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, 2022

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: Scott J. Maas **Title:** Controller - Corporate Services

Address: 2830 South Ashland Avenue

City: Green Bay **State:** WI **Zip:** 54304

Telephone, Including Area Code: (920) 433-1421

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 of
Upper Michigan Energy Resources Corporation:

Opinion

We have audited the accompanying financial statements of Upper Michigan Energy Resources Corporation (the "Company"), which comprise the balance sheet – regulatory basis as of December 31, 2022, 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 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, 2022, 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 of 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 these 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 28, 2023

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, 2022
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 Scott J. Maas	06 Title of Contact Person Controller - Corporate Services	
07 Address of Contact Person (Street, City, St., Zip) 2830 South Ashland Avenue, Green Bay, Wisconsin 54304		
08 Telephone of Contact Person, Including Area Code: (920) 433-1421	09 This Report is: (1) [X] An Original (2) [ ] A Resubmission	10 Date of Report (Mo, Da,Yr) April 28, 2023

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 28, 2023
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) 4/28/2023	December 31, 2022

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) 4/28/2023	December 31, 2022

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) 4/28/2023	December 31, 2022

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	
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) 4/28/2023	December 31, 2022

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) 4/28/2023	December 31, 2022

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) 4/28/2023	December 31, 2022

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 contro 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.

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

2. Associated companies include:

American Transmission Company LLC
ATC Development Manager, Inc.
ATC Holdco LLC
ATC Holding LLC
ATC Management Inc.
BGS Kimball Gas Storage, LLC
Bishop Hill Energy III Holdings LLC
Bishop Hill Energy III LLC
Bishop Hill Interconnection LLC
Blooming Grove Wind Energy Center LLC
Blooming Grove Wind Energy Center Holdings LLC
Bluewater Gas Storage, LLC
Bluewater National Gas Holding, LLC
Coyote Ridge Wind, LLC
Elm Road Generating Station Supercritical, LLC
Elm Road Services, LLC
Integrys Holding, Inc.
Jayhawk Renewables, LLC
Jayhawk Wind, LLC
Michigan Gas Utilities Corporation
Minnesota Energy Resources Corporation
North Shore Gas Company
Peoples Energy, LLC
Peoples Energy Neighborhood Development, LLC
Peoples Energy Ventures, LLC
Peoples Gas Neighborhood Development Corp.
Peoples Technology, LLC
PERC Holdings
Port Washington Generating Station, LLC
SSS Holdings, LLC
State Energy Services, LLC
Tatanka Ridge Wind, LLC
The Peoples Gas Light and Coke Company
Thunderhead Wind Energy Holdings LLC
Thunderhead Wind Energy LLC
Upstream Wind Energy Holdings LLC
Upstream Wind Energy LLC
W.E. Power, LLC
WEC Business Services LLC
WEC Infrastructure LLC
WEC Infrastructure Wind Holding I LLC
WEC Infrastructure Wind Holding II LLC
WEC Investments, LLC
We Energies Foundation, Inc.
WEPCo Environmental Trust Finance I, LLC
Wisconsin Electric Power Company
Wisconsin Energy Capital Corporation
Wisconsin Energy Services, LLC
Wisconsin Gas LLC
Wisconsin Public Service Corporation
Wisconsin Public Service Foundation, Inc.
Wisconsin River Power Company
Wisconsin Valley Improvement Company
Wispark LLC
Wisvest LLC
WPS Community Foundation, Inc.
WPS Power Development, LLC
WPS Visions, 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) 4/28/2023	December 31, 2022

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.

3. WEC Energy Group, Inc. Subsidiaries (Exhibit 21.1 to the 2022 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
  - 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, 2022. 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) 4/28/2023	December 31, 2022

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	J. Kevin Fletcher (1) President	1,266	3,368	A	4,634
2	Scott J. Lauber (1) President	13,192	36,352	A	49,544
3	Scott J. Lauber (2) Executive Vice President	1,199	3,305	A	4,504
4	Xia Liu Executive Vice President and CFO	11,498	18,664	A	30,162
5	Anthony L. Reese Vice President and Treasurer	4,056	3,709	A	7,765
6	Margaret C. Kelsey Executive Vice President, General Counsel, and Corporate Secretary	7,125	10,860	A	17,985

Footnote Data

1 J. Kevin Fletcher, President, was succeeded by Scott J. Lauber effective February 1, 2022.

2 Scott J. Lauber served as Executive Vice President from January 1, 2022 through January 31, 2022.

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
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Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/28/2023	December 31, 2022

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	J. Kevin Fletcher (through January 31, 2022) President through January 31, 2022	231 West Michigan Street Milwaukee, WI 53203	2	None
2	Margaret C. Kelsey Executive Vice President, General Counsel, and Corporate Secretary	231 West Michigan Street Milwaukee, WI 53203	6	None
3	Scott J. Lauber Executive Vice President through January 31, 2022; President effective February 1, 2022	231 West Michigan Street Milwaukee, WI 53203	6	None
4	Xia Liu Executive Vice President and Chief Financial Officer	231 West Michigan Street Milwaukee, WI 53203	4	None
5	William Mastoris	231 West Michigan Street Milwaukee, WI 53203	6	None
6	Paul J. Spicer Senior Vice President - Power Generation effective March 16, 2022	231 West Michigan Street Milwaukee, WI 53203	6	None

Footnote Data

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) 4/28/2023	December 31, 2022

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, 2022.

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, 2022.

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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) 4/28/2023	December 31, 2022

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, 2022, UMERC had $27.1 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. **Director changes in 2022:**
   J. Kevin Fletcher retired as Director effective January 31, 2022.

   Officer changes in 2022:
   J. Kevin Fletcher retired as President effective January 31, 2022. Scott J. Lauber was promoted from Executive Vice President to President effective February 1, 2022.
   Paul J. Spicer was appointed Senior Vice President-Power Generation effective March 16, 2022.

14. Not applicable.

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/28/2023	Year of Report December 31, 2022

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	491,652,003	510,199,761
3	Construction Work in Progress (107)	200-201	4,174,655	1,132,451
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		495,826,658	511,332,212
5	(Less) Accum Prov for Depr Amort Depl (108, 110, 111, 115)	200-201	108,380,969	117,717,837
6	Net Utility Plant (Enter total of line 4 less 5)		387,445,689	393,614,375
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)		387,445,689	393,614,375
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)	---	398,960	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	14,690,341	19,836,612
41	Other Accounts Receivable (143)	226A	207,087	1,266,665
42	(Less) Accum. Prov. for Uncoll. Acct.-Credit (144)	226A	2,498,618	2,296,849
43	Notes Receivable from Assoc. Companies (145)	226B		
44	Accounts Receivable from Assoc. Companies (146)	226B	18,418,173	14,277,652
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	3,427,221	3,828,654
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) 4/28/2023	Year of Report December 31, 2022

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)	---	475,177	491,487
58	Advances for Gas (166-167)	---		
59	Interest and Dividends Receivable (171)	---		
60	Rents Receivable (172)	---		
61	Accrued Utility Revenues (173)	---	11,545,226	12,777,032
62	Misc Current and Accrued Assets (174)		8,628,843	6,873,482
63	Derivative Instrument Assets (175)		2,158	822,874
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)		55,309,568	57,892,609
68	**DEFERRED DEBITS**			
69	Unamortized Debt Expenses (181)	---	974,714	847,578
70	Extraordinary Property Losses (182.1)	230		
71	Unrecovered Plant & Regulatory Study Costs (182.2)	230	12,896,826	12,692,528
72	Other Regulatory Assets (182.3)	232	8,728,038	8,058,910
73	Prelim. Survey & Invest. Charges (Elec) (183)	231	22,836	12,073
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	21,893	708,304
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	5,583,859	5,673,543
83	Unrecovered Purchased Gas Costs (191)	---		
84	TOTAL Deferred Debits (Enter total of lines 69 thru 83)		28,228,166	27,992,936
85	TOTAL Assets and Other Debits (Enter total of lines 14 thru 16, 32, 67, and 84)		470,983,423	479,499,920

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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 12/31/2020 $ 10,000 Plus: Renewable energy credits purchased - system 5,000 Ending Balance 12/31/2021 $ 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) 4/28/2023	Year of Report December 31, 2022

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	23,956,615	22,216,978
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)		193,382,411	191,642,774
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)		9,662,338	12,848,912
39	Notes Payable to Associated Companies (233)		22,000,000	27,100,000
40	Accounts Payable to Associated Companies (234)		12,943,827	8,491,522
41	Customer Deposits (235)		220	
42	Taxes Accrued (236)	262-263	6,632,062	6,127,071
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) 4/28/2023	December 31, 2022

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)		95,436	126,606
48	Misc. Current and Accrued Liabilities (242)		950,777	2,133,779
49	Obligations Under Capital Leases - Current (243)			
50	Derivative Instrument Liabilities (244)		45,000	
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)		54,111,793	58,610,023
59	**DEFERRED CREDITS**			
60	Customer Advances for Construction (252)		205,888	259,012
61	Accumulated Deferred Investment Tax Credits (255)			
62	Deferred Gains from Disposition of Utility Plt. (256)			
63	Other Deferred Credits (253)		462,500	737,500
64	Other Regulatory Liabilities (254)		17,022,012	17,779,731
65	Unamortized Gain on Reacquired Debt (257)			
66	Accumulated Deferred Income Taxes - Accelerated Amort. (281)			
67	Accumulated Deferred Income Taxes - Other Property (282)		38,029,454	42,600,076
68	Accumulated Deferred Income Taxes - Other (283)		7,769,365	7,870,804
69	TOTAL Deferred Credits (Enter Total of lines 60 thru 68)		63,489,219	69,247,123
70	TOTAL Liabilities and Other Credits (Enter total of lines 16, 24, 35, 58 and 69)		470,983,423	479,499,920

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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) 4/28/2023	December 31, 2022

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	206,357,282	179,534,926
3	Operating Expenses			
4	Operation Expenses (401)	320-323	148,051,881	119,307,663
5	Maintenance Expenses (402)	320-323	8,637,679	7,209,962
6	Depreciation Expenses (403)	336-337	14,696,836	14,175,467
7	Depreciation Expense for Asset Retirement Costs (403.1)			
8	Amortization & Depl. Of Utility Plant (404-405)	336-337	286,361	210,640
9	Amortization Of Utility Plant Acq. Adj. (406)	336-337		
10	Amort. Of Property Losses, Unrecovered Plant and Regulatory Study Costs (407)		407,392	373,776
11	Amort. Of Conversion Expenses (407.2)			
12	Regulatory Debits (407.3)		527,311	539,372
13	(Less) Regulatory Credits (407.4)		7,560	7,560
14	Taxes Other Than Income Taxes (408.1)	262-263	7,105,352	6,451,276
15	Income Taxes - Federal (409.1)	262-263	875,436	596,693
16	Income Taxes - Other (409.1)	262-263	42,218	(50,154)
17	Provision for Deferred Income Taxes (410.1)	234,272-276	8,818,987	8,322,605
18	(Less) Provision for Deferred Income Taxes Cr. (411.1)	234,272-276	4,452,456	2,476,481
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)*		184,989,437	154,653,259
26	Net Utility Operating Income *(Enter Total of line 2 less 25)* (Carry forward to page 117, line 27)		21,367,845	24,881,667

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) 4/28/2023	December 31, 2022

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
200,703,606	174,946,244	5,653,676	4,588,682			2
						3
143,241,617	115,632,419	4,810,264	3,675,244			4
8,557,785	7,170,499	79,894	39,463			5
14,437,459	13,921,499	259,377	253,968			6
						7
267,186	194,724	19,175	15,916			8
						9
407,392	373,776					10
						11
527,311	539,372					12
7,560	7,560					13
6,095,439	5,543,812	1,009,913	907,464			14
1,117,399	814,414	(241,963)	(217,721)			15
124,876	22,150	(82,658)	(72,304)			16
8,350,813	7,946,186	468,174	376,419			17
4,173,937	2,312,018	278,519	164,463			18
						19
						20
						21
						22
						23
						24
178,945,780	149,839,273	6,043,657	4,813,986	0	0	25
21,757,826	25,106,971	(389,981)	(225,304)	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	4/28/2023	December 31, 2022

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)		21,367,845	24,881,667
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	
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	125,554	120,351
39	Miscellaneous Nonoperating Income (421)	282	(25,110)	1,139
40	Gain on Disposition of Property (421.1)	280		203
41	TOTAL Other Income *(Enter Total of lines 31 thru 40)*		100,544	121,693
42	Other Income Deductions			
43	Loss on Disposition of Property (421.2)	280	9,957	8,470
44	Miscellaneous Amortization (425)	340		
45	Donations (426.1)			
46	Life Insurance (426.2)			
47	Penalties (426.3)		1	1,978
48	Expenditures for Certain Civic, Political, and Related Activities (426.4)		11,664	12,960
49	Other Deductions (426.5)		8,261	5,823
50	TOTAL Other Income Deductions *(Total of lines 43 thru 49)*		29,883	29,231
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	142,625	162,238
54	Income Taxes - Other (409.2)	262-263	43,351	49,313
55	Provision for Deferred Income Taxes (410.2)	234,272-276	4,980	203,244
56	(Less) Provision for Deferred Income Taxes - Cr. (411.2)	234,272-276	106,700	362,879
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)*		84,256	51,916
60	Net Other Income and Deductions *(Total of lines 41, 50 and 59)*		(13,595)	40,546
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	609,541	66,396
68	Other Interest Expense (431)	340	195,268	215,627
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr.(432)		54,059	51,819
70	Net Interest Charges *(Total of lines 62 thru 69)*		6,093,887	5,573,341
71	Income Before Extraordinary Items *(Total of lines 27, 60 and 70)*		15,260,363	19,348,872
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)*		15,260,363	19,348,872

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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) 4/28/2023	December 31, 2022

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	555,760	12,119
3	Account 281		
4	Account 282	5,181,898	450,591
5	Account 283	2,613,155	5,465
6	Account 284		
7	Reconciling Adjustments		
8	TOTAL Account 410.1 (on pages 114-115 line 17)	**8,350,813**	**468,175**
9	TOTAL Account 410.2 (on page 117 line 55)		
10	Credits to Account 411 from:		
11	Account 190	(716,398)	(41,361)
12	Account 281		
13	Account 282	(1,076,212)	(135,178)
14	Account 283	(2,381,328)	(101,980)
15	Account 284		
16	Reconciling Adjustments		
17	TOTAL Account 411.1 (on page 114-115 line 18)	**(4,173,938)**	**(278,519)**
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
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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
	567,879		567,879	2
	0		0	3
	5,632,489		5,632,489	4
	2,618,620	4,979	2,623,599	5
	0		0	6
	0		0	7
0	**8,818,988**			8
		4,979		9
				10
	(757,759)		(757,759)	11
	0		0	12
	(1,211,390)		(1,211,390)	13
	(2,483,308)	(106,700)	(2,590,008)	14
	0		0	15
	0		0	16
0	**(4,452,457)**			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) 4/28/2023	December 31, 2022

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		23,956,615
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)		15,260,363
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) 4/28/2023	December 31, 2022

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		(17,000,000)
31			
32			
33			
34			
35	TOTAL Dividends Declared - Common Stock (Account 438)		(17,000,000)
36	Transfers from Account 216.1, Unappropriated Undistributed Subsidiary Earnings		
37	Balance - End of Year *(Enter Total of lines 1 thru 36)*		22,216,978
	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)		22,216,978
	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) 4/28/2023	December 31, 2022

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)*	15,260,363
3	Noncash Charges (Credits) to Income:	
4	Depreciation and Depletion	14,696,836
5	Amortization of (Specify): Other	820,890
6		
7		
8	Deferred Income Taxes (Net)	4,264,811
9	Investment Tax Credit Adjustments (Net)	
10	Net (Increase) Decrease in Receivables	(2,267,096)
11	Net (Increase) Decrease in Inventory	(401,433)
12	Net (Increase) Decrease in Allowances Inventory	
13	Net Increase (Decrease) in Payables and Accrued Expenses	(1,451,961)
14	Net (Increase) Decrease in Other Regulatory Assets	324,216
15	Net Increase (Decrease) in Other Regulatory Liabilities	489,442
16	(Less) Allowance for Other Funds Used During Construction	125,554
17	(Less) Undistributed Earnings from Subsidiary Companies	
18	Other: Decrease (Increase) in Other Current Assets	507,244
19	Other: Increase in Other Current Liabilities	677,792
20	Other (provide details in footnote):	(420,710)
21		
22	Net Cash Provided by (Used in) Operating Activities *(Total of Lines 2 thru 20)*	32,374,840
23		
24	Cash Flows from Investment Activities:	
25	Construction and Acquisition of Plant (including land):	
26	Gross Additions to Utility Plants (less nuclear fuel)	(18,440,961)
27	Gross Additions to Nuclear Fuel	
28	Gross Additions to Common Utility Plant	(96,812)
29	Gross Additions to Nonutility Plant	
30	(Less) Allowance for Other Funds Used During Construction	(125,554)
31	Other: Allowance for Borrowed Funds Used During Construction	
32		
33		
34	Cash Outflows for Plant *(Total of lines 26 thru 33)*	(18,412,219)
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) 4/28/2023	December 31, 2022

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	(2,461,581)
54		
55		
56	Net Cash Provided by (Used in) Investment Activities	
57	*(Total of lines 34 thru 55)*	(20,873,800)
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)	5,100,000
67	Other:	
68		
69		
70	Cash Provided by Outside Sources *(Total of lines 61 thru 69)*	5,100,000
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	(17,000,000)
82	Net Cash Provided by (Used in) Financing Activities	
83	*(Total of lines 70 thru 81)*	(11,900,000)
84		
85	Net Increase (Decrease) in Cash and Cash Equivalents	
86	*(Total of lines 22, 57 and 83)*	(398,960)
87		
88	Cash and Cash Equivalents at Beginning of Year	398,960
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) 4/28/2023	December 31, 2022

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)		
120	5	b	Amortization of Other		
			Utility plant in service	$	286,361
			Property losses, unrecov plant and regulatory study costs		407,392
			Debt related		127,137
			TOTAL	$	820,890
120	20	b	Other Operating		
			Net change in other deferred assets and liabilities	$	(284,973)
			Other		(135,737)
			TOTAL	$	(420,710)
121	53	b	Other Investing		
			Cost of removal	$	(1,073,020)
			Customer advances for construction		53,125
			Property transfers		(1,326,010)
			Other		(115,676)
			TOTAL	$	(2,461,581)

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) 4/28/2023	December 31, 2022

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	
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
ASU	Accounting Standards Update
CWIP	Construction Work In Progress
FASB	Financial Accounting Standards Board
GAAP	Generally Accepted Accounting Principles

Environmental Terms	
CO_2	Carbon Dioxide
GHG	Greenhouse Gas
WOTUS	Waters of the United States

Measurements	
MWh	Megawatt-hour

Other Terms and Abbreviations	
AIA	Affiliated Interest Agreement
COVID-19	Coronavirus Disease – 2019
ESG Progress Plan	WEC Energy Group's Capital Investment Plan for Efficiency, Sustainability, and Growth for 2023-2027
FTR	Financial Transmission Right
MISO	Midcontinent Independent System Operator, Inc.
MISO Energy Markets	MISO Energy and Operating Reserves Market
PIPP	Presque Isle Power Plant
Supreme Court	United States Supreme Court
Tilden	Tilden Mining Company

UPPER MICHIGAN ENERGY RESOURCES CORPORATION
NOTES TO FINANCIAL STATEMENTS
December 31, 2022

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

Our accounting records are maintained as prescribed by the MPSC. The accompanying financial statements have been prepared in accordance with the accounting requirements of this regulator, 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 and MPSC 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)	**2022**	**2021**	**2022**	**2021**
GAAP [1]	$198.0	$174.3	$52.2	$45.4
Regulatory reporting adjustments:				
Netted energy transactions	8.4	5.2	8.4	5.2
Other	-	-	-	-
MPSC Form P-521	$206.4	$179.5	$60.6	$50.6

[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)	**2022**	**2021**	**2022**	**2021**
GAAP (See Note 5)	$18.3	$19.0	$33.3	$32.4
Regulatory reporting adjustments:				
Recognition of equity carrying cost for MPSC	2.5	2.6	-	-
Non-ARO cost of removal	-	-	(15.1)	(15.1)
ASU 2017-07 pension and postretirement non-service cost	-	-	(0.4)	(0.3)
MPSC Form P-521	$20.8	$21.6	$17.8	$17.0

The return on equity component for non-construction related expenditures allowed by a Commission is deferred as a regulatory asset in our FERC Form 1 and MPSC Form P-521 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)	**2022**	**2021**	**2022**	**2021**
GAAP (See Note 10)	$4.7	$4.7	$48.6	$43.9
Regulatory reporting adjustments:				
Netting differences	1.2	1.2	1.2	1.2
Recognition of equity carrying cost for MPSC	(0.2)	(0.3)	0.7	0.7
MPSC Form P-521	$5.7	$5.6	$50.5	$45.8

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)	**2022**	**2021**
GAAP (See Note 10)	$5.4	$6.5
Regulatory reporting adjustments:		
Recognition of equity carrying cost for MPSC	(0.1)	(0.1)
MPSC Form P-521	$5.3	$6.4

(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 MPSC Form P-521 is reported in accordance with the MPSC-issued accounting guidance. As such, in the MPSC Form P-521, interest and penalties on tax deficiencies are not reported as income tax expense. Additionally, GAAP allows netting of deferred tax assets and liabilities whereas MPSC 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 MPSC.

NOTE B—BASIS OF PRESENTATION

The accompanying financial statements have been prepared in accordance with the accounting requirements of the MPSC as set forth in the Uniform System of Accounts and accounting releases, which differ from GAAP. As required by the MPSC, we reclassify certain items in our MPSC Form P-521 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.

* Real-time and day-ahead RTO administered energy markets are 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 MPSC Form P-521 is reported in accordance with the MPSC-issued accounting guidance. As such, in the MPSC Form P-521, interest and penalties on tax deficiencies are not reported as income tax expense. Additionally, GAAP allows netting of deferred tax assets and liabilities whereas MPSC 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, 2022 up to March 29, 2023, the date the Company's U.S. GAAP financial statements were issued and has updated such evaluation for disclosure purposes through April 28, 2023. 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, 2022

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, who owns an iron ore mine in the Upper Peninsula of Michigan. See Note 1(q), Customer Concentrations of Credit Risk, for more information on Tilden.

(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. In addition, a limited number of 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.

Effective January 1, 2020, we adopted FASB ASU 2016-13, Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, using the modified retrospective transition method. This ASU amends the impairment model to utilize an expected loss methodology in place of the incurred loss methodology for financial instruments, including trade receivables. The amendment requires entities to consider a broader range of information to estimate expected credit losses, which may result in earlier recognition of loss. The cumulative effect of adopting this standard was not significant to our financial statements.

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 3.01%, 2.94%, and 2.97% in 2022, 2021, and 2020, 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 2022, 2021, and 2020.

(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.

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, 2022 and 2021, we had not recorded any right of use assets and lease liabilities on our balance sheets.

As of March 29, 2023, 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. See Note 10, Income Taxes, for more information.

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

(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.

(q) Customer Concentrations of Credit Risk—The geographic concentration of our customers did not contribute significantly to our overall exposure to credit risk. We periodically review customers' credit ratings, financial statements, and historical payment performance and require them to provide collateral or other security as needed. We had one customer that exceeded 10% of our total revenues. Tilden, which owns an iron ore mine in the Upper Peninsula of Michigan, represents approximately $99 million, $85 million, and $58 million of our total revenues for the years ended December 31, 2022, 2021 and 2020, respectively.

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 December 31, 2022 and 2021, our balance sheets included $1.3 million and $1.1 million, respectively, 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)	2022	2021	2020
Transactions with WE			
Charges from WE for services and other items [1]	**$ 13.7**	$ 10.5	$ 9.8
Transactions with WPS			
Natural gas related purchases from WPS [2]	**4.0**	2.6	2.0
Charges from WPS for services and other items [1]	**3.7**	3.1	4.4
Transactions with WBS			
Charges from WBS for services and other items [1]	**3.2**	3.2	2.7
Transactions with ATC			
Charges from ATC for network transmission services	**14.9**	13.6	13.7
Transactions with Parent			
Interest expense on short-term debt [3]	**0.6**	0.1	0.2

[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. Electric and natural gas revenues are further disaggregated 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)	**2022**	**2021**	**2020**
Upper Michigan Energy Resources Corporation			
Electric utility	**$ 191.8**	$ 169.0	$ 129.4
Natural gas utility	**5.6**	4.5	3.3
Total revenues from contracts with customers	**197.4**	173.5	132.7
Other operating revenues [(1)]	**0.6**	0.8	0.3
Total operating revenues	**$ 198.0**	$ 174.3	$ 133.0

[(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)	**2022**	**2021**	**2020**
Residential	**$ 42.3**	$ 38.3	$ 34.7
Small commercial and industrial	**22.3**	20.3	17.2
Large commercial and industrial	**119.8**	106.7	74.2
Other	**0.7**	0.7	0.7
Total retail revenues	**185.1**	166.0	126.8
Resale	**5.1**	2.3	2.4
Other utility revenues	**1.6**	0.7	0.2
Total electric utility operating revenues	**$ 191.8**	$ 169.0	$ 129.4

Natural Gas Utility Operating Revenues

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

	Year Ended December 31		
(in millions)	**2022**	**2021**	**2020**
Residential	**$ 3.9**	$ 2.5	$ 2.1
Commercial and industrial	**1.8**	1.2	0.9
Total retail revenues	**5.7**	3.7	3.0
Transportation	**0.4**	0.4	0.4
Other utility revenues [(1)]	**(0.5)**	0.4	(0.1)
Total natural gas utility operating revenues	**$ 5.6**	$ 4.5	$ 3.3

(1) Includes the revenues subject to our purchased gas recovery mechanism. As these amounts are billed to customers, they are reflected in retail revenues with an offsetting decrease in other utility revenues.

NOTE 4—CREDIT LOSSES

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

(in millions)	December 31, 2022	December 31, 2021
Accounts receivable and unbilled revenues	**$ 33.9**	$ 26.4
Allowance for credit losses	**2.3**	2.5
Accounts receivable and unbilled revenues, net	**$ 31.6**	$ 23.9
Total accounts receivable, net – past due greater than 90 days	**$ 1.1**	$ 1.1

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

	Year Ended December 31		
(in millions)	2022	2021	2020
Balance at January 1	**$ 2.5**	$ 1.4	$ 0.7
Provision for credit losses	**0.9**	1.8	1.1
Write-offs charged against the allowance	**(1.3)**	(0.8)	(0.6)
Recoveries of amounts previously written off	**0.2**	0.1	0.2
Balance at December 31	**$ 2.3**	$ 2.5	$ 1.4

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 high energy costs that customers are seeing, which have been 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 COVID-19 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.

The allowance for credit losses increased during the year ended December 31, 2020, driven by higher past due accounts receivable balances, primarily related to our residential customers. This increase in accounts receivable balances in arrears was driven by economic disruptions caused by the COVID-19 pandemic, including higher unemployment rates. Also, as a result of the COVID-19 pandemic and related regulatory orders we have received, we did not disconnect any of our residential customers during the year ended December 31, 2020.

NOTE 5—REGULATORY ASSETS AND LIABILITIES

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

(in millions)	2022	2021	See Note
Regulatory assets [1] [2]			
Plant retirements	**$ 12.8**	$ 13.0	
Energy costs recoverable through rate adjustments	**6.6**	8.6	1(d)
Acquisition of the Fox Energy Center by WPS [3]	**2.9**	2.4	
Other, net	**2.6**	3.6	
Total regulatory assets	**$ 24.9**	$ 27.6	
Balance sheet presentation			
Amounts recoverable from customers	**$ 6.6**	$ 8.6	
Regulatory assets	**18.3**	19.0	
Total regulatory assets	**$ 24.9**	$ 27.6	

[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 $2.5 million and $2.7 million at December 31, 2022 and 2021, respectively.

[2] As of December 31, 2022, we had $0.1 million of regulatory assets not earning a return and $6.6 million of regulatory assets earning a return based on short-term interest rates. The other regulatory assets in the table 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)	2022	2021	See Note
Regulatory liabilities			
Income tax related items	**$ 15.8**	$ 15.9	10
Removal costs [1]	**15.1**	15.1	
Other, net	**2.8**	1.4	
Total regulatory liabilities	**$ 33.7**	$ 32.4	
Balance sheet presentation			
Other current liabilities	**$ 0.4**	$ —	
Regulatory liabilities	**33.3**	32.4	
Total regulatory liabilities	**$ 33.7**	$ 32.4	

[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 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 $3.1 million at December 31, 2022. 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)	2022	2021
Electric – generation	**$ 263.9**	$ 262.5
Electric – distribution	**225.9**	212.6
Natural gas – distribution, storage, and transmission	**13.5**	13.0
Other utility property, plant, and equipment	**7.3**	3.8
Less: Accumulated depreciation	**102.7**	93.3
Net	**407.9**	398.6
CWIP	**1.2**	4.2
Total property, plant, and equipment	**$ 409.1**	$ 402.8

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, 2022, 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)	2022	2021
Short-term debt to parent:		
Amount outstanding at December 31	**$ 27.1**	$ 22.0
Weighted-average interest rate on amounts outstanding at December 31	**4.70%**	0.35%

Our average amount of short-term borrowings based on daily outstanding balances during 2022 was $30.4 million with a weighted-average interest rate during the period of 1.95%.

(in millions)	December 31, 2022
Revolving short-term notes payable to parent	**$ 80.0**
Less:	
Short-term debt to parent outstanding	**27.1**
Available capacity under existing agreement	**$ 52.9**

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)			2022	2021
Long-term debt	**Interest Rate**	**Year Due**		
Senior Notes (unsecured)	3.26%	2029	**$ 160.0**	$ 160.0
Unamortized debt issuance costs			**(0.9)**	(1.0)
Total long-term debt			**$ 159.1**	$ 159.0

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, 2022:

(in millions)	Payments
2023	$ —
2024	—
2025	—
2026	—
2027	—
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, 2022, 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)	2022	2021	2020
Current tax expense	**$ 1.1**	$ 0.7	$ 3.2
Deferred income taxes, net	**4.3**	5.8	3.8
Total income tax expense	**$ 5.4**	$ 6.5	$ 7.0

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:

	2022		2021		2020	
(in millions)	Amount	Effective Tax Rate	Amount	Effective Tax Rate	Amount	Effective Tax Rate
Statutory federal income tax	**$ 4.4**	**21.0 %**	$ 5.5	21.0 %	$ 5.9	21.0 %
State income taxes net of federal tax benefit	**1.0**	**4.9 %**	1.3	4.8 %	1.3	4.8 %
Federal excess deferred tax amortization [1]	**(0.3)**	**(1.4)%**	(0.3)	(0.7)%	(0.3)	(1.1)%
Other, net	**0.3**	**1.5 %**	—	— %	0.1	0.3 %
Total income tax expense	**$ 5.4**	**26.0 %**	$ 6.5	25.1 %	$ 7.0	25.0 %

[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)	2022	2021
Deferred tax assets		
Tax gross up-regulatory items	**$ 3.0**	$ 3.1
Other	**1.7**	1.6
Total deferred tax assets	**$ 4.7**	$ 4.7
Deferred tax liabilities		
Property-related	**$ 42.6**	$ 38.0
Deferred costs – plant retirement	**3.3**	3.3
Regulatory deferrals	**0.9**	1.1
Other	**1.8**	1.5
Total deferred tax liabilities	**48.6**	43.9
Deferred tax liability, net	**$ 43.9**	$ 39.2

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, 2022 and 2021, 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, 2022 and 2021.

We do not expect any unrecognized tax benefits to affect our effective tax rate in periods after December 31, 2022.

For the years ended December 31, 2022, 2021, and 2020, we had no interest expense or penalties related to unrecognized tax benefits in our income statements. At December 31, 2022 and 2021, 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, 2022, we were no longer subject to examination by the United States Internal Revenue Service for tax years prior to 2019. At December 31, 2022, we were subject to examination by the Michigan taxing authority for tax years 2018 through 2022.

NOTE 11—FAIR VALUE MEASUREMENTS

The following table summarizes our financial assets that were accounted for at fair value on a recurring basis at December 31, 2022, categorized by level within the fair value hierarchy. At December 31, 2021, our financial assets accounted for at fair value on a recurring basis were not significant. We did not have any liabilities accounted for at fair value at December 31, 2022 and 2021.

	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 listed in the table 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)	**2022**	**2021**	**2020**
Balance at the beginning of the period	**$ —**	$ 0.1	$ 0.2
Purchases	**1.5**	—	0.3
Settlements	**(1.1)**	(0.1)	(0.4)
Balance at the end of the period	**$ 0.4**	$ —	$ 0.1

NOTE 12—DERIVATIVE INSTRUMENTS

Derivative assets are included in the other current assets line item on our balance sheets. The following table shows our derivative assets at December 31, 2022. Our derivative assets were not significant at December 31, 2021, and we did not have any derivative liabilities at December 31, 2022 and 2021. None of the derivatives shown below were designated as hedging instruments.

	Derivative Assets
(in millions)	**December 31, 2022**
Current	
Natural gas contracts	**$ 0.4**
FTRs	**0.4**
Total current	**$ 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 cost recovery mechanism. Our estimated notional sales volumes and realized gains were as follows for the years ended:

	December 31, 2022		December 31, 2021		December 31, 2020	
(in millions)	**Volumes**	**Gains**	**Volumes**	**Gains**	**Volumes**	**Gains**
FTRs	**0.4 MWh**	**$ 0.4**	0.3 MWh	$ 0.4	0.6 MWh	$ 0.2

At December 31, 2022 and 2021, 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, 2022.

			Payments Due By Period					
(in millions)	Date Contracts Extend Through	Total Amounts Committed	2023	2024	2025	2026	2027	Later Years
Natural gas supply and transportation	2039	$ 73.4	$ 4.6	$ 4.6	$ 4.3	$ 4.3	$ 4.3	$ 51.3

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 former manufactured gas plant sites.

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

- 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

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. Through its ESG Progress Plan, WEC Energy Group expects to retire approximately 1,600 megawatts of additional fossil-fueled generation by the end of 2026. 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 net-zero CO_2 emissions 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 systems.

We are required to report our CO_2 equivalent emissions from the electric generating facilities we operate under the EPA Greenhouse Gases Reporting Program. Based upon our preliminary analysis of the data, we estimate that we will report CO_2 equivalent emissions

of approximately 0.4 million metric tonnes to the EPA for 2022. The level of CO_2 and other GHG emissions varies from year to year and is dependent on the level of electric generation, the availability of the generating units, the unit cost of fuel consumed, and how our units are dispatched by MISO.

We are also required to report CO_2 equivalent emissions related to the natural gas that our natural gas operations distribute and sell. Based upon our preliminary analysis of the data, we estimate that we will report CO_2 equivalent emissions of approximately 0.1 million metric tonnes to the EPA for 2022.

Water Quality

Waters of the United States

In January 2023, the EPA and the United States Army Corps of Engineers together released a final rule revising the definition of WOTUS, effective March 20, 2023. The final rule states that it is based on the pre-2015 definition of "waters of the United States." The pre-2015 approach involves applying factors established through case law and agency precedents to determine whether a wetland or surface drainage feature is subject to federal jurisdiction.

The recent rulemaking could be affected by a significant pending Supreme Court case involving WOTUS determination. In January 2022, the Supreme Court granted certiorari in a case, *Sackett v. Environmental Protection Agency*, to evaluate the proper test for determining whether wetlands are WOTUS. A decision by the Supreme Court is expected in spring 2023.

At this point, our projects requiring federal permits are moving ahead, but we are monitoring these recent developments to better understand potential future impacts. The *Sackett* case, once decided, should provide some clarity regarding the definition of WOTUS. We will continue to monitor this litigation and any subsequent agency action.

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. We expect the MPSC to allow us to recover incurred costs, net of insurance recoveries and recoveries from potentially responsible parties, associated with the remediation of the manufactured gas plant site. Accordingly, we have established a regulatory asset for costs associated with this site.

We have established the following regulatory asset related to our manufactured gas plant site as of December 31:

(in millions)	**2022**	**2021**
Regulatory asset	**$ 0.1**	$ 0.1

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, 2022. 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.

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)	**2022**	**2021**	**2020**
Cash paid for interest, net of amount capitalized	**$ 5.8**	$ 5.4	$ 5.4
Cash paid for income taxes, net	**0.4**	2.5	3.0
Significant non-cash investing and financing transactions:			
Accounts payable related to construction costs	**0.5**	0.3	2.3

NOTE 15—REGULATORY ENVIRONMENT

Coronavirus Disease – 2019

In April 2020, the MPSC issued a written order requiring Michigan utilities, including us, to put certain minimum protections in place during the COVID-19 pandemic. The minimum protections required by the order included the suspension of disconnections, late payment fees, deposits, and reconnection fees for certain vulnerable customers. In addition, utilities were required to extend access to and enhance the flexibility of payment plans to customers financially impacted by COVID-19.

As required in the MPSC order, we filed a response with the MPSC in April 2020 affirming the actions being taken to protect customers. These actions provided protections to more customers than required by the MPSC order, and included suspending disconnections for all residential customers, waiving deposit requirements for new service, suspending the assessment of late fees for customers that entered into payment plans, and enhancing payment plan options for all customers.

The April 2020 MPSC order also authorized all Michigan utilities to defer, for potential future recovery, uncollectible expense incurred on or after March 24, 2020 that exceeded the amounts being recovered in rates. We did not record any deferrals related to the COVID-19 pandemic as we did not experience any significant expenses.

In June 2021, we worked with MPSC staff to develop a transition plan to resume collections and disconnections, while continuing to assist customers in managing their arrears balances. In accordance with the agreed upon transition plan, we resumed pre-pandemic collection activities and residential service disconnections on August 2, 2021. Flexible deferred payment arrangements continue to be available to customers.

NOTE 16—NEW ACCOUNTING PRONOUNCEMENTS

Government Assistance

In November 2021, the FASB issued ASU No. 2021-10, Government Assistance (Topic 832). The amendments in this update increase the transparency surrounding government assistance by requiring disclosure of: (i) the types of assistance received; (ii) an entity's accounting for the assistance; and (iii) the effect of the assistance on the entity's financial statements. The update was effective for annual periods beginning after December 15, 2021. The adoption of ASU No. 2021-10, effective for our fiscal year ending on December 31, 2022, did not have a significant impact on our financial statements and related disclosures.

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	4/28/2023	December 31, 2022

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)	510,199,761	493,803,377
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)*	510,199,761	493,803,377
9	Leased to Others	0	
10	Held for Future Use	0	
11	Construction Work in Progress	1,132,451	487,387
12	Acquisition Adjustments	0	
13	TOTAL Utility Plant *(Enter Total of lines 8 thru 12)*	511,332,212	494,290,764
14	Accum. Prov. For Depr., Amort., & Depl.	117,717,837	113,934,130
15	Net Utility Plant *(Enter Total of line 13 less 14)*	393,614,375	380,356,634
16	DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION		
17	In Service:		
18	Depreciation	117,026,981	113,911,913
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	690,856	22,217
22	TOTAL in Service *(Enter Total of lines 18 thru 21)*	117,717,837	113,934,130
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)	117,717,837	113,934,130

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/28/2023	Year of Report December 31, 2022

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
13,620,993				2,775,391	3
					4
					5
					6
					7
13,620,993	0	0	0	2,775,391	8
					9
					10
352,056				293,008	11
					12
13,973,049	0	0	0	3,068,399	13
3,109,877				673,830	14
10,863,172	0	0	0	2,394,569	15
					16
					17
3,086,275				28,793	18
					19
					20
23,602				645,037	21
3,109,877	0	0	0	673,830	22
					23
					24
					25
0	0	0	0	0	26
					27
					28
					29
0	0	0	0	0	30
					31
					32
3,109,877	0	0	0	673,830	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	4/28/2023	December 31, 2022

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	48,418	119,832
5	TOTAL Intangible Plant	**48,418**	119,832
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		

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	4/28/2023	December 31, 2022

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
			168,250	303	4
			168,250		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) 4/28/2023	Year of Report December 31, 2022

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	81,633,670	66,366
40	342 Fuel Holders, Products and Accessories	17,782,278	
41	343 Prime Movers		
42	344 Generators	133,138,887	1,688,425
43	345 Accessory Electric Equipment	26,421,612	
44	346 Miscellaneous Power Plant Equipment	1,382,267	134,115
45	TOTAL Other Production Plant	**262,480,652**	1,888,906
46	TOTAL Production Plant	**262,480,652**	1,888,906
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) 4/28/2023	Year of Report December 31, 2022

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
			81,700,036	341	39
			17,782,278	342	40
				343	41
544,034		(272,946)	134,010,332	344	42
		272,946	26,694,558	345	43
			1,516,382	346	44
544,034		**0**	**263,825,524**		45
544,034		**0**	**263,825,524**		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) 4/28/2023	Year of Report December 31, 2022

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	684,519	
61	360.2 Land Rights		
62	361 Structures and Improvements	1,998,260	272,772
63	362 Station Equipment	26,003,468	2,902,747
64	363 Storage Battery Equipment		
65	364 Poles, Towers and Fixtures	41,497,928	1,832,625
66	365 Overhead Conductors and Devices	41,480,595	951,674
67	366 Underground Conduit	368,059	(30,870)
68	367 Underground Conductors and Devices	48,743,572	1,877,583
69	368 Line Transformers	21,919,901	850,014
70	368.1 Capacitors		
71	369 Services	23,218,571	2,327,673
72	370 Meters	4,612,975	4,503,790
73	371 Installations on Customers' Premises	813,416	37,933
74	372 Leased Property on Customers' Premises		
75	373 Street Lighting and Signal Systems	1,119,319	85,483
76	TOTAL Distribution Plant	**212,460,583**	15,611,424
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	
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	720,574	3,395,908
89	398 Miscellaneous Equipment		
90	SUBTOTAL	**845,056**	3,395,908

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/28/2023	Year of Report December 31, 2022

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
		10,962	695,481	360.1	60
				360.2	61
67,208			2,203,824	361	62
860,024		89,855	28,136,046	362	63
				363	64
85,248			43,245,305	364	65
19,909			42,412,360	365	66
			337,189	366	67
108,530			50,512,625	367	68
198,223		50,945	22,622,637	368	69
				368.1	70
26,718			25,519,526	369	71
1,143,521		9,505	7,982,749	370	72
10,605			840,744	371	73
				372	74
91,150			1,113,652	373	75
2,611,136		161,267	**225,622,138**		76
					77
				389.1	78
				389.2	79
				390	80
			69,725	391	81
				391.1	82
				392	83
				393	84
			54,757	394	85
				395	86
				396	87
58,056		4,557	4,062,983	397	88
				398	89
58,056		4,557	**4,187,465**		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) 4/28/2023	Year of Report December 31, 2022

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	**845,056**	3,395,908
93	TOTAL (Accounts 101 and 106)	**475,834,709**	21,016,070
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)*	**475,834,709**	21,016,070

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/28/2023	Year of Report December 31, 2022

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
58,056		4,557	**4,187,465**		92
3,213,226		165,824	**493,803,377**		93
					94
				102	95
					96
				103	97
3,213,226		165,824	**493,803,377**		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) 04/28/23	Year of Report December 31, 2022

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	4/28/2023	December 31, 2022

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	219,933		
2	UMERC-Bruce Crossing site improvement	160,412		
3	4100 CADOPS upgrade	47,515		
4				
5	Projects less than $24.4K	59,527		
6				
7	AMI-Modules-UMERC (WE jurisdiction)		5,223,596	
8	AMI-Network devices-UMERC (WE jurisdiction)		4,503,790	
9	UMERC Greenstone SS-New T5 138-249		3,447,472	
10	UMERC ChampionVerso-RTU Comm CKT SW		1,584,756	
11	Projects less than $1M		1,260,024	
12				
13				
14				
15				
16				
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34				
35	**TOTAL**	**487,387**	**16,019,638**	**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) 4/28/2023	December 31, 2022

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	173,296
2		
3		
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39	**TOTAL**	**173,296**

Name of Respondent	This Report Is:	Date of Report	Year of Report
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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 is calculated on eligible Construction Work in Progress projects using the adjusted weighted cost of capital of 1.89% debt and 4.39% 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

$$s(S/W) + d(D/D+P+C)(1-S/W)$$

3. Rate for Other Funds

$$[1-S/W)(p(P/D+P+C)+c(C/D+P+C))$$

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	103,745,896	103,745,896		
2	Depreciation Prov. for Year, Charged to				
3	(403) Depreciation Expense	14,422,641	14,422,641		
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)*	**14,422,641**	**14,422,641**		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	(3,213,226)	(3,213,226)		
13	Cost of Removal	(1,150,297)	(1,150,297)		
14	Salvage (Credit)	117,516	117,516		
15	TOTAL Net Chrgs. For Plant Ret. *(Enter Total of lines 12 thru 14)*	**(4,246,007)**	**(4,246,007)**		
16	Net Earnings of Decommissioning Funds				
17	Other Debit or Credit Items (Described)	(10,617)	(10,617)		
18	Retirement WIP				
19	Balance End of Year *(Enter total of lines 1, 10, 15, 16 & 17)*	**113,911,913**	**113,911,913**		

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	31,075,163	31,075,163		
26	Transmission				
27	Distribution	82,418,457	82,418,457		
28	General	418,293	418,293		
29	TOTAL (Enter total of lines 20 thru 28)	**113,911,913**	**113,911,913**		

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	Column	Other Debit or Credit Items Transfer of reserve balance from MI assets $ (10,617) TOTAL $ (10,617)

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Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) April 28, 2023	December 31, 2022

Depreciation Cost of Removal by Plant Accounting
Per Supplemental Information Request

	Plant Account	Plant Account Name	Amount
1	344	Generators	$ 59,654
2	361	Structures and Improvements	16,352
3	362	Station Equipment	304,845
4	364	Poles, Towers and Fixtures	445,281
5	365	Overhead Conductors and Devices	171,295
6	366	Underground Conduit	14
7	367	Underground Conductors and Devices	53,966
8	368	Line Transformers	-
9	369	Services	77,763
10	370	Meters	-
11	371	Installations on Customers' Presmises	1,860
12	373	Street Lighting and Signal Systems	19,267
13	TOTAL		$ 1,150,297
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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	4/28/2023	December 31, 2022

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)	14,690,341	19,836,612
3	Other Accounts Receivable (Account 143) (Disclose any capital stock subscriptions received)	207,087	1,266,665
4	TOTAL	**14,897,428**	**22,369,942**
5	Less: Accumulated Provision for Uncollectible Accounts-Cr. (Account 144)	2,498,618	2,296,849
6	TOTAL, Less Accumulated Provision for Uncollectible Accounts	**12,398,810**	**20,073,093**
7			
8			
9			
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11			
12			
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14			

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	2,498,618				**2,498,618**
2	Provision for uncollectibles for current year	330,551				**330,551**
3	Less: Accounts written off	686,080				**686,080**
4	Collection of accounts written off	153,760				**153,760**
5	Adjustments (explain): To reserve based on analysis of uncollectible reserve					**0**
6	Balance end of year	**2,296,849**	**0**	**0**	**0**	**2,296,849**
7						
8						
9						
10						
11						

Name of Respondent	This Report Is:	Date of Report	Year of Report
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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	13,693,246	203,120,166	206,926,932	**9,886,480**	
4	Wisconsin Public Service Corporation	2,545,290	36,290,044	35,937,078	**2,898,256**	
5	WEC Business Services LLC	382,285	2,864,360	2,842,901	**403,744**	
6	WEC Energy Group, Inc.	1,797,352	3,448,617	4,156,798	**1,089,171**	
7	Wisconsin Gas Company	0	211,718	211,718	**0**	
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39	**TOTAL**	**18,418,173**	**245,934,905**	**250,075,427**	**14,277,651**	**0**

NOTE: All information presented pertains to Account 146. Account 145 had no activity during 2022.

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	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/28/2023	December 31, 2022

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)	3,427,221	3,828,654	Electric & Gas
10	Assigned to - Other			
11	TOTAL Account 154 *(Enter total of line 5 thru 10)*	3,427,221	3,828,654	
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)	3,427,221	3,828,654	

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) 4/28/2023	December 31, 2022

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	Electric true-up	6,633,142
2	Gas imbalance receivable	240,340
3	GCR undercollections	0
4		
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25	TOTAL	**6,873,482**

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) 4/28/2023	December 31, 2022

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						
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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)	12,896,826	203,781	407	408,079	12,692,528
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49	TOTAL	12,896,826	203,781		408,079	12,692,528

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) 4/28/2023	December 31, 2022

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	Kuester Generating Station On Site Warehouse	22,836
2	Championverso Plant Reconfiguration Support	0
3	Watersmeet New RTU and Recloser Replacement	0
4	SAGOLA SS (Replace T5)	0
5	Other projects	0
6		
7		
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TOTAL		22,836

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) 4/28/2023	December 31, 2022

PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

Debits	CREDITS		Balance End of Year	Line No.
	Account Charged	Amount		
(c)	(d)	(e)	(f)	
2,399	107.00	25,235	0	1
17,877		60,709	(42,832)	2
11,784			11,784	3
34,722			34,722	4
8,400			8,400	5
				6
				7
				8
				9
				10
				11
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75,182		85,944	12,074	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) 4/28/2023	December 31, 2022

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	397,919	0	Various	23,179	374,740
2	De Pere Energy Center	67,844	0	407	43,452	24,392
3	Environmental remediation costs	51,907	0	735	0	51,907
4	Fox Energy Center	5,077,514	0	407	464,000	4,613,514
5	Income tax related	2,863,186	4,407	180, 282	73,604	2,793,989
6	MI AES deferral	626,389	0		0	626,389
7	MI energy optimization	0	0	908	0	0
8	Misc. regulatory reserve	(2,312,239)	0	Various	0	(2,312,239)
9	Plant retirements	91,949	0	407	24,300	67,649
10	W3 ReAct deferral	1,818,569	0		0	1,818,569
11	Derivatives	45,000	45,000	Various	90,000	0
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13						
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44	TOTAL	8,728,038	49,407		718,535	8,058,910

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) 4/28/2023	December 31, 2022

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	21,893	827,845	Various	141,434	708,304
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37						
38	Miscellaneous Work in Progress					
39	TOTAL	21,893				708,304

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) 4/28/2023	December 31, 2022

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	52,995	6,072	19,746
3	Bad Debt Reserve	643,144	191,180	139,244
4	Post Retirement Benefits			
5				
6				
7	Other	4,964,815	358,508	557,408
8	TOTAL (Account 190) (Enter total of lines 2 thru 7)	5,660,954	555,760	716,398
9	Gas			
10				
11				
12				
13				
14				
15	Other	(26,027)	12,119	41,361
16	TOTAL Gas (Enter total of lines 10 thru15)	(26,027)	12,119	41,361
17	Other (Specify)	(51,068)		
18	TOTAL (Account 190) *(Enter total of lines 8, 16 & 17)*	**5,583,859**	**567,879**	**757,759**
19	Classification of Total:			
20	Federal Income Tax	4,336,450	449,284	594,903
21	State Income Tax	1,247,409	118,595	162,856
22	Local Income Tax			

NOTES

Other Electric:

	Balance Beginning of Year	Balance End of Year
Conservation / Weatherization	$ 160,778	$ 119,231
MISO charges	68,482	68,482
Other	-	189,834
Prepaid tax and insurance	76,809	56,455
Property related	3,497,929	3,427,372
Regulatory deferral	764,545	819,923
Tax amortizations	396,272	382,222
TOTAL	$ 4,964,815	$ 5,063,519

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) 4/28/2023	December 31, 2022

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
						66,669	2
						591,208	3
						0	4
						0	5
							6
			100,196		0	5,063,519	7
			100,196		0	5,721,396	8
							9
						0	10
						0	11
						0	12
						0	13
						0	14
			0		0	3,215	15
			0		0	3,215	16
						(51,068)	17
0	**0**		**100,196**		**0**	**5,673,543**	18
							19
			83,963		0	4,398,106	20
			16,233		0	1,275,437	21
							22

NOTES *(Continued)*

Other Gas:

	Balance Beginning of Year	Balance End of Year
Environmental	$ -	$ -
Property related	136,413	115,040
Regulatory deferral	(28,138)	1,104
Tax amortizations	(134,303)	(112,929)
TOTAL	$ (26,028)	$ 3,215

Other:

Regulatory deferral	$ (51,068)	$ (51,068)
TOTAL	$ (51,068)	$ (51,068)

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) 4/28/2023	December 31, 2022

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
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

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) 4/28/2023	December 31, 2022

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
Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

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	3.26T Senior Notes Due 2029	160,000,000	1,271,366
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3			
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25	TOTAL	160,000,000	1,271,366

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) 4/28/2023	December 31, 2022

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

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) 4/28/2023	December 31, 2022

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						
3	Notes Payable to WEC Energy Group, Inc.	(22,000,000)	0	5,100,000	**(27,100,000)**	599,712
4						
5	Total	**(22,000,000)**	**0**	**5,100,000**	**(27,100,000)**	**599,712**
6						
7	**Account 234:**					
8	Accounts Payable:					
9	WEC Business Services LLC	(650,480)	7,700,294	7,853,244	**(803,430)**	
10	WEC Energy Group, Inc.	(23,214)	3,461,879	3,547,608	**(108,943)**	
11	Wisconsin Electric Power Company	(11,426,772)	168,538,243	163,524,277	**(6,412,806)**	
12	Wisconsin Public Service Corporation	(843,361)	8,499,689	8,822,267	**(1,165,939)**	
13	Wisconsin Gas Company	0	2,664	3,068	**(404)**	
14	Other Associate Companies	0	0	0	**0**	
15	Total	**(12,943,827)**	**188,202,769**	**183,750,464**	**(8,491,522)**	**0**
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38	**TOTAL**	**(34,943,827)**	**188,202,769**	**188,850,464**	**(35,591,522)**	**599,712**

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) 4/28/2023	December 31, 2022

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)	15,260,363
6	Allocation of Net income for the year	
7	Add: Federal income tax expenses	
8		
9	Total pre-tax income	15,260,363
10		
11	Add: Taxable income not reported on books:	(27,793)
12		
13	Add: Deductions recorded on books not deducted from return	5,881,622
14		
15	Subtract: Income recorded on books not included in return:	135,377
16		
17	Subtract: Deductions on return not charged against book income:	
18	Schedule M (Addition of Taxable Income)	(14,976,415)
19		
20	Federal taxable income for the year	6,273,154
21	Show computation of tax:	1,317,362
22		
23	Prior year current adjustments	(296,437)
24	R&E Tax Credit	(2,864)
25	Federal tax per books	1,018,061
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	$	53,125
			CIAC - CWIP		(80,918)
			Total	$	(27,793)
261A	13	b	Deductions recorded on books not deducted for return:		
			Provisions for deferred taxes (federal & state)	$	4,264,810
			Federal and state income taxees (current)		1,103,631
			State franchise/income taxes accrued		(176,330)
			De Pere Energy regulatory asset		43,452
			162(m)		313,912
			Reg asset (liability)		42,888
			Allowance for uncollectibles		(201,769)
			Capitalized interest		(4,289)
			Lobbying expense		15,893
			Meals and entertainment		7,716
			Penalties		1
			Repairs - CWIP		(1)
			Other regulatory liability - tax reform		255,923
			Other		275,000
			Plant abandonment regulatory asset		19,859
			Taxes accrued - property/other		(79,075)
			Total	$	5,881,621
261A	15	b	Income recorded on books not included in return:		
			AFUDC - Debt	$	40,745
			AFUDC - Equity		94,632
			Total	$	135,377
261A	18	b	Deductions on return not charged against book income:		
			Tax depreciation in excess of book depreciation	$	(17,753,454)
			Environmental site clean-up		(2,620)
			GCR undercollections		376,007
			Electric true up - current year		1,558,138
			MI - Energy optimization		405,384
			Prepaid insurance		(16,310)
			Crane Creek depreciation deferral		(7,560)
			Deferred revenue regulatory asset		464,000
			Total	$	(14,976,415)

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 4/28/2023	Year of Report December 31, 2022

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
261A	21	b	Federal tax net income $ 6,273,153 Tax @ 21% $ 1,317,362 Taxes applicable to current year $ 1,317,362 R&E tax credit (2,864) Adjustments to prior years (296,437) Net tax accrual $ 1,018,061 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, 2022, 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.

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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	6,324,579	
2	Taxes accrued - other assessment MPSC	298,404	
3	Taxes accrued - income - federal		
4	Taxes accrued - income - franchise		
5	Federal excise tax		
6	Unauthorized insurance tax	9,079	
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	5,488,482	929,513		
2	301,891	51,127		
3	1,117,399	(241,963)		
4				
5				
6		12,749		
7	739	36		
8	304,327	16,487		
9	124,876	(82,658)		
10				
11				
12				
13				
14				
15				

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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)	
6,417,995	6,845,908		5,896,666		1
353,018	432,093		219,329		2
1,018,061	455,772	(562,289)			3
					4
					5
12,749	10,752		11,076		6
775	775				7
320,814	320,814				8
85,569	(60,322)	(145,891)			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
			142,625	3
				4
				5
				6
				7
				8
			43,351	9
				10
				11
				12
				13
				14
				15

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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	Customer payments unapplied	1,746,276
2	GCR overcollection	192,422
3	Michigan energy conservation	184,839
4	Other	10,242
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	**TOTAL**	**2,133,779**

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)

Line No.	List Advances by department (a)	Balance End of Year (b)
23	Electric	259,013
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39	**TOTAL**	**259,013**

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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	37,203,372	5,181,898	1,076,212
3	Gas	826,082	450,591	135,178
4	Other (Define)			
5	TOTAL *(Enter total of lines 2 thru 4)*	38,029,454	5,632,489	1,211,390
6	Other (Specify)			
7				
8				
9	TOTAL Account 282 *(Enter total of lines 5 thru 8)*	38,029,454	5,632,489	1,211,390
10	Classification of TOTAL			
11	Federal Income Tax	30,831,212	4,189,790	1,020,487
12	State Income Tax	7,198,242	1,442,699	190,903
13	Local Income Tax			

NOTES

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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
			0		149,772	41,458,830	2
			0		(249)	1,141,246	3
							4
			0		149,523	42,600,076	5
							6
							7
							8
			0		149,523	42,600,076	9
							10
			0		161,504	34,162,019	11
			0		(11,981)	8,438,057	12
							13

NOTES (Continued)

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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	6,078,331	2,613,155	2,381,328
5				
6	Other			
7	TOTAL Electric *(total of lines 2 thru 6)*	6,078,331	2,613,155	2,381,328
8	Gas			
9		109,814	5,465	101,980
10				
11				
12				
13	Other			
14	TOTAL Gas *(Total of lines 9 thru 13)*	109,814	5,465	101,980
15	Other: Nonutility	1,581,220		
16	TOTAL (Account 283) *(Enter total of lines 7, 14 and 15)*	7,769,365	2,618,620	2,483,308
17	Classification of TOTAL			
18	Federal Income Tax	6,072,663	2,056,301	1,981,649
19	State Income Tax	1,696,702	562,319	501,659
20	Local Income Tax			

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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
			0		67,934	6,378,092	4
							5
							6
			0		67,934	6,378,092	7
							8
			0		(86)	13,213	9
							10
							11
							12
							13
			0		(86)	13,213	14
4,979	106,700					1,479,499	15
4,979	106,700	0	0		67,848	7,870,804	16
							17
4,979	82,989		0		73,391	6,072,663	18
0	23,711		0		(5,543)	1,696,702	19
							20

NOTES (Continued)

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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	133,513	407	7,560	0	125,953
2	Derivatives	2,159		2,069,196	2,889,912	822,875
3	Income tax related	15,304,164	190, 282	500,982	86,598	14,889,780
4	MI MISO SSR deferral	266,052		0	0	266,052
5	Renewable energy program	624,624	908	175,437	14,027	463,214
6	Tax savings/remeasure	612,106	456, 495	2,099,367	2,355,291	868,030
7	MI energy optimization	79,394	908	2,076,266	2,340,699	343,827
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	17,022,012		6,928,808	7,686,527	17,779,731

NOTE: All amounts are recorded in Account 254.

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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	None	
7	**Subtotal 418**	**0**
8		
9	**Equity in Earnings of Subsidiary Companies**	
10	None	
11	**Subtotal 418.1**	**0**
12		
13	**Interest and Dividend Income**	
14	Tax interest	
15	**Subtotal 419**	**0**
16		
17	**Miscellaneous Non-Operating Income**	
18	Carry costs on tax reform and MI acts	16,508
19	Corporate lease impairment amortization	8,602
20		
21	**Subtotal 421**	**25,110**
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

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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	42,413,486	38,357,070
3	(442) Commercial and Industrial Sales		
4	Small (or Commercial)	20,714,344	18,681,354
5	Large (or Industrial)	118,919,129	105,704,150
6	(444) Public Street and Highway Lighting	726,234	694,327
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales	6,000	6,631
10	(449) Other Sales		
11			
12	TOTAL Sales to Ultimate Consumers	**182,779,193**	**163,443,532**
13			
14	(447) Sales for Resale	5,044,269	2,276,360
15	TOTAL Sales of Electricity	**187,823,462 ***	**165,719,892**
16			
17	(Less) (449.1) Provision for Rate Refunds		
18	TOTAL Revenue Net of Provision for Refunds	**187,823,462**	**165,719,892**
19	Other Operating Revenues		
20	(450) Forfeited Discounts	564,551	685,020
21	(451) Miscellaneous Service Revenues	53,297	23,656
22	(453) Sales of Water and Water Power		
23	(454) Rent from Electric Property	216,857	62,080
24	(455) Interdepartmental Rents		
25	(456) Other Electric Revenues	3,722,420	3,258,162
26			
27			
28			
29			
30	TOTAL Other Operating Revenues	**4,557,125**	**4,028,918**
31			
32	TOTAL Electric Operating Revenues	**192,380,587**	**169,748,810**

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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
238,994	237,186	33,078	32,938	2
				3
126,491	126,597	3,947	3,938	4
1,337,704	1,547,687	37	36	5
2,490	2,525	1	9	6
				7
				8
61	58	1	1	9
				10
				11
1,705,740 **	**1,914,053**	**37,064**	**36,922**	12
				13
11,643	6,055			14
1,717,383	**1,920,108**	**37,064**	**36,922**	15
				16
				17
1,717,383	**1,920,108**	**37,064**	**36,922**	18

* Includes $(4,515,187) unbilled revenues.

** Includes (10,457) MWH relating to unbilled revenues.

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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)	1,567,235	1,646,211
5	Large (or Industrial)	1,040,312	1,059,821
6			
7			
8			
9			
10			
11			
12	TOTAL Customer Choice Sales	**2,607,547**	**2,706,032**
13			
14			
15	TOTAL Sales of Electricity	**2,607,547**	**2,706,032**
16			
17			
18	TOTAL Revenue Net of Provision for Refunds	**2,607,547**	**2,706,032**
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	**2,607,547**	**2,706,032**

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Upper Michigan Energy Resources Corporation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/28/23	December 31, 2022

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
48,629	47,007	65	65	4
225,493	229,153	16	18	5
				6
				7
				8
				9
				10
				11
274,122	**276,160**	**81**	**83**	12
				13
				14
274,122	**276,160**	**81**	**83**	15
				16
				17
274,122	**276,160**	**81**	**83**	18

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	04/28/23	December 31, 2022

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	166,516	29,984,201	24,604	6,768	0.1801
3	Rg1 - Unbilled	(97)	(271,713)			2.8012
4	Rg2 - Residential Time of Use - WE	5,388	786,172	335	16,084	0.1459
5	Rg2 - Unbilled	(132)	(24,213)			0.1834
6	Gl1 - Residential Area Lighting - WE	240	83,794			0.3491
7	Gl1 - Unbilled	0	(858)			
8	LED - WE	2	2,082			1.0410
9	LED - Unbilled	0	(8)			
10	Rg1 - Residential - WPS	65,237	11,335,850	7,985	8,170	0.1738
11	Rg1 - Unbilled	(323)	168,981			(0.5232)
12	Rg1T-MI - Residential - WPS	2,067	309,978	154	13,422	0.1500
13	Rg1T-MI - Unbilled	(22)	4,626			(0.2103)
14	LS-1M - Residential - WPS	118	34,043			0.2885
15	LS-1M - Unbilled	0	104			
16	NAT-R-MI - Residential - WPS	0	447			
17	NAT-R-MI - Unbilled	0				
18	**Total Residential**	238,994	42,413,486	33,078	7,225	0.1775
19						
20	**Commercial & Industrial - Small**					
21	Cg1 - General Secondary - WE	67,918	12,273,551	2,877	23,607	0.1807
22	Cg1 - Unbilled	(1,709)	(392,307)			0.2296
23	Cg2 - General Secondary Total Electric - WE	1,145	199,204	35	32,714	0.1740
24	Cg2 - Unbilled	(8)	(4,049)			0.5061
25	Cg3 - General Secondary Large Time of Use - WE	28,114	3,888,133	41	685,707	0.1383
26	Cg3 - Unbilled	(29)	(69,332)			2.3908
27	Cg5 - General Secondary Small Time of Use - WE	5,362	889,001	94	57,043	0.1658
28	Cg5 - Unbilled	47	2,091			0.0445
29	Gl1 - General Secondary Area Lighting - WE	531	145,223			0.2735
30	Gl1 - Unbilled	0	(2,003)			
31	TssU - Transmission Substation Unmetered - WE	448	52,656	13	34,462	0.1175
32	Tssu - Unbilled	0	(1,707)			
33	LED1 - WE	0	223			
34	LED1 - Unbilled	0	(1)			
35	Cg1 - General Secondary - WPS	13,282	2,000,884	785	16,920	0.1506
36	Cg1 - Unbilled	(16)	41,633			(2.6021)
37	Cg1-1T-MI - WPS	859	114,547	59	14,559	0.1333
38	Cg1-1T-MI - Unbilled	(2)	2,194			(1.0970)
39	Cg3 - General Secondary Large Time of Use - WPS	9,493	1,373,685	39	243,410	0.1447
40	Cg3 - Unbilled	(35)	23,777			(0.6793)
41	Total Billed	1,705,740	182,779,193	37,063	46,023	0.1072
42	Total Unbilled Rev. (See Instr. 6)					
43	TOTAL	**1,705,740**	**182,779,193**	**37,063**	**46,023**	**0.1072**

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	04/28/23	December 31, 2022

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	413	81,198			0.1966
2	LS-1M - Unbilled	0	524			
3	MP-1-MI - WPS	679	94,012	4	169,750	0.1385
4	MP-1-MI - Unbilled	(1)	1,207			(1.2070)
5	**Total Commercial & Industrial - Small**	126,491	20,714,344	3,947	32,047	0.1638
6						
7	**Commercial & Industrial - Large**					
8	Cp1 - General Primary - WE	4,405	544,475	1	4,405,000	0.1236
9	Cp1 - Unbilled	65	(3,016)			(0.0464)
10	Cp1 - Special Contract - WE	4,759	371,192	1	4,759,000	0.0780
11	Cp1 - Unbilled	0	(22,266)			
12	Cp3 - General Primary Curtailable - WE	61,631	6,791,803	2	30,815,500	0.1102
13	Cp3 - Unbilled	0	(288,354)			
14	Gl1 - General Primary Lighting - WE	60	17,065			0.2844
15	Gl1 - Unbilled	0	(283)			
16	SC TMSC	1,135,151	102,306,280	1	1,135,151,000	0.0901
17	SC TMSC Unbilled	(8,161)	(3,376,108)			0.4137
18	LED1 - WE	5	1,715			0.3430
19	LED1 - Unbilled	0	(22)			
20	CPB-MI-TRA - WPS	2,572	353,284			0.1374
21	CPB-MI-TRA Unbilled	0	(5,891)			
22	CPI-MI-TRN - WPS	121,722	10,451,132	2	60,861,000	0.0859
23	CPI-MI-TRN Unbilled	0	(278,834)			
24	CP-PRI-MI - WPS	694	96,993	1	694,000	0.1398
25	CP-PRI-MI Unbilled	(5)	(1,440)			0.2880
26	CP-SEC-MI - WPS	14,835	1,972,838	29	511,552	0.1330
27	CP-SEC-MI Unbilled	(29)	(11,434)			0.3943
28	**Total Commercial & Industrial - Large**	1,337,704	118,919,129	37	36,154,162	0.0889
29						
30	**Public Street & Highway**					
31	Cg5 - Optional Time of Use Street Lighting - WE	80	13,297	1	80,000	0.1662
32	Cg5 - Unbilled	1	355			0.3550
33	Ms2 - Standard Sodium & Metal Halide Lighting - WE	1,494	463,111			0.3100
34	Ms2 Unbilled	0	(6,047)			
35	Ms3 - Non-Standard Street and Area Lighting - WE	90	30,602			0.3400
36	Ms3 - Unbilled	0	(364)			
37	LED-MI - Standard-Gov't	84	69,745			0.8303
38	LED-MI - Standard-Gov't - Unbilled	0	(340)			
39	LED-MI - Non-Standard - Gov't	22	11,863			0.5392
40	LED-MI - Non-Standard - Gov't - Unbilled	0	(89)			
41	Total Billed	1,705,740	182,779,193	37,063	46,023	0.1072
42	Total Unbilled Rev. (See Instr. 6)					
43	TOTAL	**1,705,740**	**182,779,193**	**37,063**	**46,023**	**0.1072**

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	04/28/23	December 31, 2022

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	600	128,517			0.2142
2	LS-1M (COS) - Unbilled	(1)	0			
3	LS-1M (CUS) - WPS	120	15,584			0.1299
4	LS-1M (CUS) - Unbilled	0	0			
5	**Total Public Street & Highway**	2,490	726,234	1	2,490,000	0.2917
6						
7	**Interdepartmental Sales**	61	6,000			0.0984
8	**Total Interdepartmental Sales**	61	6,000	0		0.0984
9						
10						
11						
12	Unbilled Revenue (by revenue					
13	account subheading) included					
14	in totals above:					
15						
16	Residential		$ (123,081)			
17	Small C&I		(397,973)			
18	Large C&I		(3,987,648)			
19	Public Street & Highway		(6,485)			
20	Total		$ (4,515,187)			
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	Total Billed	1,705,740	182,779,193	37,063	46,023	0.1072
42	Total Unbilled Rev. (See Instr. 6)					
43	TOTAL	**1,705,740**	**182,779,193**	**37,063**	**46,023**	**0.1072**

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) 04/28/23	December 31, 2022

FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
304.2	43	b	All rate schedules in Michigan had a net fuel adjustment clause in 2022 of $15,762,015 as an increase to revenue. Total Residential $ 7,037,014 Total Small Commercial 3,703,011 Total Large Commercial 4,978,676 Total Street/Hwy Lighting 43,350 Total $ 15,762,051 The reduction in revenue pursuant to the Tax Cuts and Jobs Act in 2022 is $1,901,318. Total Residential $ 1,085,379 Total Small Commercial 513,842 Total Large Commercial 283,327 Total Street/Hwy Lighting 18,770 Total $ 1,901,318

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	04/28/23	December 31, 2022

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	6,717	358,414	21	319,857	0.0534
3	Cg1 - Unbilled	(26)	(1,574)			0.0605
4	Cg3 - General Secondary Large Time of Use - WE	41,115	1,207,736	41	1,002,805	0.0294
5	Cg3 - Unbilled	753	1,084			0.0014
6	AES-CG-1MI - WPS	71	1,605	1	71,000	0.0226
7	AES-CG-1MI - Unbilled	(1)	(30)			0.0300
8	**Total Commercial & Industrial - Small**	48,629	1,567,235	63	771,889	0.0322
9						
10	**Commercial & Industrial - Large**					
11	Cp1 - General Primay - WE	13,635	299,487	2	6,817,500	0.0220
12	Cp1 - Unbilled	0	0			
13	Cp1 - Schedule A - WE	164,735	354,893	1	164,735,000	0.0022
14	Cp1 - Unbilled	15,529	33,434			0.0022
15	AES-CP1M-S - WPS	31,594	352,892	15	2,106,267	0.0112
16	AES-CP1M-S - Unbilled	0	(394)			
17	**Total Commercial & Industrial - Large**	225,493	1,040,312	18	12,527,389	0.0046
18						
19	Unbilled Revenue (by revenue account subheading)					
20	included in totals above:					
21						
22	Small C&I		$ (520)			
23	Large C&I		33,040			
24	Total		$ 32,520			
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	Total Billed	257,867	2,575,027	81	3,183,543	0.0100
42	Total Unbilled Rev. (See Instr. 6)	16,255	32,520			
43	TOTAL	**274,122**	**2,607,547**	**81**	**3,384,222**	**0.0095**

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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	4/28/2023	December 31, 2022

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	OS	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) 4/28/2023	December 31, 2022

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
131,165	903,373	9,701,762	1,267,154	11,872,289	2
	1,495,000			1,495,000	3
				0	4
				0	5
				0	6
				0	7
				0	8
				0	9
				0	10
				0	11
				0	12
131,165	2,398,373	9,701,762	1,267,154	13,367,289	13
131,165	2,398,373	9,701,762	1,267,154	13,367,289	14

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 04/28/23	Year of Report December 31, 2022

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	1,203,564	131,165
MISO RTO Netting adjustment	(119,522)	(119,522)
TOTAL	1,084,042	11,643

Dollars:	Purchases	Sales (Non-RQ)
FERC Form 1	$ 60,593,809	$ 13,367,289
MISO RTO Netting adjustment	(8,323,020)	(8,323,020)
TOTAL	$ 52,270,789	$ 5,044,269

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) 4/28/2023	December 31, 2022

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

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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)
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	394,281	329,344
63	(547) Fuel	47,400,709	29,311,488
64	(548) Generation Expenses	730,392	594,202
65	(549) Miscellaneous Other Power Generation Expenses	1,670,153	2,159,860
66	(550) Rents		
67	TOTAL Operation *(Total of Lines 62 thru 66)*	50,195,535	32,394,894
68	Maintenance		
69	(551) Maintenance Supervision and Engineering	16,762	2,931
70	(552) Maintenance of Structures		
71	(553) Maintenance of Generating and Electric Plant	4,925,450	5,158,405
72	(554) Maintenance of Miscellaneous Other Power Generation Plant		
73	TOTAL Maintenance *(Total of Lines 69 thru 72)*	4,942,212	5,161,336
74	TOTAL Power Production Expenses-Other Power *(Total of Lines 67 & 73)*	55,137,747	37,556,230
75	**E. Other Power Supply Expenses**		
76	(555) Purchased Power	60,593,809	50,639,528
77	(556) System Control and Load Dispatching	17,211	17,429
78	(557) Other Expenses	860,799	839,786
79	Total Other Power Supply Expenses *(Total of Lines 76 thru 78)*	61,471,819	51,496,743
80	Total Pwr. Production Expenses *(Total of lines 21, 41, 59, 74 & 79)*	116,609,566	89,052,973
81	**2. TRANSMISSION EXPENSES**		
82	Operation		
83	(560) Operation Supervision and Engineering		
84	(561) Load Dispatching	893,146	926,948
85	(562) Station Expenses		
86	(563) Overhead Lines Expenses		
87	(564) Underground Lines Expenses		
88	(565) Transmission of Electricity by Others	20,395,097	19,797,553
89	(566) Miscellaneous Transmission Expenses		
90	(567) Rents		
91	TOTAL Operation *(Total of Lines 83 thru 90)*	21,288,243	20,724,501
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)	21,288,243	20,724,501
101	**3. REGIONAL MARKET EXPENSES**		
102	Operation		
103	(575.7) Market Facilitation, Monitoring and Compliance Services	270,690	295,100

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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)*	270,690	295,100
105	**4. DISTRIBUTION EXPENSES**		
106	Operation		
107	(580) Operation Supervision and Engineering	10,120	10,798
108	(581) Load Dispatching	103,164	93,010
109	(582) Station Expenses	55,953	67,706
110	(583) Overhead Line Expenses	737,380	667,965
111	(584) Underground Line Expenses	68,451	81,210
112	(585) Street Lighting and Signal System Expenses	100,410	91,208
113	(586) Meter Expenses	97,938	88,582
114	(587) Customer Installations Expenses		
115	(588) Miscellaneous Expenses	547,421	506,737
116	(589) Rents		
117	TOTAL Operation *(Total of Lines 107 thru 116)*	1,720,837	1,607,216
118	Maintenance		
119	(590) Maintenance Supervision and Engineering	799	374
120	(591) Maintenance of Structures	5,256	6,144
121	(592) Maintenance of Station Equipment	234,369	141,479
122	(593) Maintenance of Overhead Lines	3,193,183	1,698,351
123	(594) Maintenance of Underground Lines	98,287	84,619
124	(595) Maintenance of Line Transformers	3,750	17
125	(596) Maintenance of Street Lighting and Signal Systems	79,929	78,179
126	(597) Maintenance of Meters		
127	(598) Maintenance of Miscellaneous Distribution Plant		
128	TOTAL Maintenance *(Total of Lines 119 thru 127)*	3,615,573	2,009,163
129	TOTAL Distribution Expenses *(Total of Lines 117 & 128)*	5,336,410	3,616,379
130	**5. CUSTOMER ACCOUNTS EXPENSES**		
131	Operation		
132	(901) Supervision	13,579	13,305
133	(902) Meter Reading Expenses	114,112	107,038
134	(903) Customer Records and Collection Expenses	454,915	412,767
135	(904) Uncollectible Accounts	964,764	1,651,403
136	(905) Miscellaneous Customer Accounts Expenses	17,870	10,665
137	TOTAL Customer Accounts Expenses *(Total of Lines 132 thru 136)*	1,565,240	2,195,178
138	**6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES**		
139	Operation		
140	(907) Supervision	3,665	3,496
141	(908) Customer Assistance Expenses	2,996,136	3,307,593
142	(909) Informational and Instructional Expenses	79,859	100,735
143	(910) Miscellaneous Customer Service and Informational Expenses		
144	TOTAL Customer Service and Informational Exp. *(Total of Lines 140 thru 143)*	3,079,660	3,411,824
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	850,518	836,248
155	(921) Office Supplies and Expenses	447,270	424,787
156	(Less) (922) Administrative Expenses Transferred - **CR**		

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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	381,373	421,175
159	(924) Property Insurance	174,574	159,514
160	(925) Injuries and Damages	210,422	181,036
161	(926) Employee Pensions and Benefits	1,304,556	1,089,550
162	(927) Franchise Requirements		
163	(928) Regulatory Commission Expenses	86,874	93,791
164	(929) Duplicate Charges - **CR**.	35,159	29,467
165	(930.1) General Advertising Expenses		443
166	(930.2) Miscellaneous General Expenses	110,823	230,475
167	(931) Rents	118,342	99,412
168	TOTAL Operation (*Total of Lines 154 thru 167)*	3,649,593	3,506,964
169	Maintenance		
170	(935) Maintenance of General Plant		
171	TOTAL Administrative and General Expenses *(Total of Lines 168 & 170)*	3,649,593	3,506,964
172	TOTAL Electric Operation and Maintenance Expenses *(Enter total of lines 80, 100, 104, 129, 137, 144, 151 and 168)*	151,799,402	122,802,919

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	Customer owned generation<100 mwh	OS				
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	TOTAL					

Name of Respondent	This Report Is:	Date of Report	Year of Report
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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)	
1,203,461				60,556,465	30,416	60,586,881	1
103				6,928		6,928	2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
1,203,564				60,563,393	30,416	60,593,809	14

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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	1,203,564	131,165
MISO RTO Netting adjustment	(119,522)	(119,522)
TOTAL	1,084,042	11,643

Dollars:	Purchases	Sales (Non-RQ)
FERC Form 1	$ 60,593,809	$ 13,367,289
MISO RTO Netting adjustment	(8,323,020)	(8,323,020)
TOTAL	$ 52,270,789	$ 5,044,269

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
326.0	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		61,109	6,000	10.18
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	170,857
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		**216,857**

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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	Miscellaneous Service Revenues (451)	
15	Fees & charges for changing, connecting & disconnecting services	53,297
16	Total	53,297
17		
18	Other Electric Revenues (456)	
19	Michigan retail access	2,607,546
20	Generating services - miscellaneous	1,516,915
21	MI Act 295 renewable energy true-up	(3,319)
22	Tax reform	(283,268)
23	Miscellaneous	(115,454)
24		
25	Total	3,722,420
26		
27		
28		
29		
30	**TOTAL**	**3,775,717**

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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)				14,908,424	5,486,673	20,395,097
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	Total	0	0	0	14,908,424	5,486,673	20,395,097

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FOOTNOTE DATE

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	70,689
2	Nuclear Power Research Expenses	
3	Other Experimental and General Research Expenses	17,377
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	(81,035)
7	Director fees and corporate expenses	46,255
8	Expense of Corporate Organization	54,201
9	Bank fees	3,336
10		
11		
12		
13		
14		
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45		
46	TOTAL	110,823

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	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corporation	(2) [ ] A Resubmission	4/28/2023	December 31, 2022

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		15,769		15,769
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	8,692,212			8,692,212
7	Transmission Plant				0
8	Distribution Plant	5,488,469			5,488,469
9	General Plant	241,960			241,960
10	Common Plant-Electric	14,818	251,417		266,235
11	Regional Transmission and Market Operation				0
12	TOTAL	14,437,459	267,186	0	14,704,645

B. BASIS FOR AMORTIZATION CHARGES

None

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [ ] A Resubmission	Date of Report (Mo, Da, Yr) 04/28/23	Year of Report December 31, 2022

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	Total - 426.1	0
6		
7	**Key Executive Life Insurance (426.2)**	
8	Total - 426.2	0
9		
10	**Penalties (426.3)**	
11	Total - 426.3	0
12		
13	**Expenses for Certain Civil, Political, & Related Activities (426.4)**	
14	Regulatory lobbying	7,809
15	EEI dues	3,855
16	Total - 426.4	11,664
17		
18	**Other Deductions (426.5)**	
19	Below the line	8,261
20	Total - 426.5	8,261
21		
22	**Interest on Debt to Associated Companies (430)**	
23	Total - 430	0
24		
25	**Other Interest Expense (431)**	
26	Credit facility fee	188,953
27	Interest expense tax	6,315
28	Total - 431	195,268
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Name of Respondent	This Report Is:	Date of Report	Year of Report
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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	$ 4,472
2	Employee labor and expenses	5,940
3	Consulting	1,252
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32	TOTAL	11,664

Name of Respondent	This Report Is:	Date of Report	Year of Report
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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		85,079	85,079	
3	MPSC: Gas		38,782	38,782	
4					
5	Other Expenses:				
6	Electric		1,795	1,795	
7	Gas		49	49	
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44	TOTAL	0	125,705	125,705	

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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	86,874					6
Gas	928	38,831					7
							8
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		125,705					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 - Hydrogen Initiative
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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)		
655		921.00	655		1
17,469		930.20	17,469		2
					3
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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	1,239,986		
4	Transmission	1,336		
5	Regional Market			
6	Distribution	654,301		
7	Customer Accounts	216,806		
8	Customer Service and Informational	255,606		
9	Sales			
10	Administrative and General	951,428		
11	TOTAL Operation *(Enter Total of lines 3 thru 10)*	3,319,463		
12	Maintenance			
13	Production	44,564		
14	Transmission			
15	Regional Market			
16	Distribution	788,510		
17	Administrative and General			
18	TOTAL Maintenance *(Total of lines 13 thru 17)*	833,074		
19	Total Operation and Maintenance			
20	Production *(Enter Total of lines 3 and 13)*	1,284,550		
21	Transmission *(Enter Total of lines 4 and 14)*	1,336		
22	Regional Market *(Enter Total of lines 5 and 15)*	0		
23	Distribution *(Enter Total of lines 6 and 16)*	1,442,811		
24	Customer Accounts *(Transcribe from line 7)*	216,806		
25	Customer Svc and Informational *(Transcribe from line 8)*	255,606		
26	Sales *(Transcribe from line 9)*	0		
27	Administrative and General *(Enter Total of lines 10 & 17)*	951,428		
28	TOTAL Oper. And Maint. *(Total of lines 20 thru 27)*	4,152,537	50,672	4,203,209
29	**GAS**			
30	Operation			
31	Production-Manufactured Gas			
32	Production-Nat. Gas (Including Expl. And Dev.)			
33	Other Gas Supply	11,064		
34	Storage, LNG Terminaling and Processing			
35	Transmission	5,261		
36	Distribution	32,020		
37	Customer Accounts	14,997		
38	Customer Service and Informational	26,379		
39	Sales			
40	Administrative and General	95,641		
41	TOTAL Operation *(Enter Total of lines 31 thru 40)*	185,362		

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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	2,146		
47	Transmission	4,212		
48	Distribution	40,670		
49	Administrative and General			
50	TOTAL Maint. *(Enter Total of lines 43 thru 49)*	47,028		
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)*	11,064		
55	Storage, LNG Terminaling and Processing *(Total of lines 34 and 46)*	2,146		
56	Transmission *(Lines 35 and 47)*	9,473		
57	Distribution *(Lines 36 and 48)*	72,690		
58	Customer Accounts *(Line 37)*	14,997		
59	Customer Service and Informational *(Line 38)*	26,379		
60	Sales *(Line 39)*	0		
61	Administrative and General *(Lines 40 and 49)*	95,641		
62	TOTAL Operation & Maint. *(total of lines 52 thru 61)*	232,390		232,390
63	**OTHER UTILITY DEPARTMENTS**			
64	Operation and Maintenance			
65	TOTAL All Utility Dept. *(Total of lines 28, 62 & 64)*	4,384,927	50,672	4,435,599
66	**UTILITY PLANT**			
67	Construction (By Utility Departments)			
68	Electric Plant	2,359,219	147,118	2,506,337
69	Gas Plant	146,590		146,590
70	Other			
71	TOTAL Construction *(Total of lines 68 thru 70)*	2,505,809	147,118	2,652,927
72	Plant Removal (By Utility Departments)			
73	Electric Plant	285,881	10,823	296,704
74	Gas Plant	17,763		17,763
75	Other			
76	TOTAL Plant Removal *(Total of lines 73 thru 75)*	303,644	10,823	314,467
77	Other Accounts (Specify):			
78	Clearing Account - Elec Engr, Mapng, Proj Mgmt	176,936	(176,936)	0
79	Clearing Account - Forestry	31,851	(31,851)	0
80	Preliminary Service & Investigating (Acct 183)	27,803		27,803
81	Intercompany:		174	174
82	WE & WG Labor	(4,684,128)		(4,684,128)
83	WBS Labor	(1,338,485)		(1,338,485)
84	WPS Labor	(1,412,712)		(1,412,712)
85	PGL, NSG, MGU, MERC Labor	6		6
86	Other	4,349		4,349
87	TOTAL Other Accounts	(7,194,380)	(208,613)	(7,402,993)
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	2,697,272	2,570,500	126,772
Office furniture & equipment	78,120	74,448	3,672
Total common plant	2,775,392	2,644,948	130,444
Total common CWIP	293,008	279,237	13,771

ACCUMULATED PROVISION FOR DEPRECIATION

	Total
Balance, beginning of year	396,121
Depreciation accruals charged to:	
Depreciation expense	279,366
Net charges for plant retired:	
Book cost of plant retired	3,975
Adjustments/reclassification	
(Gain)/Loss related to asset retirements	2,319
Balance, end of year	673,831

Footnote:	
End balance (above)	673,831
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	673,831

ALLOCATION TO UTILITY DEPARTMENTS - ACCUMULATED PROVISION FOR AMORTIZATION

	Accruals for the Year	Balance End of Year
Electric department	266,235	642,160
Gas department	13,130	31,670
TOTAL	279,365	673,830

Footnotes:	
End Balance - Electric	642,160
Less: 108 ARO Depreciation (Non-Rate base)	0
Add: 182.3 ARO COR Depr (Rate base)	0
Ending Rate Base Reserve - Electric	642,160
End Balance - Gas	31,670
Less: 108 ARO Depreciation (Non-Rate base)	0
Add: 182.3 ARO COR Depr (Rate base)	0
Ending Rate Base Reserve - Gas	31,670

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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	1,276,658
2	5907 Municipal Street			107	155,848
3	Schofield WI 54476				1,432,506
4					
5	Certarus (USA) LTD	Construction Services	Fees	921	288,082
6	PO Box 60403				288,082
7	Midland TX 79711				
8					
9	Hydrite Chemical Co	Contractor Services	Fees	548	447,138
10	8622 N 87th Street				447,138
11	Milwaukee WI 53224				
12					
13	Intercon Construction	Construction Services	Fees	107	1,099,264
14	5512 State Rd 19 & 113				1,099,264
15	Waunakee WI 53597				
16					
17	MJ Electric LLC	Construction Services	Fees	107	528,613
18	200 W Frank Pipp Drive				528,613
19	Iron Mountain MI 49801				
20					
21	Motor Services Hugo Stamp	Engineering Consulting	Fees	553	485,161
22	3190 SW 4th Street				485,161
23	Ft Lauderdale FL 33315				
24					
25	PIC Group Inc	Engineering Consulting	Fees	549	1,052,348
26	11710 N Gessner Rd. Ste. A			553	4,211,912
27	Houston, TX 77064			107	96,239
28					5,360,499
29					
30	SEMCO Energy Inc	Contractor Services	Fees	549	288,000
31	34 E Hwy 41				288,000
32	Negaunee MI 49866				
33					
34	Southern Cross LLC	Contractor Services	Fees	107	1,282,422
35	3175 Corners North Court NW				1,282,422
36	Peachtree Corners GA 30071				
37					
38	Turbo Systems US Inc	Contractor Services	Fees	553	307,403
39	305 Gregson Drive			107	317,553
40	Cary NC 27511				624,956
41					
42	Wartsila North America	Construction Services	Fees	553	163,788
43	11710 N Gessner Road Suite A			107	1,126,397
44	Houston TX 77064				1,290,185
45					
46				**TOTAL**	**13,126,826**

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	04/28/23	December 31, 2022

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	Wisconsin Electric Power Company	Subsidiary of WEC Energy	Generation		
2		Group, Inc.	Operations		
3			Customer Service		
4					
5					
6	Wisconsin Gas LLC	Subsidiary of WEC Energy	Purchase Power		
7		Group, Inc.			
8					
9	Wisconsin Public Service Corporation	Subsidiary of Integrys	Generation		
10		Holding, Inc.	Operations		
11			Property Transfers		
12					
13					
14					
15					
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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) 04/28/23	December 31, 2022

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.
				6,350	(1)	1
				326,185	(1)	2
				205	(1)	3
			Total	**332,740**		4
						5
				211,718	(4)	6
			Total	**211,718**		7
						8
				6,382	(1)	9
				205,510	(1)	10
				7,831	(4)	11
			Total	**219,723**		12
						13
						14
						15
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						22
						23
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						27
						28
						29
						30
			TOTAL	**764,181**		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) 04/28/23	December 31, 2022

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			Human Resources		
8			Communications		
9			Chief Executive		
10			Audit		
11			Dues and Memberships		
12			Legal Affairs and Governance		
13			Environmental		
14			External Affairs		
15			Benefits & Other Corporate Charges		
16			Return, Regulatory, and Other		
17					
18	WEC Energy Group, Inc.	Holding Company	Intercompany Interest		
19					
20	Wisconsin Electric Power Company	Subsidiary of WEC Energy	Generation		
21		Group, Inc.	Operations		
22			Customer Service		
23			Information Technology		
24			Property Transfers		
25					
26	Wisconsin Gas LLC	Subsidiary of WEC Energy	Operations		
27		Group, Inc.			
28					
29	Wisconsin Public Service Corporation	Subsidiary of Integrys	Generation		
30		Holding, Inc.	Operations		
31			Customer Service		
32			Information Technology		
33			Property Transfers		
34			Purchase Power		
35					
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) 04/28/23	December 31, 2022

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.
				38,360	(1)	1
				72,103	(1)	2
				953,838	(1)	3
				456,535	(1)	4
				485,067	(1)	5
				29,315	(1)	6
				1,899	(1)	7
				140,997	(1)	8
				210,355	(1)	9
				33,136	(1)	10
				78,537	(1)	11
				478,982	(1)	12
				127,652	(1)	13
				275,411	(1)	14
				817,748	(4)	15
				(85,032)	(4)	16
			Total	**4,114,903**		17
				609,541	(4)	18
			Total	**609,541**		19
				1,281,413	(1)	20
				15,588,456	(1)	21
				670,223	(1)	22
				5,396	(1)	23
				101,327	(4)	24
			Total	**17,646,815**		25
				1,699	(1)	26
			Total	**1,699**		27
						28
				619,959	(1)	29
				1,776,742	(1)	30
				146,682	(1)	31
				208	(1)	32
				1,232,515	(4)	33
				3,995,941	(4)	34
				7,772,047		35
						36
						37
						38
			TOTAL	**30,145,005**		39

(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 Corportation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

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)*	1,919,823
5	Hydro-Conventional		21	**DISPOSITION OF ENERGY**	
6	Hydro-Pumped Storage		22	Sales to Ultimate Consumers	
7	Other	716,259		(Including Interdepartmental Sales)	1,705,740
8	LESS Energy for Pumping		23	Requirements Sales for Resale	
9	Net Generation *(Total of lines 3 thru 8)*	716,259		(See instruction 4, page 311.)	
10	Purchases	1,203,564	24	Non-Requirements Sales For Resale	
11	Power Exchanges:			(See instruction 4, page 311.)	131,165
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)	827
15	Transmission for other (Wheeling)		27	Total Energy Losses	82,091
16	Received		28	TOTAL *(Enter total of lines 22 thru*	
17	Delivered			*27)* **(MUST equal line 20)**	1,919,823

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	182,068	8,477	273	1	19
30	February	156,690	6,062	284	19	19
31	March	166,705	10,786	267	26	20
32	April	144,748	7,084	259	4	9
33	May	132,875	10,012	205	31	15
34	June	139,371	8,049	254	30	17
35	July	178,717	7,522	278	18	15
36	August	144,333	20,741	266	29	13
37	September	169,875	11,420	258	7	19
38	October	165,291	12,696	245	14	13
39	November	162,920	13,386	250	15	19
40	December	176,230	14,930	248	18	18
41	TOTAL	1,919,823	131,165			

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corportation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

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	6,213			6,468		
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	494,250,000			222,009,000		
13	Cost of plant: Land and Land Rights	527,100			1,594,838		
14	Structures and Improvements	49,693,845			32,006,191		
15	Equipment costs	114,395,440			65,608,109		
16	Asset Retirement Costs	-			-		
17	Total cost	**164,616,385**			**99,209,138**		
18	Cost per KW of Installed capacity (line 5)	**1,250.8844**			**1,759.0273**		
19	Production Expenses: Oper., Supv., & Engr.	231,259			163,023		
20	Fuel	32,732,306			14,668,403		
21	Coolants and Water (Nuclear Plants only)						
22	Steam expenses						
23	Steam from other sources						
24	Steam transferred (credit)						
25	Electric expenses	492,837			237,555		
26	Misc. steam (or nuclear) power expenses	987,550			682,604		
27	Rents						
28	Allowances						
29	Maintenance Supervision and Engineering	12,397			4,365		
30	Maintenance of structures						
31	Maintenance of boiler (or reactor) plant						
32	Maintenance of electric plant	3,343,416			1,582,033		
33	Maintenance of Misc. steam (or nuclear) plant						
34	Total Production Expenses	**37,799,765**			**17,337,983**		
35	Expenses per net KWh	**0.0765**			**0.0781**		
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			4,044,025			1,797,239
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			8.0931			8.0898
42	Avg. cost of fuel burned per million Btu			7.708			7.7046
43	Avg. cost of fuel burned per KWh net gen.			0.066			0.0655
44	Avg. Btu per KWh net generation			8.554			8.472
	Additional Required information						
	Output at system peak			18.78			18.73
	Equivalent Availability Factor (EAF)			93.40			90.58

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corportation	(2) [ ] A Resubmission	04/28/23	December 31, 2022

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						
5						
6						
7						
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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
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corportation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

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 (Not 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 Corportation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

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
25	2					18
22	1					19
4	1					20
11	2					21
7	1					22
						23
						24
						25
						26
221	15					27
44	10					28
265	25					29
285	3					30
550	28					31
						32
						33
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corportation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 4/28/2023	December 31, 2022

SUBSTATIONS - LOAD AT PEAK AND AVERAGE

Per Supplemental Request

Line No.	Name and Location of Substation (a)	2022 Peak MVA (b)	2022 Average MVA (c)
1	Aragon, Norway, MI	7.3	N/A
2	Armory**, Kinsford, MI	16.9	6.8
3	Bass Lake, Iron Mountain, MI	18.2	9.5
4	Bay DeNoc (Menominee)	7.6	4.3
5	Bruce Crossing**, Stannard, MI	3.1	2.1
6	Cornell**, Cornell, MI	2.5	0.9
7	Crystal Falls**, Crystal Falls, MI	7.3	3.9
8	Felch Mountain**, Felch, MI	1.6	1.2
9	Greenstone, Humboldt, MI	2.6	1.9
10	Harris, Harris, MI	7.0	3.6
11	Ingalls (Mellen)	9.3	5.4
12	Land O' Lakes** Watersmeet, MI	5.4	3.9
13	Mass**, Greenland, MI	0.7	0.4
14	Powers**, Spalding, MI	6.6	4.1
15	Sagola, Sagola, MI	9.2	5.6
16	Second St (Menominee)	4.3	2.4
17	Strawberry Hill, Iron River, MI	4.3	2.4
18	Thirtieth Ave (Menominee)	9.4	5.0
19	Watersmeet**, Watersmeet, MI	4.5	2.7
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corportation	(1) [X] An Original (2) [ ] A Resubmission	(Mo, Da, Yr) 04/28/23	December 31, 2022

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	47,339	20,696	5,539
2	Additions During Year	7	383	14
3	Purchases	45	3	0
4	Associated with Utility Plant Acquired			
5	TOTAL Additions (Enter Total of lines 3 and 4)	**52**	**386**	**14**
6	Reduction During Year			
7	Retirements	9,120	271	9
8	Associated with Utility Plant Sold			
9	TOTAL Reductions (Enter Total of lines 7 and 8)	**9,120**	**271**	**9**
10	Number at End of Year (Lines 1+ 5 - 9) *	**38,271**	**20,811**	**5,544**
11	In Stock	172	128	11
12	Locked Meters on Customers' Premises			
13	Inactive Transformers on System		3	0
14	In Customers' Use	38,099	20,666	5,516
15	In Company's Use	0	14	17
16	Total End of Year (Enter Total of lines 11 to 15. This line should equal line 10)	**38,271**	**20,811**	**5,544**

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) [X] An Original	(Mo, Da, Yr)	
Upper Michigan Energy Resources Corportation	(2) [ ] A Resubmission	4/28/2023	December 31, 2022

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	7,114	99,002		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)***	7,114	99,002	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	209,171	
6	Interest on Regulatory Liability (asset)	8,522	
7	Taxes and Fees (include credits)		
8	Administrative and General		
9	Other *(Identify)*		
10	TOTAL	217,693	

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