulatory agency?**

17 A. Yes. I have testified before the Public Service Commission of Wisconsin (“PSCW”) and  
18 the Michigan Public Service Commission (“MPSC” or the “Commission”).

19  
20 **Q. What is the purpose of your testimony in this proceeding?**

21 A. I am presenting the reconciliation of UMERC’s 2021 Energy Waste Reduction (“EWR”)   
22 electric surcharge revenues collected compared to 2.00 percent of 2019 revenues and

DIRECT TESTIMONY AND EXHIBITS  
OF JAMES M. BEYER

1 electric payments made to the state EWR Program Administrator. This was done for both  
2 the UMERC WPSC and WEPCO Rate Zones.

3

4 **Q. Will you please give some history of UMERC’s electric assets?**

5 A. Yes. Pursuant to a Settlement Agreement approved by the Commission on December 9,  
6 2016, in Case No. U-18061 (“U-18061 Settlement Agreement”), UMERC was established  
7 as a Michigan regulated utility providing service only to electric and natural gas customers  
8 in the Upper Peninsula of Michigan. Pursuant to the U-18061 Settlement Agreement,  
9 Wisconsin Electric Power Company (“WEPCO”) and Wisconsin Public Service  
10 Corporation (“WPS Corp”) transferred all of their Michigan jurisdictional distribution  
11 substations, distribution lines, and other distribution assets used in providing retail electric  
12 service in Michigan, as well as its Michigan retail full requirements and retail access full  
13 service customers to UMERC. This created two zones of customers for UMERC, the  
14 “WEPCo Rate Zone” for UMERC customers formerly served by WEPCO, and the “WPSC  
15 Rate Zone” for UMERC customers formerly served by WPS Corp.

16 **Q. Please identify the exhibits that you are sponsoring with your direct testimony.**

17 A. I am sponsoring the following exhibits, which were prepared by me or under my direction  
18 and supervision:

19

20

21

22

23

24

25

<u>Exhibit</u>	<u>Content</u>
Exhibit A-3 (JMB-1)	Electric EWR Surcharge Revenues Collected in 2021, Compared to 2.00% of 2019 Revenues, Which Served as the Basis for the Payments Made to the Program Administrator;

DIRECT TESTIMONY AND EXHIBITS  
OF JAMES M. BEYER

1 Exhibit A-4 (JMB-2) Calculation of the Roll-In Adjustment Amount (Inclusive of  
2 Interest)  
3

4 **Q. Is there any other documentation that the Company is submitting in connection with**  
5 **this reconciliation?**

6 A Yes, although UMERC is not sponsoring it as a Company exhibit because it did not prepare  
7 the document, the Company will include the state EWR program administrator's report for  
8 2021 when made available.  
9

**2021 EWR RECONCILIATION**

10  
11 **Q. Please describe the results of the reconciliation of EWR payments and revenues for**  
12 **the UMERC WEPCo Rate Zone for 2021.**

13 A. As shown on Exhibit A-3 (JMB-1) the UMERC WEPCo Rate Zone (including Tilden)  
14 collected \$2,487,198 and paid \$2,250,640 to the EWR administrator. This results in an  
15 over recovery of \$236,558 without interest. Combining the 2021 over recovery of  
16 \$236,558, the net under recovery balance of \$157,136 from 2020 reconciled in Case No.  
17 U-20870, and interest of \$28 for the year 2021, results in a net cumulative over recovery  
18 balance of \$79,394 for the UMERC WEPCo Rate Zone at the end of 2021.  
19

20 **Q. Please describe the results of the reconciliation of EWR payments and revenues for**  
21 **the UMERC WPSC Rate Zone for 2021.**

22 A. As shown on Exhibit A-3 (JMB-1) the UMERC WPSC Rate Zone collected \$471,730 from  
23 electric customers and paid \$448,011 to the EWR administrator. This results in an over  
24 recovery of \$23,719 without interest. Combining the 2021 over recovery of \$23,719, the  
25 net over recovery balance of \$6,117 from 2020 as reconciled in Case No. U-20870, and

DIRECT TESTIMONY AND EXHIBITS  
OF JAMES M. BEYER

1 interest of \$12 for the year 2021, results in a total cumulative over recovery balance of  
2 \$29,848 for the UMERC electric WPSC Rate Zone at the end of 2021.

3

4 **Q. What is UMERC's proposal regarding the net cumulative over recovery of \$79,394**  
5 **for its WEPCO Rate Zone and the total cumulative over recovery of \$29,848 for its**  
6 **electric WPSC Rate Zone?**

7 A. UMERC is proposing to roll the net cumulative over recovery of \$79,394 for its WEPCo  
8 Rate Zone and the total cumulative over recovery of \$29,848 for its electric WPSC Rate  
9 Zone into the beginning balances of its 2022 EWR reconciliation. Therefore, UMERC is  
10 not proposing to change its current charges for this reconciliation.

11

12 **Q. Does this complete your direct testimony?**

13 A. Yes, it does.



**UPPER MICHIGAN ENERGY RESOURCES CORPORATION**  
**Energy Waste Reduction Surcharges Collected**  
**Compared to Payments to Administrator**  
**For the Year 2021**

Case No.: U-21210  
 Revised Exhibit: A-3 (JMB-1)  
 Witness: James M. Beyer

Line	Rate Class	EWR Surcharge Revenues												Amount Recovered 2021	Estimated Payment 2021	Amount Under/(Over)- Recovery	Interest on Under/(Over)- Recovery	Beginning Balance Under/(Over)- Recovery	Ending Balance Under/(Over)- Recovery
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
1	<b>UMERC WEPCO Rate Zone</b>																		
2																			
3	Residential	\$52,099	\$51,246	\$46,336	\$26,458	\$35,512	\$43,855	\$50,071	\$44,374	\$38,022	\$40,219	\$40,270	\$53,454	\$521,917	\$479,383	(\$42,534)	\$5	(\$10,829)	(\$53,359)
4	Cg1 & AES	\$18,018	\$16,393	\$18,137	\$17,552	\$18,137	\$17,552	\$18,175	\$18,175	\$17,577	\$17,595	\$17,656	\$18,232	\$213,200	\$195,148	(\$18,052)	\$2	(\$6,052)	(\$24,102)
5	Cg2	\$487	\$428	\$473	\$458	\$473	\$458	\$473	\$473	\$458	\$445	\$445	\$460	\$5,532	\$5,833	\$301	\$0	\$714	\$1,015
6	Cg3, Cg3C & AES	\$3,996	\$3,530	\$3,908	\$3,782	\$3,908	\$3,782	\$3,996	\$3,996	\$3,867	\$3,867	\$3,854	\$3,996	\$46,485	\$78,497	\$32,012	(\$4)	(\$6,483)	\$25,526
7	Cg5	\$1,262	\$1,083	\$1,199	\$1,160	\$1,199	\$1,160	\$1,199	\$1,199	\$1,148	\$1,160	\$1,160	\$1,199	\$14,130	\$14,572	\$442	\$0	(\$347)	\$95
8	Cp1 & AES	\$408	\$369	\$408	\$395	\$408	\$395	\$408	\$408	\$395	\$395	\$395	\$408	\$4,795	\$13,988	\$9,193	(\$1)	\$298	\$9,490
9	Cp2,3&4	\$5,146	\$4,648	\$5,146	\$4,980	\$5,146	\$4,980	\$5,146	\$5,146	\$4,980	\$4,980	\$4,980	\$5,146	\$60,420	\$56,790	(\$3,630)	\$0	\$8,764	\$5,134
10	Sched-A - AES	\$667	\$1,341	\$817	\$790	\$817	\$790	\$1,484	\$1,484	\$790	\$1,436	\$1,436	\$1,484	\$13,338	\$8,752	(\$4,585)	\$1	(\$96)	(\$4,681)
11	Special Contract 1	\$671	\$1,211	\$1,341	\$1,298	\$1,341	\$1,298	\$1,341	\$1,341	\$1,298	\$649	\$1,298	\$671	\$13,756	\$8,211	(\$5,546)	\$1	(\$1,665)	(\$7,210)
12	Special Contract 2	\$134,442	\$121,432	\$134,442	\$130,105	\$134,442	\$130,105	\$134,442	\$134,442	\$130,105	\$130,105	\$130,105	\$134,442	\$1,578,611	\$1,373,806	(\$204,805)	\$24	\$173,046	(\$31,735)
13	G1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$4,505	\$4,500	(\$5)	\$0	(\$455)	(\$460)
14	Ms2	\$723	\$723	\$723	\$723	\$723	\$723	\$723	\$723	\$723	\$723	\$723	\$723	\$8,674	\$9,333	\$659	\$0	\$360	\$1,019
15	Ms3	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$594	\$666	\$72	\$0	(\$40)	\$32
16	LED1	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$376	\$212	(\$164)	\$0	(\$351)	(\$515)
17	TSS	\$84	\$71	\$78	\$76	\$78	\$76	\$84	\$84	\$66	\$66	\$66	\$68	\$864	\$949	\$85	\$0	\$272	\$356
18																			
19	<b>Surcharge Collected</b>	<b>\$218,459</b>	<b>\$202,930</b>	<b>\$213,466</b>	<b>\$188,234</b>	<b>\$202,642</b>	<b>\$205,632</b>	<b>\$217,983</b>	<b>\$212,286</b>	<b>\$199,885</b>	<b>\$202,097</b>	<b>\$202,845</b>	<b>\$220,739</b>	<b>\$2,487,198</b>	<b>\$2,250,640</b>	<b>(\$236,558)</b>	<b>\$28</b>	<b>\$157,136</b>	<b>(\$79,394)</b>
20																			
21	<b>Payments</b>	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$2,250,640					
22	<b>Under/(Over) Recovery</b>														(\$236,558)				
23	<b>Beginning Balance</b>														\$157,136				
24	<b>Interest Expense</b>														\$28				
25	<b>Ending Balance</b>														<b>(\$79,394)</b>				
26																			
27	<b>UMERC WPSC Rate Zone</b>																		
28																			
29	RES	\$17,396	\$16,549	\$14,714	\$14,714	\$13,310	\$16,343	\$18,048	\$18,754	\$13,158	\$12,790	\$14,262	\$17,186	\$187,224	\$171,400	(\$15,824)	(\$8)	(\$11,089)	(\$26,921)
30	Cg1, CgOTOU & AES	\$3,059	\$3,059	\$3,059	\$3,059	\$3,059	\$3,059	\$3,048	\$3,524	\$3,038	\$3,038	\$3,042	\$3,038	\$37,081	\$33,595	(\$3,486)	(\$2)	(\$2,166)	(\$5,655)
31	Cg3, Mp1 & AES	\$2,139	\$2,139	\$2,139	\$2,139	\$2,139	\$2,139	\$2,139	\$2,139	\$2,057	\$2,187	\$2,139	\$2,092	\$25,589	\$24,688	(\$901)	\$0	(\$36)	(\$937)
32	Cp1 & AES - Commercial	\$3,551	\$3,551	\$3,551	\$3,551	\$3,551	\$3,551	\$3,551	\$3,551	\$4,071	\$3,634	\$3,634	\$3,634	\$43,462	\$37,484	(\$5,978)	(\$3)	\$1,408	(\$4,573)
33	Cp1 <10 MW	\$3,015	\$3,015	\$3,015	\$3,015	\$3,015	\$3,015	\$3,015	\$2,901	\$3,015	\$3,015	\$3,015	\$3,015	\$36,065	\$36,706	\$641	\$0	\$1,020	\$1,662
34	Cp1 >10MW	\$11,535	\$11,535	\$11,535	\$11,535	\$11,535	\$11,535	\$11,535	\$10,711	\$11,535	\$11,535	\$11,535	\$11,535	\$137,592	\$139,153	\$1,561	\$1	\$3,824	\$5,386
35	Ls1	\$400	\$400	\$400	\$400	\$400	\$400	\$400	\$314	\$400	\$400	\$400	\$400	\$4,716	\$4,985	\$269	\$0	\$921	\$1,190
36																			
37	<b>Surcharge Collected</b>	<b>\$41,095</b>	<b>\$40,248</b>	<b>\$38,412</b>	<b>\$38,412</b>	<b>\$37,009</b>	<b>\$40,042</b>	<b>\$41,736</b>	<b>\$42,332</b>	<b>\$36,966</b>	<b>\$36,551</b>	<b>\$38,026</b>	<b>\$40,899</b>	<b>\$471,730</b>	<b>\$448,011</b>	<b>(\$23,719)</b>	<b>(\$12)</b>	<b>(\$6,117)</b>	<b>(\$29,848)</b>
38																			
39	<b>Payments</b>	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$448,011					
40	<b>Under/(Over) Recovery</b>														(\$23,719)				
41	<b>Beginning Balance</b>														(\$6,117)				
42	<b>Interest Expense</b>														(\$12)				
43	<b>Ending Balance</b>														<b>(\$29,848)</b>				

**UPPER MICHIGAN ENERGY RESOURCES CORPORATION**  
**Calculation of Roll-In Adjustment Amount (Inclusive of Interest)**  
**For the Year 2021**

Case No.: U-21210  
Exhibit: A-4 (JMB-2)  
Witness: James M. Beyer

Line	Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals 2021
1	<b>UMERC WEPSCO Rate Zone</b>													
2														
3	Total Surcharge Collected	\$218,459	\$202,930	\$213,466	\$188,234	\$202,642	\$205,632	\$217,983	\$212,286	\$199,885	\$202,097	\$202,845	\$220,739	\$2,487,198
4	Payment to Administrator	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$187,553	\$2,250,640
5	Under/(Over)-Recovery	(\$30,906)	(\$15,377)	(\$25,913)	(\$681)	(\$15,089)	(\$18,078)	(\$30,429)	(\$24,733)	(\$12,332)	(\$14,544)	(\$15,291)	(\$33,185)	(\$236,558)
6	Beginning Recovery Balance (\$)	\$157,136	\$126,230	\$110,853	\$84,941	\$84,260	\$69,171	\$51,093	\$20,663	(\$4,070)	(\$16,402)	(\$30,946)	(\$46,237)	
7	Ending Recovery Balance (\$)	\$126,230	\$110,853	\$84,941	\$84,260	\$69,171	\$51,093	\$20,663	(\$4,070)	(\$16,402)	(\$30,946)	(\$46,237)	(\$79,422)	
8	Average Recovery Balance (\$)	\$141,683	\$118,542	\$97,897	\$84,600	\$76,715	\$60,132	\$35,878	\$8,297	(\$10,236)	(\$23,674)	(\$38,591)	(\$62,830)	
9														
10	Interest Rate Undercollection (%)	0.08%	0.06%	0.07%	0.04%	0.10%	0.04%	0.05%	0.05%	0.05%	0.05%	0.06%	0.07%	
11	Days in Month	31	28	31	30	31	30	31	31	30	31	30	31	365
12	Monthly Interest (\$)	\$ 10	\$ 5	\$ 6	\$ 3	\$ 7	\$ 2	\$ 2	\$ -	\$ -	\$ (1)	\$ (2)	\$ (4)	
13	Interest Balance (\$)	\$ 10	\$ 15	\$ 21	\$ 24	\$ 31	\$ 33	\$ 35	\$ 35	\$ 35	\$ 34	\$ 32	\$ 28	
14	Ending Recovery Balance + Interest (\$)	\$126,240	\$110,868	\$84,962	\$84,284	\$69,202	\$51,126	\$20,698	(\$4,035)	(\$16,367)	(\$30,912)	(\$46,205)	(\$79,394)	
15														
16	<b>UMERC WPSC Rate Zone</b>													
17														
18	Total Surcharge Collected	\$41,095	\$40,248	\$38,412	\$38,412	\$37,009	\$40,042	\$41,736	\$42,332	\$36,966	\$36,551	\$38,026	\$40,899	\$471,730
19	Payment to Administrator	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$37,334	\$448,011
20	Under/(Over)-Recovery	(\$3,760)	(\$2,914)	(\$1,078)	(\$1,078)	\$325	(\$2,708)	(\$4,402)	(\$4,998)	\$368	\$783	(\$692)	(\$3,565)	(\$23,719)
21	Beginning Recovery Balance (\$)	(\$6,117)	(\$9,877)	(\$12,791)	(\$13,870)	(\$14,948)	(\$14,623)	(\$17,330)	(\$21,732)	(\$26,730)	(\$26,362)	(\$25,579)	(\$26,271)	
22	Ending Recovery Balance (\$)	(\$9,877)	(\$12,791)	(\$13,870)	(\$14,948)	(\$14,623)	(\$17,330)	(\$21,732)	(\$26,730)	(\$26,362)	(\$25,579)	(\$26,271)	(\$29,836)	
23	Average Recovery Balance (\$)	(\$7,997)	(\$11,334)	(\$13,330)	(\$14,409)	(\$14,785)	(\$15,976)	(\$19,531)	(\$24,231)	(\$26,546)	(\$25,970)	(\$25,925)	(\$28,053)	
24														
25	Interest Rate Undercollection (%)	0.08%	0.06%	0.07%	0.04%	0.10%	0.04%	0.05%	0.05%	0.05%	0.05%	0.06%	0.07%	
26	Days in Month	31	28	31	30	31	30	31	31	30	31	30	31	365
27	Monthly Interest (\$)	\$ (1)	\$ (1)	\$ (1)	\$ -	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (2)	
28	Interest Balance (\$)	\$ (1)	\$ (2)	\$ (3)	\$ (3)	\$ (4)	\$ (5)	\$ (6)	\$ (7)	\$ (8)	\$ (9)	\$ (10)	\$ (12)	
29	Ending Recovery Balance + Interest (\$)	(\$9,878)	(\$12,793)	(\$13,873)	(\$14,951)	(\$14,627)	(\$17,335)	(\$21,738)	(\$26,737)	(\$26,370)	(\$25,588)	(\$26,281)	(\$29,848)	

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
PUBLIC SERVICE COMMISSION

**ENTRY OF APPEARANCE IN AN ADMINISTRATIVE HEARING**

This form is issued as provided for by 1939 PA 3, as amended, and by 1933 PA 254, as amended. The filing of this form, or an acceptable alternative, is necessary to ensure subsequent service of any hearing notices, Commission orders, and related hearing documents.

**General Instructions:**

Type or print legibly in ink. For assistance or clarification, please contact the Public Service Commission at 517-284-8090.

*Please Note: The Commission will provide **electronic** service of documents to all parties in this proceeding.*

**THIS APPEARANCE TO BE ENTERED IN ASSOCIATION WITH THE ADMINISTRATIVE HEARING:**

Case / Company Name: Upper Michigan Energy Resources Corporation Docket No. U- 21210

Please enter my appearance in the above-entitled matter on behalf of:

1. (Name) Upper Michigan Energy Resources Corporation
2. (Name)
3. (Name)
4. (Name)
5. (Name)
6. (Name)
7. (Name)

Name Sherri A. Wellman  
Address Miller Canfield  
One Michigan Avenue, Suite 900  
City Lansing State MI  
Zip 48933 Phone 517-483-4954  
Email wellmans@millercanfield.com  
Date 03/22/2022

<input type="radio"/> I am not an attorney
<input checked="" type="radio"/> I am an attorney whose: Michigan Bar # is P- <u>38989</u> _____ Bar # is: _____ ( state )

Signature: \_\_\_\_\_