MICHIGAN PUBLIC SERVICE COMMISSION

ANNUAL REPORT OF ELECTRIC UTILITIES (MAJOR AND NON-MAJOR)

This form is authorized by 1919 PA 419, as amended, being MCL 460.55 et seq.; and 1969 PA 306, as amended, being MCL 24.201 et seq. Filing of this form is mandatory. Failure to complete and submit this form will place you violation of state law.

Report submitted for year ending:
December 31, 2023

Present name of respondent:
Upper Michigan Energy Resources Corporation

Address of principal place of business:
231 West Michigan Street, Milwaukee, WI 53203

Utility representative to whom inquires regarding this report may be directed:

Name:	William J. Guc	**Title:**	Vice President, Controller, and Assistant Corporate Secretary
Address:	231 West Michigan Street		
City:	Milwaukee	**State:** WI	**Zip:** 53203
Telephone, Including Area Code:	414-221-5093		

If the utility name has been changed during the past year:

Prior Name:

Date of Change:

Two copies of the published annual report to stockholders:

[ ] **were forwarded to the Commission**
[ ] **will be forwarded to the Commission**

on or about

Annual reports to stockholders:

[ ] **are published**
[X] **are not published**

FOR ASSISTANCE IN COMPLETION OF THIS FORM:

Contact the Michigan Public Service Commission (Jillian Bowden) at
BowdenJ2@michigan.gov OR forward correspondence to:

Michigan Public Service Commission
Regulated Energy Division (Jillian Bowden)
7109 W Saginaw Hwy
PO Box 30221
Lansing, MI 48909

Deloitte & Touche LLP
555 East Wells Street
Suite 1400
Milwaukee, WI 53202-3824
USA

Tel: +1 414 271 3000
Fax: +1 414 347 6200
www.deloitte.com

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors and Shareholder of
Upper Michigan Energy Resources Corporation:

Opinion

We have audited the financial statements of Upper Michigan Energy Resources Corporation (the "Company"), which comprise the balance sheet – regulatory basis as of December 31, 2023, and the related statements of income — regulatory basis, retained earnings — regulatory basis, and cash flows — regulatory basis for the year then ended, included on pages 110(M) through 123 of the accompanying Michigan Public Service Commission Form P-521, and the related notes to the financial statements (the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the assets, liabilities, and proprietary capital of the Company as of December 31, 2023, and the results of its operations and its cash flows for the year then ended in accordance with the accounting requirements of the Michigan Public Service Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Emphasis of Matter - Basis of Accounting

As discussed in Note B to the financial statements, these financial statements were prepared in accordance with the accounting requirements of the Michigan Public Service Commission as set forth in its applicable Uniform System of Accounts and published accounting releases, which is a basis of accounting other than accounting principles generally accepted in the United States of America. As a result, the financial statements may not be suitable for another purpose. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the accounting requirements of the Michigan Public Service Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for one year after the date that the financial statements are issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our

opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.

- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Restriction on Use

This report is intended solely for the information and use of the board of directors and management of the Company and for filing with the Michigan Public Service Commission and is not intended to be and should not be used by anyone other than these specified parties.

Deloitte & Touche LLP

April 29, 2024

INSTRUCTIONS FOR THE FILING OF THE ANNUAL REPORT OF
MAJOR AND NONMAJOR ELECTRIC UTILITIES

GENERAL INFORMATION

I. Purpose:

By authority conferred upon the Michigan Public Service Commission by 1919 PA 419, as amended, being MCL 460.55 et seq. and 1969 PA 306, as amended, being MCL 24.201 et seq., this form is a regulatory support requirement. It is designed to collect financial and operational information from public utilities, licensees and others subject to the jurisdiction of the Michigan Public Service Commission. This report is a nonconfidential public use form.

II. Who Must Submit:

Each major and nonmajor public utility, licensee, or other, as classified in the Commission's Uniform System of Accounts Prescribed for Public Utilities and Licensees must submit this form.

NOTE: Major utilities means utilities that had, in each of the last three consecutive years, sales or transmission service that exceeded any one or more of the following:

(a) one million megawatt-hours of total sales;
(b) 100 megawatt-hours of sales for resale;
(c) 500 megawatt-hours of gross interchange out; or
(d) 500 megawatt-hours of wheeling for others (deliveries plus losses)

III. What and Where to Submit:

(a) **Submit an original copy of this form to:**
Michigan Public Service Commission
Regulated Energy Division
7109 W Saginaw Hwy, PO Box 30221
Lansing, MI 48909
Retain one copy of this report for your files. Also submit the SEARCHABLE electronic version of this record to Jennifer Brooks at the address below or to brooksj10@michigan.gov

(b) Submit immediately upon publication, one (1) copy of the latest annual report to
Michigan Public Service Commission
Regulated Energy Division
7109 W Saginaw Hwy, PO Box 30221
Lansing, MI 48909

(c) For the CPA certification, submit with the original submission of the form, a letter or

(i) Contain a paragraph attesting to the conformity, in all material aspects, of the schedules and pages listed below with the Commission's applicable Uniform Systems of Accounts (including applicable notes relating thereto and the Chief Accountant's published accounting releases), and

(ii) Signed by independent certified public accountants or an independent licensed public accountant, certified or licensed by a regulatory authority or a state or other policitcal subdivision of the U.S. (See 18 CFR 41.10-41.12 for specific qualifications)

Schedules	Reference Page
Comparative Balance Sheet	110 - 113
Statement of Income	114 - 117
Statement of Retained Earnings	118 - 119
Statement of Cash Flows	120 - 121
Notes to Financial Statements	122 - 123

When accompanying this form, insert the letter or report immediately following the cover sheet. Use the following form for the letter or report unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied. Insert parenthetical phrases only when exceptions are reported.

> In connection with our regular examination of the financial statements of _____ for the year ended on which we have reported separately under the date of _____ we have also reviewed schedules _____ of Form P-521 for the year filed with the Michigan Public Service Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of accounting records and such other auditing procedures as we considered necessary in the circumstances.
>
> Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below) conform in all material respects with the accounting requirements of the Michigan Public Service Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

State in the letter or report which, if any, of the pages above do not conform to the Commission's requirements. Describe the discrepancies that exist.

(d) Federal, state, and local governments and other authorized users may obtain additional blank copies to meet their requirements for a charge from:

Michigan Public Service Commission
Regulated Energy Division
7109 W Saginaw Hwy, PO Box 30221
Lansing, MI 48909

IV. When to Submit

Submit this report form on or before April 30 of the year following the year covered by this report.

GENERAL INSTRUCTIONS

I. Prepare this report in conformity with the Uniform System of Accounts (USOA). Interpret all accounting words and phrases in accordance with the USOA.

II. Enter in whole number (dollars or MWH) only, except where otherwise noted. (Enter cents for averages and figures per unit where cents are important. The truncating of cents is allowed except on the four basic financial statements where rounding is required). The amounts shown on all supporting pages must agree with the amounts entered on the statements that they support. When applying thresholds to determine significance for reporting purposes, use for balance sheet accounts the balances

at the end of the current reporting year, and use for statement of income accounts the current year's accounts.

III. Complete each question fully and accurately, even if it has been answered in a previous annual report. Enter the word "NONE" where it truly and completely states the fact.

IV. For any page(s) that is not applicable to respondent, either

(a) Enter the words "NOT APPLICABLE" on the particular page(s), OR

(b) Omit the page(s) and enter "NA", "NONE", or "NOT APPLICABLE" in column (c) on the List of Schedules, pages 2, 3, 4 and 5.

V. Complete this report by means which result in a permanent record. Complete the original copy in permanent black ink or typewriter print, if practical. Additional copies must be clear and readable.

VI. Enter the month, day, and year for all dates. Use customary abbreviations. The "Date of Report" included in the header of each page is to be completed only for resubmissions (See VIII. below). The date of the resubmission must be reported in the header for all form pages, whether or not they are changed from the previous filing.

VII. Indicate negative amounts (such as decreases) by enclosing the figures in parentheses ( ).

VIII. When making revisions, resubmit only those pages that have been changed from the original submission. Submit the same number of copies as required for filing the form. Include with the resubmission the identification and Attestation page, page 1. Mail dated resubmissions to:

Michigan Public Service Commission
Regulated Energy Division
7109 W Saginaw Hwy, PO Box 30221
Lansing, MI 48909

IX. Provide a supplemental statement further explaining accounts or pages as necessary. Attach the supplemental statement (8 1/2 x 11 inch size) to the page being supplemented. Provide the appropriate identification information, including the title(s) of the page and page number supplemented.

X. Do not make references to reports of previous years or to other reports in lieu of required entries, except as specifically authorized.

XI. Wherever (schedule) pages refer to figures from a previous year, the figures reported must be based upon those shown by the annual report of the previous year, or an appropriate explanation given as to why the different figures were used.

XII. Respondents may submit computer printed schedules (reduced to 8 1/2 x 11 inch size) instead of preprinted schedules if they are in substantially the same format.

XIII. A copy of the FERC Annual Report Form is acceptable to substitute for the same schedules of this report.

DEFINITIONS

I. Commission Authorized (Comm. Auth.) - The authorization of the Michigan Public Service Commission, or any other Commission. Name the Commission whose authorization was obtained and give the date of the authorization.

II. Respondent - The person, corporation, licensee, agency, authority, or other legal entity or instrumentality in whose behalf the report is made.

MPSC FORM P-521

ANNUAL REPORT OF ELECTRIC UTILITIES, LICENSEES AND OTHERS (Major and Nonmajor)

IDENTIFICATION		
01 Exact Legal Name of Respondent Upper Michigan Energy Resources Corporation	02 Year of Report December 31, 2023	
03 Previous Name and Date of Change (if name changed during year)		
04 Address of Principal Business Office at End of Year (Street, City, St., Zip) 231 West Michigan Street, Milwaukee, WI 53203		
05 Name of Contact Person William J. Guc	06 Title of Contact Person Vice President, Controller, and Assistant Corporate Secretary	
07 Address of Contact Person (Street, City, St., Zip) 231 West Michigan Street, Milwaukee, WI 53203		
08 Telephone of Contact Person, Including Area Code: 414-221-5093	09 This Report is: (1) [X] An Original (2) [ ] A Resubmission	10 Date of Report (Mo, Da,Yr) April 29, 2024

ATTESTATION

The undersigned officer certifies that he/she has examined the accompanying report; that to the best of his/her knowledge, information, and belief, all statements of fact contained in the accompanying report are true and the accompanying report is a correct statement of the business and affairs of the above named respondent in respect to each and every matter set forth therein during the period from and including January 1 and including December 31 of the year of the report.

01 Name	03 Signature	04 Date Signed (Mo, Da,Yr)
Xia Liu		April 29, 2024
02 Title Executive Vice President and CFO		

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

LIST OF SCHEDULES (Electric Utility)

1. Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the responses are "none", "not applicable", or "NA".

2. The "M" prefix below denotes those pages where the information requested by the MPSC differs from that requested by FERC. Each of these pages also contains the "M" designation on the page itself.

Title of Schedule (a)	Reference Page No. (b)	Remarks (c)
GENERAL CORPORATE INFORMATION AND FINANCIAL STATEMENTS		
General Information	101	
Control Over Respondent & Other Associated Companies	M 102	
Corporations Controlled by Respondent	103	None
Officers and Employees	M 104	
Directors	105	
Security Holders and Voting Powers	M 106-107	
Important Changes During the Year	108-109	
Comparative Balance Sheet	M 110-113	
Statement of Income for the Year	M 114-117	Page 116 - None
Statement of Retained Earnings for the Year	M 118-119	
Statement of Cash Flows	120-121	
Notes to Financial Statements	122-123	
BALANCE SHEET SUPPORTING SCHEDULES (Assets and Other Debits)		
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion	200-201	
Nuclear Fuel Materials	202-203	None
Electric Plant in Service	M 204-211	
Electric Plant Leased to Others	213	None
Electric Plant Held for Future Use	214	None
Construction Work in Progress - Electric	M 216	
Construction Overheads - Electric	217	
General Description of Construction Overhead Procedure	M 218	
Accumulated Provision for Depreciation of Electric Utility Plant	M 219	
Nonutility Property	M 221	None
Investment in Subsidiary Companies	224-225	None
Material and Supply	227	
Allowances	228-229	None
Extraordinary Property Losses	230B	None
Unrecovered Plant and Regulatory Study Costs	230B	
Other Regulatory Assets	M 232	
Miscellaneous Deferred Debits	M 233	
Accumulated Deferred Income Taxes (Account 190)	234A-B	
BALANCE SHEET SUPPORTING SCHEDULES (Liabilities and Credits)		
Capital Stock	250-251	
Capital Stock Subscribed, Capital Stock Liability for Conversion Premium on Capital Stock, and Installments Received on Capital Stock	252	None

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)		Reference Page No. (b)	Remarks (c)
BALANCE SHEET SUPPORTING SCHEDULES (Liabilities and Other Credits) (Continued)			
Other Paid-in Capital		253	
Discount on Capital Stock		254	None
Capital Stock Expense		254	None
Long Term Debt		256-257	
Reconciliation of Reported Net Income with Taxable Income for Federal Income Tax	M	261A-B	Page 261B - None
Calculation of Federal Income Tax			
Taxes Accrued, Prepaid and Charged During Year	M	262-263	
Distribution of Taxes Charged	M	262-263	
Accumulated Deferred Income Taxes - Accelerated Amortization Property	M	272-273	None
Accumulated Deferred Income Taxes - Other Property	M	274-275	
Accumulated Deferred Income Taxes - Other	M	276A-B	
Other Regulatory Liabilities	M	278	
INCOME ACCOUNT SUPPORTING SCHEDULES			
Electric Operating Revenues	M	300-301	
Sales of Electricity by Rate Schedules		304	
Sales for Resale		310-311	
Electric Operation and Maintenance Expenses		320-323	
Number of Electric Department Employees		323	None
Purchased Power		326-327	
Transmission of Electricity for Others		328-330	None
Transmission of Electricity by Others		332	
Miscellaneous General Expenses - Electric	M	335	
Depreciation and Amortization of Electric Plant	M	336-337	Page 337 - None
Particulars Concerning Certain Income Deduction and Interest Charges Accounts		340	
COMMON SECTION			
Regulatory Commission Expenses		350-351	
Research, Development and Demonstration Activities		352-353	
Distribution of Salaries and Wages		354-355	
Common Utility Plant and Expenses		356	
ELECTRICAL PLANT STATISTICAL DATA			
Monthly Transmission System Peak Load	M	400	Not Applicable
Electric Energy Account		401	
Monthly Peaks and Output		401	
Steam-Electric Generating Plant Statistics (Large Plants)		402-403	Page 403-None
Hydroelectric Generating Plant Statistics (Large Plants)		406-407	None
Pumped Storage Generating Plant Statistics (Large Plants)		408-409	None
Generating Plant Statistics (Other Plants)		410-411	None

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Reference Page No. (b)	Remarks (c)
ELECTRIC PLANT STATISTICAL DATA (Continued)		
Transmission Lines Statistics	422-423	None
Transmission Lines Added During Year	424-425	None
Substations	426-427	
Electric Distribution Meters and Line Transformers	429	
Environmental Protection Facilities	430	
Environmental Protection Expenses	431	
Renewable Energy Resources	432	None
Renewable Energy Resource Expenses	433	
Footnote Data	450	
Stockholders' Report	--	
MPSC SCHEDULES		
Reconciliation of Deferred Income Tax Expenses	117A-B	
Operating Loss Carry Forward	117C	None
Plant Acquisition Adjustments and Accumulated Provision for Amortization of Plant Acquisition Adjustments	215	None
Construction Work in Progress and Completed Construction Not Classified - Electric	216	
Accumulated Provision for Depreciation and Amortization of Nonutility Property	221	None
Investments	222-223	None
Notes & Accounts Receivable Summary for Balance Sheet	226A	
Accumulated Provision for Uncollectible Accounts - Credit	226A	
Receivables From Associated Companies	226B	
Production Fuel and Oil Stocks	227A-B	None
Miscellaneous Current and Accrued Assets	230A	
Preliminary Survey and Investigation Charges	231A-B	
Deferred Losses from Disposition of Utility Plant	235A-B	None
Unamortized Loss and Gain on Reacquired Debt	237A-B	None
Securities Issued or Assumed and Securities Refunded or Retired During the Year	255	None
Notes Payable	260A	None
Payables to Associated Companies	260B	
Investment Tax Credit Generated and Utilized	264-265	Pages Eliminated by MPSC
Miscellaneous Current and Accrued Assets	268	
Customer Advances for Construction	268	
Deferred Gains from Disposition of Utility Plant	270A-B	None
Accumulated Deferred Income Taxes - Temporary	277	None
Gain or Loss on Disposition of Property	280A-B	None
Income from Utility Plant Leased to Others	281	None
Particulars Concerning Certain Other Income Accounts	282	
Electric Operation and Maintenance Expenses (Nonmajor)	320N-324N	Not Applicable
Number of Electric Department Employees	324N	Not Applicable
Sales to Railroad & Railways and Interdepartmental Sales	331A	
Rent From Electric Property & Interdepartmental Rents	331A	
Sales of Water and Water Power	331B	None
Misc. Service Revenues & Other Electric Revenues	331B	
Lease Rentals Charged	333A-D	None
Expenditures for Certain Civic, Political and Related Activities	341	

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Reference Page No. (b)	Remarks (c)
MPSC SCHEDULES (Continued)		
Extraordinary Items	342	None
Charges for Outside Professional and Other Consultative Services	357	
Summary of Costs Billed to Associated Companies	358-359	
Summary of Costs Billed from Associated Companies	360-361	
Monthly Transmission System Peak Load	400	Not Applicable
Changes Made or Scheduled to be Made in Generating Plant Capacities	412	None
Steam-Electric Generating Plants	413A-B	None
Hydroelectric Generating Plants	414-415	None
Pumped Storage Generating Plants	416-418	None
Internal Combustion Engine and Gas Turbine Generating Plants	420-421	

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

GENERAL INFORMATION

1. Provide name and title of officer having custody of the general corporate books of account and address of office where the general corporate books are kept, and address of office where any other corporate books of account are kept, if different from that where the general corporate books are kept.

Xia Liu
Executive Vice President and CFO
231 West Michigan Street
Milwaukee, WI 53203

2. Provide the name of the State under the laws of which respondent is incorporated, and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state the fact and give the type of organization and date organized.

Upper Michigan Energy Resources Corporation was incorporated in Michigan on September 29, 2016.

3. If at any time during the year the property of respondent was held by receiver or trustee, give (a) name of receiver or trustee, (b) date such receiver or trustee took possession, (c) the authority by which the receivership or trusteeship was created, and (d) date which possession by receivership or trustee ceased.

Not applicable.

4. State the classes of utility or other services furnished by respondent during the year in each State in which the respondent operated.

Upper Michigan Energy Resources Corporation is an electric and gas utility that supplies and distributes electric power and natural gas in its franchised service territory in the Upper Peninsula of Michigan.

5. Have you engaged as the principal accountant to audit your financial statements an accountant who is not the principal accountant for your previous year's certified financial statements?

1. [ ] Yes….. Enter date when such independent accountant was initially engaged: _____

2. [X] No

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

CONTROL OVER RESPONDENT & OTHER ASSOCIATED COMPANIES

1. If any corporation, business trust, or similar organization or combination of such organization jointly held control over respondent at the end of year, state name of controlling corporation or organization, manner in which control was held, and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust.

2. List any entities which respondent did not control either directly or indirectly and which did not contrc respondent, but which were associated companies at any time during the year.

3. Provide an Organization Chart for the entire business network to include all corporations, business trusts, or similar organization or combination of such organizations whether the entities held control or not. Include any associated companies with the respondent at any time during the year. In addition to this visual representation, provide an explanation or narrative you believe to be useful to accurately describe the Organizational Chart.

Upper Michigan Energy Resources Corporation is a wholly owned subsidiary of WEC Energy Group, Inc.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

CONTROL OVER RESPONDENT & OTHER ASSOCIATED COMPANIES

1. If any corporation, business trust, or similar organization or combination of such organization jointly held control over respondent at the end of year, state name of controlling corporation or organization, manner in which control was held, and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust.
2. List any entities which respondent did not control either directly or indirectly and which did not control respondent, but which were associated companies at any time during the year.
3. Provide an Organization Chart for the entire business network to include all corporations, business trusts, or similar organization or combination of such organizations whether the entities held control or not. Include any associated companies with the respondent at any time during the year. In addition to this visual representation, provide an explanation or narrative you believe to be useful to accurately describe the Organizational Chart.

WEC Energy Group, Inc. Subsidiaries (Exhibit 21.1 to the 2023 SEC Form 10-K):

- ATC Holding LLC
  - American Transmission Company LLC
  - ATC Development Manager, Inc.
  - ATC Holdco LLC
  - ATC Management Inc.
- Bluewater Natural Gas Holding, LLC
  - BGS Kimball Gas Storage, LLC
  - Bluewater Gas Storage, LLC
- Integrys Holding, Inc.
  - Michigan Gas Utilities Corporation
  - Minnesota Enegy Resources Corporation
  - Peoples Energy, LLC
    - North Shore Gas Company
    - Peoples Energy Ventures, LLC
    - The Peoples Gas Light and Coke Company
  - Wisconsin Public Service Corporation
    - Wisconsin River Power Company
    - Wisconsin Valley Improvement Company
  - WPS Power Development, LLC
  - WPS Visions, Inc.
- Upper Michigan Energy Resources Corporation
- W.E. Power, LLC
  - Elm Road Generating Station Supercritical, LLC
  - Elm Road Services, LLC
  - Port Washington Generation Station, LLC
- WEC Business Services LLC
- WEC Infrastructure LLC
  - Samson OpCo Holdings LLC
  - Sapphire Sky Wind Energy Holdings LLC
  - Thunderhead Wind Energy Holdings LLC
  - WEC Infrastructure Wind Holding I LLC
    - Bishop Hill Enegy III Holdings LLC
    - Blooming Grove Wind Energy Center Holdings LLC
    - Coyote Ridge Wind, LLC
    - Upstream Wind Energy Holdings, LLC
  - WEC Infrastructure Wind Holding II LLC
    - Jayhawk Wind, LLC
    - Tatanka Ridge Wind, LLC
- WEC Investments, LLC
- Wisconsin Electric Power Company
- Wisconsin Energy Capital Corporation
- Wisconsin Gas LLC
- Wispark LLC
- Wisvest LLC

* Omits the names of certain subsidiaries, which if considered in the aggregate as a single subsidiary, would not constitute a "significant subsidiary" as of December 31, 2023. Indirectly owned subsidiaries are listed under the subsidiaries through which WEC Energy Group, Inc. holds ownership.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

OFFICERS AND EMPLOYEES

1. Report below the name, title and salary for the five executive officers.
2. Report in column (b) salaries and wages accrued during the year including deferred compensation.
3. In column (c) report any other compensation provided, such as bonuses, car allowance, stock options and rights, savings contribution, etc., and explain in a footnote what the amounts represent. Provide type code for other compensation in column (d).
4. If a change was made during the year in the incumbent of any position, show the name and total remuneration of the previous incumbent and the date the change in incumbency occurred.
5. Upon request, the Company will provide the Commission with supplemental information on officers and other employees and salaries.

Line	Name and Title	Base Wages	Other Compensation	Type of Other Compensation	Total Compensation
	(a)	(b)	(c)	(d)	(e)
1	Scott J. Lauber President	15,275	44,276	A	59,551
2	Xia Liu Executive Vice President and CFO	12,408	20,552	A	32,960
3	Margaret C. Kelsey Executive Vice President, General Counsel, and Corporate Secretary	7,062	10,966	A	18,028
5	Anthony L. Reese Vice President and Treasurer	5,123	4,773	A	9,896
6	William J. Guc Vice President, Controller, and Assistant Secretary	5,304	5,491	A	10,795
	NOTE: Officers received compensation from WEC Energy Group and/or its other affiliated companies. The dollars reported on this page represent the salaries that were charged to this utility during the year.				

	Footnote Data
1	
2	
3	
4	

Compensation Type Codes:
A = Executive Incentive Compensation
B = Incentive Plan (Matching Employer Contribution)
C = Stock Plans
D = Other Reimbursements

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

DIRECTORS

1. Report below any information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.

2. Designate members of the Executive Committee by a triple asterisk and the Chairman of the Executive Committee by a double asterisk.

	Name and Title of Director (a)	Principal Business Address (b)	# of Directors Meetings During Yr (c)	Fees During Yr (d)
1	Scott J. Lauber President	231 West Michigan Street Milwaukee, WI 53203	5	None
2	Margaret C. Kelsey Executive Vice President, General Counsel, and Corporate Secretary	231 West Michigan Street Milwaukee, WI 53203	5	None
3	Xia Liu Executive Vice President and Chief Financial Officer	231 West Michigan Street Milwaukee, WI 53203	5	None
4	William Mastoris	231 West Michigan Street Milwaukee, WI 53203	5	None
5	Paul J. Spicer Senior Vice President - Power Generation	231 West Michigan Street Milwaukee, WI 53203	4	None

Footnote Data

Column c - Number of Directors meetings includes in person meetings and unanimous consent actions.

We do not have an Executive Committee.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

SECURITY HOLDERS AND VOTING POWERS

1. (A) Give the names and addresses of the 10 security holders of the respondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent, prior to the end of the year, had the highest voting powers in the respondent, and state the number of votes which each would have had the right to cast on that date if a meeting were then in order. If any such holder held in trust, give in a footnote the known particulars of the trust (whether voting trust, etc.), duration of trust, and principal holders of beneficiary interests in the trust. If the stock book was not closed or a list of stockholders was not compiled within one year prior to the end of the year, or if since the previous compilation of a list of stockholders, some other class of security has become vested with voting rights, then show such 10 security holders as of the close of the year. Arrange the names of the security holders in the order of voting power, commencing with the highest. Show in column (a) the titles of officers and directors included in such list of 10 security holders.

1. (B) Give also the name and indicate the voting powers resulting from ownership of securities of the respondent of each officer and director not included in the list of 10 largest security holders.

2. If any security other than stock carries voting rights, explain in a supplemental statement the circumstances whereby such security became vested with voting rights and give other important particulars (details) concerning the voting rights of such security. State whether voting rights are actual or contingent; if contingent, describe the contingency.

3. If any class or issue of security has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by any method, explain briefly in a footnote.

4. Furnish particulars (details) concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent, including prices, expiration dates, and other material information relating to exercise of the options, warrants, or rights. Specify the amount of such securities or assets so entitled to be purchased by any officer, director, associated company, or any of the ten largest security holders. This instruction is inapplicable to convertible securities or to any securities substantially all of which are outstanding in the hands of the general public where the options, warrants, or rights were issued on a prorata basis.

1. Give date of the latest closing of the stock book prior to end of year, and state the purpose of such closing:

Stock books are not closed prior to the end of the year.

2. State the total number of votes cast at the latest general proxy meeting prior to the end of year for election of directors of the respondent and number of such votes cast by proxy:

Total: 2,000

By Proxy: 0

Business of the meeting was conducted by unanimous consent of the sole shareholder, WEC Energy Group, Inc., on June 1, 2023.

3. Give the date and place of such meeting:

In lieu of an annual meeting, business was conducted by unanimous consent of the sole shareholder, WEC Energy Group, Inc., on June 1, 2023.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

SECURITY HOLDERS AND VOTING POWERS (Continued)

Line	Name (Title) and Address of Security Holder (a)	VOTING SECURITIES Number of votes as of (date): Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
4	TOTAL votes all voting securities	2,000	2,000	-	-
5	TOTAL number of security holders	1	1	-	-
6	TOTAL votes of security holders listed below	2,000	2,000	-	-
7	WEC Energy Group, Inc.		2,000		
8	231 West Michigan Street				
9	Milwaukee, WI 53203				
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#	RESPONSE/NOTES TO INSTRUCTION #
2	Not applicable
3	Not applicable
4	Not applicable

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Co	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

IMPORTANT CHANGES DURING THE YEAR

Give particulars (details) concerning the matters indicated below. Make the statements explicit and precise, and number them in accordance with the inquiries. Each inquiry should be answered. Enter "none", "not acceptable" or "NA" where applicable. If the information which answers an inquiry is given elsewhere in the report, make a reference to the schedule in which it appears.

1. Changes in and important additions to franchise rights: Describe the actual consideration given therefor and state from whom the franchise rights were acquired. If acquired without the payment of consideration, state that fact.

2. Acquisition of ownership in other companies by reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.

3. Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.

4. Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents and other conditions. State name of Commission authorizing lease and give reference to such authorization.

5. Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company must also state major new continuing sources of gas made available to it from purchases, development, purchase contract or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements etc.

6. Obligations incurred as a result of issuance of securities or assumption of liabilities or guarantees including issuance of short-term debt and commercial paper having a maturity of one year or less. Give reference to FERC or State Commission authorization, as appropriate, and the amount of obligation or guarantee.

7. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.

8. State the estimated annual effect and nature of any important wage scale changes during the year.

9. State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.

10. Describe briefly and materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on page 106, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.

11. (Reserved.)

12. If the important changes during the year relating to the respondent company appearing in the annual report to stockholders are applicable in every respect and furnish the data required by instruction 1 to 11 above, such notes may be attached to this page.

IMPORTANT CHANGES DURING THE YEAR (Continued)

See listing of Acronyms Used in This Report at Page 123.1. In this report, when we refer to "us," "we," or "ours," we are referring to UMERC.

1. None.

2. None.

3. None.

4. None.

5. None.

6. At December 31, 2023, UMERC had $15.2 million of short-term notes payable to WEC Energy Group.

On August 28, 2019, UMERC issued $160.0 million principal amount of 3.26% Senior Notes Due August 28, 2029. FERC authorization was issued on June 5, 2019 under an Order Authorizing Issuances of Securities in Docket ES19-23-000.

7. There have been no changes to the Articles of Incorporation (filed September 29, 2016).

8. Not applicable.

9. See UMERC Condensed Notes to Financial Statements, Note 13, Commitments and Contingencies.

10. No material transactions to report.

11. Reserved.

12. Not applicable.

13. There have been no changes during the reporting period.

14. Not applicable.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS)

Line No.	Title of Account (a)	Ref. Page No. (b)	Balance at Beginning of Year (c)	Balance at End of Year (d)
1	**UTILITY PLANT**			
2	Utility Plant (101-106, 114)	200-201	510,199,761	520,148,233
3	Construction Work in Progress (107)	200-201	1,132,451	2,161,142
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		511,332,212	522,309,375
5	(Less) Accum Prov for Depr Amort Depl (108, 110, 111, 115)	200-201	117,717,837	128,250,109
6	Net Utility Plant (Enter total of line 4 less 5)		393,614,375	394,059,266
7	Nuclear Fuel in Process of Ref, Conv, Enrich and Fab (120.1)			
8	Nuclear Fuel Materials & Assemblies - Stock Account (120.2)			
9	Nuclear Fuel Assemblies in Reactor (120.3)			
10	Spent Nuclear Fuel (120.4)			
11	Nuclear Fuel under Capital Leases (120.6)			
12	(Less) Accumulated Provision of Amortization of Nuclear Fuel Assemblies (120.5)	202-203		
13	Net Nuclear Fuel (Enter total of lines 7-11 less 12)		0	0
14	Net Utility Plant (Enter total of lines 6 and 13)		393,614,375	394,059,266
15	Utility Plant Adjustments (116)	122		
16	Gas Stored Underground-Noncurrent (117)	---		
17	**OTHER PROPERTY AND INVESTMENTS**			
18	Nonutility Property (121)	221		
19	(Less) Accum. Prov. for Depr. and Amort. (122)	---		
20	Investments in Associated Companies (123)	222-223		
21	Investments in Subsidiary Companies (123.1)	224-225		
22	(For cost of Account 123.1, See Footnote Page 224, line 42)			
23	Noncurrent Portion of Allowances	228-229		
24	Other Investments (124)			
25	Sinking Funds (125)			
26	Depreciation Fund (126)			
27	Amortization Fund - Federal (127)			
28	Other Special Funds (128)			
29	Special Funds (Non-Major Only) (129)			
30	Long-Term Portion of Derivative Assets (175)			
31	Long-Term Portion of Derivative Assets - Hedges (176)			
32	TOTAL Other Property and Investments (Total of lines 18 thru 21, 23 thru 31)		0	0
33	**CURRENT AND ACCRUED ASSETS**			
34	Cash and Working Funds (Non-Major Only) (130)			
35	Cash (131)	---	0	0
36	Special Deposits (132-134)	---		
37	Working Fund (135)	---		
38	Temporary Cash Investments (136)	222-223		
39	Notes Receivable (141)	226A		
40	Customer Accounts Receivable (142)	226A	19,836,612	16,729,391
41	Other Accounts Receivable (143)	226A	1,266,665	172,128
42	(Less) Accum. Prov. for Uncoll. Acct.-Credit (144)	226A	2,296,849	2,846,979
43	Notes Receivable from Assoc. Companies (145)	226B		
44	Accounts Receivable from Assoc. Companies (146)	226B	14,277,652	8,709,979
45	Fuel Stock (151)	227		
46	Fuel Stock Expenses Undistributed (152)	227		
47	Residuals (Elec) and Extracted Products (153)	227		
48	Plant Materials and Operating Supplies (154)	227	3,828,654	4,967,523
49	Merchandise (155)	227		
50	Other Materials and Supplies (156)	227		
51	Nuclear Materials Held for Sale (157)	202-203, 227		
52	Allowances (158.1 and 158.2)	228-229	15,000	15,000

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Month, Day, Year) 4/29/2024	Year of Report December 31, 2023

COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS) (Continued)

Line No.	Title of Account (a)	Ref. Page No. (b)	Balance at Beginning of Year (c)	Balance at End of Year (d)
53	(Less) Noncurrent Portion of Allowances	---		
54	Stores Expense Undistributed (163)	227		
55	Gas Stored Underground-Current (164.1)	---		
56	Liquefied Natural Gas Stored and Held for Processing (164.2-164.3)	---		
57	Prepayments (165)	---	491,487	509,866
58	Advances for Gas (166-167)	---		
59	Interest and Dividends Receivable (171)	---		
60	Rents Receivable (172)	---		
61	Accrued Utility Revenues (173)	---	12,777,032	9,244,953
62	Misc Current and Accrued Assets (174)		6,873,482	2,348
63	Derivative Instrument Assets (175)		822,874	976,158
64	(Less) LT Portion of Derivative Inst. Assets (175)			
65	Derivative Instrument Assets - Hedges (176)			
66	(Less) LT Portion of Derivative Instr. Assets - Hedges (176)			
67	TOTAL Current and Accrued Assets (Enter total of lines 34 thru 66)		57,892,609	38,480,367
68	**DEFERRED DEBITS**			
69	Unamortized Debt Expenses (181)	---	847,578	720,441
70	Extraordinary Property Losses (182.1)	230		
71	Unrecovered Plant & Regulatory Study Costs (182.2)	230	12,692,528	12,256,888
72	Other Regulatory Assets (182.3)	232	8,058,910	7,609,959
73	Prelim. Survey & Invest. Charges (Elec) (183)	231	12,073	116,213
74	Prelim. Survey & Invest. Charges (Gas) (183.1)	---		
75	Other Prelim. Survey & Investigation Charges (183.2)			
76	Clearing Accounts (184)	---		
77	Temporary Facilities (185)	---		
78	Miscellaneous Deferred Debits (186)	233	708,304	140,117
79	Def. Losses from Disposition of Utility Plant (187)	235		
80	Research, Devel. and Demonstration Expend (188)	352-353		
81	Unamortized Loss on Reacquired Debt (189)	237		
82	Accumulated Deferred Income Taxes (190)	234	5,673,543	5,797,351
83	Unrecovered Purchased Gas Costs (191)	---		
84	TOTAL Deferred Debits (Enter total of lines 69 thru 83)		27,992,936	26,640,969
85	TOTAL Assets and Other Debits (Enter total of lines 14 thru 16, 32, 67, and 84)		479,499,920	459,180,602

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
110	52	c	This is renewable energy credits. Account 158.3, "Renewable Energy Credit Inventory," includes the following: Ending Balance 12/31/2021 $ 15,000 Plus: Renewable energy credits purchased - system - Ending Balance 12/31/2022 $ 15,000
110	52	d	This is renewable energy credits. Account 158.3, "Renewable Energy Credit Inventory," includes the following: Ending Balance 12/31/2022 $ 15,000 Plus: Renewable energy credits purchased - system - Ending Balance 12/31/2023 $ 15,000

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Month, Day, Year) 4/29/2024	December 31, 2023

COMPARATIVE BALANCE SHEET (LIABILITIES AND OTHER CREDITS)

Line No.	Title of Account (a)	Ref. Page No. (b)	Balance at Beginning of Year (c)	Balance at End of Year (d)
1	**PROPRIETARY CAPITAL**			
2	Common Stock Issued (201)	250-251	20	20
3	Preferred Stock Issued (204)	250-251		
4	Capital Stock Subscribed (202, 205)	252		
5	Stock Liability for Conversion (203, 206)	252		
6	Premium on Capital Stock (207)	252		
7	Other Paid-In Capital (208-211)	253	169,425,776	169,425,776
8	Installments Received on Capital Stock (212)	252		
9	(Less) Discount on Capital Stock (213)	254		
10	(Less) Capital Stock Expense (214)	254		
11	Retained Earnings (215, 215.1, 216)	118-119	22,216,978	17,814,325
12	Unappropriated Undistributed Subsidiary Earnings (216.1)	118-119		
13	(Less) Reacquired Capital Stock (217)	250-251		
14	Noncorporate Propietorship (Non-major only)			
15	Accumulated Other Comprehensive Income (219)	117		
16	TOTAL Proprietary Capital (Enter total of lines 2 thru 15)		191,642,774	187,240,121
17	**LONG-TERM DEBT**			
18	Bonds (221)	256-257	160,000,000	160,000,000
19	(Less) Reacquired Bonds (222)	256-257		
20	Advances from Associated Companies (223)	256-257		
21	Other Long-Term Debt (224)	256-257		
22	Unamortized Premium on Long-Term Debt (225)	---		
23	(Less) Unamortized Discount on Long-Term Debt - Debit (226)	---		
23	(Less) Current Portion of Long-Term Debt			
24	TOTAL Long-Term Debt (Enter Total of lines 18 thru 23)		160,000,000	160,000,000
25	**OTHER NONCURRENT LIABILITIES**			
26	Obligations Under Capital Leases-Noncurrent (227)			
27	Accumulated Prov. for Property Insurance (228.1)			
28	Accumulated Prov. for Injuries and Damages (228.2)			
29	Accumulated Prov. for Pensions and Benefits (228.3)			
30	Accumulated Misc. Operating Provisions (228.4)			
31	Accumulated Provision for Rate Refunds (229)			
32	Long-Term Portion of Derivative Instrument Liabilities			
33	LT Portion of Derivative Instrument Liabilities - Hedges			
34	Asset Retirement Obligations (230)			
35	TOTAL Other Noncurrent Liabilities (Enter total of lines 26 thru 34)		0	0
36	**CURRENT AND ACCRUED LIABILITIES**			
37	Notes Payable (231)			
38	Accounts Payable (232)		12,848,912	8,612,372
39	Notes Payable to Associated Companies (233)		27,100,000	15,200,000
40	Accounts Payable to Associated Companies (234)		8,491,522	6,109,876
41	Customer Deposits (235)			
42	Taxes Accrued (236)	262-263	6,127,071	6,363,803
43	Interest Accrued (237)		1,782,133	1,782,133
44	Dividends Declared (238)			
45	Matured Long-Term Debt (239)			

Name of Respondent	This Report is	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Month, Day, Year) 4/29/2024	December 31, 2023

COMPARATIVE BALANCE SHEET (LIABILITIES AND OTHER CREDITS) (Continued)

Line No.	Title of Account (a)	Ref. Page No. (b)	Balance at Beginning of Year (c)	Balance at End of Year (d)
46	Matured Interest (240)			
47	Tax Collections Payable (241)		126,606	112,255
48	Misc. Current and Accrued Liabilities (242)		2,133,779	3,027,131
49	Obligations Under Capital Leases - Current (243)			
50	Derivative Instrument Liabilities (244)			169,465
51	(Less) LT Portion of Derivative Instrument Liabilities			
52	Derivative Instrument Liabilities - Hedges (245)			
53	(Less) LT Portion of Derivative Instrument Liabilities - Hedges			
54	Federal Income Taxes Accrued for Prior Years (246)			
55	State and Local Taxes Accrued for Prior Years (246.1)			
56	Federal Income Taxes Accrued for Prior Years - Adjustments (247)			
57	State and Local Taxes Accrued for Prior Years - Adjustments (247.1)			
58	TOTAL Current and Accrued Liabilities (Enter total of lines 37 thru 57)		58,610,023	41,377,035
59	**DEFERRED CREDITS**			
60	Customer Advances for Construction (252)		259,012	320,036
61	Accumulated Deferred Investment Tax Credits (255)			
62	Deferred Gains from Disposition of Utility Plt. (256)			
63	Other Deferred Credits (253)		737,500	875,000
64	Other Regulatory Liabilities (254)		17,779,731	17,791,689
65	Unamortized Gain on Reacquired Debt (257)			
66	Accumulated Deferred Income Taxes - Accelerated Amort. (281)			
67	Accumulated Deferred Income Taxes - Other Property (282)		42,600,076	45,753,553
68	Accumulated Deferred Income Taxes - Other (283)		7,870,804	5,823,168
69	TOTAL Deferred Credits (Enter Total of lines 60 thru 68)		69,247,123	70,563,446
70	TOTAL Liabilities and Other Credits (Enter total of lines 16, 24, 35, 58 and 69)		479,499,920	459,180,602

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Name of Respondent	This Report is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Month, Day, Year) 4/29/2024	December 31, 2023

STATEMENT OF INCOME FOR THE YEAR

1. Report amounts for accounts 412 and 413, *Revenue* and *Expenses from Utility Plant Leased to Others*, in another utility column (l, k, m, o) in a similar manner to a utility department. Spread the amount(s) over lines 02 thru 24 as appropriate. Include these amounts in columns (c) and (d) totals.
2. Report amounts in account 414, *Other Utility Operating Income*, in the same manner as accounts 412 and 413 above.
3. Report data for lines 7, 9 and 10 for Natural Gas companies using accounts 404.1, 404.2, 404.3, 407.1, and 407.2.
4. Use page 122 for Important notes regarding the statement of income or any account thereof.
5. Give concise explanations concerning unsettled rate proceedings where a contingency exists such that refunds of a material amount may need to be made to the utility's customers or which may result in a material refund to the utility with respect to power or gas purchases. State for each year affected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power and gas purchases
6. Give concise explanations concerning significant amounts of any refunds made or received during the year

Line No.	Account (a)	(Ref.) Page No. (b)	TOTAL Current Year (c)	TOTAL Previous Year (d)
1	UTILITY OPERATING INCOME			
2	Operating Revenues (400)	300-301	154,618,975	206,357,282
3	Operating Expenses			
4	Operation Expenses (401)	320-323	94,093,573	148,051,881
5	Maintenance Expenses (402)	320-323	8,408,990	8,637,679
6	Depreciation Expenses (403)	336-337	15,151,563	14,696,836
7	Depreciation Expense for Asset Retirement Costs (403.1)			
8	Amortization & Depl. Of Utility Plant (404-405)	336-337	318,331	286,361
9	Amortization Of Utility Plant Acq. Adj. (406)	336-337		
10	Amort. Of Property Losses, Unrecovered Plant and Regulatory Study Costs (407)		434,060	407,392
11	Amort. Of Conversion Expenses (407.2)			
12	Regulatory Debits (407.3)		488,392	527,311
13	(Less) Regulatory Credits (407.4)		7,560	7,560
14	Taxes Other Than Income Taxes (408.1)	262-263	6,782,244	7,105,352
15	Income Taxes - Federal (409.1)	262-263	3,791,104	875,436
16	Income Taxes - Other (409.1)	262-263	954,747	42,218
17	Provision for Deferred Income Taxes (410.1)	234,272-276	6,367,249	8,818,987
18	(Less) Provision for Deferred Income Taxes Cr. (411.1)	234,272-276	5,517,672	4,452,456
19	Investment Tax Credit Adj. - Net (411.4)	266-267		
20	(Less) Gains from Disp. of Utility Plant (411.7)	270A-B		
21	Losses from Disposition of Utility Plant (411.6)	235A-B		
22	(Less) Gains from Disposition of Allowances (411.8)			
23	Losses from Disposition of Allowances (411.9)			
24	Accretion Expense (411.10)			
25	TOTAL Utility Operating Expenses *(Enter Total of lines 4 thru 24)*		131,265,021	184,989,437
26	Net Utility Operating Income *(Enter Total of line 2 less 25)* (Carry forward to page 117, line 27)		23,353,954	21,367,845

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

STATEMENT OF INCOME FOR THE YEAR (Continued)

resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases, and a summary of the adjustments made to balance sheet, income, and expenses accounts.

7. If any notes appearing in the report to stockholders are applicable to this Statement of Income, such notes may be attached at page 122.

8. Enter on page 122 a concise explanation of only those changes in accounting methods made during the year which had an effect on net income, including the basis of allocations and apportionments from those used in the preceding year. Also give the approximate dollar effect of such changes.

9. Explain in a footnote if the previous year's figures are different from that reported in prior reports.

10. If the columns are insufficient for reporting additional utility departments, supply the appropriate account titles, lines 2 to 23, and report the information in the blank space on page 122 or in a supplemental statement.

ELECTRIC UTILITY		GAS UTILITY		OTHER UTILITY		
Current Year (e)	Previous Year (f)	Current Year (g)	Previous Year (h)	Current Year (i)	Previous Year (j)	Line No.
						1
150,028,653	200,703,606	4,590,322	5,653,676			2
						3
90,372,299	143,241,617	3,721,274	4,810,264			4
8,353,144	8,557,785	55,846	79,894			5
14,902,684	14,437,459	248,879	259,377			6
						7
298,078	267,186	20,253	19,175			8
						9
434,060	407,392					10
						11
488,392	527,311					12
7,560	7,560					13
6,538,874	6,095,439	243,370	1,009,913			14
3,837,560	1,117,399	(46,456)	(241,963)			15
972,249	124,876	(17,502)	(82,658)			16
6,018,303	8,350,813	348,946	468,174			17
5,310,057	4,173,937	207,615	278,519			18
						19
						20
						21
						22
						23
						24
126,898,026	178,945,780	4,366,995	6,043,657	0	0	25
23,130,627	21,757,826	223,327	(389,981)	0	0	26

Name of Respondent	This Report is:	Date of Report	Year of Report
	(1) [X] An Original	(Month, Day, Year)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

STATEMENT OF INCOME PER THE YEAR (Continued)

Line No.	Account (a)	(Ref.) Page No. (b)	TOTAL Current Year (c)	TOTAL Previous Year (d)
27	Net Utility Operating Income (Carried forward from Page 114)		23,353,954	21,367,845
28	**OTHER INCOME AND DEDUCTIONS**			
29	Other Income			
30	Nonutility Operating Income			
31	Revenue From Merchandising, Jobbing and Contract Work (415)	282		
32	(Less Costs and Exp. Of Merchandising, Job & Contract Work (416)	282		
33	Revenue From Non Utility Operations (417)	282		
34	(Less) Expenses of Nonutility Operations (417.1)	282		
35	Nonoperating Rental Income (418)	282	100	100
36	Equity in Earnings of Subsidiary Companies (418.1)	119, 282		
37	Interest and Dividend Income (419)	282		
38	Allowance for Other Funds Used During Construction (419.1)	282	28,404	125,554
39	Miscellaneous Nonoperating Income (421)	282	(34,826)	(25,110)
40	Gain on Disposition of Property (421.1)	280		
41	TOTAL Other Income *(Enter Total of lines 31 thru 40)*		(6,322)	100,544
42	Other Income Deductions			
43	Loss on Disposition of Property (421.2)	280		9,957
44	Miscellaneous Amortization (425)	340		
45	Donations (426.1)		6,339	
46	Life Insurance (426.2)			
47	Penalties (426.3)		3,392	1
48	Expenditures for Certain Civic, Political, and Related Activities (426.4)		31,834	11,664
49	Other Deductions (426.5)		8,129	8,261
50	TOTAL Other Income Deductions *(Total of lines 43 thru 49)*		49,694	29,883
51	Taxes Applicable to Other Income and Deductions			
52	Taxes Other Than Income Taxes (408.2)	262-263		
53	Income Taxes - Federal (409.2)	262-263	96,344	142,625
54	Income Taxes - Other (409.2)	262-263	29,284	43,351
55	Provision for Deferred Income Taxes (410.2)	234,272-276	4,979	4,980
56	(Less) Provision for Deferred Income Taxes - Cr. (411.2)	234,272-276	106,700	106,700
57	Investment Tax Credit Adjustment - Net (411.5)	264-265		
58	(Less) Investment Tax Credits (420)	264-265		
59	TOTAL Taxes on Other Income and Deductions *(Total of 52 thru 58)*		23,907	84,256
60	Net Other Income and Deductions *(Total of lines 41, 50 and 59)*		(79,923)	(13,595)
61	**INTEREST CHARGES**			
62	Interest on Long-Term Debt (427)	257	5,216,000	5,216,000
63	Amort. of Debt Disc. and Expenses (428)	256-257	127,137	127,137
64	Amortization of Loss on Reacquired Debt (428.1)			
65	(Less) Amort. of Premium on Debt-Credit (429)	256-257		
66	(Less) Amortization of Gain on Reacquired Debt-Credit (429.1)			
67	Interest on Debt to Associated Companies (430)	257-340	1,128,068	609,541
68	Other Interest Expense (431)	340	217,708	195,268
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr.(432)		12,229	54,059
70	Net Interest Charges *(Total of lines 62 thru 69)*		6,676,684	6,093,887
71	Income Before Extraordinary Items *(Total of lines 27, 60 and 70)*		16,597,347	15,260,363
72	**EXTRAORDINARY ITEMS**			
73	Extraordinary Income (434)	342		
74	(Less) Extraordinary Deductions (435)	342		
75	Net Extraordinary Items *(Total of line 73 less line 74)*		0	0
76	Income Taxes - Federal and Other (409.3)	262-263		
77	Extraordinary Items After Taxes *(Enter Total of line 75 less line 76)*		0	0
78	Net Income *(Enter Total of Lines 71 and 77)*		16,597,347	15,260,363

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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

RECONCILIATION OF DEFERRED INCOME TAX EXPENSE

1. Report on this page the charges to accounts 410, 411 and 420 reported in the contra accounts 190, 281, 282, 283 and 284.

2. The charges to the subaccounts of 410 and 411 found on pages 114-117 should agree with the subaccount totals reported on these pages.

In the event the deferred income tax expenses reported on pages 114-117 do not directly reconcile with the amounts found on these pages, then provide the additional information requested in instruction #3, on a separate page.

Line No.		Electric Utility	Gas Utility
1	Debits to Account 410 from:		
2	Account 190	729,183	61,624
3	Account 281		
4	Account 282	5,006,924	276,279
5	Account 283	282,197	11,042
6	Account 284		
7	Reconciling Adjustments		
8	TOTAL Account 410.1 (on pages 114-115 line 17)	**6,018,304**	**348,945**
9	TOTAL Account 410.2 (on page 117 line 55)		
10	Credits to Account 411 from:		
11	Account 190	(990,593)	(11,301)
12	Account 281		
13	Account 282	(2,045,413)	(171,911)
14	Account 283	(2,274,052)	(24,404)
15	Account 284		
16	Reconciling Adjustments		
17	TOTAL Account 411.1 (on page 114-115 line 18)	**(5,310,058)**	**(207,616)**
18	TOTAL Account 411.2 (on page 117 line 56)		
19	Net ITC Adjustment:		
20	ITC Utilized for the Year DR		
21	ITC Amortized for the Year CR		
22	ITC Adjustments:		
23	Adjust last year's estimate to actual per filed return		
24	Other (specify)		
25	Net Reconciling Adjustments Account 411.4*	**0**	**0**
26	Net Reconciling Adjustments Account 411.5**		
27	Net Reconciling Adjustments Account 420***		

* on pages 114-15 line 19 ** on page 117 line 57 *** on page 117 line 58

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

RECONCILIATION OF DEFERRED INCOME TAX EXPENSE

3. (a) Provide a detailed reconciliation of the applicable deferred income tax expense subaccount(s) reported on pages 114-117 with the amount reported on these pages. (b) Identify all contra accounts (other than accounts 190 and 281-284).

(c) Identify the company's regulatory authority to utilize contra accounts other than accounts 190 or 281-284 for the recording of deferred income tax expense(s).

Other Utility	Total Utility	Other Income	Total Company	Line No.
				1
	790,807		790,807	2
	0		0	3
	5,283,203		5,283,203	4
	293,239	4,979	298,218	5
	0		0	6
	0		0	7
0	**6,367,249**			8
		4,979		9
				10
	(1,001,894)		(1,001,894)	11
	0		0	12
	(2,217,324)		(2,217,324)	13
	(2,298,456)	(106,700)	(2,405,156)	14
	0		0	15
	0		0	16
0	**(5,517,674)**			17
		(106,700)		18
				19
				20
				21
				22
				23
				24
0	**0**	**0**	**0**	25
		0		26
		0		27

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

STATEMENT OF RETAINED EARNINGS FOR THE YEAR

1. Report all changes in appropriate retained earnings, unappropriate retained earnings, and unappropriated undistributed subsidiary earnings for the year.
2. Each credit and debit during the year should be identified as to the retained earnings account in which recorded (Accounts 433, 436-439 inclusive). Show the contra primary account affected in column (b).
3. State the purpose and amount for each reservation or appropriation of retained earnings.
4. List first account 439 (Adjustments to Retained Earnings), reflecting adjustments to the opening balance of retained earnings. Follow by credit, then debit, items in that order.
5. Show dividends for each class and series of capital stock.
6. Show separately the state and federal incomke tax effect of items shown in account 439 (Adjustments to Retained Earnings).
7. Explain in a footnote the basis for determining the amount reserved or appropriated. If such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.
8. If any notes appearing in the report to stockholders are applicable to this statement, include them on pages 122-123.

Line No.	Item (a)	Contra Primary Account Affected (b)	Amount (c)
	UNAPPROPRIATED RETAINED EARNINGS (Account 216)		
1	Balance - Beginning of Year		22,216,978
2	Changes *(Identify by prescribed retained earnings accounts)*		
3	Adjustments to Retained Earnings (Account 439)		
4	Credit: Unrealized gain on securities		
5	Credit: Taxes related to unrealized gain on securities		
6	Credit: Minimum pension liability		
7	Credit: Taxes related to Minimum pension liability		
8	TOTAL Credits to Retained Earnings (Acct. 439)		
9	Debit: Redemption of Common Stock		
10	Debit:		
11	Debit:		
12	Debit:		
13	TOTAL Debits to Retained Earnings (Acct. 439)		
14	Balance Transferred from Income (Account 433 Less Account 418.1)		16,597,347
15	Appropriations of Retained Earnings (Account 436)		
16			
17			
18			
19			
20			
21	TOTAL Appropriations of Retained Earnings (Account 436)		
22	Dividends Declared - Preferred Stock (Account 437)		
23	Dividends Declared - Preferred Stock		
24			
25			
26			
27			
28	TOTAL Dividends Declared - Preferred Stock (Account 437)		

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

STATEMENT OF RETAINED EARNINGS FOR THE YEAR (Continued)

Line No.	Item (a)	Contra Primary Account Affected (b)	Amount (c)
29	Dividends Declared - Common Stock (Account 438)		
30	Dividends Declared on Common Stock		(21,000,000)
31			
32			
33			
34			
35	TOTAL Dividends Declared - Common Stock (Account 438)		(21,000,000)
36	Transfers from Account 216.1, Unappropriated Undistributed Subsidiary Earnings		
37	Balance - End of Year *(Enter Total of lines 1 thru 36)*		17,814,325
	APPROPRIATED RETAINED EARNINGS (Account 215) State balance and purpose of each appropriated earnings amount at end of year and give accounting entries for any applications of appropriated retained earnings during the year.		
38			
39			
40			
41			
42			
43	TOTAL Appropriated Retained Earnings (Account 215)		17,814,325
	APPROPRIATED RETAINED EARNINGS - AMORTIZATION RESERVE, FEDERAL (Account 215.1) State below the total amount set aside through appropriations of retained earnings, as of the end of the year, in compliance with the provisions of Federally granted hydroelectric project licenses held by the respondent. If any reductions or changes other than the normal annual credits hereto have been made during the year, explain such items in a footnote.		
44	TOTAL Appropriated Retained Earnings-Amortization Reserve, Federal (Acct. 215.1)		
45	TOTAL Appropriated Retained Earnings (Accounts 215 & 215.1)		
46	TOTAL Retained Earnings (Accounts 215, 215.1 & 216)		0
	UNAPPROPRIATED UNDISTRIBUTED SUBSIDIARY EARNINGS (Account 216.1)		
47	Balance - Beginning of Year (Debit or Credit)		
48	Equity in Earnings for Year (Credit) (Account 418.1)		
49	(Less) Dividends Received (Debit)		
50	Other Changes *(Explain)*: Transfers to Account 216		
51	Balance - End of Year *(Enter Total of lines 47 thru 50)*		

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

STATEMENT OF CASH FLOWS

1. If the notes to the cash flow statement in the respondent's annual stockholders report are applicable to this statement, such notes should be included on pages 122-123. Information about noncash investing and financing activities should be provided on pages 122-123. "Cash and Cash Equivalents at the End of Year" with related amounts on the balance sheet.

2. Under "Other" specify significant amounts and group others.

3. Operating Activities-Other: Include gains and losses pertaining to operating activities only. Gains and losses pertaining to investing and financing activities should be reported in those activities. Show on pages 122-123 the amounts of interest paid (net of amounts capitalized) and Income taxes paid.

Line No.	DESCRIPTION *(See Instructions for Explanation of Codes)* (a)	Amounts (b)
1	Net Cash Flow from Operating Activities: (enter outflows from company as negative #'s)	
2	Net Income *(Line 72(c) on page 117)*	16,597,347
3	Noncash Charges (Credits) to Income:	
4	Depreciation and Depletion	15,903,954
5	Amortization of (Specify): Other	127,137
6		
7		
8	Deferred Income Taxes (Net)	747,856
9	Investment Tax Credit Adjustments (Net)	
10	Net (Increase) Decrease in Receivables	10,319,561
11	Net (Increase) Decrease in Inventory	(1,138,869)
12	Net (Increase) Decrease in Allowances Inventory	
13	Net Increase (Decrease) in Payables and Accrued Expenses	(6,902,350)
14	Net (Increase) Decrease in Other Regulatory Assets	489,972
15	Net Increase (Decrease) in Other Regulatory Liabilities	222,875
16	(Less) Allowance for Other Funds Used During Construction	28,404
17	(Less) Undistributed Earnings from Subsidiary Companies	
18	Other: Decrease (Increase) in Other Current Assets	10,384,835
19	Other: Increase in Other Current Liabilities	1,130,083
20	Other (provide details in footnote):	565,382
21		
22	Net Cash Provided by (Used in) Operating Activities *(Total of Lines 2 thru 20)*	48,419,379
23		
24	Cash Flows from Investment Activities:	
25	Construction and Acquisition of Plant (including land):	
26	Gross Additions to Utility Plants (less nuclear fuel)	(13,774,249)
27	Gross Additions to Nuclear Fuel	
28	Gross Additions to Common Utility Plant	(531,424)
29	Gross Additions to Nonutility Plant	
30	(Less) Allowance for Other Funds Used During Construction	(28,404)
31	Other: Allowance for Borrowed Funds Used During Construction	
32		
33		
34	Cash Outflows for Plant *(Total of lines 26 thru 33)*	(14,277,269)
35		
36	Acquisition of Other Noncurrent Assets (d)	
37	Proceeds from Disposal of Noncurrent Assets (d)	
38		
39	Investments in and Advances to Associated and Subsidiary Companies	
40	Contributions and Advances from Associated and Subsidiary Companies	
41	Disposition of Investments in (and Advances to)	
42	Associated and Subsidiary Companies	
43		
44	Purchase of Investment Securities (a)	
45	Proceeds from Sales of Investment Securities (a)	

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

STATEMENT OF CASH FLOWS (Continued)

4. Investing Activities

(a) Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed on pages 122-123.

(b) Do not include on this statement the dollar amount of leases capitalized per USofA General Instruction 20; instead provide a reconciliation of the dollar amount of leases capitalized with the plant cost on pages 122-123.

5. Codes used:

(a) Net proceeds or payments.
(b) Bonds, debentures and other long-term debt.
(c) Include commercial paper.
(d) Identify separately such items as investments, fixed assets, intangibles, etc.

6. Enter on pages 122-123 clarifications and explanations.

Line No.	DESCRIPTION *(See Instructions No. 5 for Explanation of Codes)* (a)	Amounts (b)
46	Loans Made or Purchased	
47	Collections on Loans	
48		
49	Net (Increase) Decrease in Receivables	
50	Net (Increase) Decrease in Inventory	
51	Net (Increase) Decrease in Allowances Held for Speculation	
52	Net Increase (Decrease) in Payables and Accrued Expenses	
53	Other: Investing	(1,242,110)
54		
55		
56	Net Cash Provided by (Used in) Investment Activities	
57	*(Total of lines 34 thru 55)*	(15,519,379)
58		
59	Cash Flows from Financing Activities	
60	Proceeds from Issuance of:	
61	Long-Term Debt (b)	
62	Preferred Stock	
63	Common Stock	
64	Other: Equity Contribution from Parent	
65		
66	Net Increase in Short-Term Debt (c)	
67	Other: Short-Term Notes Payable from Parent	(11,900,000)
68		
69		
70	Cash Provided by Outside Sources *(Total of lines 61 thru 69)*	(11,900,000)
71		
72	Payments for Retirement of:	
73	Long-Term Debt (b)	
74	Preferred Stock	
75	Common Stock	
76	Other:	
77		
78	Net Decrease in Short-Term Debt (c)	
79		
80	Dividends on Preferred Stock	
81	Dividends on Common Stock	(21,000,000)
82	Net Cash Provided by (Used in) Financing Activities	
83	*(Total of lines 70 thru 81)*	(32,900,000)
84		
85	Net Increase (Decrease) in Cash and Cash Equivalents	
86	*(Total of lines 22, 57 and 83)*	0
87		
88	Cash and Cash Equivalents at Beginning of Year	
89		
90	Cash and Cash Equivalents at End of Year	0

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)	
120	20	b	Other Operating	
			Net change in other deferred assets and liabilities	$ 601,547
			Other	(36,165)
			TOTAL	$ 565,382
121	53	b	Other Investing	
			Cost of removal	$ (1,065,407)
			Customer advances for construction	61,023
			Property transfers	(237,726)
			TOTAL	$ (1,242,110)
			TOTAL	

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

NOTES TO FINANCIAL STATEMENTS

1. Use the space below for important notes regarding the Balance Sheet, Statement of Income for the year, Statement of Retained Earnings for the year, and Statement of Cash Flows, or any account thereof. Classify the notes according to each basic statement, providing a subheading for each statement except where a note is applicable to more than one statement.
2. Furnish particulars (details) as to any significant contingent assets or liabilities existing at end of year, including a brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.
3. For Account 116, *Utility Plant Adjustments*, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.
4. Where Accounts 189, *Unamortized Loss on Reacquired Debt*, and 257, *Unamortized Gain on Reacquired Debt*, are not used, give an explanation, providing the rate treatment given these items. See General Instruction 16 of the Uniform System of Accounts.
5. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.
6. If the notes to financial statements relating to the respondent company appearing in the annual report to the stockholders are applicable and furnish the data required by instructions above and on pages 114-121, such notes may be herein.

GLOSSARY OF TERMS AND ABBREVIATIONS

The abbreviations and terms set forth below are used throughout this report and have the meanings assigned to them below:

Subsidiaries and Affiliates

ATC	American Transmission Company LLC
WBS	WEC Business Services LLC
WE	Wisconsin Electric Power Company
WEC Energy Group	WEC Energy Group, Inc.
WPS	Wisconsin Public Service Corporation

Federal and State Regulatory Agencies

Army Corps	United States Army Corps of Engineers
EPA	United States Environmental Protection Agency
FERC	Federal Energy Regulatory Commission
MPSC	Michigan Public Service Commission

Accounting Terms

AFUDC	Allowance for Funds Used During Construction
CWIP	Construction Work In Progress
GAAP	Generally Accepted Accounting Principles

Environmental Terms

GHG	Greenhouse Gas
LDC	Local Natural Gas Distribution Company
WOTUS	Waters of the United States

Measurements

MW	Megawatt
MWh	Megawatt-hour

Other Terms and Abbreviations

AIA	Affiliated Interest Agreement
ESG Progress Plan	WEC Energy Group's Capital Investment Plan for Efficiency, Sustainability, and Growth for 2024-2028
FTR	Financial Transmission Right
MISO	Midcontinent Independent System Operator, Inc.
MISO Energy Markets	MISO Energy and Operating Reserves Market
PIPP	Presque Isle Power Plant
RICE	Reciprocating Internal Combustion Engine
Supreme Court	United States Supreme Court
Tilden	Tilden Mining Company

UPPER MICHIGAN ENERGY RESOURCES CORPORATION
NOTES TO FINANCIAL STATEMENTS
December 31, 2023

NOTE A - REGULATORY REPORTING IN THIS REPORT COMPARED TO GENERALLY ACCEPTED ACCOUNTING PRINCIPLES

Our accounting records are maintained as prescribed by the FERC modified for the requirements of the MPSC. The accompanying financial statements have been prepared in accordance with the accounting requirements of these regulators, which differ from GAAP. We classify certain items in our accompanying Comparative Balance Sheet (primarily the components of accumulated depreciation, regulatory assets and liabilities, accumulated deferred income taxes, income tax receivables, certain miscellaneous current and accrued liabilities, debt issuance costs, and maturities of long-term debt) in a manner different from that required by GAAP.

Accounting for MISO Energy Transactions

Under FERC guidance issued in April 2006, energy transactions in an RTO should be netted and measured on an hourly basis. FERC also determined that the day-ahead and real-time markets should be considered separately for purposes of netting energy transactions. We follow this FERC guidance in consideration of our FERC reporting requirements. For GAAP reporting purposes, we combine the day-ahead and real-time markets, and we record energy transactions on a net basis for each hour.

For regulatory purposes, since we are a net seller, we credit the net sales to Account 447 (which is included in Account 400) instead of Account 555. The following table reconciles our operating revenues and purchased power expenses as reported for GAAP purposes to those reported for regulatory purposes:

	Operating Revenues (Account 400; Page 114; Line 2)		Purchased Power (Account 555; Page 320; Line 76)	
(in millions)	**2023**	**2022**	**2023**	**2022**
GAAP [(1)]	$150.5	$198.0	$28.8	$52.2
Regulatory reporting adjustments:				
Netted energy transactions	4.1	8.4	4.1	8.4
Other	-	-	-	-
FERC Form 1	$154.6	$206.4	$32.9	$60.6

[(1)] For GAAP Operating Revenues, see Income Statement in the GAAP Annual Report.

Regulatory Assets and Liabilities

The following table reconciles our regulatory assets and liabilities as reported for GAAP purposes to regulatory assets and liabilities reported for regulatory purposes:

	Regulatory Assets (Account 182.2 and 182.3; Page 110; Line 71-72)		Regulatory Liabilities (Account 254; Page 112; Line 60)	
(in millions)	**2023**	**2022**	**2023**	**2022**
GAAP (See Note 5)	$17.6	$18.3	$33.7	$33.3
Regulatory reporting adjustments:				
Recognition of equity carrying cost for FERC	2.3	2.5	-	-
Non-ARO cost of removal	-	-	(15.2)	(15.1)
ASU 2017-07 pension and postretirement non-service cost	-	-	(0.7)	(0.4)
FERC Form 1	$19.9	$20.8	$17.8	$17.8

The return on equity component for non-construction related expenditures allowed by a Commission is deferred as a regulatory asset in our Form 1 whereas GAAP reporting requires recognizing the return on equity only at the time the associated revenue is collected through rates. This will result in a difference in earnings reported under GAAP and the earnings reported in regulatory filings as well as differences in deferred taxes, regulatory assets, and regulatory liabilities.

We collect future removal costs in rates for many assets that do not have an associated legal ARO. The liability for the estimated future removal costs collected in rates is recognized for regulatory accounting purposes in Account 108 as part of accumulated depreciation. This classification differs from how we report such amounts for GAAP reporting purposes. For GAAP reporting

purposes, this liability was classified primarily as a regulatory liability on our GAAP balance sheets. For further information, see property and depreciation in Note 1 of the Notes to Consolidated Financial Statements that follow.

The non-service components of our net periodic benefit costs that are capitalized to utility plant are reported as a regulatory asset or liability under GAAP.

Deferred Tax Assets and Liabilities and Income Tax Expense

The following table reconciles our deferred assets and liabilities as reported for GAAP purposes to deferred assets and liabilities reported for regulatory purposes:

	Deferred Tax Assets (Account 190; Page 110; Line 82)		Deferred Tax Liabilities (Account 282/283; Page 112; Line 63/64)	
(in millions)	**2023**	**2022**	**2023**	**2022**
GAAP (See Note 10)	$4.8	$4.7	$49.7	$48.6
Regulatory reporting adjustments:				
Netting differences	1.2	1.2	1.2	1.2
Recognition of equity carrying cost for FERC	(0.2)	(0.2)	0.6	0.7
FERC Form 1	$5.8	$5.7	$51.5	$50.5

The following table reconciles our income tax expense as report for GAAP purposes to income tax expense reported for regulatory purposes:

	Income Tax Expense [(1)]	
(in millions)	**2023**	**2022**
GAAP (See Note 10)	$5.7	$5.4
Regulatory reporting adjustments:		
Recognition of equity carrying cost for FERC	(0.1)	(0.1)
FERC Form 1	$5.6	$5.3

(1) Various accounts; page 114-117 lines 15-19 and lines 53-58.

The GAAP financial statements are reported in accordance with the Income Taxes Topic of the FASB ASC, whereas the Form 1 is reported in accordance with the FERC-issued accounting guidance. As such, in the Form 1, interest and penalties on tax deficiencies are not reported as income tax expense. Additionally, GAAP allows netting of deferred tax assets and liabilities whereas FERC requires a gross presentation.

See the reconciliation of regulatory assets and liabilities above for a description of the differences relating to the recognition of equity carrying cost for FERC.

NOTE B - BASIS OF PRESENTATION

The accompanying financial statements have been prepared in accordance with the accounting requirements of the FERC as set forth in the Uniform System of Accounts and accounting releases, which differ from GAAP. As required by the FERC, we reclassify certain items in our Form 1 in a manner different than the presentation in the GAAP Financial Statements, as described below.

- Removal costs that do not have an associated legal obligation are recognized as a component of accumulated depreciation, whereas these costs are recognized for GAAP as a regulatory liability.
- The FERC requires transactions for the real-time and day-ahead RTO administered energy markets to be separately reported for each hour on the statement of income, whereas the transactions of these two markets are combined for a given hour for GAAP reporting purposes.
- Current portions of long-term debt, if applicable, are reported as long-term debt, whereas GAAP reporting requires a current presentation of these liabilities.
- Debt issuance costs for executed debt offerings are reported as deferred debits, whereas GAAP reporting requires these liabilities to be netted with long-term debt.
- The GAAP financial statements are reported in accordance with the Income Taxes Topic of the FASB ASC, whereas the Form 1 is reported in accordance with the FERC-issued accounting guidance. As such, in the Form 1, interest and penalties on tax

deficiencies are not reported as income tax expense. Additionally, GAAP allows netting of deferred tax assets and liabilities whereas FERC requires a gross presentation.

- The return on equity component for non-construction related expenditures allowed by a Commission is capitalized as a regulatory asset whereas GAAP reporting requires recognizing the return on equity at the time revenue is collected through rates. This will result in a difference in earnings reported under GAAP and earnings reported in regulatory filings.

- The non-service cost components of our net periodic benefit costs are recorded as a component of operating expenses, whereas GAAP requires these costs to be recorded outside of operating income. In addition, the non-service components of our net periodic benefit costs that are capitalized to utility plant are reported as a regulatory asset or liability under GAAP.

NOTE C - SUBSEQUENT EVENTS

Management has evaluated the impact of events occurring after December 31, 2023 up to March 22, 2024, the date the Company's U.S. GAAP financial statements were issued and has updated such evaluation for disclosure purposes through April 17, 2024. These financial statements include all necessary adjustments and disclosures resulting from these evaluations.

The following additional Notes to Consolidated Financial Statements are applicable to our GAAP financial statements.

UPPER MICHIGAN ENERGY RESOURCES CORPORATION
NOTES TO FINANCIAL STATEMENTS
December 31, 2023

NOTE 1--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

(a) Nature of Operations--As used in these notes, the term "financial statements" includes the income statements, balance sheets, statements of cash flows, and statements of equity, unless otherwise noted. In this report, when we refer to "us," "we," "our," or "ours," we are referring to Upper Michigan Energy Resources Corporation.

We are an electric and natural gas utility company that serves customers in the Upper Peninsula of Michigan and are a wholly owned subsidiary of WEC Energy Group. We are subject to the jurisdiction of, and regulation by, the MPSC, which has general supervisory and regulatory powers over public utilities in Michigan. We are also subject to the jurisdiction of the FERC, which regulates our wholesale electric sales.

We provide electric service to Tilden, which owns an iron ore mine in the Upper Peninsula of Michigan.

(b) Basis of Presentation--We prepare our financial statements in conformity with GAAP. We make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results may differ from these estimates.

(c) Cash and Cash Equivalents--Cash and cash equivalents include marketable debt securities with an original maturity of three months or less.

(d) Operating Revenues--The following discussion includes our significant accounting policies related to operating revenues. For additional required disclosures on disaggregation of operating revenues, see Note 3, Operating Revenues.

Revenues from Contracts with Customers

Electric Utility Operating Revenues

Electricity sales to residential and commercial and industrial customers are generally accomplished through requirements contracts, which provide for the delivery of as much electricity as the customer needs. These contracts represent discrete deliveries of electricity and consist of one distinct performance obligation satisfied over time, as the electricity is delivered and consumed by the customer simultaneously. For the majority of our residential and commercial and industrial customers, our performance obligation is bundled to consist of both the sale and the delivery of the electric commodity. A limited number of our residential and commercial and industrial customers can purchase the commodity from a third party. In this case, the delivery of the electricity represents our sole performance obligation.

The transaction price of the performance obligations for residential and commercial and industrial customers is valued using the rates, charges, terms, and conditions of service included in our tariffs, which have been approved by the MPSC. These rates often have a fixed component customer charge and a usage-based variable component charge. We recognize revenue for the fixed component customer charge monthly using a time-based output method. We recognize revenue for the usage-based variable component charge using an output method based on the quantity of electricity delivered each month. The rates of our retail electric customers include recovery of fuel and purchased power costs on a one-for-one basis.

We are an active participant in the MISO Energy Markets, where we bid our generation into the Day Ahead and Real Time markets and procure electricity for our retail customers at prices determined by the MISO Energy Markets. Purchase and sale transactions are recorded using settlement information provided by MISO. These purchase and sale transactions are accounted for on a net hourly position. Net purchases in a single hour are recorded as purchased power in cost of sales and net sales in a single hour are recorded as resale revenues on our income statements. For resale revenues, our performance obligation is created only when electricity is sold into the MISO Energy Markets.

For all of our customers, consistent with the timing of when we recognize revenue, customer billings generally occur on a monthly basis, with payments typically due in full within 30 days.

Natural Gas Utility Operating Revenues

We recognize natural gas utility operating revenues under requirements contracts with residential, commercial and industrial, and transportation customers served under our tariffs. Tariffs provide our customers with the standard terms and conditions, including rates, related to the services offered. Requirements contracts provide for the delivery of as much natural gas as the customer needs. These requirements contracts represent discrete deliveries of natural gas and constitute a single performance obligation satisfied over time. Our performance obligation is both created and satisfied with the transfer of control of natural gas upon delivery to the customer. For most of our customers, natural gas is delivered and consumed by the customer simultaneously. A performance obligation can be bundled to consist of both the sale and the delivery of the natural gas commodity. Our customers can purchase the commodity from a third party. In this case, the performance obligation only includes the delivery of the natural gas to the customer.

The transaction price of the performance obligations for our natural gas customers is valued using rates, charges, terms, and conditions of service included in our tariffs, which have been approved by the MPSC. These rates often have a fixed component customer charge and a usage-based variable component charge. We recognize revenue for the fixed component customer charge monthly using a time-based output method. We recognize revenue for the usage-based variable component charge using an output method based on natural gas delivered each month.

Our tariffs include various rate mechanisms that allow us to recover or refund changes in prudently incurred costs from rate case-approved amounts. Our rates include a one-for-one recovery mechanism for natural gas commodity costs. We defer any difference between actual natural gas costs incurred and costs recovered through rates as a current asset or liability. The deferred balance is returned to or recovered from customers at intervals throughout the year.

Consistent with the timing of when we recognize revenue, customer billings generally occur on a monthly basis, with payments typically due in full within 30 days.

(e) Credit Losses--The following discussion includes our significant accounting policies related to credit losses. For additional required disclosures on credit losses, see Note 4, Credit Losses.

Our exposure to credit losses is related to our accounts receivable and unbilled revenue balances, which are generated from the sale of electricity and natural gas.

We evaluate the collectability of our accounts receivable and unbilled revenue balances considering a combination of factors. For some of our larger customers and also in circumstances where we become aware of a specific customer's inability to meet its financial obligations to us, we record a specific allowance for credit losses against amounts due in order to reduce the net recognized receivable to the amount we reasonably believe will be collected. For all other customers, we use the accounts receivable aging method to calculate an allowance for credit losses. Using this method, we classify accounts receivable into different aging buckets and calculate a reserve percentage for each aging bucket based upon historical loss rates. The calculated reserve percentages are updated on at least an annual basis, in order to ensure recent macroeconomic, political, and regulatory trends are captured in the calculation, to the extent possible. Risks identified that we do not believe are reflected in the calculated reserve percentages, are assessed on a quarterly basis to determine whether further adjustments are required.

We monitor our ongoing credit exposure through active review of counterparty accounts receivable balances against contract terms and due dates. Our activities include timely account reconciliation, dispute resolution and payment confirmation. To the extent possible, we work with customers with past due balances to negotiate payment plans, but will disconnect customers for non-payment as allowed by the MPSC, if necessary, and employ collection agencies and legal counsel to pursue recovery of defaulted receivables. For our larger customers, detailed credit review procedures may be performed in advance of any sales being made. We sometimes require letters of credit, parental guarantees, prepayments or other forms of credit assurance from our larger customers to mitigate credit risk.

(f) Materials, Supplies, and Inventories--We record substantially all materials and supplies inventories using the weighted-average cost method of accounting.

(g) Regulatory Assets and Liabilities--The economic effects of regulation can result in regulated companies recording costs and revenues that are allowed in the ratemaking process in a period different from the period they would have been recognized by a nonregulated company. When this occurs, regulatory assets and regulatory liabilities are recorded on the balance sheet. Regulatory assets represent deferred costs probable of recovery from customers that would have otherwise been charged to expense. Regulatory liabilities represent amounts that are expected to be refunded to customers in future rates or future costs already collected from customers in rates.

The recovery or refund of regulatory assets and liabilities is based on specific periods determined by the MPSC or occurs over the normal operating period of the related assets and liabilities. If a previously recorded regulatory asset is no longer probable of recovery, the regulatory asset is reduced to the amount considered probable of recovery, and the reduction is charged to expense in the current period. See Note 5, Regulatory Assets and Liabilities, for more information.

(h) Property, Plant, and Equipment--We record property, plant, and equipment at cost. Cost includes material, labor, overhead, and both debt and equity components of AFUDC. Additions to and significant replacements of property are charged to property, plant, and equipment at cost; minor items are charged to other operation and maintenance expense. The cost of depreciable utility property less salvage value is charged to accumulated depreciation when property is retired.

We record straight-line depreciation expense over the estimated useful life of utility property using depreciation rates approved by the MPSC. Annual utility composite depreciation rates were 2.97%, 3.01%, and 2.94% in 2023, 2022, and 2021, respectively.

We capitalize certain costs related to software developed or obtained for internal use and record these costs to amortization expense over the estimated useful life of the related software, which ranges from 5 to 15 years. If software is retired prior to being fully amortized, the difference is recorded as a loss on the income statement.

Third parties reimburse us for all or a portion of expenditures for certain capital projects. Such contributions in aid of construction costs are recorded as a reduction to property, plant, and equipment.

See Note 6, Property, Plant, and Equipment, for more information.

(i) Allowance for Funds Used During Construction--AFUDC is included in utility plant accounts and represents the cost of borrowed funds (AFUDC-Debt) used during plant construction, and a return on shareholder's equity (AFUDC-Equity) used for construction purposes. AFUDC-Debt is recorded as a reduction of interest expense, and AFUDC-Equity is recorded in other income, net.

Approximately 50% of our retail jurisdictional CWIP expenditures are subject to the AFUDC calculation. Our average AFUDC retail rate was 6.28% in each of 2023, 2022, and 2021.

(j) Asset Impairment--We periodically assess the recoverability of certain long-lived assets when factors indicate the carrying value of such assets may be impaired or such assets are planned to be sold. Long-lived assets that would be subject to an impairment assessment generally include any assets within regulated operations that may not be fully recovered from our customers as a result of regulatory decisions that will be made in the future. An impairment loss is recognized when the carrying amount of an asset is not recoverable and exceeds its fair value. The carrying amount of an asset is not recoverable if it exceeds the sum of the undiscounted cash flows expected to result from the use and eventual disposition of the asset. An impairment loss is measured as the excess of the carrying amount of the asset over its fair value.

We assess the likelihood of a disallowance of part of the cost of recently completed plant by considering factors such as applicable regulatory environment changes, our own recent rate orders, as well as recent rate orders of other regulated entities in similar jurisdictions. When it becomes probable that part of the cost of recently completed plant will be disallowed for rate-making purposes, we assess whether a reasonable estimate of the amount of the disallowance can be made. The estimated amount of the probable disallowance will then be deducted from the reported cost of the plant and recognized as an impairment loss.

When it becomes probable that a generating unit will be retired before the end of its useful life, we assess whether the generating unit meets the criteria for abandonment accounting. Generating units that are considered probable of abandonment are expected to cease operations in the near term, significantly before the end of their original estimated useful lives. If a generating unit meets the applicable criteria to be considered probable of abandonment, and the unit has been abandoned, we assess the likelihood of recovery of the remaining net book value of that generating unit at the end of each reporting period. If it becomes probable that regulators will disallow full recovery as well as a return on the remaining net book value of a generating unit that is either abandoned or probable of being abandoned, an impairment loss may be required. An impairment loss would be recorded if the remaining net book value of the generating unit is greater than the present value of the amount expected to be recovered from ratepayers, using an incremental borrowing rate.

(k) Leases--We recognize a right of use asset and lease liability for operating and finance leases with a term of greater than one year. At December 31, 2023 and 2022, we had not recorded any right of use assets and lease liabilities on our balance sheets.

As of March 22, 2024, we have not entered into any material leases that have not yet commenced.

We are currently party to several easement agreements that allow us access to land we do not own for the purpose of constructing and maintaining certain electric power and natural gas equipment. We have not classified our easements as leases because we view the entire parcel of land specified in our easement agreements to be the identified asset, not just that portion of the parcel that contains our easement. As such, we have concluded that we do not control the use of an identified asset related to our easement agreements, nor do we obtain substantially all of the economic benefits associated with these shared-use assets.

(l) Income Taxes--We follow the liability method in accounting for income taxes. Accounting guidance for income taxes requires the recording of deferred assets and liabilities to recognize the expected future tax consequences of events that have been reflected in our financial statements or tax returns and the adjustment of deferred tax balances to reflect tax rate changes. We are required to assess the likelihood that our deferred tax assets would expire before being realized. If we conclude that certain deferred tax assets are likely to expire before being realized, a valuation allowance would be established against those assets. GAAP requires that, if we conclude in a future period that it is more likely than not that some or all of the deferred tax assets would be realized before expiration, we reverse the related valuation allowance in that period. Any change to the allowance, as a result of a change in judgment about the realization of deferred tax assets, is reported in income tax expense.

We are included in WEC Energy Group's consolidated federal and state income tax returns. In accordance with our tax allocation agreement with WEC Energy Group, we are allocated income tax payments and refunds based upon the benefit for loss method, where attributes are realized when WEC Energy Group is able to realize them.

We recognize interest and penalties accrued related to unrecognized tax benefits in income tax expense in our income statements.

In April 2023, the United States Internal Revenue Service issued Revenue Procedure 2023-15, which provides a safe harbor method of accounting that taxpayers may use to determine whether expenses to repair, maintain, replace, or improve natural gas transmission and distribution property must be capitalized for tax purposes. We are currently evaluating the impact this guidance may have on our financial statements and related disclosures.

See Note 10, Income Taxes, for more information.

(m) Fair Value Measurements--Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (exit price).

Fair value accounting rules provide a fair value hierarchy that prioritizes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurement) and the lowest priority to unobservable inputs (Level 3 measurement). The three levels of the fair value hierarchy are defined as follows:

Level 1 - Quoted prices are available in active markets for identical assets or liabilities as of the reporting date. Active markets are those in which transactions for the asset or liability occur in sufficient frequency and volume to provide pricing information on an ongoing basis.

Level 2 - Pricing inputs are observable, either directly or indirectly, but are not quoted prices included within Level 1. Level 2 includes those financial instruments that are valued using external inputs within models or other valuation methods.

Level 3 - Pricing inputs include significant inputs that are generally less observable from objective sources. These inputs may be used with internally developed methods that result in management's best estimate of fair value. Level 3 instruments include those that may be more structured or otherwise tailored to customers' needs.

Assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. We use a mid-market pricing convention (the mid-point price between bid and ask prices) as a practical measure for valuing certain derivative assets and liabilities. We primarily use a market approach for recurring fair value measurements and attempt to use valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs.

When possible, we base the valuations of our derivative assets and liabilities on quoted prices for identical assets and liabilities in active markets. These valuations are classified in Level 1. The valuations of certain contracts not classified as Level 1 may be based on quoted market prices received from counterparties and/or observable inputs for similar instruments. Transactions valued using these inputs are classified in Level 2. Certain derivatives, such as FTRs, are categorized in Level 3 due to the significance of unobservable or internally-developed inputs. Our FTRs are valued using MISO auction prices.

See Note 11, Fair Value Measurements, for more information.

(n) Derivative Instruments--We use derivatives as part of our risk management program to manage the risks associated with the price volatility of purchased power, generation, and natural gas costs for the benefit of our customers. Our approach is non-speculative and is designed to mitigate risk.

We record derivative instruments on our balance sheets as an asset or liability measured at fair value, unless they qualify for the normal purchases and sales exception, and are so designated. We continually assess our contracts designated as normal and will discontinue the treatment of these contracts as normal if the required criteria are no longer met. Changes in the derivative's fair value are recognized currently in earnings unless specific hedge accounting criteria are met or we receive regulatory treatment for the derivative. For most of our energy-related physical and financial contracts that qualify as derivatives, the MPSC allows the effects of fair value accounting to be offset to regulatory assets and liabilities.

We classify derivative assets and liabilities as current or long-term on our balance sheets based on the maturities of the underlying contracts. Cash flows from derivative activities are presented in the same category as the item being hedged within operating activities on our statements of cash flows.

Derivative accounting rules provide the option to present certain asset and liability derivative positions net on the balance sheets and to net the related cash collateral against these net derivative positions. We elected not to net these items.

See Note 12, Derivative Instruments, for more information.

(o) Customer Deposits and Credit Balances--When utility customers apply for new service, they may be required to provide a deposit for the service. Customer deposits are recorded within other current liabilities on our balance sheets.

Utility customers can elect to be on a budget plan. Under this type of plan, a monthly installment amount is calculated based on estimated annual usage. During the year, the monthly installment amount is reviewed by comparing it to actual usage. If necessary, an adjustment is made to the monthly amount. Annually, the budget plan is reconciled to actual annual usage. Payments in excess of actual customer usage are recorded within other current liabilities on our balance sheets.

(p) Environmental Remediation Costs--We are subject to federal and state environmental laws and regulations that in the future may require us to pay for environmental remediation at sites where we have been, or may be, identified as a potentially responsible party. Loss contingencies may exist for the remediation of hazardous substances at various potential sites, including our manufactured gas plant site. See Note 13, Commitments and Contingencies, for more information.

We record environmental remediation liabilities when site assessments indicate remediation is probable, and we can reasonably estimate the loss or a range of losses. The estimate includes both our share of the liability and any additional amounts that will not be paid by other potentially responsible parties or the government. When possible, we estimate costs using site-specific information but also consider historical experience for costs incurred at similar sites. Remediation efforts for a particular site generally extend over a period of several years. During this period, the laws governing the remediation process may change, as well as site conditions, potentially affecting the cost of remediation.

We have received approval to defer certain environmental remediation costs, as well as estimated future costs, through a regulatory asset. The recovery of deferred costs is subject to the MPSC's approval.

We review our estimated costs of remediation annually for our manufactured gas plant site. We adjust the liability and related regulatory asset, as appropriate, to reflect the new cost estimates. Any material changes in cost estimates are adjusted throughout the year.

NOTE 2--RELATED PARTIES

We routinely enter into transactions with related parties, including WEC Energy Group, its other subsidiaries, and ATC.

We provide and receive services, property, and other items of value to and from our parent, WEC Energy Group, and other subsidiaries of WEC Energy Group pursuant to an AIA that became effective in 2017. The AIA was approved by the appropriate regulators, including the MPSC. In accordance with the AIA, WBS provides several categories of services to us (including financial, human resource, and administrative services). As required by FERC regulations for centralized service companies, WBS renders services at cost. Services provided by any regulated subsidiary of WEC Energy Group to another regulated subsidiary or WBS are provided at cost, and any services provided by a regulated subsidiary to a nonregulated subsidiary of WEC Energy Group are provided at the greater of cost or fair market value.

We pay ATC for transmission and other related services it provides. At both December 31, 2023 and 2022, our balance sheets included $1.3 million of accounts payable to ATC for services received.

The following table shows activity associated with our related party transactions for the years ended December 31:

(in millions)	**2023**	**2022**	**2021**
Transactions with WE			
Charges to WE for services and other items [(1)]	**$ 2.0**	$ 1.2	$ 1.2
Charges from WE for services and other items [(1)]	**11.8**	13.7	10.5
Transactions with WPS			
Natural gas related purchases from WPS [(2)]	**3.1**	4.0	2.6
Charges from WPS for services and other items [(1)]	**2.2**	3.7	3.1
Transactions with WBS			
Charges from WBS for services and other items [(1)]	**2.9**	3.2	3.2
Transactions with ATC			
Charges from ATC for network transmission services	**14.5**	14.9	13.6
Transactions with Parent			
Interest expense on short-term debt [(3)]	**1.1**	0.6	0.1

(1) Includes amounts charged for services, pass through costs, asset and liability transfers, and other items in accordance with the approved AIA.

(2) Includes amounts related to the purchase of natural gas and/or pipeline capacity.

(3) See Note 8, Short-Term Debt to Parent, for information on our short-term borrowings from our parent.

NOTE 3--OPERATING REVENUES

For more information about our significant accounting policies related to operating revenues, see Note 1(d), Operating Revenues.

Disaggregation of Operating Revenues

The following tables present our operating revenues disaggregated by revenue source. We disaggregate revenues into categories that depict how the nature, amount, timing, and uncertainty of revenues and cash flows are affected by economic factors. Revenues are further disaggregated by electric and natural gas operations and then by customer class. Each customer class within our electric and natural gas operations has different expectations of service, energy and demand requirements, and can be impacted differently by regulatory activities within Michigan.

	Year Ended December 31		
(in millions)	**2023**	**2022**	**2021**
Upper Michigan Energy Resources Corporation			
Electric utility	**$ 145.3**	$ 191.8	$ 169.0
Natural gas utility	**4.5**	5.6	4.5
Total revenues from contracts with customers	**149.8**	197.4	173.5
Other operating revenues [(1)]	**0.7**	0.6	0.8
Total operating revenues	**$ 150.5**	$ 198.0	$ 174.3

[(1)] Consists primarily of late payment charges.

Revenues from Contracts with Customers

Electric Utility Operating Revenues

The following table disaggregates electric utility operating revenues into customer class:

	Year Ended December 31		
(in millions)	**2023**	**2022**	**2021**
Residential	**$ 31.8**	$ 42.3	$ 38.3
Small commercial and industrial	**18.9**	22.3	20.3
Large commercial and industrial	**89.2**	119.8	106.7
Other	**0.7**	0.7	0.7
Total retail revenues	**140.6**	185.1	166.0
Resale	**3.9**	5.1	2.3
Other utility revenues	**0.8**	1.6	0.7
Total electric utility operating revenues	**$ 145.3**	$ 191.8	$ 169.0

Natural Gas Utility Operating Revenues

The following table disaggregates natural gas utility operating revenues into customer class:

	Year Ended December 31		
(in millions)	**2023**	**2022**	**2021**
Residential	**$ 2.8**	$ 3.9	$ 2.5
Commercial and industrial	**1.2**	1.8	1.2
Total retail revenues	**4.0**	5.7	3.7
Transportation	**0.3**	0.4	0.4
Other utility revenues [(1)]	**0.2**	(0.5)	0.4
Total natural gas utility operating revenues	**$ 4.5**	$ 5.6	$ 4.5

(1) Includes the revenues subject to our purchased gas recovery mechanism, which fluctuate based on actual natural gas costs incurred, compared with the recovery of natural gas costs that were anticipated in rates.

NOTE 4--CREDIT LOSSES

The table below shows our gross third-party receivable balances and related allowance for credit losses.

(in millions)	**December 31, 2023**	**December 31, 2022**
Accounts receivable and unbilled revenues	**$ 26.1**	$ 33.9
Allowance for credit losses	**2.8**	2.3
Accounts receivable and unbilled revenues, net	**$ 23.3**	$ 31.6
Total accounts receivable, net - past due greater than 90 days	**$ 1.0**	$ 1.1

A rollforward of the allowance for credit losses is included below:

	Year Ended December 31		
(in millions)	**2023**	**2022**	**2021**
Balance at January 1	**$ 2.3**	$ 2.5	$ 1.4
Provision for credit losses	**1.4**	0.9	1.8
Write-offs charged against the allowance	**(1.1)**	(1.3)	(0.8)
Recoveries of amounts previously written off	**0.2**	0.2	0.1
Balance at December 31	**$ 2.8**	$ 2.3	$ 2.5

The allowance for credit losses increased during the year ended December 31, 2023, driven by higher past due accounts receivable balances, primarily related to our residential customers. The increase was partially offset by lower customer energy costs (driven by the warmer weather during the fourth quarter of 2023 when compared to the same quarter in 2022 and lower natural gas prices).

The allowance for credit losses decreased during the year ended December 31, 2022, driven by customer write-offs related to collection practices returning to pre-pandemic levels in 2021, including the restoration of our ability to disconnect customers. After a customer is disconnected for a period of time without payment on their account, we will write off that customer balance. We believe that the high energy costs that customers were seeing, which were driven by high natural gas prices, contributed to higher past due accounts receivable balances, partially offsetting the decrease in the allowance for credit losses.

The allowance for credit losses increased during the year ended December 31, 2021, driven by higher past due accounts receivable balances, primarily related to our residential customers, associated with the Coronavirus Disease - 2019 pandemic. Although our accounts receivable balances in arrears increased, we did begin to see improvement in the second half of the year as we were allowed to resume our normal collection practices in August 2021. Higher year-over-year natural gas prices drove an increase in gross accounts receivable balances, also contributing to the increase in our allowance for credit losses.

NOTE 5--REGULATORY ASSETS AND LIABILITIES

The following regulatory assets were reflected on our balance sheets as of December 31:

(in millions)	2023	2022	See Note
Regulatory assets [1] [2]			
Plant retirements	**$ 12.3**	$ 12.8	
Acquisition of the Fox Energy Center by WPS [3]	**2.6**	2.9	
Energy costs recoverable through rate adjustments	**--**	6.6	1(d)
Other, net	**2.7**	2.6	
Total regulatory assets	**$ 17.6**	$ 24.9	
Balance sheet presentation			
Amounts recoverable from customers	**$ --**	$ 6.6	
Regulatory assets	**17.6**	18.3	
Total regulatory assets	**$ 17.6**	$ 24.9	

[1] Based on prior and current rate treatment, we believe it is probable that we will continue to recover from customers the regulatory assets in this table. In accordance with GAAP, our regulatory assets do not include the allowance for return on equity that is capitalized for regulatory purposes. This allowance was $2.3 million and $2.5 million at December 31, 2023 and 2022, respectively.

[2] As of December 31, 2023, all of our regulatory assets either earn a return at our weighted average cost of capital or the cash has not yet been expended, in which case the regulatory assets are offset by liabilities.

[3] During 2013, WPS purchased the Fox Energy Center. Prior to the purchase, WPS supplied natural gas for the facility and purchased capacity and the associated energy output under a tolling agreement. WPS received regulatory approval to defer incremental costs associated with the purchase of the facility. Upon our formation, as of January 1, 2017, WPS transferred to us the portion of these regulatory assets being recovered from Michigan customers. We are authorized recovery of these regulatory assets over approximately 15 years, beginning in April 2017.

The following regulatory liabilities were reflected on our balance sheets as of December 31:

(in millions)	2023	2022	See Note
Regulatory liabilities			
Income tax related items	**$ 15.7**	$ 15.8	10
Removal costs [1]	**15.2**	15.1	
Derivatives	**1.0**	0.8	1(n)
Other, net	**2.4**	2.0	
Total regulatory liabilities	**$ 34.3**	$ 33.7	
Balance sheet presentation			
Other current liabilities	**$ 0.6**	$ 0.4	
Regulatory liabilities	**33.7**	33.3	
Total regulatory liabilities	**$ 34.3**	$ 33.7	

[1] Represents amounts collected from customers to cover the future cost of property, plant, and equipment removals that are not legally required.

Presque Isle Power Plant

On March 31, 2019, WE retired the PIPP generating units and reclassified the net book value to a regulatory asset on its balance sheet. In the second quarter of 2019 after our natural gas-fired generation began commercial operation, WE transferred a portion of the regulatory asset to us for recovery from our retail customers. This regulatory asset is reflected as plant retirements in the table

above and represents our share of the book value of the PIPP less cost of removal and accumulated depreciation. It does not include certain other previously recorded deferred tax liabilities of $3.0 million at December 31, 2023. We are amortizing this regulatory asset on a straight-line basis using the composite depreciation rates approved by the Public Service Commission of Wisconsin before the units were retired. The amortization is included in depreciation and amortization in the income statement. We will address the accounting and regulatory treatment related to the retirement of these units with the MPSC in conjunction with a future rate case.

NOTE 6--PROPERTY, PLANT, AND EQUIPMENT

Property, plant, and equipment consisted of the following utility assets at December 31:

(in millions)	**2023**	**2022**
Electric - generation	**$ 264.6**	$ 263.9
Electric - distribution	**232.9**	225.9
Natural gas - distribution, storage, and transmission	**14.3**	13.5
Other utility property, plant, and equipment	**9.1**	7.3
Less: Accumulated depreciation	**113.1**	102.7
Net	**407.8**	407.9
CWIP	**2.2**	1.2
Total property, plant, and equipment	**$ 410.0**	$ 409.1

NOTE 7--COMMON EQUITY

Our long-term debt obligations contain a provision requiring us to maintain a total funded debt to capitalization ratio of 65% or less. This provision imposes a restriction on our ability to transfer funds to WEC Energy Group in the form of cash distributions. As of December 31, 2023, none of our retained earnings were restricted as a result of this provision.

We do not believe that this restriction will materially affect our operations or limit any distributions in the foreseeable future.

NOTE 8--SHORT-TERM DEBT TO PARENT

The following table shows our short-term borrowings and their corresponding weighted-average interest rates as of December 31:

(in millions, except for percentages)	**2023**	**2022**
Short-term debt to parent:		
Amount outstanding at December 31	**$ 15.2**	$ 27.1
Weighted-average interest rate on amounts outstanding at December 31	**5.58%**	4.70%

Our average amount of short-term borrowings based on daily outstanding balances during 2023 was $21.3 million with a weighted-average interest rate during the period of 5.17%.

The information in the table below relates to our financing commitment with our parent, including remaining available capacity under this arrangement as of December 31:

(in millions)	**2023**
Revolving short-term notes payable to parent	**$ 80.0**
Less:	
Short-term debt to parent outstanding	**15.2**
Available capacity under existing agreement	**$ 64.8**

Our short-term borrowing capacity with WEC Energy Group is $80.0 million. Short-term borrowings bear interest computed at the average stated interest rate payable on commercial paper issued by WEC Energy Group. Short-term debt is callable by WEC Energy Group at any time.

NOTE 9--LONG-TERM DEBT

The following table is a summary of our long-term debt outstanding as of December 31:

(in millions)			2023	2022
Long-term debt	**Interest Rate**	**Year Due**		
Senior Notes (unsecured)	3.26%	2029	**$ 160.0**	$ 160.0
Unamortized debt issuance costs			**(0.7)**	(0.9)
Total long-term debt			**$ 159.3**	$ 159.1

We amortize debt premiums, discounts, and debt issuance costs over the life of the debt using the straight-line method and we include the costs in interest expense.

Maturities of Long-Term Debt Outstanding

The following table shows the future maturities of our long-term debt outstanding as of December 31, 2023:

(in millions)	Payments
2024	$ --
2025	--
2026	--
2027	--
2028	--
Thereafter	160.0
Total	$ 160.0

Our long-term debt obligations contain financial and other covenants related to payment of principal and interest when due and various other obligations. Failure to comply with these covenants could result in an event of default, which could result in the acceleration of outstanding debt obligations. As of December 31, 2023, we were in compliance with our covenants related to our long-term debt obligations.

NOTE 10--INCOME TAXES

Income Tax Expense

The following table is a summary of income tax expense for each of the years ended December 31:

(in millions)	2023	2022	2021
Current tax expense	**$ 4.9**	$ 1.1	$ 0.7
Deferred income taxes, net	**0.8**	4.3	5.8
Total income tax expense	**$ 5.7**	$ 5.4	$ 6.5

Statutory Rate Reconciliation

The provision for income taxes for each of the years ended December 31 differs from the amount of income tax determined by applying the applicable United States statutory federal income tax rate to income before income taxes as a result of the following:

	2023		2022		2021	
(in millions)	**Amount**	**Effective Tax Rate**	**Amount**	**Effective Tax Rate**	**Amount**	**Effective Tax Rate**
Statutory federal income tax	**$ 4.7**	**21.0 %**	$ 4.4	21.0 %	$ 5.5	21.0 %
State income taxes net of federal tax benefit	**1.1**	**4.9 %**	1.0	4.9 %	1.3	4.8 %
Federal excess deferred tax amortization [(1)]	**(0.3)**	**(1.3)%**	(0.3)	(1.4)%	(0.3)	(0.7)%
Other, net	**0.2**	**0.8 %**	0.3	1.5 %	--	-- %
Total income tax expense	**$ 5.7**	**25.4 %**	$ 5.4	26.0 %	$ 6.5	25.1 %

[(1)] The Tax Cuts and Jobs Act of 2017 required us to remeasure our deferred income taxes and we began to amortize the resulting excess protected deferred income taxes beginning in 2018 in accordance with normalization requirements. The decrease in income tax expense related to the amortization of the deferred tax benefits is offset by a decrease in revenue as the benefits are returned to customers, resulting in no impact on net income.

Deferred Income Tax Assets and Liabilities

The components of deferred income taxes at December 31 were as follows:

(in millions)	**2023**	**2022**
Deferred tax assets		
Tax gross up-regulatory items	**$ 2.9**	$ 3.0
Other	**1.9**	1.7
Total deferred tax assets	**$ 4.8**	$ 4.7
Deferred tax liabilities		
Property-related	**$ 45.7**	$ 42.6
Deferred costs - plant retirement	**3.2**	3.3
Regulatory deferrals	**0.8**	0.9
Other	**--**	1.8
Total deferred tax liabilities	**49.7**	48.6
Deferred tax liability, net	**$ 44.9**	$ 43.9

Consistent with ratemaking treatment, deferred taxes in the table above are offset for temporary differences that have related regulatory assets and liabilities.

As of December 31, 2023 and 2022, we had no federal or state deferred tax assets related to tax benefit carryforwards.

Unrecognized Tax Benefits

We had no unrecognized tax benefits at December 31, 2023 and 2022.

We do not expect any unrecognized tax benefits to affect our effective tax rate in periods after December 31, 2023.

For the years ended December 31, 2023, 2022, and 2021, we had no interest expense or penalties related to unrecognized tax benefits in our income statements. At December 31, 2023 and 2022, we had no interest accrued and no penalties accrued related to unrecognized tax benefits in our balance sheets.

We do not anticipate any significant increases in the total amounts of unrecognized tax benefits within the next 12 months.

Our primary tax jurisdictions include federal and the state of Michigan. At December 31, 2023, we were no longer subject to examination by the United States Internal Revenue Service for tax years prior to 2020. At December 31, 2023, we were subject to examination by the Michigan taxing authority for tax years 2019 through 2023.

NOTE 11--FAIR VALUE MEASUREMENTS

The following tables summarize our financial assets and liabilities that were accounted for at fair value on a recurring basis, categorized by level within the fair value hierarchy. We did not have any liabilities accounted for at fair value at December 31, 2022.

	December 31, 2023			
(in millions)	**Level 1**	**Level 2**	**Level 3**	**Total**
Derivative assets				
Natural gas contracts	**$ --**	**$ 0.7**	**$ --**	**$ 0.7**
FTRs	**--**	**--**	**0.3**	**0.3**
Total derivative assets	**$ --**	**$ 0.7**	**$ 0.3**	**$ 1.0**
Derivative liabilities				
Natural gas contracts	**$ --**	**$ 0.2**	**$ --**	**$ 0.2**

	December 31, 2022			
(in millions)	**Level 1**	**Level 2**	**Level 3**	**Total**
Derivative assets				
Natural gas contracts	$ --	$ 0.4	$ --	$ 0.4
FTRs	--	--	0.4	0.4
Total derivative assets	$ --	$ 0.4	$ 0.4	$ 0.8

The derivative assets and liabilities listed in the tables above include physical commodity contracts used to manage market risks related to changes in natural gas supply costs and FTRs, which are used to manage electric transmission congestion costs in the MISO Energy Markets.

The following table summarizes the changes to derivatives classified as Level 3 in the fair value hierarchy at December 31:

(in millions)	**2023**	**2022**	**2021**
Balance at the beginning of the period	**$ 0.4**	$ --	$ 0.1
Purchases	**1.0**	1.5	--
Settlements	**(1.1)**	(1.1)	(0.1)
Balance at the end of the period	**$ 0.3**	$ 0.4	$ --

NOTE 12--DERIVATIVE INSTRUMENTS

Derivative assets and liabilities are included in the other current line items on our balance sheets. The following table shows our derivative assets and derivative liabilities. None of the derivatives shown below were designated as hedging instruments.

	December 31, 2023		December 31, 2022	
(in millions)	**Derivative Assets**	**Derivative Liabilities**	**Derivative Assets**	**Derivative Liabilities**
Current				
Natural gas contracts	**$ 0.7**	**$ 0.2**	$ 0.4	$ --
FTRs	**0.3**	**--**	0.4	**--**
Total current	**$ 1.0**	**$ 0.2**	$ 0.8	$ --

Realized gains and losses on derivatives are recorded in cost of sales upon settlement; however, they may be subsequently deferred for future rate recovery or refund as the gains and losses are included in our fuel and natural gas cost recovery mechanisms. Our estimated notional sales volumes and realized gains were as follows for the years ended:

	December 31, 2023		December 31, 2022		December 31, 2021	
(in millions)	Volumes	Gains	Volumes	Gains	Volumes	Gains
FTRs	**0.7 MWh**	**$ 2.6**	0.4 MWh	$ 0.4	0.3 MWh	$ 0.4

At December 31, 2023 and 2022, none of our derivative instruments could be offset, and we had not posted or received any cash collateral.

NOTE 13--COMMITMENTS AND CONTINGENCIES

We have significant commitments and contingencies arising from our operations, including those related to unconditional purchase obligations, environmental matters, and enforcement and litigation matters.

Unconditional Purchase Obligations

We have obligations to distribute and sell natural gas to our customers and expect to recover costs related to these obligations in future customer rates. In order to meet these obligations, we routinely enter into long-term purchase and sale commitments for various quantities and lengths of time.

The following table shows our minimum future commitments related to these purchase obligations as of December 31, 2023.

			Payments Due By Period					
(in millions)	Date Contracts Extend Through	Total Amounts Committed	2024	2025	2026	2027	2028	Later Years
Natural gas supply and transportation	2039	**$ 68.8**	**$ 4.5**	**$ 4.3**	**$ 4.3**	**$ 4.3**	**$ 4.3**	**$ 47.1**

Environmental Matters

Consistent with other companies in the energy industry, we face significant ongoing environmental compliance and remediation obligations related to current and past operations. Specific environmental issues affecting us include, but are not limited to, current and future regulation of air emissions such as GHGs and remediation of impacted properties, including a former manufactured gas plant site.

We have continued to pursue a proactive strategy to manage our environmental compliance obligations, including:

- the development of additional sources of renewable electric energy supply;
- the protection of wetlands and waterways, biodiversity including threatened and endangered species, and cultural resources associated with utility construction projects;
- the remediation of a former manufactured gas plant site;
- the reduction of methane emissions across our natural gas distribution system by upgrading infrastructure; and
- the reporting of GHG emissions to comply with federal clean air rules.

Air Quality

Cross State Air Pollution Rule - Good Neighbor Plan

In March 2023, the EPA issued its final Good Neighbor Plan, which became effective in August 2023 and requires significant reductions in ozone-forming emissions of nitrogen oxide from power plants and industrial facilities. After review of the final rule, we believe that we are well positioned to meet the requirements.

Our RICE units are not currently subject to the final rule as each unit is less than 25 MWs. To the extent we use RICE engines for natural gas distribution operations, those engines not part of an LDC are subject to the emission limits and operational requirements of the rule beginning in 2026. The EPA has exempted LDCs from the final rule.

Climate Change

WEC Energy Group's ESG Progress Plan includes the retirement of older, fossil-fueled generation, to be replaced with zero-carbon-emitting renewables and clean natural gas-fueled generation. WEC Energy Group expects to retire approximately 1,800 MWs of additional fossil-fueled generation by the end of 2031. In May 2021, WEC Energy Group announced goals to achieve reductions in carbon emissions from its electric generation fleet by 60% by the end of 2025 and by 80% by the end of 2030, both from a 2005 baseline. WEC Energy Group expects to achieve these goals by making operating refinements, retiring less efficient generating units, and executing its capital plan. Over the longer term, the target for WEC Energy Group's generation fleet is to be net carbon neutral by 2050.

WEC Energy Group also continues to reduce methane emissions by improving its natural gas distribution systems and has set a target across its natural gas distribution operations to achieve net-zero methane emissions by the end of 2030. WEC Energy Group plans to achieve its net-zero goal through an effort that includes both continuous operational improvements and equipment upgrades, as well as the use of renewable natural gas throughout its natural gas utility distribution systems.

Water Quality

Waters of the United States

In January 2023, the EPA and the Army Corps (the agencies) together released a final rule effective in March 2023 that established standards for identifying which wetland or surface drainage features qualify as WOTUS based on its pre-2015 definition. The pre-2015 approach involved applying factors established through case law and agency precedents to determine whether a wetland or surface drainage feature is subject to federal jurisdiction.

In May 2023, in *Sackett v. EPA,* the Supreme Court issued a decision significantly narrowing federal jurisdiction over wetlands to "traditional navigable waters" and wetlands or other waters that have a "continuous surface connection" with a traditional navigable water.

In August 2023, the agencies revised the final rule to conform the definition of WOTUS to the Supreme Court's May 2023 *Sackett* decision. The conforming rule became effective upon publication in the Federal Register on September 8, 2023.

We anticipate this final rule revision based on the *Sackett* decision may lead to a decreased number of projects that require Army Corps federal wetland permits. This decision also may affect the administration of some state programs. At this point, our projects requiring federal permits are moving ahead, but we are monitoring these recent developments to better understand potential future impacts.

Land Quality

Manufactured Gas Plant Remediation

We have identified a site at which a predecessor company owned or operated a manufactured gas plant or stored manufactured gas. We are responsible for the environmental remediation of this site.

The future costs for detailed site investigation, future remediation, and monitoring are dependent upon several variables including, among other things, the extent of remediation, changes in technology, and changes in regulation.

Renewables, Efficiency, and Conservation

Michigan Legislation

In December 2016, Michigan enacted Act 342, which required 12.5% of the state's electric energy to come from renewables for 2019 and 2020, and energy optimization (efficiency) targets up to 1% annually. The renewable requirement increased to 15.0% for 2021 and beyond. We were in compliance with our requirements under this statute as of December 31, 2023. The legislation continues to allow recovery of costs incurred to meet the standards and provides for ongoing review and revision to assure the measures taken are cost-effective.

In November 2023, Michigan enacted Acts 229, 231 and 235. The acts require electric providers to file a renewable energy plan every two years and to set renewable energy portfolio targets from now until 2040. The proposed renewable energy targets include 15% through 2029, 50% from 2030 through 2034, and 60% renewable energy by 2035 and thereafter. The bill also sets clean energy standards of 80% for 2035-2039 and 100% after 2040. The bill only allows natural gas to count as clean energy if it is accompanied with carbon capture and storage. The MPSC has indicated that it will complete a study by December 2024 on the unique conditions influencing electric generation, transmission, and demand in the Upper Peninsula of Michigan, which includes the unique role of RICE units placed in service to facilitate the retirement of coal-fired generation in the Upper Peninsula of Michigan. The new acts also revise the requirement a utility must meet in filing its energy waste reduction plans. They require a utility to file a plan every two years until 2025, then every three years thereafter.

Enforcement and Litigation Matters

We are involved in legal and administrative proceedings before various courts and agencies with respect to matters arising in the ordinary course of business. Although we are unable to predict the outcome of these matters, management believes that appropriate reserves have been established and that final settlement of these actions will not have a material impact on our financial condition or results of operations.

NOTE 14--SUPPLEMENTAL CASH FLOW INFORMATION

	Year Ended December 31		
(in millions)	**2023**	**2022**	**2021**
Cash paid for interest, net of amount capitalized	**$ 6.5**	$ 5.8	$ 5.4
Cash paid for income taxes, net	**3.8**	0.4	2.5
Significant non-cash investing and financing transactions:			
Accounts payable related to construction costs	**0.8**	0.5	0.3

NOTE 15--REGULATORY ENVIRONMENT

2024 Rate Application

On December 28, 2023, we provided notification to the MPSC of our intent to file an application requesting an increase to our electric rates. The application is expected to be filed in the second quarter of 2024 and to request new rates be effective January 1, 2025.

NOTE 16--NEW ACCOUNTING PRONOUNCEMENTS

Improvements to Income Tax Disclosures

In December 2023, the Financial Accounting Standards Board issued Accounting Standards Update No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. The amendments require additional disclosures, primarily related to income taxes paid and the rate reconciliation table. The amendments require disclosures on specific categories in the rate reconciliation table, as well as additional information for reconciling items that meet a quantitative threshold. For income taxes paid, additional disclosures are required to disaggregate federal, state, and foreign income taxes paid, with additional disclosures for income taxes paid that meet a quantitative threshold. The amendments are effective for annual periods beginning after December 15, 2025, with early adoption permitted. We plan to early adopt these amendments beginning with our fiscal year ending on December 31, 2025, and are currently evaluating the impact this guidance may have on our financial statements and related disclosures.

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Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION

Line No.	Item (a)	Total (b)	Electric (c)
1	UTILITY PLANT		
2	In Service		
3	Plant in Service (Classified)	520,148,233	502,597,564
4	Property Under Capital Leases	0	
5	Plant Purchased or Sold	0	
6	Completed Construction not Classified	0	
7	Experimental Plant Unclassified	0	
8	TOTAL *(Enter Total of lines 3 thru 7)*	520,148,233	502,597,564
9	Leased to Others	0	
10	Held for Future Use	0	
11	Construction Work in Progress	2,161,142	1,245,699
12	Acquisition Adjustments	0	
13	TOTAL Utility Plant *(Enter Total of lines 8 thru 12)*	522,309,375	503,843,263
14	Accum. Prov. For Depr., Amort., & Depl.	128,250,109	124,173,010
15	Net Utility Plant *(Enter Total of line 13 less 14)*	394,059,266	379,670,253
16	DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION		
17	In Service:		
18	Depreciation	127,328,781	124,121,757
19	Amort. and Depl. of Producing Natural Gas Land and Land Rights	0	
20	Amort. of Underground Storage Land and Land Rights	0	
21	Amort. of Other Utility Plant	921,328	51,253
22	TOTAL in Service *(Enter Total of lines 18 thru 21)*	128,250,109	124,173,010
23	Leased to Others	0	
24	Depreciation	0	
25	Amortization and Depletion	0	
26	TOTAL Leased to Others *(Enter Total of lines 24 and 25)*	0	0
27	Held for Future Use	0	
28	Depreciation	0	
29	Amortization	0	
30	TOTAL Held for Future Use *(Enter Total of lines 28 and 29)*	0	0
31	Abandonment of Leases (Natural Gas)	0	
32	Amort. of Plant Acquisition Adj.	0	
33	TOTAL Accumulated Provisions (Should agree with line 14 above) (Enter Total of lines 22, 26, 30, 31 and 32)	128,250,109	124,173,010

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION (Continued)

Gas (d)	Other (Specify) (e)	Other (Specify) (f)	Other (Specify) (g)	Common (h)	Line No.
					1
					2
14,312,250				3,238,419	3
					4
					5
					6
					7
14,312,250	0	0	0	3,238,419	8
					9
					10
464,844				450,599	11
					12
14,777,094	0	0	0	3,689,018	13
	3,167,307			909,792	14
14,777,094	(3,167,307)	0	0	2,779,226	15
					16
					17
	3,158,431			48,593	18
					19
					20
	8,876			861,199	21
0	3,167,307	0	0	909,792	22
					23
					24
					25
0	0	0	0	0	26
					27
					28
					29
0	0	0	0	0	30
					31
					32
0	3,167,307	0	0	909,792	33

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106)

1. Report below the original cost of plant in service in the same detail as in the current depreciation order.
2. In addition to Account 101, Electric Plant in service (Classified), this page and the next include Account 102, Electric Plant Purchased or Sold; Account 103, Experimental Electric Plant Unclassified; and Account 106, Completed Construction Not Classified - Electric.
3. Include in column (c) or (d), as appropriate, corrections of additions and retirements for the current or preceding year.
4. Enclose in parentheses credit adjustments of plant accounts to indicate the negative effect of such amounts.
5. Classify Account 106 according to prescribed accounts, on an estimated basis if necessary, and include the entries in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (b). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, include in column (d) a tentative distribution of such retirements on an estimated basis, with appropriate contra entry to the account for accumulated depreciation provision. Include also in column (d) reversals of tentative distributions of prior year of unclassified retirements. Attach supplemental statement showing the account distributions of these tentative classifications in columns (c) and (d), including the

Line No.	Account (a)	Balance at Beginning of Year (b)	Additions (c)
1	**1. INTANGIBLE PLANT**		
2	301 Organization		
3	302 Franchises and Consents		
4	303 Miscellaneous Intangible Plant	168,250	46,445
5	TOTAL Intangible Plant	**168,250**	46,445
6	**2. PRODUCTION PLANT**		
7	Steam Production Plant		
8	310.1 Land		
9	310.2 Land Rights		
10	311 Structures and Improvements		
11	312 Boiler Plant Equipment		
12	313 Engines and Engine-Driven Generators		
13	314 Turbogenerator Units		
14	315 Accessory Electric Equipment		
15	316 Miscellaneous Power Plant Equipment		
16	TOTAL Steam Production Plant	**0**	0
17	Nuclear Production Plant		
18	320.1 Land		
19	320.2 Land Rights		
20	321 Structures and Improvements		
21	322 Reactor Plant Equipment		
22	323 Turbogenerator Units		
23	324 Accessory Electric Equipment		

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

reversals of the prior year's tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

6. Show in column (f) reclassification or transfers within utility plant accounts. Include also in column (f) the additions or reductions of primary account classifications arising from distribution of amounts initially recorded in Account 102. In showing the clearance of Account 102, include in column (e) the amounts with respect to accumulated provision for depreciation, acquisition adjustments, etc., and show in column (f) only the offset to the debits or credits distributed in column (f) to primary account classifications.

7. For Account 399, state the nature and use of plant included in this account and, if substantial in amount, submit a supplementary statement showing subaccount classification of such plant conforming to the requirements of these pages.

8. For each amount comprising the reported balance and changes in Account 102, state the property purchased or sold, name of vendor or purchaser, and date of transaction. If proposed journal entries have been filed with the Commission as required by the Uniform System of Accounts, give also date of such filing.

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
					1
				301	2
				302	3
		3,122	217,817	303	4
		3,122	**217,817**		5
					6
					7
				310.1	8
				310.2	9
				311	10
				312	11
				313	12
				314	13
				315	14
				316	15
			0		16
					17
				320.1	18
				320.2	19
				321	20
				322	21
				323	22
				324	23

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

Line No.	Account (a)	Balance at Beginning of Year (b)	Addition (c)
24	325 Miscellaneous Power Plant Equipment		
25	TOTAL Nuclear Production Plant		
26	Hydraulic Production Plant		
27	330.1 Land		
28	330.2 Land Rights		
29	331 Structures and Improvements		
30	332 Reservoirs, Dams and Waterways		
31	333 Water Wheels, Turbines and Generators		
32	334 Accessory Electric Equipment		
33	335 Miscellaneous Power Plant Equipment		
34	336 Roads, Railroads and Bridges		
35	TOTAL Hydraulic Production Plant	**0**	0
36	Other Production Plant		
37	340.1 Land	2,121,938	
38	340.2 Land Rights		
39	341 Structures and Improvements	81,700,036	423,561
40	342 Fuel Holders, Products and Accessories	17,782,278	
41	343 Prime Movers		
42	344 Generators	134,010,332	393,744
43	345 Accessory Electric Equipment	26,694,558	
44	346 Miscellaneous Power Plant Equipment	1,516,382	90,116
45	TOTAL Other Production Plant	**263,825,524**	907,421
46	TOTAL Production Plant	**263,825,524**	907,421
47	**3. TRANSMISSION PLANT**		
48	350.1 Land		
49	350.2 Land Rights		
50	352 Structures and Improvements		
51	353 Station Equipment		
52	354 Towers and Fixtures		
53	355 Poles and Fixtures		
54	356 Overhead Conductors and Devices		
55	357 Underground Conduit		
56	358 Underground Conductors and Devices		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
				325	24
					25
					26
				330.1	27
				330.2	28
				331	29
				332	30
				333	31
				334	32
				335	33
				336	34
0			**0**		35
					36
			2,121,938	340.1	37
				340.2	38
4,849			82,118,748	341	39
			17,782,278	342	40
				343	41
190,608			134,213,468	344	42
			26,694,558	345	43
			1,606,498	346	44
195,457		**0**	**264,537,488**		45
195,457		**0**	**264,537,488**		46
					47
				350.1	48
				350.2	49
				352	50
				353	51
				354	52
				355	53
				356	54
				357	55
				358	56

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

Line No.	Account (a)	Balance at Beginning of Year (b)	Additions (c)
57	359 Roads and Trails		
58	TOTAL Transmission Plant		
59	**4. DISTRIBUTION PLANT**		
60	360.1 Land	695,481	
61	360.2 Land Rights		
62	361 Structures and Improvements	2,203,824	78,671
63	362 Station Equipment	28,136,046	2,224,089
64	363 Storage Battery Equipment		
65	364 Poles, Towers and Fixtures	43,245,305	2,215,504
66	365 Overhead Conductors and Devices	42,412,360	1,130,951
67	366 Underground Conduit	337,189	(1,006)
68	367 Underground Conductors and Devices	50,512,625	2,160,575
69	368 Line Transformers	22,622,637	352,833
70	368.1 Capacitors		
71	369 Services	25,519,526	1,920,448
72	370 Meters	7,982,749	10,748
73	371 Installations on Customers' Premises	840,744	(1,539)
74	372 Leased Property on Customers' Premises		
75	373 Street Lighting and Signal Systems	1,113,652	(127,028)
76	TOTAL Distribution Plant	**225,622,138**	9,964,246
77	**5. GENERAL PLANT**		
78	389.1 Land		
79	389.2 Lands Rights		
80	390 Structures and Improvments		
81	391 Office Furniture and Equipment	69,725	3,086
82	391.1 Computers / Computer Related Equipment		
83	392 Transportation Equipment		
84	393 Stores Equipment		
85	394 Tools, Shop and Garage Equipment	54,757	
86	395 Laboratory Equipment		
87	396 Power Operated Equipment		
88	397 Communication Equipment	4,062,983	1,337,882
89	398 Miscellaneous Equipment		
90	SUBTOTAL	**4,187,465**	1,340,968

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
				359	57
					58
					59
			695,481	360.1	60
				360.2	61
4,292			2,278,203	361	62
463,420			29,896,715	362	63
				363	64
142,208		4,186	45,322,787	364	65
54,253		513	43,489,571	365	66
			336,183	366	67
174,201			52,498,999	367	68
135,496		109,701	22,949,675	368	69
				368.1	70
34,794			27,405,180	369	71
2,215,845		26,252	5,803,904	370	72
45,917		(3,672)	789,616	371	73
				372	74
71,026		(1,027)	914,571	373	75
3,341,452		135,953	**232,380,885**		76
					77
				389.1	78
				389.2	79
				390	80
		(3,122)	69,689	391	81
				391.1	82
				392	83
				393	84
43,829			10,928	394	85
				395	86
				396	87
20,108			5,380,757	397	88
				398	89
63,937		(3,122)	**5,461,374**		90

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

Line No.	Account (a)	Balance at Beginning of Year (b)	Additions (c)
91	399 Other Tangible Property		
92	TOTAL General Plant	**4,187,465**	1,340,968
93	TOTAL (Accounts 101 and 106)	**493,803,377**	12,259,080
94			
95	102 Electric Plant Purchased		
96	(Less) 102 Electric Plant Sold		
97	103 Experimental Plant Unclassified		
98	TOTAL Electric Plant in Service *(Total of lines 93 thru 97)*	**493,803,377**	12,259,080

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2024	Year of Report December 31, 2023

ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
				399	91
63,937		(3,122)	**5,461,374**		92
3,600,846		135,953	**502,597,564**		93
					94
				102	95
					96
				103	97
3,600,846		135,953	**502,597,564**		98

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 04/29/24	Year of Report December 31, 2023

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
211	98	f	All transfers relate to account reclassifications within electric, or business segment reclassifications between electric and common or non-utility.

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.
2. The information specified by this schedule for Account 106, Completed Construction Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.
3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).
4. Minor projects may be grouped.

Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
1	UMERC electric meters	221,108		
2	UMERC Tilden SS-ATC support	407,036		
3	Palo Alto firewall lifecycle-UMERC	179,918		
4	KTR lubrication filtration upgrade	106,195		
5	EOT-EOT consol-pln dsgn proj-WE/WPS	74,555		
6				
7	Projects less than $24.4K	240,529		
8				
9	UMERC SAGOLA SS - replace T5		3,504,618	
10	Projects less than $1M		1,414,207	
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35	**TOTAL**	**1,229,341**	**4,918,825**	**0**

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

CONSTRUCTION OVERHEADS - ELECTRIC

1. List in column (a) the kinds of overheads according to the titles used by the respondent. Charges for outside professional services for engineering fees and management or supervision fees capitalized should be shown as separate items.
2. On page 218 furnish information concerning construction overheads.
3. A respondent should not report "none" to this page if no overhead apportionments are made, but rather should explain on page 218 the accounting procedures employed and the amounts of engineering, supervision and administrative costs, etc., which are directly charged to construction.
4. Enter on this page engineering, supervision, administrative, and allowance for funds used during construction, etc., which are first assigned to a blanket work order and then prorated to construction jobs.

Line No.	Description of Overhead (a)	Total Amount Charged for the Year (b)
1	Allowance for funds used during construction	26,491
2		
3		
4		
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39	**TOTAL**	**26,491**

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

GENERAL DESCRIPTION OF CONSTRUCTION OVERHEAD PROCEDURE

1. For each construction overhead explain: (a) the nature and extent of work, etc., the overhead charges are intended to cover, (b) the general procedure for determining the amount capitalized, (c) the method of distribution to construction jobs, (d) whether different rates are applied to different types of construction, (e) basis of differentiation in rates for different types of construction, and (f) whether the overhead is directly or indirectly assigned.
2. Show below the computation of allowance for funds used during construction rates, if those differ from the overall rate of return authorized by the Michigan Public Service Commission.

Specific overhead expenditures incurred for the benefit of particular projects are distributed directly to such individual jobs and allocated to direct construction costs monthly.

Allowance for Funds Used During Construction (AFUDC) is calculated on the average monthly eligible Construction Work In Progress (CWIP) balance using the FERC methodology. AFUDC is capitalized and compounded monthly and is allocated to each jurisdiction using the current jurisdictional split similar to the basic cost record plant. Any differences between the retail methodology and FERC methodology results in a retail-only difference, which is capitalized in Account 107. These differences result due to (1) retail AFDUC being calculated on 50% of average monthly eligible CWIP (except for any directly assignable FERC CWIP) and (2) retail AFUDC using the overall cost of capital as approved in the PSCW rate case, which was at an annual rate of 2.2202% debt and 5.4898% equity.

COMPUTATION OF ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION RATES

For line 1(5), column (d) below, enter the rate granted in the last rate proceeding. If such is not available, use the average rate earned during the preceding three years.

1. Components of Formula (Derived from actual book balances and actual cost rates):

Line No.	Title (a)	Amount (b)	Capitalization Ratio (Percent) (c)	Cost Rate Percentage (d)
1	Average Short-Term Debt & Computation of Allowance Text	S		
2	Short-Term Interest			s
3	Long-Term Debt	D		d
4	Preferred Stock	P		p
5	Common Equity	C		c
6	Total Capitalization	$0	0%	
7	Average Construction Work In Progress Balance	W		

2. Gross Rate for Borrowed Funds $s\left(\frac{S}{W}\right) + d\left(\frac{D}{D+P+C}\right)\left(1 - \frac{S}{W}\right)$

3. Rate for Other Funds $\left[1 - \frac{S}{W}\right]\left[p\left(\frac{P}{D+P+C}\right) + c\left(\frac{C}{D+P+C}\right)\right]$

4. Weighted Average Rate Actually Used for the Year:

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ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT *(Account 108 & 110)*

1. Explain in a footnote any important adjustments during year.
2. Explain in a footnote any difference between the amount for book cost of plant retired, line 11, column (c), and that reported for electric plant in service, pages 202-204A, column (d), excluding retirements of non-depreciable property.
3. Accounts 108 and 110 in the Uniform System of Accounts require that retirements of depreciable plant be recorded when such plant is removed from service.

If the respondent has a significant amount of plant retired at year end which has not been recorded and/or classified to the various reserve functional classifications, make preliminary closing entries to tentatively functionalize the book cost of the plant retired. In addition, include all cost included in retirement work in progress at year end in the appropriate functional classifications.
4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.

Section A. Balances and Changes During Year

Line No.	Item (a)	Total (c+d+e) (b)	Electric Plant in Service (c)	Electric Plant Held for Future Use (d)	Electric Plant Leased to Others (e)
1	Balance Beginning of Year	113,911,913	113,911,913		
2	Depreciation Prov. for Year, Charged to				
3	(403) Depreciation Expense	14,882,176	14,882,176		
4	(403.1) Decommissioning Expense				
5	(413) Exp. Of Elec. Plt. Leas. to Others				
6	Transportation Expenses-Clearing				
7	Other Clearing Accounts				
8	Other Accounts (Specify):				
9					
10	TOTAL Deprec. Prov. For Year *(Enter Total of Lines 3 thru 9)*	**14,882,176**	**14,882,176**		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	(3,600,846)	(3,600,846)		
13	Cost of Removal	(1,055,510)	(1,055,510)		
14	Salvage (Credit)	10,908	10,908		
15	TOTAL Net Chrgs. For Plant Ret. *(Enter Total of lines 12 thru 14)*	**(4,645,448)**	**(4,645,448)**		
16	Net Earnings of Decommissioning Funds				
17	Other Debit or Credit Items (Described)	(26,884)	(26,884)		
18	Retirement WIP				
19	Balance End of Year *(Enter total of lines 1, 10, 15, 16 & 17)*	**124,121,757**	**124,121,757**		

Section B. Balances at End of Year According to Functional Classifications

20	WIP-Retirement				
21	Nuclear Production-Depreciation				
22	Nuclear Production-Decommissioning				
23	Hydraulic Production-Conventional				
24	Hydraulic Production-Pumped Storage				
25	Other Production	39,583,290	39,583,290		
26	Transmission				
27	Distribution	83,753,027	83,753,027		
28	General	785,440	785,440		
29	TOTAL (Enter total of lines 20 thru 28)	**124,121,757**	**124,121,757**		

Name of Respondent	This Report Is:	Date of Report	Year of Report
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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
219	17	c	Other Debit or Credit Items Transfer of reserve balance from MI assets $ (26,884) TOTAL $ (26,884)

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Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) April 29, 2024	December 31, 2023

Depreciation Cost of Removal by Plant Accounting
Per Supplemental Information Request

	Plant Account	Plant Account Name	Amount
1	341	Structures and Improvements	$ 1,373
2	344	Generators	16,553
3	361	Structures and Improvements	3,994
4	362	Station Equipment	282,528
5	364	Poles, Towers and Fixtures	383,902
6	365	Overhead Conductors and Devices	207,823
7	366	Underground Conduit	328
8	367	Underground Conductors and Devices	60,750
9	369	Services	81,371
10	371	Installations on Customers' Presmises	2,360
11	373	Street Lighting and Signal Systems	11,538
12	391	Office Furniture/PC Equipment/Network Equipment	554
13	397	Communication Equipment	2,436
14	TOTAL		$ 1,055,510
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Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

NOTES AND ACCOUNTS RECEIVABLE SUMMARY FOR BALANCE SHEET

Show separately by footnote the total amount of notes and accounts receivable from directors, officers, and employees included in Notes Receivable (Account 141) and Other Accounts Receivable (Account 143).

Line No.	Accounts (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Notes Receivable (Account 141)		
2	Customer Accounts Receivable (Account 142)	19,836,612	16,729,391
3	Other Accounts Receivable (Account 143) (Disclose any capital stock subscriptions received)	1,266,665	172,128
4	TOTAL	**22,369,942**	**16,901,519**
5	Less: Accumulated Provision for Uncollectible Accounts-Cr. (Account 144)	2,296,849	2,846,979
6	TOTAL, Less Accumulated Provision for Uncollectible Accounts	**20,073,093**	**14,054,540**
7			
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ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNT-CR. (Account 144)

1. Report below the information called for concerning this accumulated provision.
2. Explain any important adjustments of subaccounts.
3. Entries with respect to officers and employees shall not include items for utility services.

Line No.	Item (a)	Utility Customers (b)	Merchandise Jobbing and Contract Work (c)	Officers and Employees (d)	Other (e)	Total (f)
1	Balance beginning of year	2,296,849				**2,296,849**
2	Provision for uncollectibles for current year	1,204,210				**1,204,210**
3	Less: Accounts written off	535,319				**535,319**
4	Collection of accounts written off	(118,761)				**(118,761)**
5	Adjustments (explain): To reserve based on analysis of uncollectible reserve					**0**
6	Balance end of year	**2,846,979**	**0**	**0**	**0**	**2,846,979**
7						
8						
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Name of Respondent	This Report Is:	Date of Report	Year of Report
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Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)

1. Report particulars of notes and accounts receivable from associated companies* at end of year.
2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.
3. For notes receivable, list each note separately and state purpose for which received. Show also in column (a) date of note, date of maturity and interest rate.
4. If any note was received in satisfaction of an open account, state the period covered by such open account.
5. Include in column (f) interest recorded as income during the year including interest on accounts and notes held at any time during the year.
6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

* NOTE: "Associated companies" means companies or persons that, directly or indirectly, through one or more intermediaries, control, or are controlled by, or are under common control with, the account company. This includes related parties.

"Control" (including the terms "controlling," "controlled by," and "under common control with") means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a company, whether such power is exercised through one or more intermediary companies, or alone, or in conjunction with, or pursuant to an agreement, and whether such power is established through a majority or minority ownership or voting of securities, common directors, officers or stockholders, voting trusts, holding trusts, associated companies, contract or any other direct or indirect means.

Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year Debits (c)	Totals for Year Credits (d)	Balance End of Year (e)	Interest for Year (f)
1	Accounts Receivable:					
3	Wisconsin Electric Power Company	9,886,480	197,746,747	201,321,984	**6,311,243**	
4	Wisconsin Public Service Corporation	2,898,256	29,960,680	30,983,170	**1,875,766**	
5	WEC Business Services LLC	403,744	2,432,793	2,313,567	**522,970**	
6	WEC Energy Group, Inc.	1,089,171	1,095,464	2,184,635	**0**	
7	Wisconsin Gas Company	0	125,500	125,500	**0**	
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39	**TOTAL**	**14,277,651**	**231,361,184**	**236,928,856**	**8,709,979**	**0**

NOTE: All information presented pertains to Account 146. Account 145 had no activity during 2023.

Name of Respondent	This Report Is:	Date of Report	Year of Report
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Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

MATERIALS AND SUPPLIES

1. For Account 154, report the amount of plant materials and operating supplies under the primary functional classifications as indicated in column (a); estimates of amounts by function are acceptable. In column (d), designate the department or departments which use the class of material.

2. Give an explanation of important inventory adjustments during the year (in a footnote) showing general classes of material and supplies and the various accounts (operating expenses, clearing accounts, plant, etc.) affected-debited or credited. Show separately debits or credits to stores expense-clearing, if applicable.

Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Dept. or Departments Which Use Material (d)
1	Fuel Stock (Account 151)			
2	Fuel Stock Expenses Undistributed (Account 152)			
3	Residuals and Extracted Products (Account 153)			
4	Plant Materials & Operating Supplies (Account 154)			
5	Assigned to - Construction (Estimated)			
6	Assigned to - Operations & Maintenance			
7	Production Plant (Estimated)			
8	Transmission Plant (Estimated)			
9	Distribution Plant (Estimated)	3,828,654	4,967,523	Electric & Gas
10	Assigned to - Other			
11	TOTAL Account 154 *(Enter total of line 5 thru 10)*	3,828,654	4,967,523	
12	Merchandise (Account 155)			
13	Other Material & Supplies (Account 156)			
14	Nuclear Materials Held for Sale (Account 157) *(not applicable to Gas utilities)*			
15	Stores Expense Undistributed (Account 163)			
16				
17				
18				
19				
20	TOTAL Materials & Supplies (Per Balance Sheet)	3,828,654	4,967,523	

Name of Respondent	This Report Is:	Date of Report	Year of Report
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MISCELLANEOUS CURRENT AND ACCRUED ASSETS (Account 174)

1. Give description and amount of other current and accrued assets as of the end of year.
2. Minor items may be grouped by classes, showing number of items in each class.

Line No.	Item (a)	Balance End of Year (b)
1	Gas imbalance receivable	2,348
2		
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25	TOTAL	**2,348**

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

EXTRAORDINARY PROPERTY LOSS (Account 182.1)

Line No.	Description of Extraordinary Loss (Include in description the date of loss, the date of Commission authorization to use Account 182.1 and period of amortization (mo, yr, to mo, yr). (a)	Total Amount of Loss (b)	Losses Recognized During Year (c)	WRITTEN OFF DURING YEAR		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
1	None					
2						
3						
4						
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19						
20	TOTAL					

UNRECOVERED PLANT AND REGULATORY STUDY COSTS (182.2)

Line No.	Description of Unrecovered Plant and Regulatory Study Costs (Include in the description of costs, the date of Commission authorization to use Account 182.2, and period of amortization (mo, yr, to mo, yr). (a)	Total Amount of Loss (b)	Losses Recognized During Year (c)	WRITTEN OFF DURING YEAR		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
21	Plant retirements (PIPP)	12,692,528	713	407	436,353	12,256,888
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49	TOTAL	12,692,528	713		436,353	12,256,888

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

1. Report below particulars concerning the cost of plans, surveys, and investigations made for the purpose of determining the feasibility of projects under contemplation.

2. Minor items may be grouped by classes. Show the number of items in each group.

Line No.	Description and Purpose of Project (a)	Balance Beginning of Year (b)
1	Championverso plant reconfiguration support	(42,832)
2	Watersmeet new RTU and recloser replacement	11,784
3	SAGOLA SS (replace T5)	34,722
4	Keel Ridge substation	0
5	Empire substation	0
6	Other projects	8,400
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TOTAL		12,074

Name of Respondent	This Report Is:	Date of Report	Year of Report
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PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

Debits	CREDITS		Balance End of Year	Line No.
	Account Charged	Amount		
(c)	(d)	(e)	(f)	
42,832	107.00		0	1
3,813	107.00	15,597	0	2
59,277	107.00	93,999	0	3
89,525			89,525	4
25,190			25,190	5
192	107.00	7,094	1,498	6
				7
				8
				9
				10
				11
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220,829		116,690	116,213	TOTAL

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

OTHER REGULATORY ASSETS

1. Report below the particulars (details) called for concerning other regulatory assets which are created through the ratemaking actions of regulatory agencies (and not includable in other amounts).
2. For regulatory assets being amortized, show period of amortization in column (a).
3. Minor items (amounts less than $50,000) may be grouped by classes.
4. Give the number and name of the account(s) where each amount is recorded.

Line No.	Description and Purpose of Other Regulatory Assets (a)	Balance at Beginning of Current Quarter/Year (b)	Debits (c)	CREDITS Account Charged (d)	CREDITS Amount (e)	Balance at End of Year (f)
1	Crane Creek production tax credit	374,740		Various	23,179	351,561
2	De Pere Energy Center	24,392		407	24,392	0
3	Environmental remediation costs	51,907	747	735	52,654	0
4	Fox Energy Center	4,613,514		407	464,000	4,149,514
5	Income tax related	2,793,989	48	180, 282	102,452	2,691,585
6	MI AES deferral	626,389				626,389
7	Misc. regulatory reserve	(2,312,239)	51,907	Various		(2,260,332)
8	Plant retirements	67,649		407	4,441	63,208
9	W3 ReAct deferral	1,818,569				1,818,569
10	Derivatives	-	169,465	Various		169,465
11						
12						
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44	TOTAL	8,058,910	222,167		671,118	7,609,959

Name of Respondent	This Report Is:	Date of Report	Year of Report
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MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars (details) called for concerning miscellaneous deferred debits.
2. For any deferred debit being amortized, show period of amortization in column (a).
3. Minor items (1% of the Balance at End of Year for Account 186 or amounts less than $50,000, whichever is less) may be grouped by classes.

Line No.	Description of Miscellaneous Deferred Debits (a)	Balance at Beginning of Year (b)	Debits (c)	CREDITS Account Charged (d)	CREDITS Amount (e)	Balance at End of Year (f)
1	Deferred project charges	592,628	187,506	Various	755,693	24,441
2	Radio frequency	115,676		131		115,676
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38	Miscellaneous Work in Progress					
39	TOTAL	708,304				140,117

Name of Respondent	This Report Is:	Date of Report	Year of Report
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ACCUMULATED DEFERRED INCOME TAXES (Account 190)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes.

2. At Other (Specify), include deferrals relating to other income and deductions.

Line No.	Account Subdivision (a)	Balance at Beginning of Year (b)	Changes During Year	
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)
1	Electric			
2	Contributions in Aid of Construction	66,669	4,803	20,510
3	Bad Debt Reserve	591,208	17,623	159,226
4	Post Retirement Benefits			
5				
6				
7	Other	5,063,519	706,757	810,857
8	TOTAL (Account 190) (Enter total of lines 2 thru 7)	5,721,396	729,183	990,593
9	Gas			
10				
11				
12				
13				
14				
15	Other	3,215	61,624	11,300
16	TOTAL Gas (Enter total of lines 10 thru15)	3,215	61,624	11,300
17	Other (Specify)	(51,068)		
18	TOTAL (Account 190) *(Enter total of lines 8, 16 & 17)*	**5,673,543**	**790,807**	**1,001,893**
19	Classification of Total:			
20	Federal Income Tax	4,398,106	625,101	786,983
21	State Income Tax	1,275,437	165,706	214,910
22	Local Income Tax			

NOTES

Other Electric:

	Balance Beginning of Year	Balance End of Year
Conservation / Weatherization	$ 119,231	$ 74,358
MISO charges	68,482	68,482
Other	189,834	225,228
Prepaid tax and insurance	56,455	105,091
Property related	3,427,372	3,369,734
Regulatory deferral	819,923	881,892
Tax amortizations	382,222	355,556
TOTAL	$ 5,063,519	$ 5,080,341

Name of Respondent	This Report Is:	Date of Report	Year of Report
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ACCUMULATED DEFERRED INCOME TAXES (Account 190) (Continued)

3. If more space is needed, use separate pages as required.
4. In the space provided below, identify by amount and classification, significant items for which deferred taxes are being provided. Indicate insignificant amounts listed Other.

Changes During Year		ADJUSTMENTS					
		DEBITS		CREDITS			
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Acct. No. (g)	Amount (h)	Acct. No. (i)	Amount (j)	Balance at End of Year (k)	Line No.
							1
						82,376	2
						732,811	3
						0	4
						0	5
							6
					87,278	5,080,341	7
			0		87,278	5,895,528	8
							9
						0	10
						0	11
						0	12
						0	13
						0	14
						(47,109)	15
						(47,109)	16
						(51,068)	17
0	**0**		**0**		**87,278**	**5,797,351**	18
							19
					74,056	4,485,932	20
					13,222	1,311,419	21
							22

NOTES *(Continued)*

	Balance Beginning of Year	Balance End of Year
Other Gas:		
Environmental	$ -	$ -
Property related	115,040	113,150
Regulatory deferral	1,104	(49,219)
Tax amortizations	(112,929)	(111,040)
TOTAL	$ 3,215	$ (47,109)
Other:		
Regulatory deferral	$ (51,068)	$ (51,068)
TOTAL	$ (51,068)	$ (51,068)

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CAPITAL STOCK (Accounts 201 and 204)

1. Report below the particulars (details) called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show separate totals for common and preferred stock. If information to meet the stock exchange reporting requirement outline in column (a) is available from the SEC 10-K Report Form filing, a specific reference to report form (i.e. year and company title) may be reported in column (a) provided the fiscal years for both the 10-K report and this report are compatible.
2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.

Line No.	Class and Series of Stock and Name of Stock Exchange (a)	Number of Shares Authorized by Charter (b)	Par or Stated Value Per Share (c)	Call Price at End of Year (d)
1	Account 201 - Common Stock	60,000	0.01	
2				
3	Total Common Stock	60,000		
4				
5				
6	Account 204 - Preferred Stock			
7				
8	Total Preferred Stock			
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Name of Respondent	This Report Is:	Date of Report	Year of Report
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CAPITAL STOCK (Accounts 201 and 204) (Continued)

3. Give particulars (details) concerning shares of any class and series of stock authorized to be issued by a regulatory commission which have not yet been issued.
4. The identification of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or noncumulative.
5. State in a footnote if any capital stock which has been nominally issued is nominally outstanding at end of year.
6. Give particulars (details) in column (a) of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purposes of pledge.

OUTSTANDING PER BALANCE SHEET		HELD BY RESPONDENT				
(Total amount outstanding without reduction for amounts held by respondents.)		AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS		
Shares (e)	Amount (f)	Shares (g)	Cost (h)	Shares (i)	Amount (j)	Line No.
2,000	20					1
						2
2,000	20					3
						4
						5
						6
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

OTHER PAID - IN CAPITAL (Accounts 208-211, inc.)

Report below the balance at the end of the year and the information specified below for the respective other paid-in capital accounts. Provide a subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet, page 112. Add more columns for any account if deemed necessary. Explain changes made in any account during the year and give the accounting entries effecting such change.

(a) *Donations Received from Stockholders* (Account 208)-State amount and give brief explanation of the origin and purpose of each donation.

(b) *Reduction in Par or Stated Value of Capital Stock* (account 209)-State amount and give brief explanation of the capital changes which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.

(c) *Gain on Resale or Cancellation of Reacquired Capital Stock* (Account 210)-Report balance at beginning of year, credits, debits, and balance at end of year with a designation of the nature of each credit and debit identified by the class and series of stock to which related.

(d) *Miscellaneous Paid-In Capital* (Account 211)-Classify amounts included in this account according to captions which, together with brief explanations, disclose the general nature of the transactions which gave rise to the reported amounts.

Line No.	Item (a)	Amount (b)
1	Account 208 - Donations from Stockholders	
2		
3	Beg of Year Credits Debits	
4	$119,500,000 $-- $--	119,500,000
5		
6	Subtotal	119,500,000
7		
8	Credits relate to capital contrib from WEC Energy Group (parent co.)	
9		
10		
11	Account 211 - Miscellaneous Paid-in-Capital	
12		
13	Beg of Year Credits Debits	
14	$49,925,776 $-- $--	49,925,776
15		
16	Subtotal	49,925,776
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35	TOTAL	169,425,776

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Name of Respondent	This Report Is:	Date of Report	Year of Report
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LONG-TERM DEBT (Accounts 221, 222, 223 and 224)

1. Report by balance sheet account the particulars (details) concerning long-term debt included in Accounts 221, Bonds, 222, Reacquired Bonds, 223, Advances from Associated Companies, and 224, Other Long-Term Debt.
2. In column (a), for new issues, give Commission authorization numbers and dates.
3. For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds.
4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received.
5. For receivers' certificates, show in column (a) the name of the court and date of court order under which such certificates were issued.
6. In column (b) show the principal amount of bonds or other long-term debt originally issued.
7. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.
8. For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parentheses) or discount. Indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount should not be netted.
9. Furnish in a footnote particulars (details) regarding the treatment of unamortized debt expense, premium or discount associated with issues redeemed during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.

Line No.	Class and Series of Obligation, Coupon Rate *(For new issue, give Commission Authorization numbers and dates)* (a)	Principal Amount of Debt Issued (b)	Total Expense, Premium or Discount (c)
1	3.26% Senior Notes Due 2029	160,000,000	1,271,366
2			
3			
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25	TOTAL	160,000,000	1,271,366

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LONG-TERM DEBT (Accounts 221, 222, 223 and 224) (Continued)

10. Identify separate undisposed amounts applicable to issues which were redeemed in prior years.
11. Explain any debits and credits other than amortization debited to Account 428, Amortization of Debt-Discount and Expense, or credited to Account 429, *Amortization of Premium on Debt-Credit.*
12. In a footnote, give explanatory particulars (details) for Accounts 223 and 224 of net changes during the year. With respect to long-term advances, show for each company: (a) principal advanced during year, (b) interest added to principal amount, and (c) principal repaid during year. Give Commission authorization numbers and dates.
13. If the respondent has pledged any of its long-term debt securities give particulars (details) in a footnote including name of pledgee and purpose of the pledge.
14. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.
15. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (i). Explain in a footnote any difference between the total of column (i) and the total of Account 427, *Interest on Long-Term Debt, and Account 430, Interest on Debt to Associated Companies.*
16. Give particulars (details) concerning any long-term debt authorized by a regulatory commission but not yet issued.

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD Date From (f)	AMORTIZATION PERIOD Date To (g)	Outstanding *(Total amount outstanding without reduction for amounts held by respondent)* (h)	Interest for Year Amount (i)	Line No.
8/28/2019	8/28/2029	8/28/2019	8/28/2029	160,000,000	5,216,000	1
						2
						3
						4
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				160,000,000	5,216,000	25

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PAYABLES TO ASSOCIATED COMPANIES* (Accounts 233, 234)

1. Report particulars of notes and accounts payable to associated companies at end of year.
2. Provide separate totals for Accounts 233, Notes Payable to Associated Companies, and 234, Accounts Payable to Associated Companies, in addition to total for the combined accounts.
3. List each note separately and state the purpose for which issued. Show also in column (a) date of note, maturity and interest rate.
4. Include in column (f) the amount of any interest expense during the year on notes or accounts that were paid before the end of the year.
5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.

See definition on page 226B

Line No.	Particulars	Balance Beginning of Year	Totals for Year		Balance End of Year	Interest for Year
			Debits	Credits		
	(a)	(b)	(c)	(d)	(e)	(f)
1	**Account 233:**					
2	Notes Payable to WEC Energy Group, Inc.	(27,100,000)	11,900,000	0	**(15,200,000)**	1,119,843
3	Total	**(27,100,000)**	**11,900,000**	**0**	**(15,200,000)**	**1,119,843**
4						
5	**Account 234:**					
6	Accounts Payable:					
7	WEC Business Services LLC	(803,430)	7,770,499	7,846,849	**(879,780)**	
8	WEC Energy Group, Inc.	(108,943)	6,198,055	6,166,360	**(77,248)**	
9	Wisconsin Electric Power Company	(6,412,806)	137,673,589	135,187,629	**(3,926,846)**	
10	Wisconsin Public Service Corporation	(1,165,939)	7,858,671	7,918,535	**(1,225,803)**	
11	Wisconsin Gas Company	(404)	4,696	4,491	**(199)**	
12	Other Associate Companies	0	0	0	**0**	
13	Total	**(8,491,522)**	**159,505,510**	**157,123,864**	**(6,109,876)**	**0**
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38	**TOTAL**	**(35,591,522)**	**171,405,510**	**157,123,864**	**(21,309,876)**	**1,119,843**

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RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

1. Report the reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. Include in the reconciliation, as far as practicable, the same detail as furnished on Schedule M-1 of the tax return for the year. Submit a reconciliation even though there is no taxable income for the year. Indicate clearly the nature of each reconciling amount.
2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such a consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

Line No.		TOTAL AMOUNT
1	Utility net operating income (page 114 line 20)	
2	Allocations: Allowance for funds used during construction	
3	Interest expense	
4	Other (specify)	
5	Net income for the year (page 117 line 68)	16,597,347
6	Allocation of Net income for the year	
7	Add: Federal income tax expenses	
8		
9	Total pre-tax income	16,597,347
10		
11	Add: Taxable income not reported on books:	61,023
12		
13	Add: Deductions recorded on books not deducted from return	6,309,551
14		
15	Subtract: Income recorded on books not included in return:	(8,518)
16		
17	Subtract: Deductions on return not charged against book income:	
18	Schedule M (Addition of Taxable Income)	(4,940,115)
19		
20	Federal taxable income for the year	18,019,288
21	Show computation of tax:	3,784,050
22		
23	Prior year current adjustments	103,883
24	R&E Tax Credit	(485)
25	Federal tax per books	3,887,448
26		

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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)		
			Reconciliation of reported net income with taxable income for federal income taxes		
261A	11	b	Reconciling items for the year:		
			Taxable income not reported on books:		
			CIAC - Customer advances	$	61,023
			Total	$	61,023
261A	13	b	Deductions recorded on books not deducted for return:		
			Provisions for deferred taxes (federal & state)	$	747,856
			Federal and state income taxees (current)		4,871,479
			State franchise/income taxes accrued		(957,251)
			De Pere Energy regulatory asset		24,392
			162(m)		211,647
			Reg asset (liability)		261,306
			Allowance for uncollectibles		550,130
			Capitalized interest		9,083
			Lobbying expense		14,753
			Meals and entertainment		4,565
			Penalties		3,392
			Other regulatory liability - tax reform		293,656
			Other		235,592
			Taxes accrued - property/other		38,951
			Total	$	6,309,551
261A	15	b	Income recorded on books not included in return:		
			AFUDC - Debt	$	(2,564)
			AFUDC - Equity		(5,954)
			Total	$	(8,518)
261A	18	b	Deductions on return not charged against book income:		
			Tax depreciation in excess of book depreciation	$	(11,995,061)
			Environmental site clean-up		(1,891)
			Gas plant cleanup		51,908
			Electric true up - current year		6,633,142
			MI - Energy optimization		(66,275)
			Prepaid insurance		(18,378)
			Crane Creek depreciation deferral		(7,560)
			Deferred revenue regulatory asset		464,000
			Total	$	(4,940,115)

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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
261A	21	b	Federal tax net income $ 18,019,288 Tax @ 21% $ 3,784,050 Taxes applicable to current year $ 3,784,050 R&E tax credit (485) Adjustments to prior years 103,883 Net tax accrual $ 3,887,448 Upper Michigan Energy Resources Corporation is a member of a consolidated group of companies/members filing a consolidated federal income tax return for the period ended December 31, 2023, with its ultimate parent: WEC Energy Group, Inc. In accordance with our tax allocation agreement with WEC Energy Group, we are allocated income tax payments and refunds based upon the benefit for loss method, where attributed are realized when WEC Energy Group is able to realize them.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Account 236)

1. Give particulars (details) of the combined prepaid and accrued tax accounts and show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxes material was charged. If the actual or estimated amounts of such taxes are known, show the amounts in a footnote and designate whether estimated or actual amounts.
2. Include on this page, taxes paid during the year and charged direct to final accounts, (not charged to prepaid or accrued taxes). Enter the amounts in both columns (d) and (e). The balancing of this page is not affected by the inclusion of these taxes.
3. Include in column (d) taxes charged during the year, taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.
4. List the aggregate of each kind of tax in such manner that the total tax for each State and subdivision can readily be ascertained.

Line No.	Kind of Tax Subaccount (See Instruction 5) (a)	BALANCE AT BEGINNING OF YEAR	
		Taxes Accrued (Account 236) (b)	Prepaid Taxes (Incl. In Account 165) (c)
1	Taxes accrued - property personal utility MI	5,896,666	
2	Taxes accrued - other assessment MPSC	219,329	
3	Taxes accrued - income - federal		
4	Taxes accrued - income - franchise		
5	Federal excise tax		
6	Unauthorized insurance tax	11,076	
7	Use tax		
8	Payroll taxes billed		
9	Taxes accrued - income - Michigan		
10			
11			
12			
13			
14			
15			

DISTRIBUTION OF TAXES CHARGED (omit cents)				
Line No.	Electric a/c 408.1, 409.1 (i)	Gas a/c 408.1, 409.1 (j)	Other Utility Departments a/c 408.1, 409.1 (k)	Other Income & Deductions a/c 408.2, 409.2 (l)
1	5,560,810	199,626		
2	513,442	27,023		
3	3,837,559	(46,455)		
4				
5				
6	11,394	600		
7	157,491	369		
8	295,737	15,751		
9	972,249	(17,502)		
10				
11				
12				
13				
14				
15				

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Continued)

5. If any tax (exclude Federal and State income taxes) covers more than one year, show the required information separately for each tax year, identifying the year in column (a). Itemize by subaccount.
6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment. Designate debit adjustments by parentheses.
7. Do not include in this schedule entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.
8. The accounts to which taxes charged were distributed should be shown in columns (i) to (o). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
9. For any tax which it was necessary to apportion to more than one utility department or account, state in a more than one utility department or account, state in a footnote the basis of apportioning such tax.
10. Fill in all columns for all line items.

Taxes Charged During Year (d)	Taxes Paid During Year (e)	Adjustments (f)	BALANCE AT END OF YEAR		Line No.
			Taxes Accrued (Account 236) (g)	Prepaid Taxes (Incl. In Account 165) (h)	
5,760,436	5,584,102		6,073,000		1
540,466	501,515		258,280		2
3,887,448	3,048,381	(825,501)	13,566		3
					4
					5
11,994	11,364		11,705		6
7,860	7,860				7
311,488	311,488				8
984,031	713,110	(263,670)	7,251		9
					10
					11
					12
					13
					14
					15

DISTRIBUTION OF TAXES CHARGED				
Extraordinary Items a/c 409.3 (m)	Other Utility Opn. Income a/c 408.1, 409.1 (n)	Adjustment to Ret. Earnings a/c 439 (o)	Other (p)	Line No.
				1
				2
			96,344	3
				4
				5
				6
			(150,000)	7
				8
			29,284	9
				10
				11
				12
				13
				14
				15

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)

1. Give description and amount of other current and accrued liabilities as of the end of year.
2. Minor items may be grouped by classes, showing number of items in each class.

Line No.	Item (a)	Balance End of Year (b)
1	Fuel true-up liability	543,790
2	Customer prepayments	2,399,911
3	Other	83,430
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	**TOTAL**	**3,027,131**

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)

Line No.	List Advances by department (a)	Balance End of Year (b)
23	Electric	320,036
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39	**TOTAL**	**320,036**

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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

ACCUMULATED DEFERRED INCOME TAXES - OTHER PROPERTY
(Account 282)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to property not subject to accelerated amortization.
2. For Other (Specify), include deferrals relating to other income and deductions.

Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR Amounts Debited to Acct. 410.1 (c)	CHANGES DURING YEAR Amounts Credited to Acct. 411.1 (d)
1	Account 282			
2	Electric	41,458,830	5,006,924	2,045,413
3	Gas	1,141,246	276,279	171,911
4	Other (Define)			
5	TOTAL *(Enter total of lines 2 thru 4)*	42,600,076	5,283,203	2,217,324
6	Other (Specify)			
7				
8				
9	TOTAL Account 282 *(Enter total of lines 5 thru 8)*	42,600,076	5,283,203	2,217,324
10	Classification of TOTAL			
11	Federal Income Tax	34,162,019	3,951,519	1,786,472
12	State Income Tax	8,438,057	1,331,684	430,852
13	Local Income Tax			

NOTES

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

ACCUMULATED DEFERRED INCOME TAXES - OTHER PROPERTY
(Account 282) (Continued)

3. Use footnotes as required.
4. Fill in all columns for all line items as appropriate.

CHANGES DURING YEAR		ADJUSTMENTS					
		DEBITS		CREDITS			
Amounts Debited to Acct. 410.2	Amounts Credited to Acct. 411.2	Account Credited	Amount	Account Debited	Amount	Balance at End of Year	Line No.
(e)	(f)	(g)	(h)	(i)	(j)	(k)	
							1
			17,697		105,422	44,508,066	2
			127		0	1,245,487	3
							4
			17,824		105,422	45,753,553	5
							6
							7
							8
			17,824		105,422	45,753,553	9
							10
			98		105,422	36,432,390	11
			17,726		0	9,321,163	12
							13

NOTES (Continued)

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amounts recorded in Account 283.
2. For Other (Specify), include deferrals relating to other income and deductions.

Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR Amounts Debited to Acct. 410.1 (c)	CHANGES DURING YEAR Amounts Credited to Acct. 411.1 (d)
1	Account 283			
2	Electric			
3				
4	Other Than Plant	6,378,092	282,197	2,274,052
5				
6	Other			
7	TOTAL Electric *(total of lines 2 thru 6)*	6,378,092	282,197	2,274,052
8	Gas			
9		13,213	11,042	24,404
10				
11				
12				
13	Other			
14	TOTAL Gas *(Total of lines 9 thru 13)*	13,213	11,042	24,404
15	Other: Nonutility	1,479,499		
16	TOTAL (Account 283) *(Enter total of lines 7, 14 and 15)*	7,870,804	293,239	2,298,456
17	Classification of TOTAL			
18	Federal Income Tax	6,072,663	244,627	1,817,329
19	State Income Tax	1,696,702	48,612	481,127
20	Local Income Tax			

NOTES

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283) (Continued)

3. Provide in the space below explanations for pages 276A and 276B. Include amounts relating to insignificant items listed under Other.
4. Fill in all columns for all items as appropriate.
5. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS					
		DEBITS		CREDITS			
Amounts Debited to Acct. 410.2 (e)	Amounts Credited to Acct. 411.2 (f)	Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)	Balance at End of Year (k)	Line No.
							1
							2
							3
			7,525		66,870	4,445,582	4
							5
							6
			7,525		66,870	4,445,582	7
							8
			44		0	(193)	9
							10
							11
							12
							13
			44		0	(193)	14
4,979	106,700				1	1,377,779	15
4,979	106,700		7,569		66,871	5,823,168	16
							17
4,979	82,989		34		66,869	4,558,819	18
	23,711		7,535		2	1,264,349	19
							20

NOTES (Continued)

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

OTHER REGULATORY LIABILITIES

1. Reporting below the particulars (details) called for concerning other regulatory liabilities which are created through the ratemaking actions of regulatory agencies (and not includable in other amounts).
2. For regulatory liabilities being amortized, show period of amortization in column (a).
3. Minor items (amounts less than $50,000) may be grouped by classes.
4. Give the number and name of the account(s) where each amount is recorded.

Line No.	Description and Purpose of Other Regulatory Liabilities	Balance at Beginning of Current Quarter/Year	DEBITS		Credits	Balance at End of Year
			Account Credited	Amount		
	(a)	(b)	(c)	(d)	(e)	(f)
1	Crane Creek depreciation deferral	125,953	407	7,560		118,393
2	Derivatives	822,875		5,910,176	6,063,459	976,158
3	Income tax related	14,889,780	190, 282	414,818	50,618	14,525,580
4	MI MISO SSR deferral	266,052				266,052
5	Renewable energy program	463,214	908	192,517	18,183	288,880
6	Tax savings/remeasure	868,030	456, 495	2,078,356	2,372,012	1,161,686
7	MI energy optimization	343,827	908	2,336,396	2,447,509	454,940
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40	TOTAL	17,779,731		10,939,823	10,951,781	17,791,689

NOTE: All amounts are recorded in Account 254.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

PARTICULARS CONCERNING CERTAIN OTHER INCOME ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective other income accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added for any account if deemed necessary.
2. Merchandising, Jobbing and Contract Work (Accounts 415 and 416) - Describe the general nature of merchandising, jobbing and contract activities. Show revenues by class of activity, operating expenses classified as to operation, maintenance, depreciation, rents and net income before taxes. Give the bases of any allocations of expenses between utility and merchandising, jobbing and contract work activities.
3. Nonutility Operations (Accounts 417 and 417.1) - Describe each nonutility operation and show revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income before taxes, from the operation. Give the bases of any allocations of expenses between utility and nonutility operations. The book cost of property classified as nonutility operations should be included in Account 121.
4. Nonoperating Rental Income (Account 418) - For each major item of miscellaneous property included in Account 121, Nonutility Property, which is not used in operations for which income is included in Account 417, but which is leased or rented to others, give name of lessee, brief description of property, effective date and expiration date of lease, amount of rent revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income, before taxes, from the rentals. If the property is leased on a basis other than that of a fixed annual rental, state the method of determining the rental. Minor items may be grouped by classes, but the number of items so grouped should be shown. Designate any lessees which are associated companies.
5. Equity in earnings of subsidiary companies (Account 418.1) - Report the utility's equity in the earnings or losses of each subsidiary company for the year.
6. Interest and Dividend Income (Account 419) - Report interest and dividend income, before taxes, identified as to the asset account or group of accounts in which are included the assets from which the interest or dividend income was derived. Income derived from investments, Accounts 123, 124 and 136 may be shown in total. Income from sinking and other funds should be identified with the related special funds. Show also expenses included in Account 419 as required by the Uniform System of Accounts.
7. Miscellaneous Nonoperating Income (Account 421) - Give the nature and source of each miscellaneous nonoperating income, and expense and the amount for the year. Minor items may be grouped by classes.

Line No.	Item (a)	Amount (b)
1	**Revenues from Nonutility Operations**	
2	None	
3	**Subtotal 417**	**0**
4		
5	**Non-Operating Rental Income**	
6	Other	(100)
7	**Subtotal 418**	**(100)**
8		
9	**Equity in Earnings of Subsidiary Companies**	
10	None	
11	**Subtotal 418.1**	**0**
12		
13	**Interest and Dividend Income**	
14	None	
15	**Subtotal 419**	**0**
16		
17	**Miscellaneous Non-Operating Income**	
18	Carry costs on tax reform and MI acts	38,896
19	W3 ReAct deferral	(4,070)
20	**Subtotal 421**	**34,826**
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

Name of Respondent	This Report Is:	Date of Report	Year of Report
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ELECTRIC OPERATING REVENUES (Account 400)

1. Report below operating revenues for each prescribed account.
2. Report number of customers, columns (f) and (g), on the basis of meters, in addition to the number of flat rate accounts; except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters added. The average number of customers means the average of twelve figures at the close of each month.
3. If increases or decreases from previous year (columns (c), (e), and (g)), are not derived from previously reported figures explain any inconsistencies in a footnote.

Line No.	Title of Account	OPERATING REVENUES	
		Amount for Year	Amount for Previous Year
	(a)	(b)	(c)
1	Sales of Electricity		
2	(440) Residential Sales	31,856,337	42,413,486
3	(442) Commercial and Industrial Sales		
4	Small (or Commercial)	17,503,823	20,714,344
5	Large (or Industrial)	88,406,247	118,919,129
6	(444) Public Street and Highway Lighting	697,160	726,234
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales	5,622	6,000
10	(449) Other Sales		
11			
12	TOTAL Sales to Ultimate Consumers	**138,469,189**	**182,779,193**
13			
14	(447) Sales for Resale	3,900,194	5,044,269
15	TOTAL Sales of Electricity	**142,369,383 ***	**187,823,462**
16			
17	(Less) (449.1) Provision for Rate Refunds		
18	TOTAL Revenue Net of Provision for Refunds	**142,369,383**	**187,823,462**
19	Other Operating Revenues		
20	(450) Forfeited Discounts	608,729	564,551
21	(451) Miscellaneous Service Revenues	46,545	53,297
22	(453) Sales of Water and Water Power		
23	(454) Rent from Electric Property	133,599	216,857
24	(455) Interdepartmental Rents		
25	(456) Other Electric Revenues	2,751,403	3,722,420
26			
27			
28			
29			
30	TOTAL Other Operating Revenues	**3,540,276**	**4,557,125**
31			
32	TOTAL Electric Operating Revenues	**145,909,659**	**192,380,587**

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

ELECTRIC OPERATING REVENUES (Account 400) (Continued)

4. Commercial and Industrial Sales, Account 442, may be classified according to the basis of classification (Small or Commercial, and Large or Industrial) regularly used by the respondent if such basis of classification is not generally greater than 1000 Kw of demand. (See Account 442 of the Uniform System of Accounts. Explain basis of classification in footnote.)
5. See Page 108, Important Changes During Year, for important new territory added and important rate increases or decreases.
6. For line 2, 4, 5, and 6, see page 304 for amounts relating to unbilled revenue by account.
7. Include unmetered sales. Provide details of such sales in a footnote.

MEGAWATT HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH		Line No.
Amount for Year (d)	Amount for Previous Year (e)	Number for Year (f)	Number for Previous Year (g)	
				1
223,690	238,994	33,235	33,078	2
				3
135,947	126,491	3,971	3,947	4
1,464,376	1,337,704	37	37	5
2,190	2,490	1	1	6
				7
				8
58	61	1	1	9
				10
				11
1,826,261 **	**1,705,740**	**37,245**	**37,064**	12
				13
499	11,643			14
1,826,760	**1,717,383**	**37,245**	**37,064**	15
				16
				17
1,826,760	**1,717,383**	**37,245**	**37,064**	18

* Includes $(9,440,753) unbilled revenues.

** Includes (4,994) MWh relating to unbilled revenues.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

CUSTOMER CHOICE ELECTRIC OPERATING REVENUES

1. Report below operating revenues for each prescribed account.
2. Report number of customers, columns (f) and (g), on the basis of meters, in addition to the number of flat rate accounts; except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters added. The average number of customers means the average of twelve figures at the close of each month.
3. If increases or decreases from previous year (columns (c), (e), and (g)), are not derived from previously reported figures explain any inconsistencies in a footnote.

Line No.	Title of Account (a)	OPERATING REVENUES Amount for Year (b)	 Amount for Previous Year (c)
1	Customer Choice Sales of Electricity		
2	Residential Sales		
3	Commercial and Industrial Sales		
4	Small (or Commercial)	1,431,960	1,567,235
5	Large (or Industrial)	1,036,336	1,040,312
6			
7			
8			
9			
10			
11			
12	TOTAL Customer Choice Sales	**2,468,296**	**2,607,547**
13			
14			
15	TOTAL Sales of Electricity	**2,468,296**	**2,607,547**
16			
17			
18	TOTAL Revenue Net of Provision for Refunds	**2,468,296**	**2,607,547**
19	Other Operating Revenues		
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30	TOTAL Other Operating Revenues	**0**	**0**
31			
32	TOTAL Electric Operating Revenues	**2,468,296**	**2,607,547**

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

CUSTOMER CHOICE ELECTRIC OPERATING REVENUES (Account 400) (Continued)

4. Commercial and Industrial Sales, Account 442, may be classified according to the basis of classification (Small or Commercial, and Large or Industrial) regularly used by the respondent if such basis of classification is not generally greater than 1000 Kw of demand. (See Account 442 of the Uniform System of Accounts. Explain basis of classification in footnote.)
5. See Page 108, Important Changes During Year, for important new territory added and important rate increases or decreases.
6. For line 2, 4, 5, and 6, see page 304 for amounts relating to unbilled revenue by account
7. Include unmetered sales. Provide details of such sales in a footnote

MEGAWATT HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH		Line No.
Amount for Year (d)	Amount for Previous Year (e)	Number for Year (f)	Number for Previous Year (g)	
				1
				2
				3
44,166	48,629	59	65	4
222,822	225,493	18	16	5
				6
				7
				8
				9
				10
				11
266,988	**274,122**	**77**	**81**	12
				13
				14
266,988	**274,122**	**77**	**81**	15
				16
				17
266,988	**274,122**	**77**	**81**	18

Name of Respondent	This Report Is:	Date of Report	Year of Report
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Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	04/29/24	December 31, 2023

SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customers, average KWh per customer, and average revenue per KWh, excluding data for Sales for Resale, which is reported on pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," page 301. If the sales under any rate schedule are classified in more than one revenue account, list the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate Schedule (a)	MWh Sold (b)	Revenue (c)	Avg. No. of Customers (d)	KWh of Sales per Customer (e)	Revenue per KWh Sold (f)
1	**Residential**					
2	Rg1 - Residential - WE	157,203	25,012,496	24,746	6,353	0.1591
3	Rg1 - Unbilled	(698)	(2,307,069)			3.3053
4	Rg2 - Residential Time of Use - WE	4,091	549,572	325	12,588	0.1343
5	Rg2 - Unbilled	(26)	(62,602)			2.4078
6	Gl1 - Residential Area Lighting - WE	234	76,377			0.3264
7	Gl1 - Unbilled	0	(2,709)			
8	LED - WE	3	2,400			0.8000
9	LED - Unbilled	0	(33)			
10	Rg1 - Residential - WPS	61,261	9,542,251	8,015	7,643	0.1558
11	Rg1 - Unbilled	(308)	(1,197,883)			3.8892
12	Rg1T-MI - Residential - WPS	1,832	247,539	149	12,295	0.1351
13	Rg1T-MI - Unbilled	(18)	(37,197)			2.0665
14	LS-1M - Residential - WPS	116	34,701			0.2991
15	LS-1M - Unbilled	0	(1,897)			
16	NAT-R-MI - Residential - WPS	0	391			
17	NAT-R-MI - Unbilled	0	0			
18	**Total Residential**	223,690	31,856,337	33,235	6,731	0.1424
19						
20	**Commercial & Industrial - Small**					
21	Cg1 - General Secondary - WE	75,711	11,780,971	2,898	26,125	0.1556
22	Cg1 - Unbilled	100	(876,874)			(8.7687)
23	Cg2 - General Secondary Large Time of Use - WE	1,127	169,542	36	31,306	0.1504
24	Cg2 - Unbilled	23	(10,982)			(0.4775)
25	Cg3 - General Secondary Large Time of Use - WE	28,298	3,221,542	43	658,093	0.1138
26	Cg3 - Unbilled	(1)	(339,168)			339.1680
27	Cg5 - General Secondary Small Time of Use - WE	5,494	760,456	94	58,447	0.1384
28	Cg5 - Unbilled	0	(67,856)			
29	Gl1 - General Secondary Area Lighting - WE	523	129,989			0.2485
30	Gl1 - Unbilled	0	(5,276)			
31	TssU - Transmission Substation Unmetered - WE	448	41,414	13	34,462	0.0924
32	Tssu - Unbilled	0	(4,503)			
33	LED1 - WE	2	1,464			0.7320
34	LED1 - Unbilled	0	(22)			
35	Cg1 - General Secondary - WPS	13,276	1,744,625	789	16,826	0.1314
36	Cg1 - Unbilled	8	(230,579)			(28.8224)
37	Cg1-1T-MI - WPS	807	91,322	60	13,450	0.1132
38	Cg1-1T-MI - Unbilled	(1)	(13,881)			13.8810
39	Cg3 - General Secondary Large Time of Use - WPS	9,039	1,119,067	34	265,853	0.1238
40	Cg3 - Unbilled	12	(153,501)			(12.7918)
41	Total Billed	1,821,267	147,909,942	37,244	48,901	0.0812
42	Total Unbilled Rev. (See Instr. 6)					
43	TOTAL	**1,821,267**	**147,909,942**	**37,244**	**48,901**	**0.0812**

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	04/29/24	December 31, 2023

SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customers, average KWh per customer, and average revenue per KWh, excluding data for Sales for Resale, which is reported on pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," page 301. If the sales under any rate schedule are classified in more than one revenue account, list the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate Schedule	MWh Sold	Revenue	Avg. No. of Customers	KWh of Sales per Customer	Revenue per KWh Sold
	(a)	(b)	(c)	(d)	(e)	(f)
1	LS-1M - Secondary - WPS	411	83,682			0.2036
2	LS-1M - Unbilled	0	(6,289)			
3	MP-1-MI - WPS	669	79,266	4	167,250	0.1185
4	MP-1-MI - Unbilled	1	(10,586)			(10.5860)
5	**Total Commercial & Industrial - Small**	135,947	17,503,823	3,971	34,235	0.1288
6						
7	**Commercial & Industrial - Large**					
8	Cp1 - General Primary - WE	4,136	412,712	1	4,136,000	0.0998
9	Cp1 - Unbilled	(106)	(76,911)			0.7256
10	Cp1 - Special Contract - WE	4,212	345,515	1	4,212,000	0.0820
11	Cp1 - Unbilled	0	(52,456)			
12	Cp3 - General Primary Curtailable - WE	48,889	4,424,974	2	24,444,500	0.0905
13	Cp3 - Unbilled	0	(608,905)			
14	Gl1 - General Primary Lighting - WE	60	15,234			0.2539
15	Gl1 - Unbilled	0	(745)			
16	SC TMSC	1,288,731	77,907,462	1	1,288,731,000	0.0605
17	SC TMSC Unbilled	6,032	(1,258,809)			(0.2087)
18	LED1 - WE	5	1,598			0.3196
19	LED1 - Unbilled	0	(59)			
20	CPB-MI-TRA - WPS	2,248	175,372			0.0780
21	CPB-MI-TRA Unbilled	0	(41,263)			
22	CPI-MI-TRN - WPS	95,294	7,506,488	2	47,647,000	0.0788
23	CPI-MI-TRN Unbilled	0	(1,748,847)			
24	CP-PRI-MI - WPS	633	82,277	1	633,000	0.1300
25	CP-PRI-MI Unbilled	0	(12,030)			
26	CP-SEC-MI - WPS	14,272	1,627,491	29	492,138	0.1140
27	CP-SEC-MI Unbilled	(30)	(292,851)			9.7617
28	**Total Commercial & Industrial - Large**	1,464,376	88,406,247	37	39,577,730	0.0604
29						
30	**Public Street & Highway**					
31	Cg5 - Optional Time of Use Street Lighting - WE	108	14,165	1	108,000	0.1312
32	Cg5 - Unbilled	6	(1,323)			(0.2205)
33	Ms2 - Standard Sodium & Metal Halide Lighting - WE	963	277,116			0.2878
34	Ms2 Unbilled	0	(12,525)			
35	Ms3 - Non-Standard Street and Area Lighting - WE	55	18,636			0.3388
36	Ms3 - Unbilled	0	(723)			
37	LED-MI - Standard-Gov't	298	241,995			0.8121
38	LED-MI - Standard-Gov't - Unbilled	0	(3,869)			
39	LED-MI - Non-Standard - Gov't	41	19,799			0.4829
40	LED-MI - Non-Standard - Gov't - Unbilled	0	(530)			
41	Total Billed	1,821,267	147,909,942	37,244	48,901	0.0812
42	Total Unbilled Rev. (See Instr. 6)	4,994	(9,440,753)			
43	TOTAL	**1,826,261**	**138,469,189**	**37,244**	**49,035**	**0.0758**

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	04/29/24	December 31, 2023

SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customers, average KWh per customer, and average revenue per KWh, excluding data for Sales for Resale, which is reported on pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," page 301. If the sales under any rate schedule are classified in more than one revenue account, list the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate Schedule (a)	MWh Sold (b)	Revenue (c)	Avg. No. of Customers (d)	KWh of Sales per Customer (e)	Revenue per KWh Sold (f)
1	LS-1M (COS) - WPS	602	128,975			0.2142
2	LS-1M (COS) - Unbilled	(1)	0			
3	LS-1M (CUS) - WPS	118	15,444			0.1309
4	LS-1M (CUS) - Unbilled	0	0			
5	**Total Public Street & Highway**	2,190	697,160	1	2,190,000	0.3183
6						
7	**Interdepartmental Sales**					
8	Interdepartmental Sales	57	5,622			0.0986
9	Interdepartmental Sales - Unbilled	1	0			
10	**Total Interdepartmental Sales**	58	5,622			
11						
12						
13						
14	Unbilled Revenue (by revenue					
15	account subheading) included					
16	in totals above:					
17						
18	Residential		$ (3,609,390)			
19	Small C&I		(1,719,517)			
20	Large C&I		(4,092,876)			
21	Public Street & Highway		(18,970)			
22	Total		$ (9,440,753)			
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	Total Billed	1,821,267	147,909,942	37,244	48,901	0.0812
42	Total Unbilled Rev. (See Instr. 6)	4,994	(9,440,753)			
43	TOTAL	**1,826,261**	**138,469,189**	**37,244**	**49,035**	**0.0758**

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
304.1	36	a	All rate schedules in Michigan had a net fuel adjustment clause in 2023 of $(3,829,549) as a decrease to revenue. Total Residential $ (1,780,384) Total Small Commercial (839,784) Total Large Commercial (1,197,029) Total Street/Hwy Lighting (12,352) Total $ (3,829,549) The reduction in revenue pursuant to the Tax Cuts and Jobs Act in 2023 is $(1,826,977). Total Residential $ (1,024,228) Total Small Commercial (557,810) Total Large Commercial (228,403) Total Street/Hwy Lighting (16,536) Total $ (1,826,977)

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	04/29/24	December 31, 2023

CUSTOMER CHOICE SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customers, average KWh per customer, and average revenue per KWh, excluding data for Sales for Resale, which is reported on pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," page 301. If the sales under any rate schedule are classified in more than one revenue account, list the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate Schedule	MWh Sold	Revenue	Avg. No. of Customers	KWh of Sales per Customer	Revenue per KWh Sold
	(a)	(b)	(c)	(d)	(e)	(f)
1	**Commercial & Industrial - Small**					
2	Cg1 - General Secondary - WE	6,315	334,870	20	315,750	0.0530
3	Cg1 - Unbilled	(64)	(3,414)			0.0533
4	Cg3 - General Secondary Large Time of Use - WE	38,877	1,113,348	39	996,846	0.0286
5	Cg3 - Unbilled	(962)	(12,844)			0.0134
6	AES-CG-1MI - WPS	0	0			
7	AES-CG-1MI - Unbilled	0	0			
8	**Total Commercial & Industrial - Small**	44,166	1,431,960	59	748,576	0.0324
9						
10	**Commercial & Industrial - Large**					
11	Cp1 - General Primay - WE	13,247	293,954	2	6,623,500	0.0222
12	Cp1 - Unbilled	348	8,233			0.0237
13	Cp1 - Schedule A - WE	194,595	414,534	1	194,595,000	0.0021
14	Cp1 - Unbilled	(15,529)	(33,435)			0.0022
15	AES-CP1M-S - WPS	30,161	352,307	15	2,010,733	0.0117
16	AES-CP1M-S - Unbilled	0	743			
17	**Total Commercial & Industrial - Large**	222,822	1,036,336	18	12,379,000	0.0047
18						
19	Unbilled Revenue (by revenue account subheading					
20	included in totals above:					
21						
22	Small C&I		$ (16,258)			
23	Large C&I		(24,459)			
24	Total		$ (40,717)			
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	Total Billed	283,195	2,509,013	77	3,677,857	0.0089
42	Total Unbilled Rev. (See Instr. 6)	(16,207)	(40,717)			
43	TOTAL	**266,988**	**2,468,296**	**77**	**3,467,377**	**0.0092**

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Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

SALES FOR RESALE (Account 447)

1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity (i. e. transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (pp. 326-327).
2. Enter the name of the purchaser in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser.
3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:

RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e. the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers.

LF - for long-term service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of **LF** service). This category should not be used for long-term firm service which meets the definition of **RQ** service. For all transactions identified as **LF**, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.

IF - for intermediate-term firm service. The same as **LF** service except that "intermediate-term" means longer than one year but less than five years.

SF - for short-term firm service. Use this category for commitment for service is one year or less.

LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as **LU** service except that "intermediate-term" means longer than one year but less than five years.

OS - for other service. Use this category only for

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff No. (c)	Avg. Monthly Billing Dmnd. (MW) (d)	Actual Demand (MW) Avg. Monthly NCP Demand (e)	Actual Demand (MW) Avg. Monthly CP Demand (f)
1	Midcontinent Independent System					
2	Operator, Inc.	OS	2			
3	WPPI Energy	SF	90			
4						
5						
6						
7						
8						
9						
10						
11						
12	Subtotal - RQ					
13	Subtotal - Non-RQ					
14	Total					

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

SALES FOR RESALE (Account 447) (Continued)

those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the length of the contract and service from designated units of less than one year. Describe the nature of the service in a footnote.

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. Group requirements **RQ** sales together. Report them starting at line number one. After listing all **RQ** sales, enter "Subtotal - **RQ**" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-**RQ**" in column (a) after this listing. Enter "Total" in column (a) as the last line of the schedule. Report subtotals and total for columns (g) through (k).
5. In column (c), identify the FERC Rate Schedule or Tariff Number. On separate lines, list all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.
6. For requirements **RQ** sales and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the avg. monthly billing demand in column (d), the avg. monthly non-coincident peak (NCP) demand in column (e), and the avg. monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.
7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.
8. Report demand charges in column (h), energy charges in column (I), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.
9. The data in columns (g) through (k) must be subtotaled based on the **RQ** / Non-**RQ** grouping (see instruction 4), and then totaled on the last line of the schedule. The "Subtotal-**RQ**" amount in column (g) must be reported as Requirements Sales For Resale on p. 401, line 23. The "Subtotal-Non **RQ** amount in column (g) must be reported as Non-Requirements Sales for Resale on p. 401, line 24.
10. Footnote entries as required and provide explanations following all required data.

Megawatt hours Sold	REVENUE				Line No.
	Demand Charges ($)	Energy Charges ($)	Other Charges ($)	Total ($) (h + i + j)	
(g)	(h)	(i)	(j)	(f)	
				0	1
124,849	713,163	4,137,657	1,205,868	6,056,688	2
	1,962,500			1,962,500	3
				0	4
				0	5
				0	6
				0	7
				0	8
				0	9
				0	10
				0	11
				0	12
124,849	2,675,663	4,137,657	1,205,868	8,019,188	13
124,849	2,675,663	4,137,657	1,205,868	8,019,188	14

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
310	2	g & i	MISO RTO Netting of energy transactions is performed hourly. FERC requires that the RTO Netting of energy transactions be calculated separately for Day Ahead and Real Time markets.

MWH:	Purchases	Sales (Non-RQ)
FERC Form 1	1,325,515	124,849
MISO RTO Netting adjustment	(124,350)	(124,350)
TOTAL	1,201,165	499

Dollars:	Purchases	Sales (Non-RQ)
FERC Form 1	$ 32,926,798	$ 8,019,188
MISO RTO Netting adjustment	(4,118,994)	(4,118,994)
TOTAL	$ 28,807,804	$ 3,900,194

Name of Respondent	This Report Is:	Date of Report	Year of Report
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ELECTRIC OPERATION AND MAINTENANCE EXPENSES

If the amount for previous year is not deprived from previously reported figures, explain in footnotes.

Line No.	Account (a)	Amt. For Current Year (b)	Amt. For Previous Year (c)
1	**1. POWER PRODUCTION EXPENSES**		
2	**A. Steam Power Generation**		
3	Operation		
4	(500) Operation Supervision and Engineering		
5	(501) Fuel		
6	(502) Steam Expenses		
7	(503) Steam from Other Sources		
8	(Less) (504) Steam Transferred - **CR**.		
9	(505) Electric Expenses		
10	(506) Miscellaneous Steam Power Expenses		0
11	(507) Rents		
12	(509) Allowances		
13	TOTAL Operation *(Enter Total of Lines 4 thru 12)*	0	0
14	Maintenance		
15	(510) Maintenance Supervision and Engineering		
16	(511) Maintenance of Structures		
17	(512) Maintenance of Boiler Plant		
18	(513) Maintenance of Electric Plant		
19	(514) Maintenance of Miscellaneous Steam Plant		
20	TOTAL Maintenance *(Enter Total of Lines 15 thru 19)*	0	0
21	TOTAL Power Production Expenses-Steam Power (*Total of lines 13 & 20*)	0	0
22	**B. Nuclear Power Generation**		
23	Operation		
24	(517) Operation Supervision and Engineering		
25	(518) Fuel		
26	(519) Coolants and Water		
27	(520) Steam Expenses		
28	(521) Steam from Other Sources		
29	(Less) (522) Steam Transferred - **CR**		
30	(523) Electric Expenses		
31	(524) Miscellaneous Nuclear Power Expenses		
32	(525) Rents		
33	TOTAL Operation *(Enter Total of lines 24 thru 32)*	0	0
34	Maintenance		
35	(528) Maintenance Supervision and Engineering		
36	(529) Maintenance of Structures		
37	(530) Maintenance of Reactor Plant Equipment		
38	(531) Maintenance of Electric Plant		
39	(532) Maintenance of Miscellaneous Nuclear Plant		
40	TOTAL Maintenance *(Enter Total of Lines 35 thru 39)*	0	0
41	TOTAL Power Production Expenses-Nuclear Power *(Total of lines 33 & 40)*	0	0
42	**C. Hydraulic Power Generation**		
43	Operation		
44	(535) Operation Supervision and Engineering		
45	(536) Water for Power		
46	(537) Hydraulic Expenses		
47	(538) Electric Expenses		
48	(539) Miscellaneous Hydraulic Power Generation Expenses		
49	(540) Rents		
50	TOTAL Operation *(Enter Total of Lines 44 thru 49)*	0	0

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (cont'd)

If the amount for previous year is not deprived from previously reported figures, explain in footnotes.

Line No.	Account (a)	Amt. For Current Year (b)	Amt. For Previous Year (c)
51	**C. Hydraulic Power Generation (Continued)**		
52	Maintenance		
53	(541) Maintenance Supervision and Engineering		
54	(542) Maintenance of Structures		
55	(543) Maintenance of Reservoirs, Dams, and Waterways		
56	(544) Maintenance of Electric Plant		
57	(545) Maintenance of Miscellaneous Hydraulic Plant		
58	TOTAL Maintenance *(Total of Lines 53 thru 57)*	0	0
59	TOTAL Pwr. Production Expenses-Hydraulic Pwr.*(Total of lines 50 & 58)*	0	0
60	**D. Other Power Generation**		
61	Operation		
62	(546) Operation Supervision and Engineering	281,542	394,281
63	(547) Fuel	22,992,426	47,400,709
64	(548) Generation Expenses	659,804	730,392
65	(549) Miscellaneous Other Power Generation Expenses	2,042,052	1,670,153
66	(550) Rents		
67	TOTAL Operation *(Total of Lines 62 thru 66)*	25,975,824	50,195,535
68	Maintenance		
69	(551) Maintenance Supervision and Engineering	68,483	16,762
70	(552) Maintenance of Structures		
71	(553) Maintenance of Generating and Electric Plant	5,409,494	4,925,450
72	(554) Maintenance of Miscellaneous Other Power Generation Plant		
73	TOTAL Maintenance *(Total of Lines 69 thru 72)*	5,477,977	4,942,212
74	TOTAL Power Production Expenses-Other Power *(Total of Lines 67 & 73)*	31,453,801	55,137,747
75	**E. Other Power Supply Expenses**		
76	(555) Purchased Power	32,926,798	60,593,809
77	(556) System Control and Load Dispatching	17,909	17,211
78	(557) Other Expenses	902,581	860,799
79	Total Other Power Supply Expenses *(Total of Lines 76 thru 78)*	33,847,288	61,471,819
80	Total Pwr. Production Expenses *(Total of lines 21, 41, 59, 74 & 79)*	65,301,089	116,609,566
81	**2. TRANSMISSION EXPENSES**		
82	Operation		
83	(560) Operation Supervision and Engineering		
84	(561) Load Dispatching	868,600	893,146
85	(562) Station Expenses		
86	(563) Overhead Lines Expenses		
87	(564) Underground Lines Expenses		
88	(565) Transmission of Electricity by Others	19,907,311	20,395,097
89	(566) Miscellaneous Transmission Expenses		
90	(567) Rents		
91	TOTAL Operation *(Total of Lines 83 thru 90)*	20,775,911	21,288,243
92	Maintenance		
93	(568) Maintenance Supervision and Engineering		
94	(569) Maintenance of Structures		
95	(570) Maintenance of Station Equipment		
96	(571) Maintenance of Overhead Lines		
97	(572) Maintenance of Underground Lines		
98	(573) Maintenance of Miscellaneous Transmission Plant		
99	TOTAL Maintenance *(Total of Lines 93 thru 98)*	0	0
100	TOTAL Transmission Expenses (Total of Lines 91 & 99)	20,775,911	21,288,243
101	**3. REGIONAL MARKET EXPENSES**		
102	Operation		
103	(575.7) Market Facilitation, Monitoring and Compliance Services	298,833	270,690

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (cont'd)

If the amount for previous year is not deprived from previously reported figures, explain in footnotes.

Line No.	Account (a)	Amt. For Current Year (b)	Amt. For Previous Year (c)
104	TOTAL Regional Transmission and Market Op Expns (*Line 103)*	298,833	270,690
105	**4. DISTRIBUTION EXPENSES**		
106	Operation		
107	(580) Operation Supervision and Engineering	1,419	10,120
108	(581) Load Dispatching	98,989	103,164
109	(582) Station Expenses	91,660	55,953
110	(583) Overhead Line Expenses	719,086	737,380
111	(584) Underground Line Expenses	87,195	68,451
112	(585) Street Lighting and Signal System Expenses	103,088	100,410
113	(586) Meter Expenses	100,311	97,938
114	(587) Customer Installations Expenses		
115	(588) Miscellaneous Expenses	615,356	547,421
116	(589) Rents		
117	TOTAL Operation *(Total of Lines 107 thru 116)*	1,817,104	1,720,837
118	Maintenance		
119	(590) Maintenance Supervision and Engineering	865	799
120	(591) Maintenance of Structures	1,939	5,256
121	(592) Maintenance of Station Equipment	171,045	234,369
122	(593) Maintenance of Overhead Lines	2,385,123	3,193,183
123	(594) Maintenance of Underground Lines	222,697	98,287
124	(595) Maintenance of Line Transformers	1,160	3,750
125	(596) Maintenance of Street Lighting and Signal Systems	92,338	79,929
126	(597) Maintenance of Meters		
127	(598) Maintenance of Miscellaneous Distribution Plant		
128	TOTAL Maintenance *(Total of Lines 119 thru 127)*	2,875,167	3,615,573
129	TOTAL Distribution Expenses *(Total of Lines 117 & 128)*	4,692,271	5,336,410
130	**5. CUSTOMER ACCOUNTS EXPENSES**		
131	Operation		
132	(901) Supervision	10,120	13,579
133	(902) Meter Reading Expenses	88,453	114,112
134	(903) Customer Records and Collection Expenses	382,643	454,915
135	(904) Uncollectible Accounts	1,338,026	964,764
136	(905) Miscellaneous Customer Accounts Expenses	18,977	17,870
137	TOTAL Customer Accounts Expenses *(Total of Lines 132 thru 136)*	1,838,219	1,565,240
138	**6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES**		
139	Operation		
140	(907) Supervision	3,747	3,665
141	(908) Customer Assistance Expenses	2,760,706	2,996,136
142	(909) Informational and Instructional Expenses	95,661	79,859
143	(910) Miscellaneous Customer Service and Informational Expenses		
144	TOTAL Customer Service and Informational Exp. *(Total of Lines 140 thru 143)*	2,860,114	3,079,660
145	**7. SALES EXPENSE**		
146	Operation		
147	(911) Supervision		
148	(912) Demonstrating and Selling Expenses		
149	(913) Advertising Expenses		
150	(916) Miscellaneous Sales Expenses		
151	Total Sales Expenses *(Total of Lines 147 thru 150)*	0	0
152	**8. ADMINISTRATIVE AND GENERAL EXPENSES**		
153	Operation		
154	(920) Administrative and General Salaries	968,354	850,518
155	(921) Office Supplies and Expenses	428,893	447,270
156	(Less) (922) Administrative Expenses Transferred - **CR**	(78,787)	

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (cont'd)

If the amount for previous year is not deprived from previously reported figures, explain in footnotes.

Line No.	Account (a)	Amt. For Current Year (b)	Amt. For Previous Year (c)
157	**8. ADMINISTRATIVE AND GENERAL EXPENSES (Continued)**		
158	(923) Outside Services Employed	489,913	381,373
159	(924) Property Insurance	193,431	174,574
160	(925) Injuries and Damages	257,702	210,422
161	(926) Employee Pensions and Benefits	466,439	1,304,556
162	(927) Franchise Requirements		
163	(928) Regulatory Commission Expenses	109,048	86,874
164	(929) Duplicate Charges - **CR**.	44,711	35,159
165	(930.1) General Advertising Expenses		
166	(930.2) Miscellaneous General Expenses	38,654	110,823
167	(931) Rents	130,070	118,342
168	TOTAL Operation (*Total of Lines 154 thru 167)*	2,959,006	3,649,593
169	Maintenance		
170	(935) Maintenance of General Plant		
171	TOTAL Administrative and General Expenses *(Total of Lines 168 & 170)*	2,959,006	3,649,593
172	TOTAL Electric Operation and Maintenance Expenses *(Enter total of lines 80, 100, 104, 129, 137, 144, 151 and 168)*	98,725,443	151,799,402

NUMBER OF ELECTRIC DEPARTMENT EMPLOYEES

1. The data on number of employees should be reported for the payroll period ending nearest to October 31, or any payroll period ending 60 days before or after October 31.

2. If the respondent's payroll for the reporting period includes any special construction personnel, include such employees on line 3, and show the number of such special construction employees in a footnote.

3. The number of employees assignable to the electric department from joint functions of combination utilities may be determined by estimate, on the basis of employee equivalents. Show the estimated number of equivalent employees attributed to the electric department from joint functions.

1. Payroll Period Ended (Date)		
2. Total Regular Full-Time Employees		0
3. Total Part-Time and Temporary Employees		0
4. Total Employees		0

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PURCHASED POWER (Account 555)

(Including power exchanges)

1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges.
2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller.
3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:

RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e. the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers.

LF - for long-term service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of **LF** service). This category should not be used for long-term firm service, which meets the definition of **RQ** service. For all transactions identified as **LF**, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.

IF - for intermediate-term firm service. The same as **LF** service except that "intermediate-term" means longer than one year but less than five years.

SF - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less.

LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as **LU** service except that "intermediate-term" means longer than one year but less than five years.

EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff No. (c)	Avg. Monthly Billing Demand (d)	Actual Demand (MW)	
					Avg. Monthly NCP Demand (e)	Avg. Monthly CP Demand (f)
1	Midcontinent Independent System Operator, Inc.	OS				
2	Billerud Quinnesec LLC	OS				
3	Verso Paper c/o D Lindstrom	OS				
4	Customer owned generation<100 mwh	OS				
5	Wisconsin Electric Power Company	OS				
6	Wisconsin Public Service Corporation	OS				
7						
8						
9						
10						
11						
12						
13						
14	TOTAL					

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PURCHASED POWER (Account 555) (Continued)

(Including power exchanges)

OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the length of the contract and service from designated units of less than one year. Describe the nature of the service in a footnote.
AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule or Number or Tariff, or for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
5. For requirements **RQ** sales and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hourly (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in column (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.
6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in column (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net change.
7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) includes credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.
8. The data in column (g) through (m) must be totaled on the last line of the schedule. The total amount in column (g) must be reported as Purchases on page 401, line 10. The total amount in column (h) must be reported as Exchange Received on page 401, line 12. The total amount in column (i) must be reported as Exchange Delivered on page 401, line 13.
9. Footnote entries as required and provide explanations following all required data.

	POWER EXCHANGES		COST/SETTLEMENT OF POWER				
Megawatthours Purchased	Megawatthours Received	Megawatthours Delivered	Demand Charges ($)	Energy Charges ($)	Other Charges ($)	Total (j + k + l) or Settlement ($)	Line No.
(g)	(h)	(i)	(j)	(k)	(l)	(m)	
1,322,549				33,101,404	45,750	33,147,154	1
2,328				78,626		78,626	2
612				22,702		22,702	3
26				4,555		4,555	4
			(199,859)			(199,859)	5
			(126,380)			(126,380)	6
							7
							8
							9
							10
							11
							12
							13
1,325,515			(326,239)	33,207,287	45,750	32,926,798	14

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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
326	1	g & k	MISO RTO Netting of energy transactions is performed hourly. FERC requires that the RTO Netting of energy transactions be calculated separately for Day Ahead and Real Time markets.

MWH:	Purchases	Sales (Non-RQ)
FERC Form 1	1,325,515	124,849
MISO RTO Netting adjustment	(124,350)	(124,350)
TOTAL	1,201,165	499

Dollars:	Purchases	Sales (Non-RQ)
FERC Form 1	$ 32,926,798	$ 8,019,288
MISO RTO Netting adjustment	(4,118,994)	(4,118,994)
TOTAL	$ 28,807,804	$ 3,900,294

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
326	1	l	Letter of credit fees.

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SALES TO RAILROADS AND RAILWAYS AND INTERDEPARTMENTAL SALES (Accounts 446, 448)

1. Report particulars concerning sales included in Accounts 446 and 448.
2. For Sales to Railroads and Railways, Account 446, give name of railroad or railway in addition to other required information. If contract covers several points of delivery and small amounts of electricity are delivered at each point, such sales may be grouped.
3. For Interdepartmental Sales, Account 448, give name of other department and basis of charge to other department in addition to other required information.
4. Designate associated companies.
5. Provide subheading and total for each account.

Line No.	Item (a)	Point of Delivery (b)	Kilowatt-hours (c)	Revenue (d)	Revenue per kwh (in cents) (e)
1	Miscellaneous		57,950	5,622	10.31
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					

RENT FROM ELECTRICITY PROPERTY AND INTERDEPARTMENTAL RENTS (Accounts 454, 455)

1. Report particulars concerning rents received included in Accounts 454 and 455.
2. Minor rents may be grouped by classes.
3. If rents are included which were arrived at under an arrangement for apportioning expenses of a joint facility, whereby the amount included in this account represents profit or return on property, depreciation and taxes, give particulars and the basis of apportionment of such charges to Accounts 454 and 455.
4. Designate if lessee is an associated company.
5. Provide a subheading and total for each account.

Line No.	Name of Lessee or Department (a)	Description of Property (b)	Amount of Revenue for Year (c)
16	Geographic Basis		
17			
18	<u>Account 454:</u>		
19	Various Telephone Companies	Pole Contacts - Michigan	87,599
20	Various Cable TV Companies	Pole Contacts - Michigan	37,000
21	Various Fiber Optic Companies	Pole Contacts - Michigan	9,000
22			
23	<u>Account 455:</u>		
24	None		
25			
26			
27			
28			
29	Total		**133,599**

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SALES OF WATER AND WATER POWER (Account 453)

1. Report below the information called for concerning revenues derived during the year from sales to others of water or water power.
2. In column (c) show the name of the power development of the respondent supplying the water or water power sold.
3. Designate associated companies.

Line No.	Name of Purchaser (a)	Purpose for Which Water Was Used (b)	Power Plant Development Supplying Water or Water Power (c)	Amount of Revenue for Year (d)
1	None			
2				
3				
4				
5				
6				
7				
8				
9				
10	TOTAL			0

MISCELLANEOUS SERVICE REVENUES AND OTHER ELECTRIC REVENUES (Accounts 451, 456)

1. Report particulars concerning miscellaneous service revenues and other electric revenues derived from electric utility operations during year. Report separately in this schedule the total revenues from operation of fish and wildlife and recreation facilities, regardless of whether such facilities are operated by company or by contract concessionaires. Provide a subheading and total for each account. For Account 456, list first revenues realized through Research and Development ventures, see Account 456.
2. Designate associated companies.
3. Minor items may be grouped by classes.

Line No.	Name of Company and Description of Service (a)	Amount of Revenue for Year (b)
11	Geographic Basis	
12		
13		
14	<u>Miscellaneous Service Revenues (451)</u>	
15	Fees & charges for changing, connecting and disconnecting services	46,545
16	Total	46,545
17		
18	<u>Other Electric Revenues (456)</u>	
19	Michigan retail access	2,468,296
20	Generating services - miscellaneous	574,209
21	MI Act 295 renewable energy true-up	(2,239)
22	Tax reform	(311,777)
23	Miscellaneous	22,914
24	Total	2,751,403
25		
26		
27		
28		
29		
30	**TOTAL**	**2,797,948**

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TRANSMISSION OF ELECTRICITY BY OTHERS (Account 565)

(Including transactions referred to as "wheeling")

1. Report all transmission, i.e., wheeling, of electricity provided to respondent by other electric utilities, cooperatives, municipalities, or other public authorities during the year.
2. In column (a) report each company or public authority that provided transmission service. Provide the full name of the company; abbreviated if necessary, but do not truncate name or use acronyms. Explain in a footnote any ownership interest in our affiliation with the transmission service provider.
3. Provide in column (a) subheadings and classify transmission service purchased from other utilities as: "Delivered Power to Wheeler" or "Received Power from Wheeler."
4. Report in columns (b) and (c) the total megawatthours received and delivered by the provider of the transmission service.
5. In columns (d) through (g), report expenses as shown on bills or vouchers rendered to the respondent. In column (d), provide demand charges. In column (e), provide energy charges related to the amount of energy transferred. In column (f), provide the total of all other charges on bills or vouchers rendered to respondent, including any out or period adjustments. Explain in a footnote all components of the amount shown in column (f). Report in column (g) the total charge shown on bills rendered to the respondent. If no monetary settlement was made, enter zero ("0") in column (g). Provide a footnote explaining the nature of the nonmonetary settlement, including the amount and type of energy or service rendered.
6. Enter "TOTAL" in column (a) as the last line. Provide a total amount in columns (b) through (g) as the last line. Energy provided by the respondent for the wheeler's transmission losses should be reported on the Electric Energy Account, page 401. If the respondent received power from the wheeler, energy provided to account for losses should be reported on line 19, Transmission By Others Losses, on page 401. Otherwise, losses should be reported on line 27, Total Energy Losses, page 401.
7. Footnote entries and provide explanations following all required data.

Line No.	Name of Company or Public Authority [Footnote Affiliations]	TRANSFER OF ENERGY		EXPENSES FOR TRANSMISSION OF ELECTRICITY BY OTHERS			
		Megawatthours Received	Megawatthours Delivered	Demand Charges ($)	Energy Charges ($)	Other Charges ($)	Total Cost of Transmission ($)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Midcontinent Independent System						
2	Operator, Inc. (Statistical Classification: FNS)				14,520,133	5,387,178	19,907,311
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	Total	0	0	0	14,520,133	5,387,178	19,907,311

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Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
332	2	a	Network transmission is billed by ATC (billing agent), but is reported under MISO since MISO is the transmission provider; ATC acts as the billing agent in order to facilitate the billing process.
332	2	f	Other charges consist of Schedule 2 (Reactive Supply & Voltage Control), Schedule 26 (Network Upgrade), Schedule 26A (Multi-Value Project Cost Recovery), Schedule 26D (Cost Recover), Schedule 33 (Blackstart Services), and Attachment BB Reimbursement.

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MISCELLANEOUS GENERAL EXPENSES (Account 930.2) (ELECTRIC)

Line No.	Description (a)	Amount (b)
1	Industry Association Dues	71,768
2	Nuclear Power Research Expenses	
3	Other Experimental and General Research Expenses	2,249
4	Publishing and Distributing Information and Reports to Stockholders; Trustee, Registrar, and Transfer Agent Fees and Expenses, and Other Expenses of Servicing Outstanding Securities of the Respondent	
5	Other Expenses *(List items of $5,000 or more in this column showing the (1) purpose, (2) recipient and (3) amount of such items. Group amounts of less than $5,000 by classes if the number of items so grouped is shown)*	
6	Depreciation and cost of capital charges from WBS	(108,646)
7	Director fees and corporate expenses	24,538
8	Expense of corporate organizations	40,907
9	Bank fees	3,335
10	Other labor - serverance, retention, etc.	4,374
11	Miscellaneous	129
12		
13		
14		
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45		
46	TOTAL	38,654

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Accounts 403, 404, 405)
(Except amortization of acquisition adjustments)

1. Report in section A for the year the amounts for: (a) Depreciation Expense (Account 403); (b) Amortization of Limited-Term Electric Plant (Account 404); and (c) Amortization of Other Electric Plant (Account 405).
2. Report in section B the rates used to compute amortization charges for electric plant (Accounts 404, 405). State the basis used to compute the charges and whether any changes have been made in the basis or rates used from the preceding report year.
3. Report all available information called for in Section C every fifth year beginning with report year 1971, reporting annually only changes to columns (c) through (g) from the complete report of the preceding year. Unless composite depreciation accounting for total depreciable plant is followed, list numerically in column (a) each plant subaccount, account or functional; classification, as appropriate, to which a rate is applied. Identify at the bottom of Section C the type of plant account included in any subaccounts used.

In column (b) report all depreciable plant balances to which rates are applied showing subtotals by functional classifications and showing a composite total. Indicate at the bottom of Section C the manner in which column (b) balances are obtained. If average balances, state the method of averaging used.
For columns (c), d, and (e) report available information for each plant subaccount, account or functional classification listed in column (a). If plant mortality studies are prepared to assist in estimating average service lives, show in column (f) the type mortality curve selected as most appropriate for the account and in column (g), if available, the weighted average remaining life of surviving plant.
If composite depreciation accounting is used, report available information called for in columns (b) through (g) on this basis.
4. If provisions for depreciation were made during the year in addition to depreciation provided by application of reported rates, state at the bottom of Section C the amounts and nature of the provisions and the plant items to which related.

A. SUMMARY OF DEPRECIATION AND AMORTIZATION CHARGES

Line No.	Functional Classification (a)	Depreciation Expense (Account 403) (b)	Amortization of Limited-Term Electric Plant (Account 404) (c)	Amortization of Other Electric Plant (Acct. 405) (d)	Total (e)
1	Intangible Plant		27,908		27,908
2	Steam Production Plant				0
3	Nuclear Prod Plant (Depr / Decommission)				0
4	Hydraulic Production Plant-Conventional				0
5	Hydraulic Production Plant-Pumped Storage				0
6	Other Production Plant	8,721,509			8,721,509
7	Transmission Plant				0
8	Distribution Plant	5,725,464			5,725,464
9	General Plant	435,203			435,203
10	Common Plant-Electric	20,508	270,170		290,678
11	Regional Transmission and Market Operation				0
12	TOTAL	14,902,684	298,078	0	15,200,762

B. BASIS FOR AMORTIZATION CHARGES

None

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FOOTNOTE DATE

Page Number (a)	Line Number (b)	Column Number (c)	Comments (d)
336	10	b	Represents the amount of common utility allocated to the electric utility for Depreciation Expense (403) and Amortization of Other Limited-Term Electric Plant (404), respectively.
336	10	c	Represents the amount of common utility allocated to the electric utility for Depreciation Expense (403) and Amortization of Other Limited-Term Electric Plant (404), respectively.
336	12	b	Account 403.1 is not used due to the fact that we have received specific approval from our primary regulator, the MPSC, to defer depreciation expense related to asset retirement costs to a regulatory asset account.

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PARTICULARS CONCERNING CERTAIN INCOME DEDUCTIONS AND INTEREST CHARGES ACCOUNTS

Report the information specified below, in the order given, for the respective income deduction and interest charges accounts. Provide a subheading for each account and a total for the account. Additional columns may be added if deemed appropriate with respect to any account.

(a) *Miscellaneous Amortization* (Account 425)-Describe the nature of items included in this account, the contra account charged, the total of amortization charges for the year, and the period of amortization.

(b) *Miscellaneous Income Deductions* -- Report the nature, payee, and amount of other income deductions for the year as required by Accounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; 426.4, Expenditures for Certain Civic, Political and Related Activities; and 426.5, Other Deductions, of the Uniform System of Accounts. Amounts of less than 5% of each account total for the year (or $1,000, whichever is greater) may be grouped by classes within the above accounts.

(c) *Interest on Debt to Associated Companies* (Account 430) -- For each associated company to which interest on debt was incurred during the year, indicate the amount and interest rate respectively for (a) advances on notes, (b) advances on open account, (c) notes payable, (d) accounts payable, and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.

(d) *Other Interest Expense* (Account 431) -- Report particulars (details) including the amount and interest rate for other interest charges incurred during the year.

Line No.	Item (a)	Amount (b)
1	**Miscellaneous Amortization (425)**	
2	Total - 425	0
3		
4	**Donations (426.1)**	
5	Corporate director charitable award costs	6,339
5	Total - 426.1	6,339
6		
7	**Key Executive Life Insurance (426.2)**	
8	Total - 426.2	0
9		
10	**Penalties (426.3)**	
11	BTL penalties	3,392
11	Total - 426.3	3,392
12		
13	**Expenses for Certain Civil, Political, & Related Activities (426.4)**	
14	Regulatory lobbying	27,800
15	EEI and AGA dues	4,034
16	Total - 426.4	31,834
17		
18	**Other Deductions (426.5)**	
19	Below the line cost	8,129
20	Total - 426.5	8,129
21		
22	**Interest on Debt to Associated Companies (430)**	
23	WEC Energy Group intercompany interest expense - WEC Energy Group	1,128,068
23	Total - 430	1,128,068
24		
25	**Other Interest Expense (431)**	
24	Credit facility fee	187,719
25	Rating agency	18,465
26	Customer deposits	7,903
26	Tax expense	3,882
27	Other	(261)
28	Total - 431	217,708
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EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES

(Account 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities, Account 426.4.
2. Advertising expenditures in this Account shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customer's bills; (d) inserts in reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.
3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions clearly indicating the nature and purpose of the activity.
4. If respondent has not incurred any expenditures contemplated by the instruction of Account 426.4, so state.
5. Minor amount may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this amount is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (b)
1	Dues and memberships	$ 4,650
2	Employee labor and expenses	2,159
3	Consulting	25,025
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32	TOTAL	31,834

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REGULATORY COMMISSION EXPENSES

1. Report particulars (details) of regulatory commission expenses incurred during the current year (or incurred in previous years, if being amortized) relating to formal cases before a regulatory body, or cases in which such a body was a party.
2. Report in columns (b) and (c), only the current year's expenses that are not deferred and the current year's amortization of amounts deferred in previous years.

Line No.	Description *(Furnish name of regulatory commission or body, the docket or case number, and a description of the case.)* (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expenses for current year (b) + (c) (d)	Deferred at Beginning of Year (e)
1	Michigan Public Service Commission				
2	MPSC: Electric		107,486	107,486	
3	MPSC: Gas		44,302	44,302	
4					
5	Other Expenses:				
6	Electric		1,562	1,562	
7	Gas		0	0	
8					
9					
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44	TOTAL	0	153,350	153,350	

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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.

4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.

5. Minor items (less than $25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CHARGED CURRENTLY TO			Deferred	Contra	Amount	Deferred at	Line
Department	Account No.	Amount		Account		End of Year	No.
(f)	(g)	(h)	(i)	(j)	(k)	(l)	
							1
							2
							3
							4
							5
Electric	928	109,048					6
Gas	928	44,302					7
							8
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		153,350					44

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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES

1. Describe and show below costs incurred and accounts charged during the year for technological research, development, and demonstration (R, D & D) project initiated, continued, or concluded during the year. Report also support given to others during the year for jointly-sponsored projects. (Identify recipient regardless of affiliation.) For any R, D & D work carried on by the respondent in which there is a sharing of costs with others, show separately the respondent's cost for the year and cost chargeable to others. (See definition of research, development, and demonstration in Uniform System of Accounts.)
2. Indicate in column (a) the applicable classification, as shown below. Classifications:
   A. Electric R, D & D Performed Internally
      (1) Generation
         a. Hydroelectric
            i. Recreation, fish, and wildlife
            ii. Other hydroelectric
         b. Fossil-fuel steam
         c. Internal combustion or gas turbine
         d. Nuclear
         e. Unconventional generation
         f. Siting and heat rejection
      (2) System Planning, Engineering and Operation
      (3) Transmission
         a. Overhead
         b. Underground
      (4) Distribution
      (5) Environment (other than equipment)
      (6) Other *(Classify and include items in excess of* $5,000.)
      (7) Total Cost Incurred
   B. Electric R, D & D Performed Externally
      (1) Research Support to the Electrical Research Council or Electric Power Research Institute

Line No.	Classification (a)	Description (b)
1	B(1)	Electric Power Research Institute - Program Fees
2	B(1)	Electric Power Research Institute - Program Fees
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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES (Continued)

(2) Research Support to Edison Electric Institute
(3) Research Support to Nuclear Power Groups
(4) Research Support to Others *(Classify)*
(5) Total Cost Incurred

3. Include in column (c) all R, D & D items performed internally and in column (d) those items performed outside the company costing $5,000 or more, briefly describing the specific area of R, D & D (such as safety, corrosion control, pollution, automation, measurement, insulation, type of appliance, etc.). Group items under $5,000 by classifications and indicate the number of items grouped. Under Other, (A.(6) and B.(4)) classify items by type of R, D & D activity.

4. Show in column (e) the account number charged with expenses during the year or the account to which amounts were capitalized during the year, listing Account 107, *Construction Work in Progress,* first. Show in column (f) the amounts related to the account charged in column (e).

5. Show in column (g) the total amortized accumulation of costs of projects. This total must equal the balance in Account 188, *Research, Development, and* Demonstration Expenditures, Outstanding at the end of the year.

6. If costs have not been segregated for R, D & D activities or projects, submit estimates for columns (c), (d), and (f) with such amounts identified by "Est."

7. Report separately research and related testing facilities operated by the respondent.

Costs Incurred Internally Current Year (c)	Cost Incurred Externally Current Year (d)	AMOUNTS CHARGED IN CURRENT YEAR		Unamortized Accumulation (g)	Line No.
		Account (e)	Amount (f)		
712		921.00	712		1
2,360		930.20	2,360		2
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DISTRIBUTION OF SALARIES AND WAGES

Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided.

In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.

Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
1	**ELECTRIC**			
2	Operation			
3	Production	1,164,983		
4	Transmission			
5	Regional Market			
6	Distribution	587,024		
7	Customer Accounts	209,112		
8	Customer Service and Informational	234,666		
9	Sales			
10	Administrative and General	1,070,882		
11	TOTAL Operation *(Enter Total of lines 3 thru 10)*	3,266,667		
12	Maintenance			
13	Production	100,339		
14	Transmission			
15	Regional Market			
16	Distribution	682,875		
17	Administrative and General			
18	TOTAL Maintenance *(Total of lines 13 thru 17)*	783,214		
19	Total Operation and Maintenance			
20	Production *(Enter Total of lines 3 and 13)*	1,265,322		
21	Transmission *(Enter Total of lines 4 and 14)*	0		
22	Regional Market *(Enter Total of lines 5 and 15)*	0		
23	Distribution *(Enter Total of lines 6 and 16)*	1,269,899		
24	Customer Accounts *(Transcribe from line 7)*	209,112		
25	Customer Svc and Informational *(Transcribe from line 8)*	234,666		
26	Sales *(Transcribe from line 9)*	0		
27	Administrative and General *(Enter Total of lines 10 & 17)*	1,070,882		
28	TOTAL Oper. And Maint. *(Total of lines 20 thru 27)*	4,049,881	46,955	4,096,836
29	**GAS**			
30	Operation			
31	Production-Manufactured Gas			
32	Production-Nat. Gas (Including Expl. And Dev.)			
33	Other Gas Supply	1,802		
34	Storage, LNG Terminaling and Processing			
35	Transmission	4,506		
36	Distribution	34,282		
37	Customer Accounts	14,896		
38	Customer Service and Informational	26,861		
39	Sales			
40	Administrative and General	92,952		
41	TOTAL Operation *(Enter Total of lines 31 thru 40)*	175,299		

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DISTRIBUTION OF SALARIES AND WAGES (Continued)

Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided.

In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may by used.

Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
	GAS (Continued)			
42	Maintenance			
43	Production-Manufactured Gas			
44	Production-Natural Gas			
45	Other Gas Supply			
46	Storage, LNG Terminaling and Processing	96		
47	Transmission	870		
48	Distribution	35,055		
49	Administrative and General			
50	TOTAL Maint. *(Enter Total of lines 43 thru 49)*	36,021		
51	Total Operation and Maintenance			
52	Production-Manufactured Gas *(Total of lines 31 and 43)*	0		
53	Production-Nat. Gas (Including Expl. & Dev.) *(Total of lines 32 and 44)*	0		
54	Other Gas Supply *(Enter Total of lines 33 and 45)*	1,802		
55	Storage, LNG Terminaling and Processing *(Total of lines 34 and 46)*	96		
56	Transmission *(Lines 35 and 47)*	5,376		
57	Distribution *(Lines 36 and 48)*	69,337		
58	Customer Accounts *(Line 37)*	14,896		
59	Customer Service and Informational *(Line 38)*	26,861		
60	Sales *(Line 39)*	0		
61	Administrative and General *(Lines 40 and 49)*	92,952		
62	TOTAL Operation & Maint. *(total of lines 52 thru 61)*	211,320		211,320
63	**OTHER UTILITY DEPARTMENTS**			
64	Operation and Maintenance			
65	TOTAL All Utility Dept. *(Total of lines 28, 62 & 64)*	4,261,201	46,955	4,308,156
66	**UTILITY PLANT**			
67	Construction (By Utility Departments)			
68	Electric Plant	2,155,624	156,606	2,312,230
69	Gas Plant	145,672		145,672
70	Other			
71	TOTAL Construction *(Total of lines 68 thru 70)*	2,301,296	156,606	2,457,902
72	Plant Removal (By Utility Departments)			
73	Electric Plant	245,904	10,454	256,358
74	Gas Plant	16,618		16,618
75	Other			
76	TOTAL Plant Removal *(Total of lines 73 thru 75)*	262,522	10,454	272,976
77	Other Accounts (Specify):			
78	Clearing Account - Elec Engr, Mapng, Proj Mgmt	181,026	(181,026)	0
79	Clearing Account - Forestry	33,263	(33,263)	0
80	Preliminary Service & Investigating (Acct 183)	567		567
81	Intercompany:		274	274
82	WE & WG Labor	(4,308,607)		(4,308,607)
83	WBS Labor	(1,456,995)		(1,456,995)
84	WPS Labor	(1,275,976)		(1,275,976)
85	PGL, NSG, MGU, MERC Labor	(402)		(402)
86	Other	2,105		2,105
87	TOTAL Other Accounts	(6,825,019)	(214,015)	(7,039,034)
88	TOTAL SALARIES AND WAGES	0	0	0

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COMMON UTILITY PLANT AND EXPENSES

1. Describe the property carried in the utility's accounts as common utility plant and show the book cost of such plant at end of year classified by accounts as provided by Plant Instruction 13, Common Utility Plant, of the Uniform System of Accounts. Also show the allocation of such plant costs to the respective departments using the common utility plant and explain the basis of allocation used, giving the allocation factors.
2. Furnish the accumulated provisions for depreciation and amortization at end of year, showing the amounts and classifications of such accumulated provisions, and amounts allocated to utility departments using the common utility plant to which such accumulated provisions relate, including explanation of basis of allocation and factors used.
3. Give for the year the expenses of operation, maintenance, rents, depreciation, and amortization for common utility plant classified by accounts as provided by the Uniform System of Accounts. Show the allocation of such expenses to the departments using the common utility plant to which such expenses are related. Explain the basis of allocation used and give the factors of allocation.
4. Give date of approval by the Commission for use of the common utility plant classification and reference to order of the Commission or other authorization.

COMMON UTILITY PLANT IN SERVICE

	Total	Electric	Gas
Intangible-software	3,032,741	2,890,202	142,539
Office furniture & equipment	205,677	196,010	9,667
Total common plant	3,238,418	3,086,212	152,206
Total common CWIP	450,599	429,421	21,178

ACCUMULATED PROVISION FOR DEPRECIATION

			Total
Balance, beginning of year			673,830
Depreciation accruals charged to:			
Depreciation expense			305,013
Net charges for plant retired:			
Book cost of plant retired	68,396		
Cost of removal	655		69,051
Balance, end of year			909,792

Footnote:	
End balance (above)	909,792
Less: 108 ARO depreciation (non-rate base)	0
Add: 182.3 ARO COR depreciation (rate base)	0
Add: 254 Non-ARO COR depreciation expense (rate base)	0
Ending rate base reserve	909,792

ALLOCATION TO UTILITY DEPARTMENTS - ACCUMULATED PROVISION FOR AMORTIZATION

	Accruals for the Year	Balance End of Year
Electric department	290,678	867,032
Gas department	14,336	42,760
TOTAL	305,014	909,792

Footnotes:	
End Balance - Electric	867,032
Less: 108 ARO Depreciation (Non-Rate base)	0
Add: 182.3 ARO COR Depr (Rate base)	0
Ending Rate Base Reserve - Electric	867,032
End Balance - Gas	42,760
Less: 108 ARO Depreciation (Non-Rate base)	0
Add: 182.3 ARO COR Depr (Rate base)	0
Ending Rate Base Reserve - Gas	42,760

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES

1. Report the information specified below for all charges made during the year included in any account (including plant accounts) for outside consultative and other professional services. (These services include rate, management, construction, engineering, research, financial, valuation, legal, accounting, purchasing, advertising, labor relations, and public relations, rendered the respondent under written or oral arrangement, for which aggregate payments were made during the year to any corporation, partnership, organization of any kind, or individual (other than for services as an employee or for payments made for medical and related services) amounting to more than $250,000, including payments for legislative services, except those which should be reported in Account 426.4, Expenditures for Certain Civic, Political and Related Activities.)
   (a) Name and address of person or organization rendering services,
   (b) description of services received during year and project or case to which services relate,
   (c) basis of charges,
   (d) total charges for the year, detailing utility department and account charged.
2. For any services which are of a continuing nature, give the date and term of contract and date of Commission authorization, if contract received Commission approval.
3. Designate with an asterisk associated companies.

Line No.	Name/Address	Service	Basis of Charges	Acct #	Amount
1	Asplundh Tree Expert LLC	Contractor Services	Fees	593	725,670
2	5907 Municipal Street			107	63,023
3	Schofield WI 54476				788,693
4					
5	Coleman Engineering Co	Engineering Consulting	Fees	107	290,948
6	635 Circle Drive				290,948
7	Iron Mountain MI 49801				
8					
9	Grid One Solutions	Environmental Consulting	Fees	107	294,033
10	600 N Jackson Street, Suite B				294,033
11	Media PA 19063				
12					
13	Hydrite Chemical Co	Environmental Consulting	Fees	548	375,338
14	8622 N 87th Street				375,338
15	Milwaukee WI 53224				
16					
17	Intercon Construction	Construction Services	Fees	107	899,000
18	5512 State Rd 19 & 113				899,000
19	Waunakee WI 53597				
20					
21	Intren LLC	Environmental Consulting	Fees	107	279,706
22	18202 W Union Road				279,706
23	Union IL 60180				
24					
25	Kapur & Associates Inc	Engineering Consulting	Fees	107	536,500
26	7711 N Port Washington Road				536,500
27	Milwaukee WI 53217				
28					
29	Michels Power Inc	Contractor Services	Fees	107	282,453
30	817 Main Street				282,453
31	Brownsville WI 53006				
32					
33	Miller Canfield Paddock & Stone	Legal Consulting	Fees	923	277,511
34	1 Michigan Avenue Suite 900			921	5,109
35	Lansing MI 48933				282,620
36					
37	Per Mar Security Services	Contractor Services	Fees	107	266,811
38	PO Box 1101			553	823
39	Davenport IA 52805			931	7
40					267,641
41					
42	PIC Group Inc	Engineering Consulting	Fees	549	1,062,965
43	1000 Parkwood Circle Suite 1000			553	4,251,862
44	Atlanta GA 30339				5,314,827
45					
46	SEMCO Energy Inc	Contractor Services	Fees	549	288,000
47	34 E Hwy 41				288,000
48	Negaunee MI 49866				
49					
50	Wartsila North America	Construction Services	Fees	549	79,822
51	11710 N Gessner Road Suite A			553	2,374,059
52	Houston TX 77064				2,453,881
53					
54				**TOTAL**	**12,353,640**

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	04/29/24	December 31, 2023

SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES

1. In column (a) report the name of the associated company.
2. In column (b) describe the affiliation (percentage ownership, etc.).
3. In column (c) describe the nature of the goods and services provided (administrative and general expenses, dividends declared, etc.).
4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.

Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	WEC Business Services, LLC	Subsidiary of WEC Energy	Benefits & Other Corporate Charges		
2		Group, Inc.	Operations		
3					
4					
5	Wisconsin Electric Power Company	Subsidiary of WEC Energy	Generation		
6		Group, Inc.	Operations		
7			Customer Service		
8			Benefits & Other Corporate Charges		
9					
10					
11	Wisconsin Gas LLC	Subsidiary of WEC Energy	Purchase Power		
12		Group, Inc.			
13					
14	Wisconsin Public Service Corporation	Subsidiary of Integrys	Generation		
15		Holding, Inc.	Operations		
16			Property Transfers		
17			Benefits & Other Corporate Charges		
18			Customer Service		
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES (Continued)

5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.
6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.
7. In column (j) report the total.
8. In column (k) indicate the pricing method (cost, per contract terms, etc.)

Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.
				142	(4)	1
				153	(1)	2
			Total	**295**		3
						4
				2,873	(1)	5
				2,761,938	(1)	6
				(8,240)	(1)	7
				2,706	(4)	8
			Total	**2,759,277**		9
						10
				62,573	(4)	11
			Total	**62,573**		12
						13
				21,394	(1)	14
				379,723	(1)	15
				10,117	(4)	16
				782	(4)	17
				(98)	(1)	18
			Total	**411,918**		19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
			TOTAL	**3,234,063**		31

(1) Fully Loaded Cost
(2) Market
(3) Tariff
(4) Actual Cost
(5) Contract

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

SUMMARY OF COSTS BILLED FROM ASSOCIATED COMPANIES

1. In column (a) report the name of the associated company.
2. In column (b) describe the affiliation (percentage ownership, etc.).
3. In column (c) describe the nature of the goods and services provided (administrative and general expenses, dividends declared, etc.).
4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.

Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	WEC Business Services LLC	Subsidiary of WEC Energy	Generation		
2		Group, Inc.	Operations		
3			Customer Service		
4			Information Technology		
5			Finance		
6			Supply Chain		
7			Communications		
8			Chief Executive		
9			Audit		
10			Dues and Memberships		
11			Legal Affairs and Governance		
12			Environmental		
13			External Affairs		
14			Benefits & Other Corporate Charges		
15			Return, Regulatory, and Other		
16			Administrative Services		
17					
18					
19	WEC Energy Group, Inc.	Holding Company	Intercompany Interest		
20					
21					
22	Wisconsin Electric Power Company	Subsidiary of WEC Energy	Generation		
23		Group, Inc.	Operations		
24			Customer Service		
25			Information Technology		
26					
27					
28	Wisconsin Gas LLC	Subsidiary of WEC Energy	Operations		
29		Group, Inc.			
30					
31	Wisconsin Public Service Corporation	Subsidiary of Integrys	Generation		
32		Holding, Inc.	Operations		
33			Customer Service		
34			Property Transfers		
35			Purchase Power		
36					
37					
38					

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

SUMMARY OF COSTS BILLED FROM ASSOCIATED COMPANIES (Continued)

5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.
6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.
7. In column (j) report the total.
8. In column (k) indicate the pricing method (cost, per contract terms, etc.)

Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.
				149,383		1
				536,585		2
				573,820		3
				522,385		4
				678,134		5
				28,268		6
				160,250		7
				203,447		8
				35,567		9
				79,890		10
				443,264		11
				246,340		12
				296,502		13
				528,198		14
				(114,004)		15
				29,103		16
			Total	**4,397,132**		17
						18
				1,128,068		19
			Total	**1,128,068**		20
						21
				1,139,431		22
				12,440,414		23
				285,871		24
				100,753		25
			Total	**13,966,469**		26
						27
				570		28
			Total	**570**		29
						30
				450,411		31
				1,527,558		32
				122,268		33
				247,843		34
				3,059,127		35
				5,407,207		36
						37
			TOTAL	**24,899,446**		38

(1) Fully Loaded Cost
(2) Market
(3) Tariff
(4) Actual Cost
(5) Contract

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric energy generated, purchased, exchanged and wheeled during the year.

Line No.	Item (a)	MWH's (b)	Line No.	Item (a)	MWH's (b)
1	**SOURCES OF ENERGY**		18	Net Transmission for other *(line 16 minus line 17)*	
2	Generation (Excluding Station Use):				
3	Steam		19	Transmission by others losses	
4	Nuclear		20	TOTAL *(Total of lines 9, 10, 14, 18 & 19)*	2,023,869
5	Hydro-Conventional		21	**DISPOSITION OF ENERGY**	
6	Hydro-Pumped Storage		22	Sales to Ultimate Consumers	
7	Other	698,354		(Including Interdepartmental Sales)	1,826,261
8	LESS Energy for Pumping		23	Requirements Sales for Resale	
9	Net Generation *(Total of lines 3 thru 8)*	698,354		(See instruction 4, page 311.)	
10	Purchases	1,325,515	24	Non-Requirements Sales For Resale	
11	Power Exchanges:			(See instruction 4, page 311.)	124,849
12	Received		25	Energy furnished without charge	
13	Delivered		26	Energy used by the company (Electric	
14	NET Exchanges *(line 12 minus 13)*			Dept. only, excluding station use)	794
15	Transmission for other (Wheeling)		27	Total Energy Losses	71,965
16	Received		28	TOTAL *(Enter total of lines 22 thru*	
17	Delivered			*27)* **(MUST equal line 20)**	2,023,869

MONTHLY PEAKS AND OUTPUT

1. If the respondent has two or more power systems which are not physically integrated, furnish the required information for each non-integrated system.
2. Report in column (b) the system's energy output for each month such that the total on line 41 matches the total on line 20.
3. Report in column (c) a monthly breakdown on the Non-Requirements Sales for Resale reported on line 24. Include in the monthly amounts any energy losses associated with the sales so that the total on line 41 exceeds the amount on line 24 by the amount of losses incurred (or estimated) in making the non-requirements Sales for Resale.
4. Report in column (d) the system's monthly maximum megawatt load (60-minute integration) associated with the net energy for the load (60-minute integration) system defined as the difference between columns (b) and (c).
5. Report in columns (e) and (f) the specified information for each monthly peak load reported in column (d).

NAME OF SYSTEM: Upper Michigan Energy Resources Corporation

Line No.	Month (a)	Total Monthly Energy (b)	Monthly Non-Requirements Sales for Resale & Associated Losses (c)	MONTHLY PEAK Megawatts (See Instruction 4) (d)	Day of Month (e)	Hour (f)
29	January	169,855	12,053	249	5	8
30	February	155,200	7,483	262	2	19
31	March	177,220	9,177	260	10	20
32	April	171,093	16,281	256	18	11
33	May	169,296	7,600	249	29	18
34	June	168,552	9,983	264	2	19
35	July	177,794	10,548	264	24	17
36	August	179,041	12,839	272	8	13
37	September	151,394	15,654	281	5	13
38	October	163,210	6,175	252	2	16
39	November	162,794	7,646	250	16	8
40	December	178,420	9,410	258	3	17
41	TOTAL	2,023,869	124,849			

Name of Respondent	This Report Is:	Date of Report	Year of Report
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STEAM-ELECTRIC GENERATION PLANT STATISTICS (Large Plants)

1. Report data for Plant in Service only.
2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more, and nuclear plants.
3. Indicate by footnote any plant leased or operated as a joint facility.
4. If net peak demand for 60 minutes is not available, give data which is available, specifying period.
5. If any employees attend more than one plant, report on line 11 the approximate number of employees assignable to each plant.
6. If gas is used and purchased on a therm basis, report the Btu content of the gas and the quantity of fuel burned converted to Mcf.
7. Quantities of fuel burned (line 38) and average cost per unit of fuel burned (line 41) must be consistent with charges to expense accounts 501 and 547 (line 42) as shown on line 21.
8. If more than one fuel is burned in a plant, furnish only the composite heat rate for all fuels burned.
9. Items under Cost of Plant are based on U.S. of A. accounts. Production expenses do not include Purchased Power, System

Line No.	Item (a)	Plant Name Kuester (b)			Plant Name Mihm (c)		
1	Kind of plant (steam, int. combustion. Gas turbine or nuclear			Combustion			Combustion
2	Plant Constrctn. Type (Conventional/Outdr. Boiler/Full Outdoor/Etc.)			Conventional			Conventional
3	Year originally constructed			2019			2019
4	Year last unit was installed			2019			2019
5	Total Installed cpcty. (max. generator name plate ratings in MW)			131.6			56.4
6	Net Peak Demand on Plant-MW (60 minutes)			132			57
7	Plant hours connected to load			6,534			6,300
8	Net continuous plant capability (megawatts)			132			57
9	When not limited by condenser water			0			0
10	When limited by condenser water			0			0
11	Average number of employees			1			1
12	Net generation, exclusive of plant use-KWh			490,463,000			207,891,000
13	Cost of plant: Land and Land Rights			527,100			1,594,838
14	Structures and Improvements			49,993,328			32,125,420
15	Equipment costs			114,694,883			65,601,919
16	Asset Retirement Costs			-			-
17	Total cost			**165,215,311**			**99,322,177**
18	Cost per KW of Installed capacity (line 5)			**1,255.4355**			**1,761.0315**
19	Production Expenses: Oper., Supv., & Engr.			183,308			98,234
20	Fuel			16,219,809			6,772,617
21	Coolants and Water (Nuclear Plants only)						
22	Steam expenses						
23	Steam from other sources						
24	Steam transferred (credit)						
25	Electric expenses			474,047			185,756
26	Misc. steam (or nuclear) power expenses			1,305,458			736,594
27	Rents						
28	Allowances						
29	Maintenance Supervision and Engineering			63,450			5,034
30	Maintenance of structures						
31	Maintenance of boiler (or reactor) plant						
32	Maintenance of electric plant			3,887,208			1,522,286
33	Maintenance of Misc. steam (or nuclear) plant						
34	Total Production Expenses			**22,133,280**			**9,320,521**
35	Expenses per net KWh			**0.0451**			**0.0448**
36	Fuel: Kind (coal, gas, oil, or nuclear)	Coal	Oil	Gas	Coal	Oil	Gas
37	Unit: (coal-tons of 2,000 lb) (oil-barrels of 42 gals.) (Gas-Mcf) (Nuclear-indicate)	Tons	Barrels	Mcf	Tons	Barrels	Mcf
38	Quantity (units) of fuel burned			4,045,148			1,672,311
39	Avg. Heat cont. of fuel burned (Btu per lb. Of coal, per gal. of oil, or per Mcf of gas) (give unit if nuclear)			1,050			1,050
40	Avg. cost of fuel per unit, as delvrd. F.o.b. plant during year			0.000			0.000
41	Avg. cost of fuel per unit burned			4.0100			4.0500
42	Avg. cost of fuel burned per million Btu			3.817			3.8554
43	Avg. cost of fuel burned per KWh net gen.			0.067			0.0640
44	Avg. Btu per KWh net generation			8.509			8.413
	Additional Required information						
	Output at system peak			18.78			18.83
	Equivalent Availability Factor (EAF)			92.04			91.03

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	04/29/24	December 31, 2023

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS

1. Include on this page internal-combustion engine and gas-turbine plants of 10,000 kilowatts and more.
2. Report the information called for concerning plants and equipment at end of year. Show associated prime movers and generators on the same line.
3. Exclude from this page, plant, the book cost of which is included in Account 121, *Nonutility Property*.
4. Designate any plants or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the

Line No.	Name of Plant	Location of Plant	Prime Movers (*In Column (e), indicate basic cycle for gas-turbine as open or closed; indicate basic cycle for internal-combustion as 2 or 4.*)			
			Internal-Combustion or Gas-Turbine	Year Installed	Cycle	Belted or Direct Connected
	(a)	(b)	(c)	(d)	(e)	(f)
1	F.D. Kuester Generating Station	80 Eagle Mills Road Negaunee, MI 49866	Internal-Combustion	2019	4	Direct
2	A.J. Mihm Generating Station	16017 Sarya Road Pelkie, MI 49958	Internal-Combustion	2019	4	Direct
3						
4						
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6						
7						
8						
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INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS (Continued)

operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) as to such matters as percent of ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.
6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers *(Continued)*	Generators						Total Installed Generating Capacity	Line
Rated Hp of Unit (g)	Year Installed (h)	Voltage (i)	Phase (j)	Frequency of d.c. (k)	Name Plate Rating of Unit (In MW) (l)	No. of Units in Plant (m)	(Name Plate Ratings in Mw) (n)	No.
25,828	2019	13.8	3	60	18.8	7	131.6	1
25,828	2019	13.8	3	60	18.8	3	56.4	2
								3
								4
								5
								6
								7
								8
								9
								10
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of less than 10Mva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).
5. Show in columns (I), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

Line No.	Name and Location of Substation	Character of Substation	VOLTAGE (In Moa)		
			Primary	Secondary	Tertiary
	(a)	(b)	(c)	(d)	(e)
1	Aragon, Norway, MI	Distribution U	69.00	24.90	
2	Armory**, Kinsford, MI	Distribution U	69.00	13.80	
3	Bass Lake, Iron Mountain, MI	Distribution U	69.00	13.80	
4	Bay DeNoc, Menominee, MI	Distribution U	138.00	24.90	
5	Bruce Crossing**, Stannard, MI	Distribution U	69.00	13.80	
6	Cornell**, Cornell, MI	Distribution U	69.00	13.80	
7	Crystal Falls**, Crystal Falls, MI	Distribution U	24.90	12.47	
8	Crystal Falls**, Crystal Falls, MI	Distribution U	69.00	24.90	
9	Felch Mountain**, Felch, MI	Distribution U	69.00	24.90	
10	Greenstone, Humboldt, MI	Distribution U	138.00	24.90	
11	Harris, Harris, MI	Distribution U	69.00	24.90	
12	Ingalls, Mellen, MI	Distribution U	138.00	24.90	
13	Kuester, Negauness, MI	GenerationTrans-U	13.80	138.00	
14	Land O' Lakes** Watersmeet, MI	Distribution U	69.00	24.90	
15	Mass**, Greenland, MI	Distribution U	69.00	12.47	
16	Mihm, Pelkie, MI	GenerationTrans-U	13.80	138.00	
17	Powers**, Spalding, MI	Distribution U	69.00	24.90	
18	Sagola, Sagola, MI	Distribution U	69.00	24.90	
19	Second St, Menominee, MI	Distribution U	69.00	24.90	
20	Strawberry Hill, Iron River, MI	Distribution U	69.00	24.90	
21	Thirtieth Ave, Menominee, MI	Distribution U	69.00	24.90	
22	Watersmeet**, Watersmeet, MI	Distribution U	69.00	24.90	
23					
24		U=Unattended			
25					
26					
27	MVA Distrib (Listed-12 subs)>10 MVA subtotal				
28	MVA Distrib Subs (Listed-8 Subs)<10 MVA				
29	Total Distrib Substations (Listed 20 Subs)				
30	Total Generation Transmission (2 Listed Subs)				
31	Total Substations				
32					
33					
34					
35					
36					
37					
38					
39					
40					

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

SUBSTATIONS (Continued)

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In Mva) (f)	Number of Transformers in Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In Mva) (k)	
7	1					1
28	1					2
28	1					3
22	1					4
7	1					5
8	1					6
5	1					7
11	1					8
4	1					9
20	1					10
11	1					11
21	2					12
190	2					13
11	1					14
2	3					15
95	1					16
11	1					17
28	2					18
22	1					19
4	1					20
11	2					21
7	1					22
						23
						24
						25
						26
224	15					27
44	10					28
268	25					29
285	3					30
553	28					31
						32
						33
						34
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/29/2024	December 31, 2023

SUBSTATIONS - LOAD AT PEAK AND AVERAGE

Per Supplemental Request

Line No.	Name and Location of Substation (a)	2023 Peak MVA (b)	2023 Average MVA (c)
1	Aragon, Norway, MI	7.2	4.2
2	Armory**, Kinsford, MI	17.6	7.3
3	Bass Lake, Iron Mountain, MI	16.7	9.4
4	Bay DeNoc (Menominee)	7.3	2.7
5	Bruce Crossing**, Stannard, MI	3.2	2.1
6	Cornell**, Cornell, MI	2.4	1.7
7	Crystal Falls**, Crystal Falls, MI	6.6	3.7
8	Felch Mountain**, Felch, MI	1.6	
9	Greenstone, Humboldt, MI	2.6	1.7
10	Harris, Harris, MI	6.5	3.5
11	Ingalls (Mellen)	9.1	5.2
12	Land O' Lakes** Watersmeet, MI	6.3	
13	Mass**, Greenland, MI	0.67	0.40
14	Powers**, Spalding, MI	6.4	3.9
15	Sagola, Sagola, MI	9.3	3.8
16	Second St (Menominee)	7.9	3.0
17	Strawberry Hill, Iron River, MI	4.1	2.3
18	Thirtieth Ave (Menominee)	9.7	6.4
19	Watersmeet**, Watersmeet, MI	2.1	
20			
21			
22			
23			
24			
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/29/24	December 31, 2023

ELECTRIC DISTRIBUTION METERS AND LINE TRANSFORMERS

1. Report below the information called for concerning distribution watt-hour meters and line transformers.
2. Include watt-hour demand distribution meters, but not external demand meters.
3. Show in a footnote the number of distribution watt-hour meters or line transformers held by the respondent under lease from others, jointly owned with others, or held otherwise than by reason of sole ownership by the respondent. If 500 or more meters or line transformers are held under a lease, give name of lessor, date and period of lease, and annual rent. If 500 or more meters or line transformers are held other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of accounting for expenses between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Item	Number of Watt-Hours Meters	LINE TRANSFORMERS	
			Number	Total Capacity (In Mva)
	(a)	(b)	(c)	(d)
1	Number at Beginning of Year	38,271	20,811	5,544
2	Additions During Year			
3	Purchases	28,745	150	7
4	Associated with Utility Plant Acquired	71	9	3
5	TOTAL Additions (Enter Total of lines 3 and 4)	**28,816**	**159**	**10**
6	Reductions During Year			
7	Retirements	28,547	202	7
8	Associated with Utility Plant Sold			
9	TOTAL Reductions (Enter Total of lines 7 and 8)	**28,547**	**202**	**7**
10	Number at End of Year (Lines 1+ 5 - 9) *	**38,540**	**20,768**	**5,547**
11	In Stock	132	128	12
12	Locked Meters on Customers' Premises			
13	Inactive Transformers on System		4	
14	In Customers' Use	38,408	20,622	5,533
15	In Company's Use		14	2
16	Total End of Year (Enter Total of lines 11 to 15. This line should equal line 10)	**38,540**	**20,768**	**5,547**

* One distribution watt-hour meter is leased and twenty-three distribution watt-hour meters are on loan.

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Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/29/2024	December 31, 2023

ENVIRONMENTAL PROTECTION FACILITIES

1. For purposes of this response, environmental protection facilities shall be defined as any building, structure, equipment, facility or, improvement designed and constructed solely for control, reduction, prevention or abatement of discharges or releases into the environment of gaseous, liquid, or solid substances, heat, noise or for the control, reduction, prevention, or abatement of any other adverse impact of an activity on the environment.

2. Report the differences in cost of facilities installed for environmental considerations over the cost of alternative facilities which would otherwise be used without environmental considerations. Use the best engineering design achievable without environmental restrictions as the basis for determining costs without environmental considerations. It is not intended that special design studies be made for purposes of this response. Base the response on the best engineering judgment where direct comparisons are not available.
Include in these differences in costs the costs or estimated costs of environmental protection facilities in service, constructed or modified in connection with the production, transmission, and distribution of electrical energy and shall be reported herein for all such environmental facilities placed in service on or after January 1, 1969, so long as it is readily determinable that such facilities were constructed or modified for environmental rather than operational purposes. Also report similar expenditures for environmental plant included in construction work in progress. Estimate the cost of facilities when the original cost is not available or facilities are jointly owned with another utility, provided the respondent explains the basis of such estimations.
Examples of these costs would include a portion of the costs of tall smokestacks, underground lines, and landscaped substations. Explain such costs in a footnote.

3. In the cost of facilities reported on this page, include an estimated portion of the cost of plant that is or will be used to provide power to operate associated environmental protection facilities. These cost may be estimated on a percentage of plant basis. Explain such estimations in a footnote.

4. Report all costs under the major classifications provided below and include, as a minimum, the items listed hereunder:
A. Air pollution control facilities:
(1) Scrubbers, precipitators, tall smokestacks, etc.
(2) Changes necessary to accommodate use of environmentally clean fuels such as low ash or low sulfur fuels including storage and handling equipment.
(3) Monitoring equipment
(4) Other.

B. Water pollution control facilities:
(1) Cooling towers, ponds, piping, pumps, etc.
(2) Waste water treatment equipment
(3) Sanitary waste disposal equipment
(4) Oil interceptors
(5) Sediment control facilities
(6) Monitoring equipment
(7) Other.

C. Solid waste disposal costs:
(1) Ash handling and disposal equipment
(2) Land
(3) Settling ponds
(4) Other.

D. Noise abatement equipment:
(1) Structures
(2) Mufflers
(3) Sound proofing equipment
(4) Monitoring equipment
(5) Other.

E. Esthetic costs:
(1) Architectural costs
(2) Towers
(3) Underground lines
(4) Landscaping
(5) Other.

F. Additional plant capacity necessary due to restricted output from existing facilities, or addition of pollution control facilities.

G. Miscellaneous:
(1) Preparation of environmental reports
(2) Fish and wildlife plants included in Accounts 330, 331, 332, and 335
(3) Parks and related facilities
(4) Other.

5. In those instances when costs are composites of both actual supportable costs and estimates of costs, specify in column (f) the actual costs that are included in column (e).

6. Report construction work in progress relating to environmental facilities at line 9.

Line No.	Classification of Cost (a)	Additions (b)	Retirements (c)	Adjustments (d)	Balance at End of Year (e)	Actual Cost (f)
1	Air Pollution Control Facilities				25,258,655	
2	Water Pollution Control Facilities				1,522,797	
3	Solid Waste Disposal Costs					
4	Noise Abatement Equipment				2,353,177	
5	Esthetic Costs					
6	Additional Plant Capacity					
7	Miscellaneous *(Identify significant)*					
8	**TOTAL *(Total of lines 1 thru 7)***	0	0	0	29,134,629	0
9	Construction work in progress					

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ENVIRONMENTAL PROTECTION EXPENSES

1. Show below expenses incurred in connection with the use of environmental protection facilities, the cost of which are reported on page 430. Where it is necessary that allocations and/or estimates of costs be made, state the basis or method used.
2. Include below the costs incurred due to the operation of environmental protection equipment, facilities, and programs.
3. Report expenses under the subheadings listed below.
4. Under item 6 report the difference in cost between environmentally clean fuels and the alternative fuels that would otherwise be used and are available for use.
5. Under item 7 include the cost of replacement power, purchased or generated, to compensate for the deficiency in output from existing plants due to the addition of pollution control equipment, use of alternate environmentally preferable fuels or environmental regulations of governmental bodies. Base the price of replacement power purchased on the average system price of purchased power if the actual cost of such replacement power is not known. Price internally generated replacement power at the system average cost of power generated if the actual cost of specific replacement generation is not known.
6. Under item 8 include ad valorem and other taxes assessed directly on or directly relatable to environmental facilities. Also include under item 8 licensing and similar fees on such facilities.
7. In those instances where expenses are composed of both actual supportable data and estimates of costs, specify in column (c) the actual expenses that are included in column (b).

Line No.	Classification of Expenses (a)	Amount (b)	Actual Expenses (c)
1	Depreciation		970,183
2	Labor, Maintenance, Materials, and Supplies Cost Related to Env. Facilities and Programs		
3	Fuel Related Costs		
4	Operation of Facilities		
5	Fly Ash and Sulfur Sludge Removal		
6	Difference in Cost of Environmentally Clean Fuels		
7	Replacement Power Costs		
8	Taxes and Fees		
9	Administrative and General		
10	Other *(Identify significant)*		
11	TOTAL	0	970,183

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RENEWABLE ENERGY RESOURCE EXPENSES

1. Show below expenses incurred in connection with the use of renewable energy resources, the cost of which are reported on page 432. Where it is necessary that allocations and/or estimates of costs be made, state the basis or method used.
2. Include below the costs incurred due to the operation of renewable energy equipment, facilities, and programs.
3. Item 6 subject to MCL460.1047(3)
4. Under item 7 include ad valorem and other taxes assessed directly on or directly relatable to environmental facilities. Also include under item 7 licensing and similar fees on such facilities.
6. In those instances where expenses are composed of both actual supportable data and estimates of costs, specify in column (c) the actual expenses that are included in column (b).

Line No.	Classification of Expenses (a)	Amount (b)	Actual Expenses (c)
1	Depreciation		
2	Labor, Maintenance, Materials, and Supplies Cost Related to Renewable Energy Resources		
3	Financing Costs		
4	Ancillary to ensure Quality/Reliability		
5	Renewable Energy Credits	204,516	
6	Interest on Regulatory Liability (asset)	15,927	
7	Taxes and Fees (include credits)		
8	Administrative and General		
9	Other *(Identify)*		
10	TOTAL	220,443	

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