

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, 2019										
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: <table><tr><td>Name: Scott J. Maas</td><td>Title: Controller - Corporate Services</td></tr><tr><td colspan="2">Address: 700 North Adams Street</td></tr><tr><td>City: Green Bay</td><td>State: WI</td><td>Zip: 54301</td></tr><tr><td colspan="3">Telephone, Including Area Code: (920) 433-1421</td></tr></table>	Name: Scott J. Maas	Title: Controller - Corporate Services	Address: 700 North Adams Street		City: Green Bay	State: WI	Zip: 54301	Telephone, Including Area Code: (920) 433-1421		
Name: Scott J. Maas	Title: Controller - Corporate Services									
Address: 700 North Adams Street										
City: Green Bay	State: WI	Zip: 54301								
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: <table><tr><td>[]</td><td>were forwarded to the Commission</td></tr><tr><td>[]</td><td>will be forwarded to the Commission</td></tr><tr><td></td><td><u>on or about</u></td></tr></table>	[]	were forwarded to the Commission	[]	will be forwarded to the Commission		<u>on or about</u>				
[]	were forwarded to the Commission									
[]	will be forwarded to the Commission									
	<u>on or about</u>									
Annual reports to stockholders: <table><tr><td>[]</td><td>are published</td></tr><tr><td>[X]</td><td>are not published</td></tr></table>	[]	are published	[X]	are not published						
[]	are published									
[X]	are not published									

FOR ASSISTANCE IN COMPLETION OF THIS FORM:

Contact the Michigan Public Service Commission (Heather Cantin) at (517) 284-8266 or cantinh@michigan.gov OR forward correspondence to:

Michigan Public Service Commission
Financial Analysis & Audit Division (Heather Cantin)
7109 W Saginaw Hwy
PO Box 30221
Lansing, MI 48909

INDEPENDENT AUDITORS' REPORT

To the Board of Directors of
Upper Michigan Energy Resources Corporation:
Milwaukee, Wisconsin

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, 2019, 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.

Management's Responsibility 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; this includes 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.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Company's preparation and fair presentation of the financial statements 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, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the regulatory-basis financial statements referred to above present fairly, in all material respects, the assets, liabilities, and proprietary capital of Upper Michigan Energy Resources Corporation as of December 31, 2019, 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 Accounting

As discussed in Note A 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. Our opinion is not modified with respect to this matter.

Restricted Use

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

Deloitte & Touche LLP

April 29, 2020

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 gas company, as classified by the Commission's Uniform System of Accounts must submit this form.

NOTE: Major - A gas company having annual natural gas sales over 50 million Dth in each of the 3 previous calendar years

Nonmajor - A gas company having annual natural gas sales at or below 50 million Dth in each of the 3 previous calendar years.

The class to which any utility belongs shall originally be determined by the average of its annual gas sales for the last three consecutive years. Subsequent changes in classification shall be made when the annual gas sales for each of the three years immediately preceding the years exceeds the upper limit, or is less than the lower limit of the classification previously applicable to the utility.

III. What and Where to Submit:

(a) **Submit an original copy of this form to:**

Michigan Public Service Commission (Financial Analysis & Audit Division)
Financial Analysis and Customer Choice Section
4300 W. Saginaw Hwy.
Lansing, MI 48917

Retain one copy of this report for your files. Also submit the electronic version of this record to Heather Cantin at the address below or to cantinh@michigan.gov

(b) Submit immediately upon publication, one (1) copy of the latest annual report to
Michigan Public Service Commission (Financial Analysis & Audit Division)
Financial Analysis and Customer Choice Section
4300 W. Saginaw Hwy
Lansing, MI 48917

(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

<u>Schedules</u>	<u>Reference Page</u>
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 (Financial Analysis & Audit Division)
 Financial Analysis and Customer Choice Section
 4300 W. Saginaw Hwy.
 Lansing, MI 48917

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:

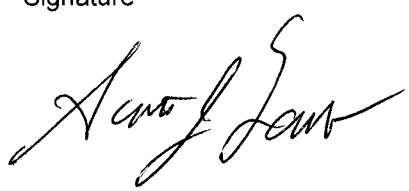
Michigan Public Service Commission (Financial Analysis & Audit Division)
Financial Analysis and Customer Choice Section
4300 W. Saginaw Hwy
Lansing, MI 48917
- IX. Provide a supplemental statement further explaining accounts or pages as necessary. Attach the supplemental statement (8 1/2 x 11 inch size) 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, 2019	
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) 700 North Adams Street, Green Bay, Wisconsin 54301		
08 Telephone of Contact Person, Including Area Code: (920) 433-1421	09 This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	10 Date of Report (Mo, Da, Yr) April 29, 2020
ATTESTATION		
<p>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.</p>		
01 Name Scott J. Lauber	03 Signature 	04 Date Signed (Mo, Da, Yr) April 29, 2020
02 Title Senior Executive Vice President and CFO		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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	None	
Corporations Controlled by Respondent	103		
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		
Construction Work in Progress - Electric	M 216	None	
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		
Material and Supply	227		
Allowances	228-229	None	
Extraordinary Property Losses	230B		
Unrecovered Plant and Regulatory Study Costs	230B	None	
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) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 4/29/2020	December 31, 2019
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		
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) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 4/29/2020	December 31, 2019
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	None	
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		
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	Page 280A-None	
Income from Utility Plant Leased to Others	281	None	
Particulars Concerning Certain Other Income Accounts	282		
Electric Operation and Maintenance Expenses (Nonmajor)	320N-324N	Not Applicable	
Number of Electric Department Employees	324N	Not Applicable	
Sales to Railroad & Railways and Interdepartmental Sales	331A		
Rent From Electric Property & Interdepartmental Rents	331A		
Sales of Water and Water Power	331B	None	
Misc. Service Revenues & Other Electric Revenues	331B		
Lease Rentals Charged	333A-D	None	
Expenditures for Certain Civic, Political and Related Activities	341		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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	
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 Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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.

Scott J. Lauber
Senior 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. No

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019		
CONTROL OVER RESPONDENT & OTHER ASSOCIATED COMPANIES					
<p>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.</p> <p>2. List any entities which respondent did not control either directly or indirectly and which did not control respondent, but which were associated companies at any time during the year.</p> <p>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.</p>					
<p>1. Upper Michigan Energy Resources Corporation is a wholly owned subsidiary of WEC Energy Group, Inc.</p> <p>2. Associated companies include:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> 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 Bluewater Gas Storage, LLC Bluewater National Gas Holding, LLC Coyote Ridge Wind, LLC Elm Road Generating Station Supercritical, LLC Elm Road Services, LLC Integrays Holding, Inc. 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 Port Washington Generation Station, LLC SSS Holdings, LLC State Energy Services, LLC </td> <td style="width: 50%; vertical-align: top;"> The Peoples Gas Light and Coke Company Upstream Wind Energy Holdings LLC Upstream Wind Energy LLC W.E. Power, LLC WEC Business Services LLC WEC Infrastructure LLC WEC Investments, LLC We Energies Foundation, Inc. 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. </td> </tr> </table> <p>* WPS Power Development, LLC is the parent company of our non-regulated power generation subsidiaries.</p>				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 Bluewater Gas Storage, LLC Bluewater National Gas Holding, LLC Coyote Ridge Wind, LLC Elm Road Generating Station Supercritical, LLC Elm Road Services, LLC Integrays Holding, Inc. 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 Port Washington Generation Station, LLC SSS Holdings, LLC State Energy Services, LLC	The Peoples Gas Light and Coke Company Upstream Wind Energy Holdings LLC Upstream Wind Energy LLC W.E. Power, LLC WEC Business Services LLC WEC Infrastructure LLC WEC Investments, LLC We Energies Foundation, Inc. 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.
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 Bluewater Gas Storage, LLC Bluewater National Gas Holding, LLC Coyote Ridge Wind, LLC Elm Road Generating Station Supercritical, LLC Elm Road Services, LLC Integrays Holding, Inc. 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 Port Washington Generation Station, LLC SSS Holdings, LLC State Energy Services, LLC	The Peoples Gas Light and Coke Company Upstream Wind Energy Holdings LLC Upstream Wind Energy LLC W.E. Power, LLC WEC Business Services LLC WEC Infrastructure LLC WEC Investments, LLC We Energies Foundation, Inc. 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 Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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CONTROL OVER RESPONDENT & OTHER ASSOCIATED COMPANIES

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

3. WEC Energy Group, Inc. Subsidiaries (Exhibit 21.1 to the 2019 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
- Integrays Holding, Inc.
 - Michigan Gas Utilities Corporation
 - Minnesota Energy 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
 - Bishop Hill Energy III Holdings LLC
 - Bishop Hill Energy III LLC
 - Coyote Ridge Wind, LLC
- WEC Investments, LLC
- Wisconsin Electric Power Company
- Wisconsin Energy Capital Corporation
- Wisconsin Energy Services, LLC
 - State Energy Services, LLC
- 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, 2019. Indirectly owned subsidiaries are listed under the subsidiaries through which WEC Energy Group, Inc. holds ownership.

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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 (a)	Base Wages (b)	Other Compensation (c)	Type of Other Compensation (d)	Total Compensation (e)
1	J. Kevin Fletcher President	7,936	19,792	A	27,728
2	Scott J. Lauber (1) EVP, CFO, and Treasurer	5,727	9,279	A	15,006
3	Anthony L. Reese (1) VP and Treasurer	201	117	A	318
4	Margaret C. Kelsey EVP, General Counsel, and Corporate Secretary	3,212	4,879	A	8,091

Footnote Data

- | | |
|---|--|
| 1 | Anthony L. Reese was appointed VP and Treasurer effective October 6, 2019, to succeed Scott J. Lauber (was Treasurer until October 5, 2019). |
| 2 | |
| 3 | |
| 4 | |

Compensation Type Codes:

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

Name of Respondent	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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 President	231 West Michigan Street Milwaukee, WI 53203	7	None
2 Margaret C. Kelsey Executive VP, Corporate Secretary, and General Counsel	231 West Michigan Street Milwaukee, WI 53203	7	None
3 Scott J. Lauber Executive VP, and CFO; and Treasurer through 10/5/2019	231 West Michigan Street Milwaukee, WI 53203	7	None
4 Tom Metcalfe	231 West Michigan Street Milwaukee, WI 53203	7	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 Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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

Meeting conducted by unanimous consent of the sole shareholder on May 13, 2019.

3. Give the date and place of such meeting:

Directors were elected May 13, 2019, via unanimous consent of the sole shareholder, WEC Energy Group, Inc., in lieu of an annual meeting.

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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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#	<u>RESPONSE/NOTES TO INSTRUCTION #</u>
2	Not applicable
3	Not applicable
4	Not applicable

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
IMPORTANT CHANGES DURING THE YEAR			
<p>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 information which answers an inquiry is given elsewhere in the report, make a reference to the schedule in which it appears.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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</p> <p>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.</p> <p>6. Obligations incurred or assumed by respondent as guarantor for the performance by another of any agreement or obligation, including ordinary commercial paper maturing on demand or not later than one year after date of issue: State on behalf of whom the obligation was assumed and amount of the obligation. Give reference to Commission authorization if any was required.</p> <p>7. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.</p> <p>8. State the estimated annual effect and nature of any important wage scale changes during the year.</p> <p>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.</p> <p>10. Describe briefly any 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.</p> <p>11. Estimated increase or decrease in annual revenues due to important rate changes: State effective date and approximate amount of increase or decrease of each revenue classification. State the number of customers affected.</p> <p>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 instructions 1 to 11 above, such notes may be attached to this page.</p>			

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
IMPORTANT CHANGES DURING THE YEAR (Continued)			
<p>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.</p> <ol style="list-style-type: none"> 1. None. 2. None. 3. None. 4. None. 5. None. 6. At December 31, 2019, UMERC had \$9,000,000 of short term notes payable to WEC Energy Group. On August 28, 2019, UMERC issued \$160,000,000 principal amount of 3.26% Senior Notes due August 28, 2029. FERC authorization was issued on June 5, 2019 under an order authorizing issuance of securities in Docket ES19-23-000. 7. There have been no changes to the Articles of Incorporation (filed September 20, 2016). 8. None. 9. See UMERC Condensed Notes to Financial Statements, Note 10, Commitments and Contingencies. 10. No material transactions to report. 11. Reserved. 12. Not applicable. 13. No Director Changes in 2019. Officer Changes: Anthony L. Reese was appointed as VP and Treasurer to succeed Scott J. Lauber effective October 6, 2019. Mr. Lauber will retain his title of EVP and Chief Financial Officer. 14. Not applicable. 			

Name of Respondent		This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 4/29/2020	December 31, 2019
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, 118)	200-201	197,521,984	464,519,460
3	Construction Work in Progress (107)	200-201	201,393,171	1,585,721
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		398,915,155	466,105,181
5	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 111, 115, 119)		76,456,708	84,535,248
6	Net Utility Plant (Enter Total of line 4 less 5)		322,458,447	381,569,933
7	Nuclear Fuel (120.1-120.4, 120.6)			
8	(Less) Accum. Prov. for Amort. of Nucl. Fuel Assemblies (120.5)			
9	Net Nuclear Fuel (Enter Total of line 7 less 8)			
10	Net Utility Plant (Enter Total of lines 6 and 9)		322,458,447	381,569,933
11	Utility Plant Adjustments (116)	122-123		
12	Gas Stored-Base Gas (117.1)	220		
13	System Balancing Gas (117.2)	220		
14	Gas Stored in Reservoirs and Pipelines-Noncurrent (117.3)	220		
15	Gas Owed to System Gas (117.4)	220		
16	OTHER PROPERTY AND INVESTMENTS			
17	Nonutility Property (121)	221		
18	(Less) Accum. Prov. for Depr. and Amort. (122)	221		
19	Investments in Associated Companies (123)	222-223		
20	Investments in Subsidiary Companies (123.1)	224-225		
21	(For cost of Account 123.1 See Footnote Page 224, line 42)			
22	Noncurrent Portion of Allowances	---		
23	Other Investments (124)			
24	Sinking Funds (125)			
25	Depreciation Fund (126)			
26	Amortization Fund - Federal (127)			
27	Other Funds (128)			
28	LT Portion of Derivative Assets (175)			
29	LT Portion of Derivative Assets - Hedges (176)			
30	TOTAL Other Property and Investments (Total of lines 17 thru 29)			
31	CURRENT AND ACCRUED ASSETS			
32	Cash (131)	---	59,423	506,646
33	Special Deposits (132-134)	---		
34	Working Fund (135)	---		
		222-223		
35	Notes Receivable (141)	228A		
36	Customer Accounts Receivable (142)	228A	7,071,015	7,319,012
37	Other Accounts Receivable (143)	228A	29,405,569	28,857
38	(Less) Accum. Prov. for Uncoll. Acct.-Credit (144)	228A	443,583	714,211
39	Notes Receivable from Associated Companies (145)	228B		
40	Accounts Receivable from Associated Companies (146)	228B	7,408,224	19,730,178
41	Fuel Stock (151)	228C		
42	Fuel Stock Expenses Undistributed (152)	228C		
43	Residuals (Elec) and Extracted Products (Gas) (153)	228C		
44	Plant Materials and Operating Supplies (154)	228C	6,590	3,078,320
45	Merchandise (155)	228C		
46	Other Materials and Supplies (156)	228C		
47	Nuclear Material Held for Sale (157)	228C		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Month, Day, Year) 4/29/2020	Year of Report December 31, 2019
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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)
49	Allowances (158.1 and 158.2)	---		
50	(Less) Noncurrent Portion of Allowances	---		
51	Stores Expense Undistributed (163)	227C		
52	Gas Stored Underground-Current (164.1)	220		
53	Liquefied Natural Gas Stored and Held for Processing (164.2-164.3)	220		
54	Prepayments (165)	226,230	206,190	130,510
55	Advances for Gas (166-167)	229		
56	Interest and Dividends Receivable (171)	---		
57	Rents receivable (172)	---		
58	Accrued Utility Revenues (173)	---	3,305,789	9,311,194
59	Miscellaneous Current and Accrued Assets (174)	---	193,738	33,015
60	Derivative Instrument Assets (175)			196,917
61	(Less) LT Portion of Derivative Instrument Assets (175)			
62	Derivative Instrument Assets - Hedges (176)			
63	(Less) Derivative Instrument Assets - Hedges (176)			
64	TOTAL Current and Accrued Assets (Enter Total of lines 32 thru 63)		47,212,955	39,620,438
65	DEFERRED DEBITS			
66	Unamortized Debt Expenses (181)	---		1,228,988
67	Extraordinary Property Losses (182.1)	230		
68	Unrecovered Plant & Regulatory Study Costs (182.2)	230		12,160,325
69	Other Regulatory Assets (182.3)	232	10,452,156	10,076,845
70	Prelim. Survey & Invest. Charges (Electric) (183)	---	209	145,283
71	Prelim. Survey & Invest. Charges (Gas) (183.1, 183.2)	231	863	
72	Clearing Accounts (184)	---		(19)
73	Temporary Facilities	---		
74	Miscellaneous Deferred Debits (186)	233	320,760	226,556
75	Def. Losses from Disposition of Utility Plant (187)	---		
76	Research, Devel. and Demonstration Expend. (188)	352-353		
77	Unamortized Loss on Reacquired Debt (189)	---		
78	Accumulated Deferred Income Taxes (190)	234-235	5,874,022	5,426,945
79	Unrecovered Purchased Gas Costs (191)	---		
80	TOTAL Deferred Debits (Enter Total of lines 66 thru 79)		16,648,010	29,264,923
81	TOTAL Assets and Other Debits (Enter Total of lines 10 - 15, 30, 64 and 80)		386,319,412	450,455,294

Name of Respondent		This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Month, Day, Year) 4/29/2020	December 31, 2019
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	112,931,688	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	20,156,385	29,739,393
12	Unappropriated Undistributed Subsidiary Earnings (216.1)	118-119		
13	(Less) Reacquired Capital Stock (217)	250-251		
14	Accumulated Other Comprehensive Income (219)	117		
15	TOTAL Proprietary Capital (Enter Total of lines 2 thru 14)		133,088,093	199,165,189
16	LONG-TERM DEBT			
17	Bonds (221)	256-257		160,000,000
18	(Less) Reacquired Bonds (222)	256-257		
19	Advances from Associated Companies (223)	256-257	150,000,000	
20	Other Long-Term Debt (224)	256-257		
21	Unamortized Premium on Long-Term Debt (225)	258-259		
22	(Less) Unamortized Discount on Long-Term Debt-Debit (226)	258-259		
23	(Less) Current Portion of Long-Term Debt			
24	TOTAL Long-Term Debt (Enter Total of lines 17 thru 23)		150,000,000	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)	---	87,000	60,000
31	Accumulated Provision for Rate Refunds (229)	---		
32	LT Portion of Derivative Instrument Liabilities			
33	LT Portion of Derivative Instrument Liabilities - Hedges			
34	Asset Retirement Obligations (230)			
35	TOTAL Other Noncurrent Liabilities		87,000	60,000
36	CURRENT AND ACCRUED LIABILITIES			
37	Current Portion of Long-Term Debt			
38	Notes Payable (231)	260A		
39	Accounts Payable (232)	---	986,887	6,332,805
40	Notes Payable to Associated Companies (233)	260A	42,501,837	9,000,000
41	Accounts Payable to Associated Companies (234)	260A	15,915,428	15,698,290
42	Customer Deposits (235)	---	5,510	5,769
43	Taxes Accrued (236)	262-263	3,441,380	4,316,793
44	Interest Accrued (237)	---		1,782,133
45	Dividends Declared (238)	---		
46	Matured Long-Term Debt (239)	---		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report is (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Month, Day, Year) 4/29/2020	Year of Report December 31, 2019
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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)
47	Matured Interest (240)			
48	Tax Collections Payable (241)			59,795
49	Misc. Current and Accrued Liabilities (242)		307,839	972,874
50	Obligations Under Capital Leases-Current (243)			
51	Derivative Instrument Liabilities (244)			
52	(Less) LT Portion of Derivative Instrument Liabilities			
53	Derivative Instrument Liabilities - Hedges (245)			
54	(Less) LT Portion of Derivative Instrument Liabilities - Hedges			
55	Federal Income Taxes Accrued for Prior Years (246)			
56	State and Local Taxes Accrued for Prior Years (246.1)			
57	Federal Income Taxes Accrued for Prior Years - Adjustments (247)			
58	State and Local Taxes Accrued for Prior Years - Adjustments (247.1)			
59	TOTAL Current and Accrued Liabilities (Enter total of lines 37 thru 58)		63,158,881	38,168,459
60	DEFERRED CREDITS			
61	Customer Advances for Construction (252)		209,565	241,628
62	Accumulated Deferred Investment Tax Credits (255)			
63	Deferred Gains from Disposition of Utility Plt. (256)			
64	Other Deferred Credits (253)			
65	Other Regulatory Liabilities (254)		15,586,967	17,240,060
66	Unamortized Gain on Reacquired Debt (257)			
67	Accumulated Deferred Income Taxes - Accelerated Amortization (281)			
68	Accumulated Deferred Income Taxes - Other Property (282)		20,331,276	28,903,232
69	Accumulated Deferred Income Taxes - Other (283)		3,857,630	6,676,726
70	TOTAL Deferred Credits (Enter Total of lines 61 thru 69)		39,985,438	53,061,646
71	TOTAL Liabilities and Other Credits (Enter total of lines 15, 24, 35, 59 and 70)		386,319,412	450,455,294

Name of Respondent Upper Michigan Energy Resources Corporation	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Month, Day, Year) 4/29/2020	Year of Report December 31, 2019
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STATEMENT OF INCOME FOR THE YEAR

- | | |
|--|--|
| <p>1. Report amounts for accounts 412 and 413, <i>Revenue and Expenses from Utility Plant Leased to Others</i>, 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.</p> <p>2. Report amounts in account 414, <i>Other Utility Operating Income</i>, in the same manner as accounts 412 and 413 above.</p> <p>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.</p> <p>4. Use page 122 for Important notes regarding the statement of income or any account thereof.</p> | <p>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</p> <p>6. Give concise explanations concerning significant amounts of any refunds made or received during the year</p> |
|--|--|

Line No.	Account (a)	(Ref.) Page No. (b)	TOTAL	
			Current Year (c)	Previous Year (d)
1	UTILITY OPERATING INCOME			
2	Operating Revenues (400)	300-301	124,163,624	76,515,747
3	Operating Expenses			
4	Operation Expenses (401)	320-325	75,946,985	55,610,630
5	Maintenance Expenses (402)	320-325	4,948,839	2,331,611
6	Depreciation Expenses (403)	336-338	11,071,126	4,656,510
7	Depreciation Expense for Asset Retirement Costs (403.1)			
8	Amort. & Depl. Of Utility Plant (404-405)	336-338	71,673	43,661
9	Amort. Of Utility Plant Acq. Adj. (406)	336-338		
10	Amort. Of Property Losses, Unrecovered Plant and Regulatory Study Costs (407.1)		242,848	
11	Amort. Of Conversion Expenses (407.2)			
12	Regulatory Debits (407.3)		539,372	539,372
13	(Less) Regulatory Credits (407.4)		7,560	7,560
14	Taxes Other Than Income Taxes (408.1)	262-263	4,732,392	2,899,721
15	Income Taxes - Federal (409.1)	262-263	(3,118,297)	4,035,478
16	Income Taxes - Other (409.1)	262-263	557,919	1,234,983
17	Provision for Deferred Income Taxes (410.1)	234,272-277	21,806,806	149,628,201
18	(Less) Provision for Deferred Income Taxes Cr. (411.1)	234,272-277	13,872,917	152,531,850
19	Investment Tax Credit Adj. - Net (411.4)	266		
20	(Less) Gains from Disp. Of Utility Plant (411.6)			
21	Losses from Disp. Of Utility Plant (411.7)			
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)		102,919,186	68,440,757
26	Net Utility Operating Income (Enter Total of line 2 less 25) (Carry forward to page 117, line 27)		21,244,438	8,074,990

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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		Line No.
Current Year (e)	Previous Year (f)	Current Year (g)	Previous Year (h)	Current Year (i)	Previous Year (j)	
						1
119,986,637	72,535,953	4,176,987	3,979,794			2
						3
72,513,075	52,190,207	3,433,910	3,420,423			4
4,904,884	2,211,419	43,955	120,192			5
10,866,167	4,486,068	204,959	170,442			6
						7
64,156	41,609	7,517	2,052			8
						9
242,848						10
						11
539,372	539,372					12
7,560	7,560					13
4,020,865	2,096,593	711,527	803,128			14
(2,611,534)	4,306,166	(506,763)	(270,688)			15
718,309	1,256,599	(160,390)	(21,616)			16
19,034,342	146,226,391	2,772,464	3,401,810			17
11,728,262	149,282,675	2,144,655	3,249,175			18
						19
						20
						21
						22
						23
						24
98,556,662	64,064,189	4,362,524	4,376,568			25
21,429,975	8,471,764	(185,537)	(396,744)			26

Name of Respondent		This Report is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Month, Day, Year) 4/29/2020	December 31, 2019
STATEMENT OF INCOME PER THE YEAR (Continued)				
Line No.	Account (a)	(Ref.) Page No. (b)	TOTAL	
			Current Year (c)	Previous Year (d)
27	Net Utility Operating Income (Carried forward from Page 114)	-	21,244,438	8,074,990
28	Other Income and Deductions			
29	Other Income			
30	Nonutility Operating Income			
31	Revenue From Merchandising, Jobbing and Contract Work (415)			
32	(Less Costs and Exp. Of Merchandising, Job & Contract Work (416)			
33	Revenue From Non Utility Operations (417)			
34	(Less) Expenses of Nonutility Operations (417.1)			
35	Nonoperating Rental Income (418)			
36	Equity in Earnings of Subsidiary Companies (418.1)	119		
37	Interest and Dividend Income (419)		1,387	
38	Allowance for Other Funds Used During Construction (419.1)		3,273,079	5,447,521
39	Miscellaneous Nonoperating Income (421)		162,380	707,456
40	Gain on Disposition of Property (421.1)			
41	TOTAL Other Income (Enter Total of lines 31 thru 40)		3,436,846	6,154,977
42	Other Income Deductions			
43	Loss on Disposition of Property (421.2)		13,065	
44	Miscellaneous Amortization (425)	340		
45	Donations (426.1)	340		0
46	Life Insurance (426.2)			
47	Penalties (426.3)			
48	Expenditures for Certain Civic, Polititcal, and Related Activities (426.4)		7,685	2,517
49	Other Deductions (426.5)		3,233	1,498
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)		23,983	4,015
51	Taxes Applic. To Other Income and Deductions			
52	Taxes Other Than Income Taxes (408.2)	262-263	203	201
53	Income Taxes -- Federal (409.2)	262-263	102,564	(1,647,043)
54	Income Taxes -- Other (409.2)	262-263	31,174	(395,187)
55	Provision for Deferred Inc. Taxes (410.2)	234,272-277	187,389	2,886,154
56	(Less) Provision for Deferred Income Taxes --Cr. (411.2)	234,272-277	243,134	1,045,748
57	Investment Tax Credit Adj. -- Net (411.5)			
58	(Less) Investment Tax Credits (420)			
59	TOTAL Taxes on Other Inc. and Ded. (Total of 52 thru 58)		78,196	(201,623)
60	Net Other Income and Deductions (Enter Total of lines 41, 50, 59)		3,334,667	6,352,585
61	Interest Charges			
62	Interest on Long-Term Debt (427)		1,782,133	
63	Amort. Of Debt Disc. And Expenses (428)	258-259	42,456	
64	Amortization of Loss on Reacquired Debt (428.1)			
65	(Less) Amort. Of Premium on Debt-Credit (429)	258-259		
66	(Less) Amortization of Gain on Reacquired Debt-Credit (429.1)			
67	Interest on Debt to Assoc. Companies (430)	340	697,549	629,737
68	Other Interest Expenses (431)	340	3,799,518	3,606,552
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr.(432)		1,325,559	2,345,504
70	Net Interest Charges (Enter Total of lines 62 thru 69)		4,996,097	1,890,785
71	Income Before Extraordinary items (Enter Total of lines 27, 60 and 70)		19,583,008	12,536,790
72	Extraordinary Items			
73	Extraordinary Income (434)			
74	(Less) Extraordinary Deductions (435)			
75	Net Extraordinary Items (Enter Total of line 73 less line 74)			
76	Income Taxes--Federal and Other (409.3)	262-263		
77	Extraordinary Items After Taxes (Enter Total of line 75 less line 76)			
78	Net Income (Enter Total of Lines 71 and 77)		19,583,008	12,536,790

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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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. 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.

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.

Line No.	Electric Utility	Gas Utility
1 Debits to Account 410 from:		
2 Account 190	1,416,920	80,800
3 Account 281		
4 Account 282	13,924,115	2,368,087
5 Account 283	3,693,307	323,577
6 Account 284		
7 Reconciling Adjustments		
8 TOTAL Account 410.1 (on pages 114-115 line 17)	19,034,342	2,772,464
9 TOTAL Account 410.2 (on page 117 line 55)		
10 Credits to Account 411 from:		
11 Account 190	1,276,318	32,969
12 Account 281		
13 Account 282	6,591,490	2,060,388
14 Account 283	3,860,454	51,298
15 Account 284		
16 Reconciling Adjustments		
17 TOTAL Account 411.1 (on page 114-115 line 18)	11,728,262	2,144,655
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 Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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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
	1,497,720	920	1,498,640	2
				3
	16,292,202		16,292,202	4
	4,016,884	186,469	4,203,353	5
				6
				7
0	21,806,806			8
		187,389		9
				10
	1,309,287	920	1,310,207	11
				12
	8,651,878		8,651,878	13
	3,911,752	242,214	4,153,966	14
				15
				16
0	13,872,917			17
		243,134		18
				19
				20
				21
				22
				23
				24
0	0	0		25
		0		26
		0		27

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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STATEMENT OF RETAINED EARNINGS FOR THE YEAR

- | | |
|--|---|
| <p>1. Report all changes in appropriate retained earnings, unappropriated retained earnings, and unappropriated undistributed subsidiary earnings for the year.</p> <p>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).</p> <p>3. State the purpose and amount for each reservation or appropriation of retained earnings.</p> <p>4. List first account 439, <i>Adjustments to Retained Earnings</i>, reflecting adjustments to the opening balance of retained earnings. Follow by credit, then debit, items in that order.</p> | <p>5. Show dividends for each class and series of capital stock.</p> <p>6. Show separately the state and federal income tax effect of items shown in account 439, <i>Adjustments to Retained Earnings</i>.</p> <p>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.</p> <p>8. If any notes appearing in the report to stockholders are applicable to this statement, attach them at page 122.</p> |
|--|---|

Line No.	Item (a)	Contra Primary Account Affected (b)	Amount (c)
	UNAPPROPRIATED RETAINED EARNINGS (Account 216)		
1	Balance - Beginning of Year		20,156,385
2	Changes (<i>Identify by prescribed retained earnings accounts</i>)		
3	Adjustments to Retained Earnings (Account 439)		
4	Credit:		
5	Credit:		
6	Credit:		
7	TOTAL Credits to Retained Earnings (Acct. 439)		
8			
9			
10			
11			
12			
13	TOTAL Debits to Retained Earnings (Acct. 439)		
14	Balance Transferred from Income (Account 433 Less Account 418.1)		19,583,008
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			
24			
25			
26			
27			
28	TOTAL Dividends Declared - Preferred Stock (Account 437)		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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		(10,000,000)
31	Dividends of Deferred Comp Fixed Stock		
32	Dividends Tax on Dividends of Deferred Comp Fixed Stock		
33	Dividends Declared on Restricted Stock		
34	Deferred Tax on Dividends of Restricted Stock		
35	TOTAL Dividends Declared - Common Stock (Account 438)		(10,000,000)
36	Transfers from Account 216.1, Unappropriated Undistributed Subsidiary Earnings	216.1	
37	Balance - End of Year (Enter Total of lines 1 thru 36)		29,739,393
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)		
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)		29,739,393
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	Transfers to Account 216		
51	Balance - End of Year (Enter Total of lines 47 thru 50)		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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STATEMENT OF CASH FLOWS

1. If the notes to the cash flow statement in the respondents annual stockholders report are applicable to this statement, such notes should be attached to page 122. Information about noncash investing and financing activities should be provided on page 122. Provide also on page 122 a reconciliation between "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 page 122 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:	
2	Net Income (Line 72(c) on page 117)	19,583,009
3	Noncash Charges (Credits) to Income:	
4	Depreciation and Depletion	11,071,126
5	Amortization of Other	356,977
6		
7		
8	Deferred Income Taxes (Net)	7,878,143
9	Investment Tax Credit Adjustments (Net)	
10	Net (Increase) Decrease in Receivables	(12,319,429)
11	Net (Increase) Decrease in Inventory	(3,071,730)
12	Net (Increase) Decrease in Allowances Inventory	
13	Net Increase (Decrease) in Payables and Accrued Expenses	8,604,158
14	Net (Increase) Decrease in Other Regulatory Assets	752,598
15	Net Increase (Decrease) in Other Regulatory Liabilities	152,275
16	(Less) Allowance for Other Funds Used During Construction	3,273,079
17	(Less) Undistributed Earnings from Subsidiary Companies	
18	Other: Increase in Other Current Assets	(6,013,713)
19	Other: Decrease in Other Current Liabilities	3,480,901
20	Other (provide details in footnote):	(86,843)
21		
22	Net Cash Provided by (Used in) Operating Activities (Total of Lines 2 thru 20)	27,114,393
23		
24	Cash Flows from Investment Activities:	
25	Construction and Acquisition of Plant (including land):	
26	Gross Additions to Utility Plants (less nuclear fuel)	(72,349,807)
27	Gross Additions to Nuclear Fuel	
28	Gross Additions to Common Utility Plant	(12,862)
29	Gross Additions to Nonutility Plant	
30	(Less) Allowance for Other Funds Used During Construction	(3,273,079)
31	Other: Allowance for Borrowed Funds Used During Construction	
32		
33		
34	Cash Outflows for Plant (Total of lines 26 thru 33)	(69,089,590)
35		
36	Acquisition of Other Noncurrent Assets (d)	
37	Proceeds from Disposal of Noncurrent Assets (d)	
38		
39	Investments in and Advances to Assoc. and Subsidiary Companies	
40	Contributions and Advances from Assoc. 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 Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
STATEMENT OF CASH FLOWS (Continued)			
4. Investing Activities Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed on page 122. 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 page 122.		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 page 122 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	28,195,700	
54			
55			
56			
57	Net Cash Provided by (Used in) Investment Activities (Total of lines 34 thru 55)	(40,893,890)	
58			
59	Cash Flows from Financing Activities		
60	Proceeds from Issuance of:		
61	Long-Term Debt (b)	160,000,000	
62	Preferred Stock		
63	Common Stock		
64	Other: Equity Contribution from Parent	49,000,000	
65			
66	Net Increase in Short-Term Debt (c)		
67	Other:		
68			
69			
70	Cash Provided by Outside Sources (Total of lines 61 thru 69)	209,000,000	
71			
72	Payments for Retirement of:		
73	Long-Term Debt (b)	(150,000,000)	
74	Preferred Stock		
75	Common Stock		
76	Other: see footnote	(1,271,443)	
77			
78	Net Decrease in Short-Term Debt (c)	(33,501,837)	
79			
80	Dividends on Preferred Stock		
81	Dividends on Common Stock	(10,000,000)	
82	Net Cash Provided by (Used in) Financing Activities		
83	(Total of lines 70 thru 81)	14,226,720	
84			
85	Net Increase (Decrease) in Cash and Cash Equivalents		
86	(Total of lines 22, 57 and 83)	447,223	
87			
88	Cash and Cash Equivalents at Beginning of Year	59,423	
89			
90	Cash and Cash Equivalents at End of Year	506,646	

Name of Respondent		This Report Is:		Date of Report	Year of Report
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		(Mo, Da, Yr) 4/29/2020	December 31, 2019
FOOTNOTE DATE					
Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)		
120	20	b	Other Operating		
			Net change in other deferred assets and liabilities	\$	(49,988)
			Net pension and postretirement benefits		-
			Other operating		(36,855)
			TOTAL	\$	(86,843)
121	53	b	Other Investing		
			Cost of removal	\$	(1,110,028)
			AFUDC - borrowed		-
			Reimbursement for ATC's construction costs		32,404,363
			Payment for ATC's construction costs that will be reimbursed		(3,007,545)
			Other investing		(91,090)
			TOTAL	\$	28,195,700
121	76	b	Other Financing		
			Payment of debt issuance costs	\$	(1,271,443)
			TOTAL	\$	(1,271,443)

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 4/29/2020	Year of Report December 31, 2019
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NOTES TO FINANCIAL STATEMENTS

<p>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.</p> <p>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.</p> <p>3. For Account 116, <i>Utility Plant Adjustments</i>, explain the origin of such amount, debits and credits during the year,</p>	<p>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.</p> <p>4. Where Accounts 189, <i>Unamortized Loss on Reacquired Debt</i>, and 257, <i>Unamortized Gain on Reacquired Debt</i>, are not used, give an explanation, providing the rate treatment given these items. See General Instruction 17 of the Uniform System of Accounts.</p> <p>5. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.</p> <p>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 attached hereto.</p>
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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [] A Resubmission	Date of Report (Mo, Da, Yr) April 29, 2020	Year of Report December 31, 2019
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NOTES TO FINANCIAL STATEMENTS

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
SAB	Staff Accounting Bulletin

Environmental Terms

CO ₂	Carbon Dioxide
GHG	Greenhouse Gas

Other Terms and Abbreviations

AIA	Affiliated Interest Agreement
MISO	Midcontinent Independent System Operator, Inc.
MISO Energy Markets	MISO Energy and Operating Reserves Market
Tax Legislation	Tax Cuts and Jobs Act of 2017
Tilden	Tilden Mining Company

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) April 29, 2020	Year of Report December 31, 2019
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NOTES TO FINANCIAL STATEMENTS

UPPER MICHIGAN ENERGY RESOURCES CORPORATION
2019 FINANCIAL STATEMENT NOTES, MODIFIED FOR REQUIREMENTS OF THE FERC
SUPPLEMENTAL NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

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

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

Accounting for MISO Energy Transactions

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

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

<i>(in millions)</i>	Operating Revenues (Account 400; Page 114; Line 2)		Purchased Power (Account 555; Page 321; Line 76)	
	2019	2018	2019	2018
GAAP *	\$122.3	\$76.5	\$29.4	\$38.9
Regulatory reporting adjustments:				
Netted energy transactions	1.8	-	1.8	-
Other	0.1	-	0.1	-
FERC Form 1	\$124.2	\$76.5	\$31.3	\$38.9

* For GAAP Operating Revenues, see Income Statement in the GAAP Annual Report.

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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:

<i>(in millions)</i>	Regulatory Assets (Account 182.2 and 182.3; Page 111; Line 71-72)		Regulatory Liabilities (Account 254; Page 113; Line 60)	
	2019	2018	2019	2018
GAAP (See Note 4)	\$19.2	\$7.4	\$32.1	\$30.5
Regulatory reporting adjustments:				
Recognition of equity carrying cost for FERC	3.0	3.1	-	-
Non-ARO cost of removal	-	-	(14.8)	(14.9)
ASU 2017-07 pension and postretirement non-service cost	-	-	(0.1)	-
FERC Form 1	\$22.2	\$10.5	\$17.2	\$15.6

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

We collect future removal costs in rates for many assets that do not have an associated legal ARO. The liability for the estimated future removal costs collected in rates is recognized for regulatory accounting purposes in Account 108 as part of accumulated depreciation. This classification differs from how we report such amounts for GAAP reporting purposes. For GAAP reporting purposes, this liability was classified primarily as a regulatory liability on our GAAP balance sheets. For further information, see property and depreciation in Note 1 of the Notes to Consolidated Financial Statements that follow.

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

Deferred Tax Assets and Liabilities and Income Tax Expense

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

<i>(in millions)</i>	Deferred Tax Assets (Account 190; Page 111; Line 82)		Deferred Tax Liabilities (Account 282/283; Page 113; Line 63/64)	
	2019	2018	2019	2018
GAAP (See Note 9)	\$4.5	\$4.7	\$33.5	\$21.8
Regulatory reporting adjustments:				
Netting differences	1.2	1.4	1.2	1.4
Recognition of equity carrying cost for FERC	(0.3)	(0.2)	0.9	1.0
FERC Form 1	\$5.4	\$5.9	\$35.6	\$24.2

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NOTES TO FINANCIAL STATEMENTS

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

<i>(in millions)</i>	Income Tax Expense *	
	2019	2018
GAAP (See Note 9)	\$5.4	\$2.2
Regulatory reporting adjustments:		
Other	0.1	-
FERC Form 1	\$5.5	\$2.2

* Various accounts; page 114 lines 15-19 and page 117 lines 53-58

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

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

NOTE B—BASIS OF PRESENTATION

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

- Removal costs that do not have an associated legal obligation are recognized as a component of accumulated depreciation, whereas these costs are recognized for GAAP as a regulatory liability.
- Current portions of long-term debt, if applicable, are reported as long-term debt, whereas GAAP reporting requires a current presentation of these liabilities.
- Debt issuance costs for executed debt offerings are reported as deferred debits, whereas GAAP reporting requires these liabilities to be netted with long-term debt.
- The GAAP financial statements are reported in accordance with the Income Taxes Topic of the FASB ASC, whereas the Form 1 is reported in accordance with the FERC-issued accounting guidance. As such, in the Form 1, interest and penalties on tax deficiencies are not reported as income tax expense. Additionally, GAAP allows netting of deferred tax assets and liabilities whereas FERC requires a gross presentation.
- The return on equity component for non-construction related expenditures allowed by a Commission is capitalized as a regulatory asset whereas GAAP reporting requires recognizing the return on equity at the time revenue is collected through rates. This will result in a difference in earnings reported under GAAP and earnings reported in regulatory filings.
- The non-service cost components of our net periodic benefit costs are recorded as a component of operating expenses, whereas GAAP requires these costs to be recorded outside of operating income. In addition, the non-service components of our net periodic benefit costs that are capitalized to utility plant are reported as a regulatory asset or liability under GAAP.

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NOTE C—TAX REFORM

On December 22, 2017, the Tax Legislation was signed into law. For businesses, the Tax Legislation reduced the corporate federal tax rate from a maximum of 35% to a 21% rate effective January 1, 2018. We recorded an estimated tax benefit related to the re-measurement of our deferred taxes in December 2017 which was revised in 2018. The total re-measurement consisted of Protected, Unprotected and amounts related to the re-measurement of certain tax related deferrals. Additionally, during 2019, Wisconsin Electric Power Company transferred a portion of its re-measurement tax benefits to UMERC associated with its retirement of the Presque Isle Power Plant. The below table reflects a breakdown of these ending balances by year. . The FERC accounts impacted were 190, 282, 283, 182, 254, 410 and 411. The accumulated deferred income tax accounts 190, 282 and 283 were re-measured in the determination of the excess or deficient accumulated deferred income tax. The accounts to which the excess or deficient accumulated deferred income tax will be amortized are 410 and 411. The amortization period of the excess and deficient accumulated deferred income tax to be returned or recovered through rates for Protected is over the period determined by the Average Rate Assumption Method. For 2019 there was an amortization of the Protected excess and deficient accumulated deferred income tax of \$0.3 million. The amortization period of the excess and deficient accumulated deferred income tax to be returned or received through rates for Unprotected is over the years 2019-2057. The various components of the Unprotected balance will be amortized in accordance with the MPSC Order in docket U-20314. The amounts associated with the Presque Isle Power Plant will be amortized over the same period as the underlying regulatory asset. Thus, for 2019 there was an amortization of the Unprotected excess and deficient accumulated deferred income tax of approximately \$0.1 million.

<i>(in millions)</i>	2019	2019 Transfers	2018	Original Re-Measurement
Protected	\$16.0	\$1.3	\$14.9	\$15.1
Unprotected	\$0.2	\$0.4	\$(0.2)	\$(0.2)
Tax Related Deferrals	N/A	N/A	N/A	\$0.2

NOTE D—SUBSEQUENT EVENTS

Management has evaluated the impact of events occurring after December 31, 2019 up to March 31, 2020, the date the Company's U.S. GAAP financial statements were issued and has updated such evaluation for disclosure purposes through April 29, 2020. 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.

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UPPER MICHIGAN ENERGY RESOURCES CORPORATION
NOTES TO FINANCIAL STATEMENTS
December 31, 2019

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.

Beginning April 1, 2019, we provide electric service to Tilden, who owns an iron ore mine in the Upper Peninsula of Michigan. This customer was transferred from WE after our new natural gas-fired generation began commercial operation. See Note 1(o), Customer Concentrations of Credit Risk and Note 12, Regulatory Environment 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.

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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, 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.

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

(f) Regulatory Assets and Liabilities—The economic effects of regulation can result in regulated companies recording costs and revenues that are allowed in the rate-making 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 4, Regulatory Assets and Liabilities, for more information.

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

We record straight-line depreciation expense over the estimated useful life of utility property using depreciation rates approved by the MPSC. Annual utility composite depreciation rates were 2.87%, 2.50%, and 2.46% in 2019, 2018, and 2017, 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 5, Property, Plant, and Equipment, for more information.

(h) 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 2019, 2018 and 2017.

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We recorded the following AFUDC for the years ended December 31:

<i>(in millions)</i>	2019	2018	2017
AFUDC – Debt	\$ 1.3	\$ 2.4	\$ 0.1
AFUDC – Equity	\$ 3.3	\$ 5.4	\$ 0.2

(i) 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. These assessments require significant assumptions and judgments by management. Long-lived assets that would be subject to an impairment assessment would 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 the fair value of the asset. 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 in comparison to the fair value of the asset.

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. See Note 5, Property, Plant, and Equipment, for more information.

(j) Leases—In February 2016, the FASB issued ASU 2016-02, Leases (Topic 842), which revised the previous guidance (Topic 840) regarding accounting for leases. Revisions include requiring a lessee to recognize a lease asset and a lease liability on its balance sheet for each lease, including operating leases with an initial term greater than 12 months. In addition, required quantitative and qualitative disclosures related to lease agreements were expanded.

We adopted Topic 842 effective January 1, 2019. We utilized the following practical expedients, which were available under ASU 2016-02, in our adoption of the new lease guidance.

- We did not reassess whether any expired or existing contracts were leases or contained leases.
- We did not reassess the lease classification for any expired or existing leases.
- We did not reassess the accounting for initial direct costs for any existing leases.

We did not elect the practical expedient allowing entities to account for the nonlease components in lease contracts as part of the single lease component to which they were related. Instead, in accordance with Accounting Standards Codification 842-10-15-31, our policy is to account for each lease component separately from the nonlease components of the contract.

We did not elect the practical expedient to use hindsight in determining the lease term and in assessing impairment of our right of use assets. No impairment losses were included in the measurement of our right of use assets upon our adoption of Topic 842.

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In January 2018, the FASB issued ASU 2018-01, Leases (Topic 842): Land Easement Practical Expedient for Transition to Topic 842, which is an amendment to ASU 2016-02. Land easements (also commonly referred to as rights of way) represent the right to use, access or cross another entity's land for a specified purpose. This new guidance permits an entity to elect a transitional practical expedient, to be applied consistently, to not evaluate under Topic 842 land easements that were already in existence or had expired at the time of the entity's adoption of Topic 842. Once Topic 842 is adopted, an entity is required to apply Topic 842 prospectively to all new (or modified) land easements to determine whether the arrangement should be accounted for as a lease. We elected this practical expedient, resulting in none of our land easements being treated as leases upon our adoption of Topic 842.

In July 2018, the FASB issued ASU 2018-11, Leases (Topic 842): Targeted Improvements, which amends ASU 2016-02 and allows entities the option to initially apply Topic 842 at the adoption date and recognize a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption, if required. We used the optional transition method to apply the new guidance as of January 1, 2019, rather than as of the earliest period presented. We identified no significant operating or finance leases as a result of our implementation of the new lease guidance. As a result, the adoption of Topic 842 did not result in us recording any right of use assets or related lease liabilities related to operating leases, and we had no finance leases upon adoption.

Significant Judgments and Other Information

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.

As of March 31, 2020, we have not entered into any material leases that have not yet commenced.

(k) 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 on our separate tax computation. See Note 9, Income Taxes, for more information.

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

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(l) 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.

The following table shows the financial instruments included on our balance sheets that were not recorded at fair value at December 31:

<i>(in millions)</i>	2019		2018	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Long-term debt	\$ 158.8	\$ 165.4	\$ —	\$ —
Long-term debt to parent	—	—	150.0	145.5

The fair value of our long-term debt is categorized within Level 2 of the fair value hierarchy.

(m) 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.

(n) 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 manufactured gas plant sites. See Note 10, Commitments and Contingencies, for more information.

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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 liabilities and related regulatory asset, as appropriate, to reflect the new cost estimates. Any material changes in cost estimates are adjusted throughout the year.

(o) 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. As a result, we did not have any significant concentrations of credit risk at December 31, 2019. We had one customer that exceeded 10% of our total revenues. Tilden, which owns an iron ore mine in the Upper Peninsula of Michigan, became our customer on April 1, 2019 and represents approximately \$48 million of our total revenues for the year ended December 31, 2019. See Note 1(a), Nature of Operations, and Note 12, Regulatory Environment, for more information.

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 January 1, 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).

In connection with our construction of the new natural gas-fired generation in the Upper Peninsula of Michigan, we were required to initially fund the construction of the transmission infrastructure upgrades owned by ATC that were needed for the new generation. At December 31, 2018, we had a receivable from ATC of \$29.4 million for amounts to be reimbursed to us related to the transmission infrastructure upgrades. In the second quarter of 2019, ATC fully reimbursed us for these costs.

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

<i>(in millions)</i>	2019	2018	2017
Transactions with WE			
Electric purchases from WE ⁽¹⁾	\$ 7.9	\$ 29.6	\$ 30.8
Other billings from WE ⁽²⁾	10.5	15.8	125.5
Transactions with WPS			
Electric purchases from WPS ⁽¹⁾	4.5	15.8	16.2
Natural gas related purchases from WPS ⁽³⁾	2.8	2.7	2.5
Other billings from WPS ⁽²⁾	4.2	2.9	—
Transactions with WBS			
Billings from WBS ⁽²⁾	3.5	2.9	—
Transactions related to ATC			
Charges from ATC for network transmission services	9.8	—	—
Interest expense on debt to parent ⁽⁴⁾	4.5	4.2	0.4

⁽¹⁾ On March 31, 2019, our new natural gas-fired generation in the Upper Peninsula of Michigan began commercial operation and we started generating our own electricity. Prior to our generating units achieving commercial operation, we purchased a portion of our power from WE and WPS.

⁽²⁾ Includes amounts billed for services, pass through costs, asset and liability transfers, and other items in accordance with the approved AIA. As required by FERC regulations for centralized service companies, WBS renders services at cost. In addition, all services provided by any regulated subsidiary to another regulated subsidiary or WBS are priced at cost.

⁽³⁾ Includes amounts related to the purchase of natural gas and/or pipeline capacity.

⁽⁴⁾ See Note 7, Short-Term Debt to Parent, and Note 8, Long-Term Debt, for information on our related party borrowings from our parent.

We became operational effective January 1, 2017, and WE and WPS transferred customers and property, plant, and equipment to us as of that date. WE transferred approximately 27,500 retail electric customers and 50 electric distribution-only customers to us, along with approximately 2,500 miles of electric distribution lines. WE also transferred the related electric distribution substations in the Upper Peninsula of Michigan and all property rights for the distribution assets to us. The book value of net assets, including the related deferred income tax liabilities, transferred to us from WE in 2017, was \$61.1 million. WPS transferred approximately 9,000 retail electric customers and 5,300 natural gas customers to us, along with approximately 600 miles of electric distribution lines and approximately 100 miles of natural gas distribution mains. WPS also transferred the related electric distribution substations in the Upper Peninsula of Michigan and all property rights for the distribution assets to us. The book value of the net assets, including the related deferred income tax liabilities, transferred to us from WPS in 2017, was \$20.6 million. These transactions were non-cash equity transfers recorded to additional paid in capital between entities under common control, and therefore, did not result in the recognition of a gain or loss. In addition, our parent company also transferred \$0.9 million of net deferred income tax assets to us in 2017.

On March 31, 2019, WE retired the Presque Isle Power Plant generating units and reclassified the net book value to a regulatory asset on its balance sheet. In the second quarter of 2019, WE transferred a portion of the regulatory asset to us for recovery from our retail customers. The book value of the net assets transferred to us, including the related deferred income tax liabilities, was \$7.3 million. We will amortize the regulatory asset on a straight-line basis using the composite depreciation rates approved by the Public Service

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Commission of Wisconsin before the units were retired. 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 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 has different expectations of service, energy and demand requirements, and can be impacted differently by regulatory activities within Michigan.

Comparable amounts have not been presented for the year ended December 31, 2017, due to our adoption of ASU 2014-09, Revenues from Contracts with Customers, under the modified retrospective method.

<i>(in millions)</i>	Upper Michigan Energy Resources Corporation	
	Year Ended December 31	
	2019	2018
Electric utility	\$ 117.9	\$ 72.2
Natural gas utility	4.2	4.0
Total revenues from contracts with customers	122.1	76.2
Other operating revenues *	0.2	0.3
Total operating revenues	\$ 122.3	\$ 76.5

* Other operating revenues consist 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:

<i>(in millions)</i>	Year Ended December 31	
	2019	2018
Residential	\$ 32.6	\$ 33.9
Small commercial and industrial	17.8	19.1
Large commercial and industrial	64.7	17.9
Other	0.7	0.7
Total retail revenues	115.8	71.6
Resale	1.6	—
Other utility revenues	0.5	0.6
Total electric utility operating revenues	\$ 117.9	\$ 72.2

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Natural Gas Utility Operating Revenues

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

<i>(in millions)</i>	Year Ended December 31	
	2019	2018
Residential	\$ 2.5	\$ 2.3
Commercial and industrial	1.2	1.1
Total retail revenues	3.7	3.4
Transport	0.5	0.4
Other utility revenues	—	0.2
Total natural gas utility operating revenues	\$ 4.2	\$ 4.0

NOTE 4—REGULATORY ASSETS AND LIABILITIES

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

<i>(in millions)</i>	2019	2018	See Note
Regulatory assets ⁽¹⁾			
Plant retirements	\$ 12.3	\$ 0.1	2
Acquisition of the Fox Energy Center by WPS ⁽²⁾	3.8	4.1	
Income tax related items	3.0	1.9	9
Other, net	0.2	1.4	
Total regulatory assets	\$ 19.3	\$ 7.5	
Balance sheet presentation			
Other current assets	\$ 0.1	\$ 0.1	
Regulatory assets	19.2	7.4	
Total regulatory assets	\$ 19.3	\$ 7.5	

⁽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. Additionally, the regulatory assets in the table primarily 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. 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 \$3.0 million and \$3.1 million at December 31, 2019 and 2018, respectively.

⁽²⁾ 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.

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

<i>(in millions)</i>	2019	2018	See Note
Regulatory liabilities			
Income tax related items ⁽¹⁾	\$ 16.3	\$ 14.8	9
Removal costs ⁽²⁾	14.7	14.9	
Other, net	1.8	0.8	
Total regulatory liabilities	\$ 32.8	\$ 30.5	
Balance sheet presentation			
Other current liabilities	\$ 0.7	\$ —	
Regulatory liabilities	32.1	30.5	
Total regulatory liabilities	\$ 32.8	\$ 30.5	

⁽¹⁾ For information on the regulatory treatment of the impacts of the Tax Legislation, see Note 12, Regulatory Environment.

⁽²⁾ Represents amounts collected from customers to cover the future cost of property, plant, and equipment removals that are not legally required.

NOTE 5—PROPERTY, PLANT, AND EQUIPMENT

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

<i>(in millions)</i>	2019	2018
Electric – generation *	\$ 258.3	\$ —
Electric – distribution	193.4	186.7
Natural gas – distribution, storage, and transmission	11.5	9.4
Other utility property, plant, and equipment	1.4	1.4
Less: Accumulated depreciation	69.8	61.6
Net	394.8	135.9
CWIP *	1.6	201.4
Total property, plant, and equipment	\$ 396.4	\$ 337.3

* On March 31, 2019, our 187 megawatt natural gas-fired generating units in the Upper Peninsula of Michigan became commercially operational. See Note 12, Regulatory Environment, for more information.

NOTE 6—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, 2019, 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.

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NOTE 7—SHORT-TERM DEBT TO PARENT

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

<i>(in millions, except for percentages)</i>	2019	2018
Short-term debt to parent:		
Amount outstanding at December 31	\$ 9.0	\$ 42.5
Weighted-average interest rate on amounts outstanding at December 31	2.02%	3.04%

Our average amount of short-term borrowings based on daily outstanding balances during 2019 was \$24.1 million with a weighted-average interest rate during the period of 2.53%.

<i>(in millions)</i>	December 31, 2019
Revolving short-term notes payable to parent	\$ 80.0
Less:	
Short-term debt to parent outstanding	9.0
Available capacity under existing agreement	\$ 71.0

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 8—LONG-TERM DEBT

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

<i>(in millions)</i>			2019	2018
Long-term debt	Interest Rate	Year Due		
Senior Notes (unsecured)	3.26%	2029	160.0	—
Promissory Notes to parent (unsecured)	3.27%	2027	\$ —	\$ 50.0
Promissory Notes to parent (unsecured)	4.10%	2028	—	50.0
Promissory Notes to parent (unsecured)	4.34%	2048	—	50.0
Total			160.0	150.0
Unamortized debt issuance costs			(1.2)	—
Total long-term debt			\$ 158.8	\$ 150.0

In August 2019, we issued \$160.0 million of 3.26% Senior Notes due August 28, 2029, and used the proceeds to redeem the long-term debt to our parent, WEC Energy Group, and for working capital and general corporate purposes.

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.

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The following table shows the future maturities of our long-term debt outstanding as of December 31, 2019:

<i>(in millions)</i>	Payments
2020	\$ —
2021	—
2022	—
2023	—
2024	—
Later Years	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, 2019, we were in compliance with our covenants related to our long-term debt obligations.

NOTE 9—INCOME TAXES

Income Tax Expense

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

<i>(in millions)</i>	2019	2018	2017
Current tax expense (benefit)	\$ (2.5)	\$ 3.3	\$ 2.9
Deferred income taxes, net	7.9	(1.1)	0.7
Total income tax expense	\$ 5.4	\$ 2.2	\$ 3.6

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:

<i>(in millions)</i>	2019		2018		2017	
	Amount	Effective Tax Rate	Amount	Effective Tax Rate	Amount	Effective Tax Rate
Statutory federal income tax	\$ 5.3	21.0 %	\$ 3.1	21.0 %	\$ 3.3	35.0%
State income taxes net of federal tax benefit	1.1	4.2 %	0.4	2.7 %	0.3	3.3%
AFUDC – Equity	(0.7)	(2.7)%	(1.1)	(7.5)%	—	—%
Other, net	(0.3)	(1.0)%	(0.2)	(1.1)%	—	—%
Total income tax expense	\$ 5.4	21.5 %	\$ 2.2	15.1 %	\$ 3.6	38.3%

Deferred Income Tax Assets and Liabilities

On December 22, 2017, the Tax Legislation was signed into law. For businesses, the Tax Legislation reduced the corporate federal tax rate from a maximum of 35% to a 21% rate effective January 1, 2018. In December 2017, we recorded a tax benefit related to the re-

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measurement of our deferred taxes in the amount of \$15 million. Accordingly, this amount was recorded as both an increase to regulatory liabilities as well as a decrease to certain existing regulatory assets as of December 31, 2017.

On December 22, 2017, the Securities and Exchange Commission staff issued guidance in SAB 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act, which provided for a measurement period of up to one year from the enactment date to complete accounting under GAAP for the tax effects of the legislation. Due to the complex and comprehensive nature of the enacted tax law changes, and their application under GAAP, certain amounts related to bonus depreciation and future tax benefit utilization recorded in the financial statements as a result of the Tax Legislation were considered "provisional" and subject to revision at December 31, 2017, and through 2018, as discussed in SAB 118.

In 2018, we considered all available guidance from industry and income tax authorities related to bonus depreciation, and revised our estimates for re-measurement of deferred income taxes related to bonus depreciation. The 2018 revision to our re-measurement of deferred income taxes was not significant. At December 31, 2019, we no longer considered any amounts related to bonus depreciation and future tax benefit utilization "provisional," subject to any additional amendments or technical corrections to the Tax Legislation.

In 2019, we considered all available guidance from industry and income tax authorities related to these tax items and did not have any changes to our prior interpretations. Any further amendments or technical corrections to the Tax Legislation could subject these tax items to revision.

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

<i>(in millions)</i>	2019	2018
Deferred tax assets		
Tax gross up-regulatory items	\$ 3.2	\$ 3.2
Other	1.3	1.5
Total deferred tax assets	\$ 4.5	\$ 4.7
Deferred tax liabilities		
Property-related	\$ 28.9	\$ 20.3
Deferred costs – Plant retirement	3.1	—
Other	1.5	1.5
Total deferred tax liabilities	33.5	21.8
Deferred tax liability, net	\$ 29.0	\$ 17.1

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

As of December 31, 2019 and 2018, 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, 2019 and 2018.

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We do not expect any unrecognized tax benefits to affect our effective tax rate in periods after December 31, 2019.

For the years ended December 31, 2019, 2018, and 2017, we had no interest or penalties related to unrecognized tax benefits in our income statements. At December 31, 2019 and 2018, 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, 2019, we were subject to examination by the United States Internal Revenue Service and the Michigan taxing authority for tax years 2017 through 2019.

NOTE 10—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, 2019.

<i>(in millions)</i>	Date Contracts Extend Through	Total Amounts Committed	Payments Due By Period					Later Years
			2020	2021	2022	2023	2024	
Natural gas supply and transportation	2039	\$ 86.4	\$ 4.5	\$ 4.4	\$ 4.4	\$ 4.4	\$ 4.4	\$ 64.3

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 GHG emissions 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, threatened and endangered species, and cultural resources associated with utility construction projects;
- the reporting of CO₂ emissions to comply with federal clean air rules; and
- the remediation of a former manufactured gas plant site.

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Air Quality

Climate Change

In April 2019, WEC Energy Group issued a climate report, which analyzes its GHG reduction goals with respect to international efforts to limit future global temperature increases to less than two degrees Celsius. WEC Energy Group will evaluate potential GHG reduction pathways as climate change policies and relevant technologies evolve over time.

WEC Energy Group continues to evaluate opportunities and actions that preserve fuel diversity, lower costs for our customers, and contribute towards long-term GHG emissions reductions. WEC Energy Group's current plan, which includes us, is to work with industry peers, environmental groups, public policy makers, and customers, with goals of reducing CO₂ emissions. In 2019, WEC Energy Group met and exceeded its 2030 goal of reducing CO₂ emissions by 40% below 2005 levels, and is re-evaluating its longer-term CO₂ reduction goals. WEC Energy Group also has a goal to decrease the rate of methane emissions from the natural gas distribution lines in its network by 30% per mile by the year 2030 from a 2011 baseline. WEC Energy Group was over half way toward meeting that goal at the end of 2019.

We are required to report our CO₂ equivalent emissions from our electric generating facilities under the EPA Greenhouse Gases Reporting Program. Based upon our analysis of the data, we reported CO₂ equivalent emissions of 0.3 million metric tonnes to the EPA for 2019.

We are also required to report our CO₂ equivalent emissions related to the natural gas that we distribute and sell. Based upon our analysis of the data, we reported CO₂ equivalent emissions of 0.1 million metric tonnes to the EPA for 2019 and 2018.

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 manufactured gas plant sites. Accordingly, we have established a regulatory asset for costs associated with this site.

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

<i>(in millions)</i>	2019	2018
Regulatory assets	\$ 0.1	\$ 0.1
Reserves for future environmental remediation *	0.1	0.1

* The reserve for future environmental remediation is included in other long-term liabilities on our balance sheet.

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Renewables, Efficiency, and Conservation

Michigan Legislation

In December 2016, Michigan enacted Act 342, which requires 12.5% of the state's electric energy to come from renewables for years 2019 through 2020, and energy optimization (efficiency) targets up to 1% annually. The renewable requirement is increased to 15.0% for 2021. We were in compliance with these requirements as of December 31, 2019. 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 effect on our financial condition or results of operations.

NOTE 11—SUPPLEMENTAL CASH FLOW INFORMATION

<i>(in millions)</i>	2019	2018	2017
Cash paid for interest, net of amount capitalized	\$ 3.7	\$ 1.3	\$ —
Cash received for income taxes, net	1.4	0.2	—
Significant non-cash investing and financing transactions:			
Accounts payable related to construction costs	0.8	3.4	—
Net assets transferred to us from WE, WPS, and our parent *	—	0.4	82.6
Repayment of short-term debt with issuance of long-term note to our parent	—	—	50.0
Short-term debt issued to our parent through equity	—	—	40.5

* See Note 2, Related Parties, for more information on this transaction.

NOTE 12—REGULATORY ENVIRONMENT

Tax Cuts and Jobs Act of 2017

Due to the Tax Legislation, we deferred for return to ratepayers, through future refunds or bill credits, the estimated tax benefit of \$15 million that resulted from the revaluation of deferred taxes. The Tax Legislation also reduced the corporate federal tax rate from a maximum of 35% to a 21% rate, effective January 1, 2018.

In February 2018, the MPSC issued an order requiring Michigan utilities to make three filings related to the Tax Legislation. The first of those filings, which was filed in March 2018, prospectively addressed the impact on base rates for the change in tax expense resulting from the federal tax rate reduction from 35% to 21%. We proposed providing a volumetric bill credit, subject to

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reconciliation and true up. In May 2018, the MPSC issued an order approving a settlement that resulted in volumetric bill credits for all of our customers effective July 1, 2018. The bill credits will remain in effect until our next rate proceeding.

The second filing, which was filed in July 2018, addressed the impact on base rates for the change in tax expense resulting from the federal tax rate reduction from 35% to 21% from January 1, 2018 until July 1, 2018. We proposed to return the tax savings from these months to customers via volumetric bill credits over multiple months. The MPSC issued an order approving a settlement in September 2018. In accordance with the settlement order, the savings were returned to our customers via volumetric bill credits that were in effect from October 1, 2018 through December 31, 2018.

The third filing was filed in October 2018 and addressed the remaining impacts of the Tax Legislation on base rates – most notably the re-measurement of deferred tax balances. We proposed providing a volumetric bill credit, subject to reconciliation and true up, to return these remaining impacts of the Tax Legislation to customers. The MPSC issued an order approving a settlement in May 2019. The settlement order provides for volumetric bill credits to our customers effective June 1, 2019. The bill credits will remain in effect until our next rate proceeding.

Construction of Natural Gas-Fired Generation

In August 2016, WEC Energy Group entered into an agreement with Tilden under which Tilden will purchase electric power from us for its iron ore mine for 20 years, contingent upon our construction of approximately 180 megawatts of natural gas-fired generation in the Upper Peninsula of Michigan. In October 2017, the MPSC approved both the agreement with Tilden and our application for a certificate of necessity to begin construction of the proposed generation.

On March 31, 2019, our natural gas-fired generating units in the Upper Peninsula began commercial operation, and the agreement with Tilden became effective. The cost of the new units was approximately \$242 million (\$255 million with AFUDC), 50% of which is expected to be recovered from Tilden, with the remaining 50% expected to be recovered from our other utility customers.

NOTE 13—OTHER INCOME, NET

Total other income, net was as follows for the years ended December 31:

<i>(in millions)</i>	2019	2018	2017
AFUDC – Equity	3.3	5.4	0.2
Other, net	—	0.4	0.5
Total other income, net	\$ 3.3	\$ 5.8	\$ 0.7

NOTE 14—NEW ACCOUNTING PRONOUNCEMENTS

Financial Instruments 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. The amendment requires

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entities to consider a broader range of information to estimate expected credit losses, which may result in earlier recognition of loss. Our exposure to credit losses is related to our accounts receivable and unbilled revenue balances, which are primarily generated from the sale of electricity and natural gas by our regulated utility operations.

The noncash cumulative effect adjustment we recorded to retained earnings on January 1, 2020, as a result of our adoption of this standard, was not significant. The most significant impact of implementing this ASU will be in the form of additional disclosures that will be required in our financial statements for the year ended December 31, 2020. These disclosures are intended to provide information that will help users of our financial statements analyze our exposure to credit risk and understand how we estimate our allowance for credit losses.

Cloud Computing

In August 2018, the FASB issued ASU 2018-15, Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract. The standard allows entities who are customers in hosting arrangements that are service contracts to apply the existing internal-use software guidance to determine which implementation costs to capitalize as an asset related to the service contract and which costs to expense. The guidance specifies classification for capitalizing implementation costs and related amortization expense within the financial statements and requires additional disclosures. The adoption of ASU 2018-15, effective January 1, 2020, did not have a significant impact on our financial statements.

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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)	464,519,460	452,213,335	
4	Property Under Capital Leases			
5	Plant Purchased or Sold			
6	Completed Construction not Classified			
7	Experimental Plant Unclassified			
8	TOTAL (Enter Total of lines 3 thru 7)	464,519,460	452,213,335	
9	Leased to Others			
10	Held for Future Use			
11	Construction Work in Progress	1,585,721	893,702	
12	Acquisition Adjustments			
13	TOTAL Utility Plant (Enter Total of lines 8 thru 12)	466,105,181	453,107,037	
14	Accum. Prov. For Depr., Amort., & Depl.	84,535,248	80,495,414	
15	Net Utility Plant (Enter Total of line 13 less 14)	381,569,933	372,611,623	
16	DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION			
17	In Service:			
18	Depreciation	84,424,247	80,495,414	
19	Amort. and Depl. Of Producing Natural Gas Land and Land Rights			
20	Amort. of Underground Storage Land and Land Rights			
21	Amort. of Other Utility Plant	111,001		
22	TOTAL in Service (Enter Total of lines 18 thru 21)	84,535,248	80,495,414	
23	Leased to Others			
24	Depreciation			
25	Amortization and Depletion			
26	TOTAL Leased to Others (Enter Total of lines 24 and 25)			
27	Held for Future Use			
28	Depreciation			
29	Amortization			
30	TOTAL Held for Future Use (Enter Total of lines 28 and 29)			
31	Abandonment of Leases (Natural Gas)			
32	Amort. of Plant Acquisition Adj.			
33	TOTAL Accumulated Provisions (Should agree with line 14 above) (Enter Total of lines 22, 26, 30, 31 and 32)	84,535,248	80,495,414	

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019		
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
11,560,948				745,177	3
					4
					5
					6
					7
11,560,948				745,177	8
					9
					10
2,079				689,940	11
					12
11,563,027				1,435,117	13
3,928,833				111,001	14
7,634,194				1,324,116	15
					16
					17
3,928,833					18
					19
					20
				111,001	21
3,928,833				111,001	22
					23
					24
					25
					26
					27
					28
					29
					30
					31
					32
3,928,833				111,001	33

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106)

- | | |
|---|--|
| <p>1. Report below the original cost of plant in service in the same detail as in the current depreciation order.</p> <p>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.</p> <p>3. Include in column (c) or (d), as appropriate, corrections of additions and retirements for the current or preceding year.</p> <p>4. Enclose in parentheses credit adjustments of plant accounts to indicate the negative effect of such amounts.</p> <p>5. Classify Account 106 according to prescribed accounts, on an estimated basis if necessary, and</p> | <p>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</p> |
|---|--|

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		
5	TOTAL Intangible Plant	0	0
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	
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019	
ELECTRIC PLANT IN SERVICE (Accounts 101, 102, 103, 106) (Continued)				
<p>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.</p> <p>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)</p>		<p>to primary account classifications.</p> <p>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.</p> <p>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.</p>		
Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)	Line No.
				1
			301	2
			302	3
			303	4
				5
				6
				7
			310.1	8
			310.2	9
			311	10
			312	11
			313	12
			314	13
			315	14
			316	15
0			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) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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		2,146,276	
38	340.2 Land Rights			
39	341 Structures and Improvements		102,232,486	
40	342 Fuel Holders, Products and Accessories		15,518,410	
41	343 Prime Movers			
42	344 Generators		103,669,276	
43	345 Accessory Electric Equipment		32,333,542	
44	346 Miscellaneous Power Plant Equipment		2,367,331	
45	TOTAL Other Production Plant	0	258,267,321	
46	TOTAL Production Plant	0	258,267,321	
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) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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
24,338			2,121,938	340.1	37
				340.2	38
			102,232,486	341	39
			15,518,410	342	40
				343	41
			103,669,276	344	42
			32,333,542	345	43
		58,996	2,426,327	346	44
24,338		58,996	258,301,979		45
24,338		58,996	258,301,979		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) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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	690,159		
61	360.2 Land Rights			
62	361 Structures and Improvements	1,376,936	163,965	
63	362 Station Equipment	22,012,434	1,943,159	
64	363 Storage Battery Equipment			
65	364 Poles, Towers and Fixtures	35,927,070	2,674,549	
66	365 Overhead Conductors and Devices	38,540,164	1,021,259	
67	366 Underground Conduit	403,958	(59,905)	
68	367 Underground Conductors and Devices	45,192,631	97,448	
69	368 Line Transformers	21,378,761	369,944	
70	368.1 Capacitors			
71	369 Services	17,933,205	1,696,941	
72	370 Meters	1,778,277		
73	371 Installations on Customers' Premises	620,972	34,642	
74	372 Leased Property on Customers' Premises			
75	373 Street Lighting and Signal Systems	874,038	161,066	
76	TOTAL Distribution Plant	186,728,605	8,103,068	
77	5. GENERAL PLANT			
78	389.1 Land			
79	389.2 Lands Rights			
80	390 Structures and Improvements			
81	391 Office Furniture and Equipment			
82	391.1 Computers / Computer Related Equipment			
83	392 Transportation Equipment			
84	393 Stores Equipment			
85	394 Tools, Shop and Garage Equipment	10,928		
86	395 Laboratory Equipment			
87	396 Power Operated Equipment			
88	397 Communication Equipment	541,096	96,101	
89	398 Miscellaneous Equipment			
90	SUBTOTAL	552,024	96,101	

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019	
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
			690,159	360.1	60
				360.2	61
7,142			1,533,759	361	62
398,596		132,965	23,689,962	362	63
				363	64
591,839		36,221	38,046,001	364	65
159,651		3,472	39,405,244	365	66
			344,053	366	67
86,749		1,490	45,204,820	367	68
316,309			21,432,396	368	69
				368.1	70
37,806		2,808	19,595,148	369	71
43,839		53,900	1,788,338	370	72
4,146		2,035	653,503	371	73
				372	74
44,422		1,901	992,583	373	75
1,690,499		234,792	193,375,966		76
					77
				389.1	78
				389.2	79
				390	80
				391	81
				391.1	82
				392	83
				393	84
		43,829	54,757	394	85
				395	86
				396	87
28,001		(128,563)	480,633	397	88
				398	89
28,001		(84,734)	535,390		90

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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	552,024	96,101
93	TOTAL (Accounts 101 and 106)	187,280,629	266,466,490
94			
95	102 Electric Plant Purchased		
96	(Less) 102 Electric Plant Sold		
97	103 Experimental Plant Unclassified		
98	TOTAL Electric Plant in Service <i>(Total of lines 93 thru 97)</i>	187,280,629	266,466,490

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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
28,001		(84,734)	535,390		92
1,742,838		209,054	452,213,335		93
					94
				102	95
					96
				103	97
1,742,838		209,054	452,213,335		98

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
FOOTNOTE DATE					
Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)		
211	98	f	Transfers relate to sales from other companies to UMERC and account reclassifications within electric.		

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

**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				
2	Projects less than \$1 million	893,702		
3				
4	4100-GP UMERC Rice project		255,837,094	
5	UMERC Tilden SS-replace transformer		1,375,997	
6	Projects less than \$1 million		2,691,874	
7				
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	TOTAL	893,702	259,904,965	0

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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. 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.
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
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	4,574,407
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
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25		
26		
27		
28		
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32		
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34		
35		
36		
37		
38		
39	TOTAL	4,574,407

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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 (AFUDC) is calculated on the average monthly eligible Construction Work In Progress (CWIP) balance using the FERC methodology. AFUDC is capitalized and compounded monthly and is allocated to each jurisdiction using the current jurisdictional split similar to the basic cost record plant. Any differences between the retail methodology and FERC methodology results in a retail-only difference, which is capitalized in Account 107. These differences result due to (1) retail AFUDC being calculated on 50% of average monthly eligible CWIP (except for any directly assignable FERC CWIP) and (2) retail AFUDC using the overall cost of capital as approved in the PSCW rate case, which was at an annual rate of 2.2202% debt and 5.4898% equity.

COMPUTATION OF ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION RATES

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

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

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

2. Gross Rate for Borrowed Funds

$$s \left(\frac{\text{-----}}{W} \right) + \frac{D}{D+P+C} \left(1 - \frac{\text{-----}}{W} \right)$$

3. Rate for Other Funds

$$\left[1 - \frac{\text{-----}}{W} \right] \left[\frac{P}{D+P+C} + \frac{C}{D+P+C} \left(\frac{\text{-----}}{\text{-----}} \right) \right]$$

4. Weighted Average Rate Actually Used for the Year:

Name of Respondent		This Report Is:		Date of Report	Year of Report
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		04/29/2020	December 31, 2019
ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT (Account 108 & 110)					
1. Explain in a footnote any important adjustments during year.		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.			
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.		4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.			
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.					
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	72,348,178	72,348,178		
2	Depreciation Prov. for Year, Charged to				
3	(403) Depreciation Expense	10,866,151	10,866,151		
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					
	TOTAL Deprec. Prov. For Year (Enter Total of Lines 3 thru 9)	10,866,151	10,866,151		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	1,742,838	1,742,838		
13	Cost of Removal	1,099,436	1,099,436		
14	Salvage (Credit)	14,469	14,469		
	TOTAL Net Chrgs. For Plant Ret. (Enter Total of lines 12 thru 14)	2,827,805	2,827,805		
15					
16	Net Earnings of Decommissioning Funds				
17	Other Debit or Credit Items (Described)	108,890	108,890		
18					
19	Balance End of Year (Enter total of lines 1, 10, 15, 16 & 17)	80,495,414	80,495,414		
Section B. Balances at End of Year According to Functional Classifications					
20	Steam Production				
21	Nuclear Production-Depreciation				
22	Nuclear Production-Decommissioning				
23	Hydraulic Production-Conventional				
24	Hydraulic Production-Pumped Storage				
25	Other Production	6,191,845	6,191,845		
26	Transmission				
27	Distribution	74,175,953	74,175,953		
28	General	127,616	127,616		
29	TOTAL (Enter total of lines 20 thru 28)	80,495,414	80,495,414		

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)									
219	4	b	Account 403.1 is not used due to the fact that we have received specific approval from our primary regulator, the PSCW, to defer depreciation expense related to asset retirement costs to a regulatory asset.									
219	8	c	ARO depreciation expense (non-rate base) - Debits to Account 182.3.									
219	9	c	ARO depreciation expense (rate base) - Credits to Account 182.3.									
219	17	c	Other debit or credit items: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Gain/Loss on sale of property</td> <td style="width: 10%; text-align: right;">\$</td> <td style="width: 20%; text-align: right;">24,338</td> </tr> <tr> <td>Transfer of reserve balance from MI assets</td> <td></td> <td style="text-align: right;"><u>84,552</u></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">108,890</td> </tr> </table>	Gain/Loss on sale of property	\$	24,338	Transfer of reserve balance from MI assets		<u>84,552</u>	TOTAL	\$	108,890
Gain/Loss on sale of property	\$	24,338										
Transfer of reserve balance from MI assets		<u>84,552</u>										
TOTAL	\$	108,890										

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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Depreciation Cost of Removal by Plant Accounting
Per Supplemental Information Request

	Plant Account	Plant Account Name	Amount
1	361	Structures and Improvements	\$ 11,220
2	362	Station Equipment	512,552
3	364	Poles, Towers and Fixtures	239,332
4	365	Overhead Conductors and Devices	158,764
5	366	Underground Conduit	198
6	367	Underground Conductors and Devices	56,221
7	368	Line Transformers	-
8	369	Services	106,145
9	371	Installations on Customers' Premises	4,641
10	373	Street Lighting and Signal Systems	10,363
11	TOTAL		<u>\$ 1,099,436</u>
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

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)	7,071,015	7,319,012
3	Other Accounts Receivable (Account 143) (Disclose any capital stock subscriptions received)	29,405,569	28,857
4	TOTAL	36,476,584	7,347,869
5	Less: Accumulated Provision for Uncollectible Accounts-Cr. (Account 144)	443,583	714,211
6	TOTAL, Less Accumulated Provision for Uncollectible Accounts	36,033,001	6,633,658
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ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNT-CR. (Account 144)

- Report below the information called for concerning this accumulated provision.
- Explain any important adjustments of subaccounts.
- 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	443,583				443,583
2	Provision for uncollectibles for current year	795,914				795,914
3	Less: Accounts written off	682,478				682,478
4	Collection of accounts written off	157,192				157,192
5	Adjustments (explain): To reserve based on analysis of uncollectible reserve					0
6	Balance end of year	714,211	0	0	0	714,211
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8						
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Name of Respondent		This Report Is:		Date of Report	Year of Report	
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		(Mo, Da, Yr) 04/29/2020	December 31, 2019	
RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)						
1. Report particulars of notes and accounts receivable from associated companies* at end of year.		4. If any note was received in satisfaction of an open account, state the period covered by such open account.				
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.		5. Include in column (f) interest recorded as income during the year including interest on accounts and notes held any time during the year.				
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.		6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.				
<p>* 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.</p> <p>"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.</p>						
Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)
			Debits (c)	Credits (d)		
1	<u>Accounts Receivable:</u>					
3	Wisconsin Electric Power Company	5,051,657	62,249,849	62,149,317	5,152,189	
4	Wisconsin Public Service Corporation	2,203,717	74,153,031	62,345,985	14,010,763	
5	WEC Business Services LLC	152,850	2,066,693	1,897,028	322,515	
6	WEC Energy Group, Inc.		3,178,433	2,933,722	244,711	
7	Wisconsin Gas Company		80,598	80,598	0	
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39	TOTAL	7,408,224	141,728,604	129,406,650	19,730,178	0

NOTE: All information presented pertains to Account 146. Account 145 had no activity during 2019.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

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)	6,590	3,078,320	Electric & Gas
10	Assigned to - Other			
11	TOTAL Account 154 (<i>Enter total of line 5 thru 10</i>)	6,590	3,078,320	
12	Merchandise (Account 155)			
13	Other Material & Supplies (Account 156)			
14	Nuclear Materials Held for Sale (Account 157) (<i>not applicable to Gas utilities</i>)			
15	Stores Expense Undistributed (Account 163)			
16				
17				
18				
19				
20	TOTAL Materials & Supplies (Per Balance Sheet)	6,590	3,078,320	

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
227			Fuel inventory by plant additional request: UMERC does not have fuel inventory. Any gas that comes into the plants each month is consumed that month.

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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

- | | |
|---|---|
| <p>1. Report below the information called for concerning production fuel and oil stock.</p> <p>2. Show quantities in tons Of 2000 lb. Barrels (42 gals.) or Mcf., whichever unit of quantity is applicable.</p> <p>3. Each kind of coal or oil should be shown separately.</p> <p>4. If the respondent obtained any of its fuel from its own coal mines or oil or gas lands or leases or from</p> | <p>affiliated companies, a statement should be submitted showing the quantity of such fuel so obtained, the quantity used and quantity on hand, and cost of the fuel classified as to the nature of the costs and expenses incurred with appropriate adjustment for the inventories at beginning and end of year.</p> |
|---|---|

Line No.	Item (a)	Total Cost (b)	KINDS OF FUEL AND OIL Electric Department - Coal	
			Quantity (Tons) (c)	Cost (d)
1	On hand beginning of year			
2	Received during year			
3	TOTAL	0	0	0
4	Used during year (specify department)			
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15	Sold or transferred			
16	TOTAL DISPOSED OF	0	0	0
17	BALANCE END OF YEAR	0	0	0

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019	
PRODUCTION FUEL AND OIL STOCKS (Included in Account 151 (Continued))						
KINDS OF FUEL AND OIL (Continued)						
Electric Department - Oil		Electric Department - Ammonia		Electric Dept. - Natural Gas		Line
Quantity (Gallons) (e)	Cost (f)	Quantity (Gallons) (g)	Cost (h)	Quantity (DTHs) (i)	Cost (j)	Line No.
						1
						2
0	0	0	0	0	0	3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
0	0	0	0	0	0	16
0	0	0	0	0	0	17

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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	GCR Undercollections	17,107	
2	Gas Imbalance Receivable	12,503	
3	MI Energy Optimization	3,405	
4			
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25	TOTAL	33,015	

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020		Year of Report December 31, 2019	
EXTRAORDINARY PROPERTY LOSS (Account 182.1)							
Line No.	Description of Extraordinary Loss (Include in description the date of loss, the date of Commission authorization to use Account 182.1 and period of amortization (mo, yr, to mo, yr). (a))	Total Amount of Loss (b)	Losses Recognized During Year (c)	WRITTEN OFF DURING YEAR		Balance at End of Year (f)	
				Account Charged (d)	Amount (e)		
1	None						
2							
3							
4							
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19							
20	TOTAL						
UNRECOVERED PLANT AND REGULATORY STUDY COSTS (182.2)							
Line No.	Description of Unrecovered Plant and Regulatory Study Costs (Include in the description of costs, the date of Commission authorization to use Account 182.2, and period of amortization (mo, yr, to mo, yr). (a))	Total Amount of Loss (b)	Losses Recognized During Year (c)	WRITTEN OFF DURING YEAR		Balance at End of Year (f)	
				Account Charged (d)	Amount (e)		
21	Plant retirements		21,500,933	Various	9,340,608	12,160,325	
22							
23							
24							
25							
26							
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49	TOTAL		21,500,933		9,340,608	12,160,325	

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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	Aragon SS - RTU replacement	0
2	Randville SS environmental remediation	0
3	Cornell SS - RTU replacement	0
4	Other projects (9)	209
5		
6		
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TOTAL		209

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

Debits (c)	CREDITS		Balance End of Year (f)	Line No.
	Account Charged (d)	Amount (e)		
102,771			102,771	1
22,604		2,010	20,594	2
12,342			12,342	3
489,916		480,549	9,576	4
				5
				6
				7
				8
				9
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627,633		482,559	145,283	TOTAL

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
1	Income tax related	1,955,124	1,147,977	180,282	87,979	3,015,122
2	MI Energy optimization	(10,382)	2,247,826	908	2,160,320	77,124
3	Misc. regulatory reserve	(1,140,807)	18,454	Various	1,208,779	(2,331,132)
4	DePere Energy Center	198,200	0	407	43,452	154,748
5	MI AES deferral	626,389	0		0	626,389
6	Crane Creek production tax credit	462,433	902	Various	29,104	434,231
7	Fox Energy Center	6,469,514	0	407	464,000	6,005,514
8	Plant abandonment	115,619	146,905	407	97,853	164,671
9	W3 ReAct deferral	1,639,949	178,620		0	1,818,569
10	Environmental remediation costs	136,117	29,500	735	54,008	111,609
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44	TOTAL	10,452,156	3,770,184		4,145,495	10,076,845

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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MISCELLANEOUS DEFERRED DEBITS (Account 186)

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

Line No.	Description of Miscellaneous Deferred Debits (a)	Balance at Beginning of Year (b)	Debits (c)	CREDITS		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
1	Deferred project charges	320,868	6,698	Various	143,686	183,880
2	Bank clearing	(108)	69,752,266	Various	69,709,482	42,676
3	Debt issuance costs		113,475	Various	113,475	0
4	Property sale/retirement		24,440	Various	24,440	0
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38	Miscellaneous Work in Progress					
39	TOTAL	320,760				226,556

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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ACCUMULATED DEFERRED INCOME TAXES (Account 190)

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

Line No.	Account Subdivision (a)	Balance at Beginning of Year (b)	Changes During Year	
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)
1	Electric			
2	Contributions in Aid of Construction	53,942	22,263	30,516
3	NOL/Credit Carryforward			
4	Bad Debt Reserve	101,824	81,354	163,367
5	Post Retirement Benefits	293,645	20,100	326,490
6	Power the Future			
7	Other	5,738,853	1,293,203	755,945
8	TOTAL (Account 190) (Enter total of lines 2 thru 7)	6,188,264	1,416,920	1,276,318
9	Gas			
10	Contributions in Aid of Construction	0		
11	Conservation & Weatherization			
12	Bad Debt Reserve	12,353	15,223	2,870
13	FIFO Inventory Adjustment			
14				
15	Other	(275,527)	65,577	30,099
16	TOTAL Gas (Enter total of lines 10 thru 15)	(263,174)	80,800	32,969
17	Other (Specify)	(51,068)		
18	TOTAL (Account 190) (Enter total of lines 8, 16 & 17)	5,874,022	1,497,720	1,309,287
19	Classification of Total:			
20	Federal Income Tax	4,571,878	1,177,774	1,033,265
21	State Income Tax	1,302,144	319,946	276,022
22	Local Income Tax			

NOTES

Other Electric:

	Balance Beginning of Year	Balance End of Year
Conservation / Weatherization	\$ 84,074	\$ 78,007
MISO charges	68,482	68,482
Other	(10,235)	251,145
Prepaid tax and insurance	930,031	94,071
Property related	3,727,805	3,635,488
Regulatory deferral	78,699	97,245
Tax amortizations	859,997	413,656
TOTAL	\$ 5,738,853	\$ 4,638,094

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) [X] An Original (2) [] A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019				
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				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	DEBITS		CREDITS			
		Acct. No. (g)	Amount (h)	Acct. No. (i)	Amount (j)		
						62,195	1
							2
							3
						183,837	4
						600,035	5
							6
			(1,397,240)		(1,960,742)	4,638,093	7
			(1,397,240)		(1,960,742)	5,484,160	8
							9
						0	10
							11
						0	12
							13
							14
			(464,397)		(159,540)	(6,148)	15
			(464,397)		(159,540)	(6,148)	16
920	920					(51,068)	17
920	920		(1,861,637)		(2,120,282)	5,426,944	18
							19
920	920		(1,640,373)		(1,842,547)	4,225,195	20
			(221,264)		(277,735)	1,201,749	21
							22
NOTES (Continued)							
Other Gas:							
						Balance Beginning of Year	Balance End of Year
Environmental						\$ 22,394	\$ 15,444
Property related						109,963	143,667
Regulatory deferral						68	(23,954)
Tax amortizations						(407,951)	(141,305)
TOTAL						\$ (275,526)	\$ (6,148)
Other:							
Regulatory deferral						\$ (51,068)	\$ (51,067)
TOTAL						\$ (51,068)	\$ (51,067)

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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CAPITAL STOCK (Accounts 201 and 204)

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

2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.

Line No.	Class and Series of Stock and Name of Stock Exchange (a)	Number of Shares Authorized by Charter (b)	Par or Stated Value Per Share (c)	Call Price at End of Year (d)
1	Account 201 - Common Stock	60,000	0.01	
2				
3	Total Common Stock	60,000		
4				
5				
6	Account 204 - Preferred Stock			
7				
8	Total Preferred Stock			
9				
10				
11				
12				
13				
14				
15				
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Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019	
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.			5. State in a footnote if any capital stock which has been nominally issued is nominally outstanding at end of year.			
4. The identification of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or noncumulative.			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				
<i>(Total amount outstanding without reduction for amounts held by respondents.)</i>		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
2,000	20					2
						3
						4
						5
						6
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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
OTHER PAID - IN CAPITAL (Accounts 208-211, inc.)			
<p>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.</p> <p>(a) <i>Donations Received from Stockholders</i> (Account 208)-State amount and give brief explanation of the origin and purpose of each donation.</p> <p>(b) <i>Reduction in Par or Stated Value of Capital Stock</i> (account 209)-State amount and give brief explanation of</p>		<p>the capital changes which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.</p> <p>(c) <i>Gain on Resale or Cancellation of Reacquired Capital Stock</i> (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.</p> <p>(d) <i>Miscellaneous Paid-In Capital</i> (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.</p>	
Line No.	Item (a)	Amount (b)	
1	Account 208 - Donations from Stockholders		
2			
3	Beg of Year	Credits	Debits
4	\$70,500,000	\$49,000,000	\$-----
5			119,500,000
6	Subtotal		119,500,000
7			
8	Credits relate to capital contrib from WEC Energy Group (parent co.).		
9			
10			
11			
12			
13	Account 211 - Miscellaneous Paid-in-Captial		
14			
15	Beg of Year	Credits	Debits
16	\$42,431,688	\$7,494,088	\$-----
17			49,925,776
18	Subtotal		49,925,776
19			
20			
21			
22			
23			
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35	TOTAL		169,425,776

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
SECURITIES ISSUED OR ASSUMED AND SECURITIES REFUNDED OR RETIRED DURING THE YEAR			
<p>1. Furnish a supplemental statement giving a brief description of security financing and refinancing transactions during the year and the accounting for the securities, discounts, premiums, expenses, and related gains or losses. Identify as to Commission authorization numbers and dates.</p> <p>2. Furnish particulars (details) showing fully the accounting for the total principal amount, par value, or stated value of each class and series of security issued, assumed, retired, or refunded and the accounting for premiums, discounts, expenses, and gains or losses relating to the securities. Set forth the facts of the accounting clearly with regard to redemption premiums, unamortized discounts, expenses, and gains or losses relating to securities retired or refunded, including the accounting for such amounts carried in the respondent's accounts at the date of the refunding or refinancing transactions with respect to securities previously refunded or retired.</p> <p>3. Include in the identification of each class and series of security, as appropriate, the interest or dividend rate, nominal date of issuance, maturity date, aggregate principle amount, par value or stated value, and number of shares. Give also the issuance of redemption price and name of the principal underwriting firm through which the security transactions were consummated.</p> <p>4. Where the accounting for amounts relating to securities refunded or retired is other than that specified in General Instruction 16 of the Uniform System of Accounts, give references to the commission authorization for the different accounting and state the accounting method.</p> <p>5. For securities assumed, give the name of the company for which the liability on the securities was assumed as well as particulars (details) of the transactions whereby the respondent undertook to pay obligations of another company. If any unamortized discounts, premiums, expenses, and gains or losses were taken over onto the respondent's books, furnish details of these amounts with amounts relating to refunded securities clearly earmarked.</p>			
<p>On August 28, 2019, UMERC issued \$160 million 3.26% Unsecured Senior Notes due August 28, 2029 in a Private Placement offering. Proceeds from this issuance were used to repay \$150 million aggregate amount of long-term notes to its parent, WEC Energy Group, and the remaining \$10 million for general corporate purposes, including a \$9.5 million repayment of a portion of the short-term debt borrowed from WEC Energy Group.</p> <p><u>Issuance - Account 221</u> (160,000,000) UMERC Long-Term Debt There were no discounts or premiums, nor any related gains or losses associated with the issuance of the Unsecured Senior Notes which were issued at the \$160,000,000 par value. Issuance expenses to date total \$1,271,366 (Account 181) and are amortized on a monthly straight-line basis over the 10 year life of the Unsecured Senior Notes. The Joint Lead Placement Agents were KeyBanc Capital Markets Inc. and Mizuho Securities USA LLC.</p> <p><u>Redemptions - Account 223</u> 50,000,000 Long-Term Notes Payable WEC Energy Group (3.27% issued 09/27/2017, due 10/01/2027) 50,000,000 Long-Term Notes Payable WEC Energy Group (4.34% issued 06/25/2018, due 07/01/2048) 50,000,000 Long-Term Notes Payable WEC Energy Group (4.10% issued 10/19/2018, due 11/01/2028) There were no discounts, premiums, expenses, nor any related gains or losses associated with the issuance of the Notes Payable. Interest was paid to the August 28, 2019 redemption date.</p>			

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
LONG-TERM DEBT (Accounts 221, 222, 223 and 224)			
<p>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.</p> <p>2. In column (a), for new issues, give Commission authorization numbers and dates.</p> <p>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.</p> <p>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.</p> <p>5. For receivers' certificates, show in column (a) the name of the court and date of court order under which such certificates were issued.</p> <p>6. In column (b) show the principal amount of bonds or other long-term debt originally issued.</p> <p>7. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.</p> <p>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.</p> <p>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.</p>			
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	WEC Energy Group, Inc.	50,000,000	
2	WEC Energy Group, Inc.	50,000,000	
3	WEC Energy Group, Inc.	50,000,000	
4	3.26% Senior Notes Due 2029	160,000,000	1,271,443 E
5			
6	FERC authorization was issued on June 5, 2019 under an		
7	Order Authorizing Issurance of Securities in Docket ES19-23-000.		
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25	TOTAL	310,000,000	1,271,443

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

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

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD		Outstanding (Total amount outstanding without reduction for amounts held by respondent) (h)	Interest for Year Amount (i)	Line No.
		Date From (f)	Date To (g)			
9/27/2017	2/28/2019			0	1,076,375	1
6/25/2018	8/28/2019			0	1,428,583	2
10/19/2018	8/28/2019			0	1,349,583	3
8/28/2019	8/28/2029	8/28/2019	8/28/2029	160,000,000	1,782,134	4
						5
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				160,000,000	5,636,675	25

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019	
PAYABLES TO ASSOCIATED COMPANIES* (Accounts 233, 234)						
<p>1. Report particulars of notes and accounts payable to associated companies at end of year.</p> <p>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.</p> <p>3. List each note separately and state the purpose for which issued. Show also in column (a) date of note, maturity and interest rate.</p> <p>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.</p> <p>5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.</p> <p style="text-align: center;">*See definition on page 226B</p>						
Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)
			Debits (c)	Credits (d)		
1	Account 233:					
2						
3	Notes Payable to WEC Energy Group	(42,501,837)	33,501,837		(9,000,000)	661,824
4						
5	Total	(42,501,837)	33,501,837	0	(9,000,000)	661,824
6						
7	Account 234:					
8	<u>Accounts Payable:</u>					
9	WEC Business Services LLC	(540,622)	6,641,935	6,626,438	(525,125)	
10	WEC Energy Group	(589,073)	6,703,752	6,133,649	(18,970)	
11	Wisconsin Electric Power Company	(9,046,664)	93,527,923	91,690,380	(7,209,121)	
12	Wisconsin Public Service Corporation	(5,739,069)	47,239,700	49,445,705	(7,945,074)	
13	Other Associate Companies		2,563	2,563	-	
14	Total	(15,915,428)	154,115,873	153,898,735	(15,698,290)	0
15						
16						
17						
18						
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35						
36						
37						
38	TOTAL	(58,417,265)	187,615,147	153,896,172	(24,698,290)	661,824

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES			
<p>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.</p> <p>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.</p>			
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)	19,583,008	
6	Allocation of Net income for the year		
7	Add: Federal income tax expenses		
8			
9	Total pre-tax income	19,583,008	
10			
11	Add: Taxable income not reported on books:	(6,118,591)	
12			
13	Add: Deductions recorded on books not deducted from return	11,997,337	
14			
15	Subtract: Income recorded on books not included in return:	5,523,787	
16			
17	Subtract: Deductions on return not charged against book income:		
18	Schedule M (Addition of Taxable Income)	(38,549,518)	
19			
20	Federal taxable income for the year	(7,563,977)	
21	Show computation of tax:	(1,588,435)	
22			
23	Prior year current adjustments	(1,410,248)	
24			
25	Federal tax per books	(2,998,683)	
26			

Name of Respondent		This Report Is:		Date of Report	Year of Report
Upper Michigan Energy Resources Corporation		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		(Mo, Da, Yr) 04/29/2020	December 31, 2019
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	5	b	Net income for the year	\$	19,583,008
261A	11	b	Reconciling items for the year:		
			Taxable income not reported on books:		
			CIAC - Customer advances	\$	32,063
			CIAC - CWIP		(6,150,654)
			Total	\$	(6,118,591)
261A	13	b	Deductions recorded on books not deducted for return:		
			Provisions for deferred taxes (federal & state)	\$	7,878,144
			State franchise/income taxes accrued		(947,324)
			De Pere Energy regulatory asset		31,920
			162(m)		166,907
			FEC MI regulatory asset		1,179,073
			GCR Undercollections		8,396
			Allowance for uncollectibles		270,628
			Capitalized interest		2,075,576
			Lobbying expense		3,300
			Meals and entertainment		4,000
			MI electric true-up - current year		1,140,261
			Repairs - CWIP		35,794
			Other regulatory liability - tax reform		52,771
			Plant abandonment regulatory asset		43,452
			Taxes accrued - property/other		54,439
			Total	\$	11,997,337
261A	15	b	Income recorded on books not included in return:		
			Federal and state income tax (current)	\$	2,426,640
			AFUDC - Debt		(2,391,689)
			AFUDC - Equity		(5,558,738)
			Total	\$	(5,523,787)

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019																								
FOOTNOTE DATE																													
Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)																										
261A	18	b	Deductions on return not charged against book income: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Tax depreciation in excess of book depreciation</td> <td style="text-align: right;">\$ 38,293,682</td> </tr> <tr> <td>Gas plant cleanup</td> <td style="text-align: right;">2,493</td> </tr> <tr> <td>MI - energy optimization</td> <td style="text-align: right;">74,982</td> </tr> <tr> <td>Prepaid insurance</td> <td style="text-align: right;">10,971</td> </tr> <tr> <td>W3 ReAct</td> <td style="text-align: right;">159,830</td> </tr> <tr> <td>Crane Creek depreciation deferral</td> <td style="text-align: right;">7,560</td> </tr> <tr> <td>Total</td> <td style="text-align: right; border-top: 1px solid black;">\$ 38,549,518</td> </tr> <tr> <td>Federal tax net income</td> <td style="text-align: right;">\$ (7,563,977)</td> </tr> <tr> <td>Tax @ 21%</td> <td style="text-align: right; border-top: 1px solid black;">\$ (1,588,435)</td> </tr> <tr> <td>Taxes applicable to current year</td> <td style="text-align: right;">\$ (1,588,435)</td> </tr> <tr> <td>Adjustments to prior years</td> <td style="text-align: right;">(1,410,248)</td> </tr> <tr> <td>Net tax accrual</td> <td style="text-align: right; border-top: 1px solid black;">\$ (2,998,683)</td> </tr> </table> <p>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, 2019, with its ultimate parent: WEC Energy Group, Inc.</p> <p>The tax liability of each company/member of the consolidated tax return is as if separate returns were filed by each of the individual companies/members.</p>			Tax depreciation in excess of book depreciation	\$ 38,293,682	Gas plant cleanup	2,493	MI - energy optimization	74,982	Prepaid insurance	10,971	W3 ReAct	159,830	Crane Creek depreciation deferral	7,560	Total	\$ 38,549,518	Federal tax net income	\$ (7,563,977)	Tax @ 21%	\$ (1,588,435)	Taxes applicable to current year	\$ (1,588,435)	Adjustments to prior years	(1,410,248)	Net tax accrual	\$ (2,998,683)
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Adjustments to prior years	(1,410,248)																												
Net tax accrual	\$ (2,998,683)																												

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019	
TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Account 236)				
<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>				
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	2,302,147		
2	Taxes accrued - other assessment MPSC	311,027		
3	Taxes accrued - income - federal			
4	Taxes accrued - income - franchise			
5	Federal excise tax			
6	Unauthorized insurance tax			
7	Use tax			
8	Payroll taxes billed			
9				
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	1,483,718	584,300		
2	191,522	101,062		
3				
4				
5				
6		5,432		
7		712		
8	232,515	20,021		
9				
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)	
3,697,128	3,047,947		2,951,328		1
292,584	238,145		365,466		2
					3
					4
727	727				5
4,704	4,704				6
915	915				7
252,537	252,537				8
					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.
			1,629,110	1
				2
				3
				4
				5
				6
			203	7
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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	Fuel true-up liability	764,147
2	Customer prepayments	234,260
3	Other	(25,533)
4		
5		
6		
7		
8		
9		
10		
11		
12		
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14		
15		
16		
17		
18		
19		
20		
21	TOTAL	972,874

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)

Line No.	List Advances by department (a)	Balance End of Year (b)
23	Electric	241,628
24		
25		
26		
27		
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31		
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33		
34		
35		
36		
37		
38		
39	TOTAL	241,628

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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)	Amounts Credited to Acct. 411.1 (d)
1	Account 282			
2	Electric	20,256,278	13,924,115	6,591,490
3	Gas	74,998	2,368,087	2,060,388
4	Other (Define)			
5	TOTAL (Enter total of lines 2 thru 4)	20,331,276	16,292,202	8,651,878
6	Other (Specify)			
7				
8				
9	TOTAL Account 282 (Enter total of lines 5 thru 8)	20,331,276	16,292,202	8,651,878
10	Classification of TOTAL			
11	Federal Income Tax	16,472,621	14,413,514	7,491,063
12	State Income Tax	3,858,655	1,878,688	1,160,815
13	Local Income Tax			

NOTES

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

**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				Balance at End of Year	Line No.
Amounts Debited to Acct. 410.2 (e)	Amounts Credited to Acct. 411.2 (f)	DEBITS		CREDITS			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)	(k)	
			5,566,983		6,229,550	28,251,470	1
			148,346		417,411	651,762	2
							3
							4
			5,715,329		6,646,961	28,903,232	5
							6
							7
							8
0	0		5,715,329		6,646,961	28,903,232	9
							10
			5,142,321		5,890,468	24,143,219	11
			573,008		756,493	4,760,013	12
							13

NOTES (Continued)

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)																																
274	9	b	<p align="center">Adjustments</p> <table border="0"> <tr> <td></td> <td align="right">Debits</td> <td align="right">Credits</td> <td></td> </tr> <tr> <td>Electric balance reclass</td> <td align="right">\$ -</td> <td align="right">\$ 752,071</td> <td align="right">\$ (752,071)</td> </tr> <tr> <td>Gas balance reclass</td> <td align="right">679,980</td> <td align="right">-</td> <td align="right">679,980</td> </tr> <tr> <td>TOTAL reclass by class</td> <td></td> <td></td> <td align="right"><u>\$ (72,091)</u></td> </tr> </table> <table border="0"> <tr> <td></td> <td align="right">Debits</td> <td align="right">Credits</td> <td></td> </tr> <tr> <td>Federal balance reclass</td> <td align="right">\$ 679,980</td> <td align="right">\$ -</td> <td align="right">\$ 679,980</td> </tr> <tr> <td>State balance reclass</td> <td align="right">-</td> <td align="right">752,071</td> <td align="right">(752,071)</td> </tr> <tr> <td>TOTAL reclass by jurisdiction</td> <td></td> <td></td> <td align="right"><u>\$ (72,091)</u></td> </tr> </table>		Debits	Credits		Electric balance reclass	\$ -	\$ 752,071	\$ (752,071)	Gas balance reclass	679,980	-	679,980	TOTAL reclass by class			<u>\$ (72,091)</u>		Debits	Credits		Federal balance reclass	\$ 679,980	\$ -	\$ 679,980	State balance reclass	-	752,071	(752,071)	TOTAL reclass by jurisdiction			<u>\$ (72,091)</u>
	Debits	Credits																																	
Electric balance reclass	\$ -	\$ 752,071	\$ (752,071)																																
Gas balance reclass	679,980	-	679,980																																
TOTAL reclass by class			<u>\$ (72,091)</u>																																
	Debits	Credits																																	
Federal balance reclass	\$ 679,980	\$ -	\$ 679,980																																
State balance reclass	-	752,071	(752,071)																																
TOTAL reclass by jurisdiction			<u>\$ (72,091)</u>																																

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Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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)	Amounts Credited to Acct. 411.1 (d)
1	Account 283			
2	Electric			
3				
4	Other Than Plant	2,274,605	3,693,307	3,860,454
5				
6	Other			
7	TOTAL Electric <i>(total of lines 2 thru 6)</i>	2,274,605	3,693,307	3,860,454
8	Gas			
9		(257,381)	323,577	51,298
10				
11				
12				
13	Other			
14	TOTAL Gas <i>(Total of lines 9 thru 13)</i>	(257,381)	323,577	51,298
15	Other: Nonutility	1,840,406		
16	TOTAL (Account 283) <i>(Enter total of lines 7, 14 and 15)</i>	3,857,630	4,016,884	3,911,752
17	Classification of TOTAL			
18	Federal Income Tax	3,084,657	3,284,793	3,194,769
19	State Income Tax	772,973	732,091	716,983
20	Local Income Tax			
NOTES				

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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				Balance at End of Year (k)	Line No.
Amounts Debited to Acct. 410.2 (e)	Amounts Credited to Acct. 411.2 (f)	DEBITS		CREDITS			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
							2
							3
			(1,128,850)		1,627,878	4,864,186	4
							5
							6
			(1,128,850)		1,627,878	4,864,186	7
							8
			290,147		303,127	27,878	9
							10
							11
							12
							13
			290,147		303,127	27,878	14
186,470	242,214					1,784,662	15
186,470	242,214		(838,703)		1,931,005	6,676,726	16
							17
147,459	190,209		(492,486)		1,646,444	5,270,861	18
39,011	52,005		(346,217)		284,561	1,405,865	19
							20

NOTES (Continued)

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019			
OTHER REGULATORY LIABILITIES						
<p>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).</p> <p>2. For regulatory liabilities being amortized, show period of amortization in column (a).</p> <p>3. Minor items (amounts less than \$50,000) may be grouped by classes.</p> <p>4. Give the number and name of the account(s) where each amount is recorded.</p>						
Line No.	Description and Purpose of Other Regulatory Liabilities (a)	Balance at Beginning of Current Quarter/Year (b)	DEBITS		Credits (e)	Balance at End of Year (f)
			Account Credited (c)	Amount (d)		
1	Income tax related	14,684,606	190,282	2,845,776	4,280,309	16,119,139
2	Renewable energy program	326,627	908	631,857	608,289	303,059
3	MI MISO SSR deferral	266,052				266,052
4	Crane Creek depreciation deferral	156,193	407	7,560		148,633
5	Tax savings/remeasure	153,489	456,495	2,508,126	2,560,898	206,261
6	Derivatives			325,385	522,301	196,916
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
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32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50	TOTAL	15,586,967		6,318,704	7,971,797	17,240,060

NOTE: All amounts are recorded in Account 254.

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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GAIN OR LOSS ON DISPOSITION OF PROPERTY (Account 421.1 and 421.2) (Continued)

Line No.	Description of Property (a)	Original Cost of Related Property (b)	Date Journal Entry Approved (When Required) (c)	Account 421.1 (d)	Account 421.2 (e)
18	Loss on disposition of property:				
19	Minor sales - Utility (1 Property)	24,338	N/A		13,065
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34	Total Loss	24,338			13,065

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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	<u>Revenues from Nonutility Operations</u>	
2	None	
3	Subtotal 417	0
4		
5	<u>Non-Operating Rental Income</u>	
6		
7	Subtotal 418	0
8		
9	<u>Equity in Earnings of Subsidiary Companies</u>	
10	None	
11	Subtotal 418.1	0
12		
13	<u>Interest and Dividend Income</u>	
14	Tax interest	(1,387)
15	Subtotal 419	(1,387)
16		
17	<u>Miscellaneous Non-Operating Income</u>	
18	Carry costs on tax reform and MI acts	16,240
19	W3 ReAct deferral	(178,620)
20		
21	Subtotal 421	(162,380)
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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ELECTRIC OPERATING REVENUES (Account 400)

- Report below operating revenues for each prescribed account.
- 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.
- If increases or decreases from pervious 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	Sales of Electricity		
2	(440) Residential Sales	32,652,497	33,998,307
3	(442) Commercial and Industrial Sales		
4	Small (or Commercial)	16,064,732	17,166,641
5	Large (or Industrial)	63,696,005	16,888,019
6	(444) Public Street and Highway Lighting	677,590	695,465
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales	312	309
10	(449) Other Sales		
11			
12	TOTAL Sales to Ultimate Consumers	113,091,136	68,748,741
13			
14	(447) Sales for Resale	1,659,639	
15	TOTAL Sales of Electricity	114,750,775 *	68,748,741
16			
17	(Less) (449.1) Provision for Rate Refunds		
18	TOTAL Revenue Net of Provision for Refunds	114,750,775	68,748,741
19	Other Operating Revenues		
20	(450) Forfeited Discounts	233,609	333,956
21	(451) Miscellaneous Service Revenues	5,476	5,400
22	(453) Sales of Water and Water Power		
23	(454) Rent from Electric Property	416,546	171,164
24	(455) Interdepartmental Rents		
25	(456) Other Electric Revenues	2,751,928	3,276,692
26			
27			
28			
29			
30	TOTAL Other Operating Revenues	3,407,559	3,787,212
31			
32	TOTAL Electric Operating Revenues	118,158,334	72,535,953

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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)	
231,540	234,233	32,790	32,763	1
				2
				3
124,337	127,014	3,905	3,886	4
1,251,431	258,875	33	31	5
2,930	3,015	89	84	6
				7
				8
2	1	1		9
				10
				11
1,610,240 **	623,138	36,818	36,764	12
2,516				13
				14
1,612,756	623,138	36,818	36,764	15
				16
				17
1,612,756	623,138	36,818	36,764	18

* Includes \$3,983,697 unbilled revenues.
 ** Includes 115,512 MWH relating to unbilled revenues.

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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	Sales of Electricity		
2	(440) Residential Sales		
3	(442) Commercial and Industrial Sales		
4	Small (or Commercial)	1,775,493	1,925,522
5	Large (or Industrial)	1,059,337	1,019,422
6	(444) Public Street and Highway Lighting		
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales		
10	(449) Other Sales		
11			
12	TOTAL Sales to Ultimate Consumers	2,834,830	2,944,944
13			
14	(447) Sales for Resale		
15	TOTAL Sales of Electricity	2,834,830 *	2,944,944
16			
17	(Less) (449.1) Provision for Rate Refunds		
18	TOTAL Revenue Net of Provision for Refunds	2,834,830	2,944,944
19	Other Operating Revenues		
20	(450) Forfeited Discounts		
21	(451) Miscellaneous Service Revenues		
22	(453) Sales of Water and Water Power		
23	(454) Rent from Electric Property		
24	(455) Interdepartmental Rents		
25	(456) Other Electric Revenues		
26			
27			
28			
29			
30	TOTAL Other Operating Revenues	0	0
31			
32	TOTAL Electric Operating Revenues	2,834,830	2,944,944

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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 increase 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
53,653	57,890	67	69	4
250,772	209,231	18	18	5
				6
				7
				8
				9
				10
				11
304,425 **	267,121	85	87	12
				13
				14
304,425	267,121	85	87	15
				16
				17
304,425	267,121	85	87	18

* Includes \$(23,481) unbilled revenues.

** Includes (6,072) MWH relating to unbilled revenues.

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

SALES OF ELECTRICITY BY RATE SCHEDULES

- 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.
- 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.
- 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.
- 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).
- For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
- 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 Res	222,770	31,855,208	32,247	6,908	0.1430
3	Rg1T-MI	2,212	249,412	164	13,488	0.1128
4	Rg2 Res	6,057	689,960	379	15,982	0.1139
5	LS-1M1	10	2,362			0.2362
6	LS-1M3	110	31,074			0.2825
7	NAT-R-MI Residential - WPS		1,500			
8	G11 Res Area Light	296	79,837			0.2697
9	LED		159			
10	Unb Res	85	(257,015)			(3.0237)
11						
12	Total Residential	231,540	32,652,497	32,790	7,061	0.1410
13						
14	Commercial & Industrial - Small					
15	Cg1 GenSec	76,175	10,979,608	3,607	21,119	0.1441
16	CG-1T-MI	810	94,047	61	13,279	0.1161
17	Cg2 GS Dem					
18	Cg2 GS - Tot. Elec	2,239	296,214	37	60,514	0.1323
19	Cg3 GS Lg. TOU	37,446	3,835,600	81	462,296	0.1024
20	Cg5 Small TOU	5,495	698,820	99	55,505	0.1272
21	LS-1M1	187	34,614			0.1851
22	LS-1M3	218	38,515			0.1767
23	MP-1-MI	691	69,287	4	172,750	0.1003
24	NAT-F-MI					
25	G11 GS Area Lighting	598	128,633			0.2151
26	AES-CG-3MI					
27	Trans Substation Metered					
28	Trans Substation Unmetered	589	48,899	16	36,813	0.0830
29	Unb Sec	(111)	(159,505)			1.4370
30						
31	Total Small Com'l & Industrial	124,337	16,064,732	3,905	31,840	0.1292
32						
33	Commercial & Industrial - Large					
34	Cp1 Gen Prim	4,932	417,353	1	4,932,000	0.0846
35	Cp1 Special Con.	5,206	408,629	1	5,206,000	0.0785
36	Cp3 Gen Prim-Curt	69,655	5,030,551	2	34,827,500	0.0722
37	SC TMSC	877,463	42,937,641			0.0489
38	CPB-MI-TRA	590	63,332			0.1073
39	CPI-TRN-MI	161,437	8,881,175	2	80,718,500	0.0550
40	CP-PRI-MI	716	79,069	1	716,000	0.1104
41	Total Billed	1,494,728	109,107,439	36,817	40,599	0.0730
42	Total Unbilled Rev. (See Instr. 6)	115,512	3,983,697	0	0	0.0345
43	TOTAL	1,610,240	113,091,136	36,817	43,736	0.0702

Name of Respondent	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
Upper Michigan Energy Resources Corporation			

SALES OF ELECTRICITY BY RATE SCHEDULES

- 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.
- 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.
- 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.
- 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).
- For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
- 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	CP-SEC-MI	15,827	1,460,588	26	608,731	0.0923
2	LS-1M1					
3	LS-1M3					
4	G11 GP Area Lighting	80	17,651			0.2206
5	AES-CP1M-S					
6	Unb Pri	115,525	4,400,016			0.0381
7						
8	Total Large Com'l & Industrial	1,251,431	63,696,005	33	37,922,152	0.0509
9						
10	Public Street & Highway					
11	Cg5 Opt. TOU St. Lt.	161	25,131	2	80,500	0.1561
12	Ms2 Std. Sodium/Metal (MI)	1,900	467,234	56	33,929	0.2459
13	Ms3 Non-Std St. Lt. (MI)	123	32,903	26	4,731	0.2675
14	LED - MI Standard - Gov't	10	7,289	3	3,333	0.7289
15	LED - MI Non-Standard - Gov't	6	2,516	2	3,000	0.4193
16	LS-1M(COS)	596	126,813			0.2128
17	LS-1M(CUS)	121	15,503			0.1281
18	Unb StLt	13	201			0.0155
19						
20	Total Public Street & Highway	2,930	677,590	89	32,921	0.2313
21						
22	Interdepartmental Sales	2	312			0.1560
23	Total Interdepartmental Sales	2	312			0.1560
24						
25						
26	Unbilled Revenue (by revenue					
27	account subheading) included					
28	in totals above:					
29						
30	Residential:		(257,015)			
31	Small C&I		(159,505)			
32	Large C&I		4,400,016			
33	Public Street & Highway:		201			
34	Total		3,983,697			
35						
36						
37						
38						
39						
40						
41	Total Billed	1,494,728	109,107,439	36,817	40,599	0.0730
42	Total Unbilled Rev. (See Instr. 6)	115,512	3,983,697	0	0	0.0345
43	TOTAL	1,610,240	113,091,136	36,817	43,736	0.0702

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019																														
FOOTNOTE DATE																																			
Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)																																
304.1	36	a	<p>All rate schedules in Michigan and Wisconsin had a net fuel adjustment clause in 2019 of \$4,339,323 as a reduction to revenue.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Residential</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">1,754,237</td> </tr> <tr> <td>Total Small Commercial</td> <td></td> <td style="text-align: right;">988,048</td> </tr> <tr> <td>Total Large Commercial</td> <td></td> <td style="text-align: right;">1,577,312</td> </tr> <tr> <td>Total Street/Hwy Lighting</td> <td></td> <td style="text-align: right;">19,726</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">4,339,323</td> </tr> </table> <p>The reduction in revenue pursuant to the Tax Cuts and Jobs Act is \$2,038,791.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Residential</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">1,126,266</td> </tr> <tr> <td>Total Small Commercial</td> <td></td> <td style="text-align: right;">530,638</td> </tr> <tr> <td>Total Large Commercial</td> <td></td> <td style="text-align: right;">358,681</td> </tr> <tr> <td>Total Street/Hwy Lighting</td> <td></td> <td style="text-align: right;">23,206</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">2,038,791</td> </tr> </table>			Total Residential	\$	1,754,237	Total Small Commercial		988,048	Total Large Commercial		1,577,312	Total Street/Hwy Lighting		19,726	Total	\$	4,339,323	Total Residential	\$	1,126,266	Total Small Commercial		530,638	Total Large Commercial		358,681	Total Street/Hwy Lighting		23,206	Total	\$	2,038,791
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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

CUSTOMER CHOICE SALES OF ELECTRICITY BY RATE SCHEDULES

- 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.
- Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," page 300-301. 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.
- 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.
- 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).
- For any rate schedule having a fuel adjustment clause, state in a footnote the estimated additional revenue billed pursuant thereto.
- 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	Commercial & Industrial - Small					
2	Cg1 - General Secondary - WE	8,754	464,006	24	364,750	0.0530
3	Cg1 - Unbilled	(151)	(6,140)			0.0407
4	Cg3 - General Secondary Large Time of Use - WE	45,563	1,330,927	42	1,084,833	0.0292
5	Cg3 - Unbilled	(594)	(15,359)			0.0259
6	AES-CG-3MI - WPS	81	2,050	1	81,000	0.0253
7	AES-CG-3MI - Unbilled	(96)	9			(0.0001)
8	Total Small Com'l & Industrial	53,557	1,775,493	67	799,358	0.0332
9						
10	Commercial & Industrial - Large					
11	Cp1 - General Primary - WE	13,648	295,727	2	6,824,000	0.0217
12	Cp1 - Unbilled	(593)	(12,868)			0.0217
13	Cp1 - Schedule A - WE	201,698	424,368	1	201,698,000	0.0021
14	Cp1 - Unbilled	7,506	10,877			0.0014
15	CpLC - General Primay Large Curt - WE					
16	CpLC - Unbilled					
17	AES-CP1M-S - WPS	28,513	341,233	15	1,900,867	0.0120
18	AES-CP1M-S - Unbilled					
19	Total Large Com'l & Industrial	250,772	1,059,337	18	13,931,778	0.0042
20						
21	Unbilled Revenue (by revenue account subheading, included in totals above:					
22						
23						
24	Small C&I:		(21,490)			
25	Large C&I:		(1,991)			
26	Total		(23,481)			
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	Total Billed	298,257	2,858,311	85	3,508,906	0.0096
42	Total Unbilled Rev. (See Instr. 6)	6,072	(23,481)	0	0	(0.0039)
43	TOTAL	304,329	2,834,830	85	3,580,341	0.0093

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

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)	Avg. Monthly CP Demand (f)
1	Midcontinent Independent System					
2	Operator, Inc.	OS	2	NA	NA	NA
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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 (g)	REVENUE				Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)	Total (\$) (h + i + j) (f)	
				0	1
66,546	57,306	2,003,116	1,427,520	3,487,942	2
				0	3
				0	4
				0	5
				0	6
				0	7
				0	8
				0	9
				0	10
				0	11
				0	12
				0	13
				0	14

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019																																
FOOTNOTE DATE																																					
Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)																																		
310.0	2	j	Sale of MISO ancillary service products: regulation service, spinning reserve service, supplemental reserve service, and ramp capability product.																																		
310.0	3	j	<p>Beginning in early June 2006, the FERC issued a clarification to its Order 668 that requires the separate netting of the Day Ahead and Real Time Energy Market transactions for RTO markets. Prior to that period, all Day Ahead and Real Time Energy Market transactions were netted together on an hourly basis to determine the net purchase or sale position for each hour. For 2019 reporting, the MPSC has allowed the combined netting of the Day Ahead and Real Time Energy Market transactions for RTO markets in order to be consistent with the 2005 netting methodology. Due to these differences in reporting requirements, the purchase and sale amounts reported to the FERC are higher than amounts reported to the MPSC as follows:</p> <table border="0"> <tr> <td colspan="2"><u>MWH:</u></td> <td>Purchases</td> <td>Sales</td> </tr> <tr> <td>FERC Form 1</td> <td></td> <td>1,081,875</td> <td>66,546</td> </tr> <tr> <td>MWH netting adjustment</td> <td></td> <td><u>(64,030)</u></td> <td><u>(64,030)</u></td> </tr> <tr> <td>MPSC</td> <td></td> <td>1,017,845</td> <td>2,516</td> </tr> <tr> <td colspan="2"> <u>Dollars:</u></td> <td>Purchases</td> <td>Sales</td> </tr> <tr> <td>FERC Form 1</td> <td></td> <td>\$ 31,269,229</td> <td>\$ 3,487,942</td> </tr> <tr> <td>MWH netting adjustment</td> <td></td> <td><u>(1,828,303)</u></td> <td><u>(1,828,303)</u></td> </tr> <tr> <td>MPSC</td> <td></td> <td>\$ 29,440,926</td> <td>\$ 1,659,639</td> </tr> </table>			<u>MWH:</u>		Purchases	Sales	FERC Form 1		1,081,875	66,546	MWH netting adjustment		<u>(64,030)</u>	<u>(64,030)</u>	MPSC		1,017,845	2,516	 <u>Dollars:</u>		Purchases	Sales	FERC Form 1		\$ 31,269,229	\$ 3,487,942	MWH netting adjustment		<u>(1,828,303)</u>	<u>(1,828,303)</u>	MPSC		\$ 29,440,926	\$ 1,659,639
<u>MWH:</u>		Purchases	Sales																																		
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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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ELECTRIC OPERATION AND MAINTENANCE EXPENSES

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

Line No.	Account (a)	Amt. For Current Year (b)	Amt. For Previous Year (c)
1	1. POWER PRODUCTION EXPENSES		
2	A. Steam Power Generation		
3	Operation		
4	(500) Operation Supervision and Engineering		
5	(501) Fuel		
6	(502) Steam Expenses		
7	(503) Steam from Other Sources		
8	(Less) (504) Steam Transferred - CR.		
9	(505) Electric Expenses		
10	(506) Miscellaneous Steam Power Expenses	123,299	
11	(507) Rents		
12	(509) Allowances		
13	TOTAL Operation (Enter Total of Lines 4 thru 12)	123,299	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)	123,299	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)		
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)		
41	TOTAL Power Production Expenses-Nuclear Power (Total of lines 33 & 40)		
42	C. Hydraulic Power Generation		
43	Operation		
44	(535) Operation Supervision and Engineering		
45	(536) Water for Power		
46	(537) Hydraulic Expenses		
47	(538) Electric Expenses		
48	(539) Miscellaneous Hydraulic Power Generation Expenses		
49	(540) Rents		
50	TOTAL Operation (Enter Total of Lines 44 thru 49)	0	0

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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)			
59	TOTAL Pwr. Production Expenses-Hydraulic Pwr.(Total of lines 50 & 58)			
60	D. Other Power Generation			
61	Operation			
62	(546) Operation Supervision and Engineering	117,802		
63	(547) Fuel	13,971,389		
64	(548) Generation Expenses	626,357		
65	(549) Miscellaneous Other Power Generation Expenses	661,481		
66	(550) Rents			
67	TOTAL Operation (Total of Lines 62 thru 66)	15,377,029		0
68	Maintenance			
69	(551) Maintenance Supervision and Engineering	14,320		
70	(552) Maintenance of Structures			
71	(553) Maintenance of Generating and Electric Plant	1,852,337		
72	(554) Maintenance of Miscellaneous Other Power Generation Plant			
73	TOTAL Maintenance (Total of Lines 69 thru 72)	1,866,657		
74	TOTAL Power Production Expenses-Other Power (Total of Lines 67 & 73)	17,243,686		
75	E. Other Power Supply Expenses			
76	(555) Purchased Power	31,269,229		38,850,481
77	(556) System Control and Load Dispatching	15,907		18,770
78	(557) Other Expenses	137,392		128,247
79	Total Other Power Supply Expenses (Total of Lines 76 thru 78)	31,422,528		38,997,498
80	Total Pwr. Production Expenses (Total of lines 21, 41, 59, 74 & 79)	48,789,513		38,997,498
81	2. TRANSMISSION EXPENSES			
82	Operation			
83	(560) Operation Supervision and Engineering			
84	(561) Load Dispatching	592,272		
85	(562) Station Expenses			
86	(563) Overhead Lines Expenses			
87	(564) Underground Lines Expenses			
88	(565) Transmission of Electricity by Others	16,209,879		6,543,976
89	(566) Miscellaneous Transmission Expenses			
90	(567) Rents			
91	TOTAL Operation (Total of Lines 83 thru 90)	16,802,151		6,543,976
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)	16,802,151		6,543,976
101	3. REGIONAL MARKET EXPENSES			
102	Operation			
103	(575.7) Market Facilitation, Monitoring and Compliance Services	242,104		

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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)	242,104	0	
105	4. DISTRIBUTION EXPENSES			
106	Operation			
107	(580) Operation Supervision and Engineering	673	3,456	
108	(581) Load Dispatching	98,884	99,073	
109	(582) Station Expenses	47,222	46,030	
110	(583) Overhead Line Expenses	610,180	474,059	
111	(584) Underground Line Expenses	48,900	34,970	
112	(585) Street Lighting and Signal System Expenses	101,908	104,518	
113	(586) Meter Expenses	94,119	101,282	
114	(587) Customer Installations Expenses		573	
115	(588) Miscellaneous Expenses	484,927	466,865	
116	(589) Rents			
117	TOTAL Operation (Total of Lines 106 thru 116)	1,486,813	1,330,826	
118	Maintenance			
119	(590) Maintenance Supervision and Engineering	6,597	6,609	
120	(591) Maintenance of Structures	20,321	26,448	
121	(592) Maintenance of Station Equipment	209,962	145,976	
122	(593) Maintenance of Overhead Lines	2,554,734	1,680,459	
123	(594) Maintenance of Underground Lines	162,294	265,045	
124	(595) Maintenance of Line Transformers		622	
125	(596) Maintenance of Street Lighting and Signal Systems	84,319	86,260	
126	(597) Maintenance of Meters			
127	(598) Maintenance of Miscellaneous Distribution Plant			
128	TOTAL Maintenance (Total of Lines 119 thru 127)	3,038,227	2,211,419	
129	TOTAL Distribution Expenses (Total of Lines 117 & 128)	4,525,040	3,542,245	
130	5. CUSTOMER ACCOUNTS EXPENSES			
131	Operation			
132	(901) Supervision	8,148	11,516	
133	(902) Meter Reading Expenses	60,163	44,577	
134	(903) Customer Records and Collection Expenses	438,536	410,886	
135	(904) Uncollectible Accounts	702,587	488,953	
136	(905) Miscellaneous Customer Accounts Expenses	12,316	17,013	
137	TOTAL Customer Accounts Expenses (Total of Lines 131 thru 136)	1,221,750	972,945	
138	6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES			
139	Operation			
140	(907) Supervision	3,582	1,428	
141	(908) Customer Assistance Expenses	2,728,376	1,595,113	
142	(909) Informational and Instructional Expenses	59,104	54,013	
143	(910) Miscellaneous Customer Service and Informational Expenses			
144	TOTAL Customer Service and Informational Exp. (Total of Lines 139 thru 143)	2,791,062	1,650,554	
145	7. SALES EXPENSE			
146	Operation			
147	(911) Supervision			
148	(912) Demonstrating and Selling Expenses			
149	(913) Advertising Expenses		648	
150	(916) Miscellaneous Sales Expenses			
151	Total Sales Expenses (Total of Lines 147 thru 150)	0	648	
152	8. ADMINISTRATIVE AND GENERAL EXPENSES			
153	Operation			
154	(920) Administrative and General Salaries	629,139	543,417	
155	(921) Office Supplies and Expenses	330,629	304,134	
156	(Less) (922) Administrative Expenses Transferred - CR			

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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	352,698	400,348
159	(924) Property Insurance	63,932	15,760
160	(925) Injuries and Damages	155,720	112,230
161	(926) Employee Pensions and Benefits	1,096,566	776,714
162	(927) Franchise Requirements		43,536
163	(928) Regulatory Commission Expenses	248,034	235,967
164	(929) Duplicate Charges - CR.	1,259	851
165	(930.1) General Advertising Expenses		
166	(930.2) Miscellaneous General Expenses	74,140	113,307
167	(931) Rents	96,740	149,198
168	TOTAL Operation (Total of Lines 154 thru 167)	3,046,339	2,693,760
169	Maintenance		
170	(935) Maintenance of General Plant		
171	TOTAL Administrative and General Expenses (Total of Lines 168 & 170)	3,046,339	2,693,760
172	TOTAL Electric Operation and Maintenance Expenses (Enter total of lines 80, 100, 104, 129, 137, 144, 151, and 168)	77,417,959	54,401,626

NUMBER OF ELECTRIC DEPARTMENT EMPLOYEES		
<p>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.</p> <p>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.</p>	<p>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.</p>	
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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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019			
PURCHASED POWER (Account 555) (Including power exchanges)						
<p>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.</p> <p>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.</p> <p>3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>						
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					
2	Operator, Inc.	OS				
3	Wisconsin Electric Power Company	LU				
4	Wisconsin Public Service Corporation	LU				
5	Trudell Ruth	OS				
6	Verso Paper % D Lindstrom	OS				
7						
8						
9						
10						
11						
12						
13						
14						

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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.

Megawatthours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	Megawatthours Received	Megawatthours Delivered	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j + k + l) or Settlement (\$) (m)	
	(h)	(i)					
						0	1
907,212			46,350	21,007,701	113,849	21,167,900	2
102,078			4,356,008	2,159,791		6,515,799	3
72,560			1,835,605	1,747,589		3,583,194	4
7				1,587		1,587	5
19				749		749	6
							7
							8
							9
							10
							11
							12
							13
							14

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FOOTNOTE DATE					
Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)		
326	2	g	MISO purchases have been reported in accordance with FERC Order 668-A, which requires transactions for the real-time and day-ahead RTO administered energy markets to be separately reported for each hour. The total MISO purchases MWHs when the purchases and sales are netted together on an hourly basis are 843,182.		
326	2	k	MISO purchases have been reported in accordance with FERC Order 668-A, which requires transactions for the real-time and day-ahead RTO administered energy markets to be separately reported for each hour. The total MISO purchases when the purchases and sales are netted together on an hourly basis are \$19,179,398.		
326	2	l	Amount represents 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. each point, such sales may be grouped.
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 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		1,660	312	5.32
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. represents profit or return on property, depreciation and taxes, give particulars and the basis of apportionment of such charges to Accounts 454 and 455.
2. Minor rents may be grouped by classes. 4. Designate if lessee is an associated company.
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 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	170,853
20	Various cable TV companies	Pole Contacts - Michigan	73,580
21	Various fiber optic	Pole Contacts - Michigan	172,113
22			
23	<u>Account 455:</u>		
24	None		
25			
26			
27			
28			
29	Total		416,546

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SALES OF WATER AND WATER POWER (Account 453)				
1. Report below the information called for concerning revenues derived during the year from sales to others of water or water power. 2. In column (c) show the name of the power		development of the respondent supplying the water or water power sold. 3. Designate associated companies.		
Line No.	Name of Purchaser (a)	Purpose for Which Water Was Used (b)	Power Plant Development Supplying Water or Water Power (c)	Amount of Revenue for Year (d)
1	None			
2				
3				
4				
5				
6				
7				
8				
9				
10	TOTAL			0

MISCELLANEOUS SERVICE REVENUES AND OTHER ELECTRIC REVENUES (Accounts 451, 456)		
1. Report particulars concerning miscellaneous service revenues and other electric revenues derived from electric utility operations during year. Report separately in this schedule the total revenues from operation of fish and wildlife and recreation facilities, regardless of whether such facilities are operated by		company or by contract concessionaires. Provide a subheading and total for each account. For Account 456, list first revenues realized through Research and Development ventures, see Account 456. 2. Designate associated companies. 3. Minor items may be grouped by classes.
Line No.	Name of Company and Description of Service (a)	Amount of Revenue for Year (b)
11	Geographic Basis	
12		
13		
14	<u>Miscellaneous Service Revenues (451)</u>	
15	Fees & charges for changing, connecting & disconnecting services	5,476
16	Total	5,476
17		
18	<u>Other Electric Revenues (456)</u>	
19	Michigan retail access	2,834,830
20	Generating services-miscellaneous	716,487
21	MI Act 295 renewable energy true-up	(603,557)
22	Tax reform	(164,694)
23	Miscellaneous	(31,138)
24		
25	Total	2,751,928
26		
27		
28		
29		
30	TOTAL	2,757,404

Name of Respondent	This Report Is:	Date of Report	Year of Report
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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] (a)	TRANSFER OF ENERGY		EXPENSES FOR TRANSMISSION OF ELECTRICITY BY OTHERS			
		Megawatthours Received (b)	Megawatthours Delivered (c)	Demand Charges (\$) (d)	Energy Charges (\$) (e)	Other Charges (\$) (f)	Total Cost of Transmission (\$) (g)
1	Wisconsin Electric Power Company	OS				1,420,135	1,420,135
2	Wisconsin Public Service Corporation	OS				690,602	690,602
3	Midwest Independent System	FNS			9,751,007	4,348,135	14,099,142
4	Operator, Inc.						
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	Total	0	0	0	9,751,007	6,458,872	16,209,879

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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
332	1	f	Other charges consist of transmission pass-through charges.
332	2	f	Other charges consist of transmission pass-through charges.
332	3	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	3	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 Service), 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	49,738		
2	Nuclear Power Research Expenses			
3	Other Experimental and General Research Expenses	9,777		
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 <i>(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)</i>			
6				
7	Depreciation and cost of capital charges from WBS	(82,470)		
8	Director fees and corporate expenses	81,994		
9	Exp of corporate organization	12,789		
10	Bank fees	1,668		
11	Miscellaneous	644		
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
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41				
42				
43				
44				
45				
46	TOTAL	74,140		

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

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

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

A. SUMMARY OF DEPRECIATION AND AMORTIZATION CHARGES

Line No.	Functional Classification	Depreciation Expense (Account 403)	Amortization of Limited-Term Electric Plant (Account 404)	Amortization of Other Electric Plant (Acct. 405)	Total
	(a)	(b)	(c)	(d)	(e)
1	Intangible Plant				
2	Steam Production Plant				
3	Nuclear Production Plant				
4	Hydraulic Production Plant-Conventional				
5	Hydraulic Production Plant-Pumped Storage				
6	Other Production Plant	6,145,612			6,145,612
7	Transmission Plant				
8	Distribution Plant	4,685,010			4,685,010
9	Regional Transmission and Market Operation				
10	General Plant	35,529			35,529
11	Common Plant-Electric	16		64,156	64,172
12	TOTAL	10,866,167		64,156	10,930,323

B. BASIS FOR AMORTIZATION CHARGES

None

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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	EEI dues	2,844
15	BGR Government Affairs LLC	861
16	Michigan Manufacturers Association	616
17	Randall Davis Association	390
18	Miscellaneous items under 5% of account	2,974
19	Total - 426.4	7,685
20		
21	Other Deductions (426.5)	
22	SSS Holdings	1,942
23	Greater Milwaukee Committee	92
24	Friends of Boerner	61
25	Miscellaneous items under 5% of account	1,138
26	Total - 426.5	3,233
27		
28	Other Interest Expense (431)	
29	Long-term debt (431000060)	3,854,542
30	Customer Deposits (431000010)	656
31	WEPCO PPA (9/19)	(40,981)
32	Other interest expense under \$10,000	(14,699)
33	Total - 431	3,799,518
34		
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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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	\$ 3,526
2	Employee labor and expenses	2,713
3	Consulting	1,446
4		
5		
6		
7		
8		
9		
10		
11		
12		
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32	TOTAL	7,685

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Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

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 <i>(Furnish name of regulatory commission or body, the docket or case number, and a description of the case.)</i> (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	Federal Energy Regulatory Commission				
2					
3	Public Service Commission of Wisconsin				
4					
5	Michigan Public Service Commission		210,613	210,613	
6					
7	North American Electric Reliability Corp.				
8					
9					
10	Other Expenses: Electric		37,421	37,421	
11	Other Expenses: Gas		30,265	30,265	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
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43					
44	TOTAL	0	278,299	278,299	

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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				Line No.
CHARGED CURRENTLY TO			Deferred	Contra Account	Amount	Deferred at End of Year	
Department	Account No.	Amount					
(f)	(g)	(h)	(i)	(j)	(k)	(l)	
							1
							2
							3
							4
							5
							6
							7
							8
							9
Electric	928	248,034					10
Gas	928	30,265					11
							12
							13
							14
							15
							16
							17
							18
							19
							20
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		278,299					44

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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 - Membership dues
2		
3		
4		
5		
6		
7		
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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES (Continued)

<p>(2) Research Support to Edison Electric Institute (3) Research Support to Nuclear Power Groups (4) Research Support to Others (Classify) (5) Total Cost Incurred</p> <p>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.</p> <p>4. Show in column (e) the account number charged with</p>	<p>expenses during the year or the account to which amounts were capitalized during the year, listing Account 107, <i>Construction Work in Progress</i>, first. Show in column (f) the amounts related to the account charged in column (e).</p> <p>5. Show in column (g) the total amortized accumulation of costs of projects. This total must equal the balance in Account 188, <i>Research, Development, and Demonstration Expenditures, Outstanding at the end of the year</i>.</p> <p>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."</p> <p>7. Report separately research and related testing facilities operated by the respondent.</p>
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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)		
	10,260	930.20	10,260		1
					2
					3
					4
					5
					6
					7
					8
					9
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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
352	1	f	The balance reported for research, development, and demonstration activities is the amount recorded in the general ledger for activities in 2019 that have been determined to qualify. There is an annual study performed after the FERC Form 1 filing that calculates the balance for tax credit purposes.

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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	280,601		
4	Transmission			
5	Regional Market			
6	Distribution	583,676		
7	Customer Accounts	208,098		
8	Customer Service and Informational	304,871		
9	Sales			
10	Administrative and General	880,317		
11	TOTAL Operation <i>(Enter Total of lines 3 thru 10)</i>	2,257,563		
12	Maintenance			
13	Production	40,203		
14	Transmission			
15	Regional Market			
16	Distribution	855,257		
17	Administrative and General			
18	TOTAL Maintenance <i>(Total of lines 13 thru 17)</i>	895,460		
19	Total Operation and Maintenance			
20	Production <i>(Enter Total of lines 3 and 13)</i>	320,804		
21	Transmission <i>(Enter Total of lines 4 and 14)</i>	0		
22	Regional Market <i>(Enter Total of lines 5 and 15)</i>	0		
23	Distribution <i>(Enter Total of lines 6 and 16)</i>	1,438,933		
24	Customer Accounts <i>(Transcribe from line 7)</i>	208,098		
25	Customer Svc and Informational <i>(Transcribe from line 8)</i>	304,871		
26	Sales <i>(Transcribe from line 9)</i>	0		
27	Administrative and General <i>(Enter Total of lines 10 & 17)</i>	880,317		
28	TOTAL Oper. And Maint. <i>(Total of lines 20 thru 27)</i>	3,153,023		3,153,023
29	GAS			
30	Operation			
31	Production-Manufactured Gas			
32	Production-Nat. Gas (Including Expl. And Dev.)			
33	Other Gas Supply	5,087		
34	Storage, LNG Terminaling and Processing			
35	Transmission	886		
36	Distribution	97,390		
37	Customer Accounts	17,876		
38	Customer Service and Informational	25,407		
39	Sales			
40	Administrative and General	114,526		
41	TOTAL Operation <i>(Enter Total of lines 28 thru 37)</i>	261,172		

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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 be 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 (incl Explor & Developmt)			
45	Other Gas Supply			
46	Storage, LNG Terminating and Processing			
47	Transmission	192		
48	Distribution	24,017		
49	Administrative and General			
50	TOTAL Maint. (Enter Total of lines 43 thru 49)	24,209		
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)	5,087		
55	Storage, LNG Terminating and Processing (Total of lines 31 and 46)	0		
56	Transmission (Lines 35 and 47)	1,078		
57	Distribution (Lines 36 and 48)	121,407		
58	Customer Accounts (Line 37)	17,876		
59	Customer Service and Informational (Line 38)	25,407		
60	Sales (Line 39)	0		
61	Administrative and General (Lines 40 and 49)	114,526		
62	TOTAL Operation & Maint. (total of lines 52 thru 61)	285,381		285,381
63	OTHER UTILITY DEPARTMENTS			
64	Operation and Maintenance			
65	TOTAL All Utility Dept. (Total of lines 28, 62 & 64)	3,438,404		3,438,404
66	UTILITY PLANT			
67	Construction (By Utility Departments)			
68	Electric Plant	2,472,883		2,472,883
69	Gas Plant	180,994		180,994
70	Other			
71	TOTAL Construction (Total of lines 68 thru 70)	2,653,877	0	2,653,877
72	Plant Removal (By Utility Departments)			
73	Electric Plant	243,230		243,230
74	Gas Plant	17,802		17,802
75	Other			
76	TOTAL Plant Removal (Total of lines 73 thru 75)	261,032	0	261,032
77	Other Accounts (Specify):			
78	Clearing Account - Elec Engr, Mapng, Proj Mgmt	82,748	(82,748)	0
79	Clearing Account - Forestry	100,000	(100,000)	0
80	Preliminary Service & Investigating (Acct 183)	13,150		13,150
81	WE & WG Labor	(3,879,761)	100,000	(3,779,761)
82	WBS Labor	(1,141,010)		(1,141,010)
83	WPS Labor	(1,521,594)	82,748	(1,438,846)
84	PGL, NSG, MGU, MERC Labor	(9,016)		(9,016)
85	Other	2,170		2,170
86	TOTAL Other Accounts	(6,353,313)	0	(6,353,313)
87	TOTAL SALARIES AND WAGES			

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COMMON UTILITY PLANT AND EXPENSES

<p>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.</p> <p>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,</p>	<p>including explanation of basis of allocation and factors used.</p> <p>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.</p> <p>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.</p>
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COMMON UTILITY PLANT IN SERVICE

	Total	Electric	Gas
Intangible-software	743,655	708,703	34,952
Office furniture & equipment	1,522	1,451	71
Total common plant	745,177	710,154	35,023

ACCUMULATED PROVISION FOR DEPRECIATION

	Total
Balance, beginning of year	43,664
Depreciation accruals charged to:	
Depreciation expense	67,337
Transportation equipment expense	0
Total depreciation provision for year	67,337
Balance, end of year	111,001
Footnote:	
End balance (above)	111,001
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	111,001

ALLOCATION TO UTILITY DEPARTMENTS - ACCUMULATED PROVISION FOR AMORTIZATION

	Accruals for the Year	Balance End of Year
Electric department	64,172	105,784
Gas department	3,165	5,217
TOTAL	67,337	111,001

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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	Burns & McDonnell Michigan, Inc.	Construction Services	Fees	107	\$ 42,011,810
2	400 Renaissance Center, Suite 2600				
3	Detroit, MI				
4					
5	PIC Group, Inc.	Engineering Consulting	Fees	107	\$ 2,947,693
6	1000 Parkwood Circle, Suite 1000				
7	Atlanta, GA				
8					
9	Intercon Construction	Construction Services	Fees	107	\$ 317,380
10	5512 State Road 19 & 113				
11	Waunakee, WI				
12					
13	Pieperline (Pieper Power)	Construction Services	Fees	107	\$ 884,685
14	5477 South Westridge Court				
15	New Berlin, WI				
16					
17	Miller Canfield Paddock & Stone	Legal Consulting	Fees	923	\$ 259,109
18	1 Michigan Avenue, Suite 900				
19	Lansing, MI				
20					
21					
22					
23					
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29					
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31					
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34					
35					\$ 46,420,677

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SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES

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

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 Service LLC	Subsidiary of WEC Energy Group, Inc.	Generation		
2			Operations		
3			Other Benefits & Overheads		
4					
5	Wisconsin Electric Power Company	Subsidiary of WEC Energy Group, Inc.	Generation		
6			Operations		
7			Supply Chain		
8			Other Benefits & Overheads		
9					
10	Wisconsin Gas LLC	Subsidiary of WEC Energy Group, Inc.	Purchase Power		
11			Other Benefits & Overheads		
12					
13	Wisconsin Public Service Corporation	Subsidiary of Integrys Holding, Inc.	Generation		
14			Operations		
15			Supply Chain		
16			Other Benefits & Overheads		
17					
18					
19					
20					
21					
22					
23					
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31					

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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.
				8,204	1	1
				168	1	2
				35,198	4	3
			Total	43,570		4
				12,407	1	5
				215,927	1	6
				27	1	7
				26,893	4	8
			Total	255,254		9
				80,196	4	10
				402	4	11
			Total	80,598		12
				15,622	1	13
				383,965	1	14
				27	1	15
				5,548	4	16
			Total	405,162		17
						18
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						26
						27
						28
						29
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						31

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

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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 Group, Inc.	Generation		
2			Operations		
3			Customer Service		
4			Information Technology		
5			Finance		
6			Supply Chain		
7			HR, Ethics, Compliance		
8			Communications		
9			Chief Executive		
10			Audit		
11			Dues & Memberships		
12			Legal Affairs & Governance		
13			Environmental		
14			External Affairs		
15			Other Benefits & Overheads		
16			Return, Regulatory & Other		
17					
18	WEC Energy Group, Inc.	Holding Company	Intercompany Interest		
19					
20	Wisconsin Electric Power Company	Subsidiary of WEC Energy Group, Inc.	Generation		
21			Operations		
22			Customer Service		
23			Property Transfers		
24			Purchase Power		
25					
26	Wisconsin Public Service Corporation	Subsidiary of Integrys Holding, Inc.	Generation		
27			Operations		
28			Customer Service		
29			Property Transfers		
30			Purchase Power		
31					

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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.
				284,049		1
				146,192		2
				640,206		3
				364,891		4
				227,279		5
				44,437		6
				7,793		7
				120,221		8
				162,958		9
				16,845		10
				55,379		11
				448,228		12
				169,708		13
				426,363		14
				838,414		15
				(80,041)		16
				Total 3,872,922		17
				4,516,365		18
				Total 4,516,365		19
				1,503,118		20
				11,386,891		21
				343,370		22
				39,475		23
				7,935,934		24
				Total 21,208,788		25
				684,714		26
				2,826,669		27
				154,961		28
				561,804		29
				7,250,758		30
				Total 11,478,906		31

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

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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 (<i>line 16 minus line 17</i>)	
2	Generation (Excluding Station Use):		19	Transmission by others losses	
3	Steam		20	TOTAL (<i>Total of lines 9, 10, 14, 18 & 19</i>)	1,726,606
4	Nuclear		21	DISPOSITION OF ENERGY	
5	Hydro-Conventional		22	Sales to Ultimate Consumers (Including Interdepartmental Sales)	1,610,240
6	Hydro-Pumped Storage		23	Requirements Sales for Resale (See instruction 4, page 311.)	
7	Other	644,730	24	Non-Requirements Sales For Resale (See instruction 4, page 311.)	66,546
8	LESS Energy for Pumping		25	Energy furnished without charge	
9	Net Generation (<i>Total of lines 3 thru 8</i>)	644,730	26	Energy used by the company (Electric Dept. only, excluding station use)	382
10	Purchases	1,081,876	27	Total Energy Losses	49,438
11	Power Exchanges:		28	TOTAL (<i>Enter total of lines 22 thru 27</i>) (MUST equal line 20)	1,726,606
12	Received				
13	Delivered				
14	NET Exchanges (<i>line 12 minus 13</i>)				
15	Transmission for other (Wheeling)				
16	Received				
17	Delivered				

MONTHLY PEAKS AND OUTPUT

- | | |
|---|--|
| <p>1. If the respondent has two or more power systems which are not physically integrated, furnish the required information for each non-integrated system.</p> <p>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.</p> <p>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.</p> | <p>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).</p> <p>5. Report in columns (e) and (f) the specified information for each monthly peak load reported in column (d).</p> |
|---|--|

NAME of SYSTEM:

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	61,173		109	30	18
30	February	54,651		104	7	18
31	March	58,903		96	26	20
32	April	172,194	6,754	259	22	20
33	May	178,547	10,620	262	28	9
34	June	169,087	4,374	265	29	18
35	July	181,785	8,298	283	19	14
36	August	174,753	10,845	269	2	14
37	September	151,379	6,838	256	3	21
38	October	170,337	5,534	254	2	10
39	November	172,477	8,149	267	12	20
40	December	181,319	5,134	272	30	10
41	TOTAL	1,726,605	66,546			

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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FOOTNOTE DATE

Page Number (a)	Item Number (b)	Column Number (c)	Comments (d)
401	32	c	UMERC began operations in the MISO Energy Markets on April 1, 2019.

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020		Year of Report December 31, 2019	
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 Mef. 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 PLant4 are based on U.S. of A. accounts. Production expenses do not include Purchased Power, System			
Line No.	Item (a)	Plant Name Kuester 1 (b)		Plant Name Kuester 2 (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)	18.80		18.80			
6	Net Peak Demand on Plant-MW (60 minutes)	19		19			
7	Plant hours connected to load	4874		4675			
8	Net continuous plant capability (megawatts)	19		19			
9	When not limited by condenser water						
10	When limited by condenser water						
11	Average number of employees						
12	Net generation, exclusive of plant use-KWh	69816000		66219000			
13	Cost of plant: Land and Land Rights						
14	Structures and Improvements						
15	Equipment costs						
16	Asset Retirement Costs						
17	Total cost						
18	Cost per KW of Installed capacity (line 5)						
19	Production Expenses: Oper., Supv., & Engr.						
20	Fuel						
21	Coolants and Water (Nuclear Plants only)						
22	Steam expenses						
23	Steam from other sources						
24	Steam transferred (credit)						
25	Electric expenses						
26	Misc. steam (or nuclear) power expenses						
27	Rents						
28	Allowances						
29	Maintenance Supervision and Engineering						
30	Maintenance of structures						
31	Maintenance of boiler (or reactor) plant						
32	Maintenance of electric plant						
33	Maintenance of Misc. steam (or nuclear) plant						
34	Total Production Expenses						
35	Expenses per net KWh						
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			552754			524247.6
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)			1050			1050
40	Avg. cost of fuel per unit, as delvrd. F.o.b. plant during year						
41	Avg. cost of fuel per unit burned			2.750			2.710
42	Avg. cost of fuel burned per million Btu			2.621			2.585
43	Avg. cost of fuel burned per KWh net gen.			0.022			0.022
44	Avg. Btu per KWh net generation			8.300			8.300
Additional Required information							
	Output at system peak			18.91			18.90
	Equivalent Availability Factor (EAF)			94.40			93.59

Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019						
STEAM-ELECTRIC GENERATION PLANT STATISTICS (Large Plants) (Continued)									
Control and Load Dispatching, and Other Expenses classified as other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Acct. Nos. 548 and 549 on line 26 "Electric Expenses," and Maintenance Acct. Nos. 553 and 554 on line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load svc. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit		functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type, fuel used, fuel enrichment by type and quantity for the report period, and other physical and operating characteristics of plant.							
Plant Name Kuester 3 (d)	Plant Name Kuester 4 (e)	Plant Name Kuester 5 (f)	Line No.						
Combustion	Combustion	Combustion	1						
Conventional	Conventional	Conventional	2						
2019	2019	2019	3						
2019	2019	2019	4						
18.80	18.80	18.80	5						
19	19	19	6						
4591	4296	4495	7						
19	19	19	8						
			9						
			10						
			11						
64979000	60981000	65685000	12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
Coal	Oil	Gas	Coal	Oil	Gas	Coal	Oil	Gas	36
Tons	Barrels	Mcf	Tons	Barrels	Mcf	Tons	Barrels	Mcf	37
		514446			482775			520091	38
		1050			1050			1050	39
		2.740			2.750			2.690	40
		2.612			2.617			2.563	41
		0.022			0.022			0.021	42
		8.300			8.300			8.300	43
									44
Additional Required information									
		18.88			18.89			18.53	Output at system peak
		94.21			90.62			92.64	EAF

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) [X] An Original (2) [] A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020		Year of Report December 31, 2019	
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 Mef. 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 PLant4 are based on U.S. of A. accounts. Production expenses do not include Purchased Power, System			
Line No.	Item (a)	Plant Name Kuester 6 (b)			Plant Name Kuester 7 (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)	18.80			18.80		
6	Net Peak Demand on Plant-MW (60 minutes)	19			19		
7	Plant hours connected to load	4543			4476		
8	Net continuous plant capability (megawatts)	19			19		
9	When not limited by condenser water						
10	When limited by condenser water						
11	Average number of employees						
12	Net generation, exclusive of plant use-KWh	66117000			63308000		
13	Cost of plant: Land and Land Rights						
14	Structures and Improvements						
15	Equipment costs						
16	Asset Retirement Costs						
17	Total cost						
18	Cost per KW of Installed capacity (line 5)						
19	Production Expenses: Oper., Supv., & Engr.						
20	Fuel						
21	Coolants and Water (Nuclear Plants only)						
22	Steam expenses						
23	Steam from other sources						
24	Steam transferred (credit)						
25	Electric expenses						
26	Misc. steam (or nuclear) power expenses						
27	Rents						
28	Allowances						
29	Maintenance Supervision and Engineering						
30	Maintenance of structures						
31	Maintenance of boiler (or reactor) plant						
32	Maintenance of electric plant						
33	Maintenance of Misc. steam (or nuclear) plant						
34	Total Production Expenses						
35	Expenses per net KWh						
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			523577			501349.8
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)			1050			1050
40	Avg. cost of fuel per unit, as delvrd. F.o.b. plant during year						
41	Avg. cost of fuel per unit burned			2.750			2.750
42	Avg. cost of fuel burned per million Btu			2.617			2.623
43	Avg. cost of fuel burned per KWh net gen.			0.022			0.022
44	Avg. Btu per KWh net generation			8.300			8.300
Additional Required information							
	Output at system peak				18.94		
	Equivalent Availability Factor (EAF)				94.00		
					18.88		
					95.94		

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STEAM-ELECTRIC GENERATION PLANT STATISTICS (Large Plants) (Continued)									
Control and Load Dispatching, and Other Expenses classified as other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Acct. Nos. 548 and 549 on line 26 "Electric Expenses," and Maintenance Acct. Nos. 553 and 554 on line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load svc. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit		functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type, fuel used, fuel enrichment by type and quantity for the report period, and other physical and operating characteristics of plant.							
Plant Name	Kuester Total (d)	Plant Name	Mihm 1 (e)	Plant Name	Mihm 2 (f)	Line No.			
	Combustion		Combustion		Combustion	1			
	Conventional		Conventional		Conventional	2			
	2019		2019		2019	3			
	2019		2019		2019	4			
	131.60		18.80		18.80	5			
	132		19		19	6			
	5647		4434		4302	7			
	131		19		19	8			
	0					9			
	0					10			
	11					11			
	457105000		62468000		61659000	12			
	527100					13			
	59171874					14			
	99630905					15			
	0					16			
	159329879					17			
	1210.7134					18			
	61979					19			
	9907183					20			
	0					21			
	0					22			
	0					23			
	0					24			
	439065					25			
	507397					26			
	0					27			
	0					28			
	14319					29			
	0					30			
	0					31			
	1081016					32			
	0					33			
	12010959					34			
	0.0262					35			
Coal	Oil	Gas	Coal	Oil	Gas	Coal	Oil	Gas	36
Tons	Barrels	Mcf	Tons	Barrels	Mcf	Tons	Barrels	Mcf	37
		3619240			493439			487061	38
		1050			1050			1050	39
		2.740			2.710			2.760	40
		2.605			2.581			2.629	41
		0.022			0.021			0.022	42
		8.300			8.276			8.276	43
									44
Additional Required information									
		18.85			18.95			18.87	Output at system peak
		93.63			91.29			95.51	EAF

Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/29/2020		Year of Report December 31, 2019	
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 Mef. 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 PLant4 are based on U.S. of A. accounts. Production expenses do not include Purchased Power, System			
Line No.	Item (a)	Plant Name Mihm 3 (b)			Plant Name Mihm Total (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)	18.80			56.40		
6	Net Peak Demand on Plant-MW (60 minutes)	19			57		
7	Plant hours connected to load	4500			5239		
8	Net continuous plant capability (megawatts)	19			56		
9	When not limited by condenser water				0		
10	When limited by condenser water				0		
11	Average number of employees				5		
12	Net generation, exclusive of plant use-KWh	63500000			187627000		
13	Cost of plant: Land and Land Rights				1594838		
14	Structures and Improvements				43060612		
15	Equipment costs				54316649		
16	Asset Retirement Costs				0		
17	Total cost				98972099		
18	Cost per KW of Installed capacity (line 5)				1754.8245		
19	Production Expenses: Oper., Supv., & Engr.				55823		
20	Fuel				4064206		
21	Coolants and Water (Nuclear Plants only)				0		
22	Steam expenses				0		
23	Steam from other sources				0		
24	Steam transferred (credit)				0		
25	Electric expenses				187292		
26	Misc. steam (or nuclear) power expenses				277384		
27	Rents				0		
28	Allowances				0		
29	Maintenance Supervision and Engineering				0		
30	Maintenance of structures				0		
31	Maintenance of boiler (or reactor) plant				0		
32	Maintenance of electric plant				771321		
33	Maintenance of Misc. steam (or nuclear) plant				0		
34	Total Production Expenses				5356026		
35	Expenses per net KWh				0.0285		
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			501621			1482121
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)			1050			1050
40	Avg. cost of fuel per unit, as delvrd. F.o.b. plant during year						
41	Avg. cost of fuel per unit burned			2.750			2.740
42	Avg. cost of fuel burned per million Btu			2.619			2.610
43	Avg. cost of fuel burned per KWh net gen.			0.217			0.022
44	Avg. Btu per KWh net generation			8.276			8.276
Additional Required information							
	Output at system peak				18.87		
	Equivalent Availability Factor (EAF)				95.87		
					18.90		
					94.22		

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

CHANGES MADE OR SCHEDULED TO BE MADE IN GENERATING PLANT CAPACITIES

Give below the information called for concerning changes in electric generating plant capacities during the year.

A. Generating Plants or Units Dismantled, Remove from Service, Sold, or Leased to Others During Year

1. State in column (b) whether dismantled, removed from service, sold, or leased to another. Plants removed from service include those not maintained for regular or emergency service. 2. In column (f), give date dismantled, removed from service, sold, or leased to another. Designate complete plants as such.

Line No.	Name of Plant (a)	Disposition (b)	Installed Capacity (in megawatts)			Date (f)	If Sold or Leased, Give Name and Address of Purchaser or Lessee (g)
			Hydro (c)	Steam (d)	(Other) (e)		
1	None						
2							
3							
4							
5							
6							
7							

B. Generating Units Scheduled for or Undergoing Major Modifications

Line No.	Name of Plant (a)	Character of Modification (b)	Installed Plant Capacity After Modification (in MW) (c)	Estimated Dates of Construction	
				Start (d)	Completion (e)
8	None				
9					
10					
11					
12					
13					
14					

C. New Generating Plants Scheduled for or Under Construction

Line No.	Plant Name & Location (a)	TYPE (Hydro, pumped storage, steam, internal comb., gas-turbine, nuclear, etc. (b)	Installed Capacity (in megawatts)		Estimated Dates of Construction	
			Initial (c)	Ultimate (d)	Start (e)	Completion (f)
15	F.D. Kuester Generating Station	Internal Combustion	132	132	Late 2017	Spring 2019
16	A.J. Mihm Generation Station	Internal Combustion	56	56	Late 2017	Spring 2019
17						
18						
19						
20						
21						

D. New Units in Existing Plants Scheduled for or Under Construction

Line No.	Plant Name & Location (a)	TYPE (Hydro, pumped storage, steam, internal comb., gas-turbine, nuclear, etc. (b)	Unit (c)	Size of Unit (in megawatts) (d)	Estimated Dates of Construction	
					Start (e)	Completion (f)
22	None					
23						
24						
25						
26						
27						
28						

Name of Respondent	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
Upper Michigan Energy Resources Corporation			

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS

- | | |
|--|--|
| <p>1. Include on this page internal-combustion engine and gas-turbine plants of 10,000 kilowatts and more.</p> <p>2. Report the information called for concerning plants and equipment at end of year. Show associated prime movers and generators on the same line.</p> <p>3. Exclude from this page, plant, the book cost of which is included in Account 121, <i>Nonutility Property</i>.</p> | <p>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</p> |
|--|--|

Line No.	Name of Plant (a)	Location of Plant (b)	Prime Movers			
			<i>In Column (e), indicate basic cycle for gas-turbine as open or closed; indicate basic cycle for internal-combustion as 2 or 4.</i>			
			Internal-Combustion or Gas-Turbine (c)	Year Installed (d)	Cycle (e)	Belted or Direct Connected (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						
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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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 (Name Plate Ratings in Mw) (n)	Line No.	
	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)
	25,828	2019	13.8	3	60	18.8	7	131.7	1
	25,828	2019	13.8	3	60	18.8	3	56.5	2
									3
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Name of Respondent Upper Michigan Energy Resources Corporation		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019	
SUBSTATIONS					
<p>1. Report below the information called for concerning substations of the respondent as of the end of the year.</p> <p>2. Substations which serve only one industrial or street railway customer should not be listed below.</p> <p>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.</p>			<p>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).</p> <p>5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.</p>		
Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In Mva)		
			Primary (c)	Secondary (d)	Tertiary (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)	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	69.00	24.90	
11	Harris, Harris, MI	Distribution U	69.00	24.90	
12	Ingalls (Mellen)	Distribution U	138.00	24.90	
13	Kuester, Negauness, MI	Distribution GT	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	Menominee, Menominee, MI	Distribution U	69.00	12.47	
17	Mihm, Pelkie, MI	Distribution GT	13.80	138.00	
18	Powers**, Spalding, MI	Distribution U	69.00	24.90	
19	Sagola, Sagola, MI	Distribution U	69.00	24.90	
20	Second St (Menominee)	Distribution U	69.00	24.90	
21	Strawberry Hill, Iron River, MI	Distribution U	69.00	24.90	
22	Thirteenth Ave (Menominee)	Distribution U	69.00	12.47	
23	Watersmeet**, Watersmeet, MI	Distribution U	69.00	24.90	
24					
25					
26		U=Unattended			
27	MVA Distrib (Listed-6 subs)>10 MVA subtotal		1,570.50	704.78	
28	MVA Distrib Subs (Not Listed-1 Subs)<10 MVA				
29	TOTAL MVA Distribution Substations 129 MVA		1,570.50	704.78	
30	Total # Distrib Substations: 7				
31					
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Name of Respondent Upper Michigan Energy Resources Corporation	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/29/2020	Year of Report December 31, 2019
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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
7	1					10
11	1					11
21	2					12
190	2					13
11	1					14
2	3					15
7	1					16
95	1					17
11	1					18
25	1					19
22	1					20
4	1					21
11	2					22
7	1					23
						24
						25
						26
544	28					27
7						28
551	28					29
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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 (a)	Number of Watt-Hours Meters (b)	LINE TRANSFORMERS	
			Number (c)	Total Capacity (In Mva) (d)
1	Number at Beginning of Year	10,630	21,409	5,629
2	Additions During Year		241	7
3	Purchases			
4	Associated with Utility Plant Acquired			
5	TOTAL Additions (Enter Total of lines 3 and 4)	0	0	0
6	Reduction During Year			
7	Retirements	337	359	12
8	Associated with Utility Plant Sold		2	0
9	TOTAL Reductions (Enter Total of lines 7 and 8)	337	361	12
10	Number at End of Year (Lines 1+ 5 - 9) *	10,293	21,048	5,617
11	In Stock	614	121	11
12	Locked Meters on Customers' Premises			
13	Inactive Transformers on System		1	0
14	In Customers' Use	9,305	4,308	145
15	In Company's Use	374	16,618	5,461
16	Total End of Year (Enter Total of lines 11 to 15. This line should equal line 10)	10,293	21,048	5,617

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

Name of Respondent	This Report Is:	Date of Report	Year of Report
Upper Michigan Energy Resources Corporation	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/29/2020	December 31, 2019

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	14,330,877			14,330,877	
2	Water Pollution Control Facilities	12,197,507			12,197,507	
3	Solid Waste Disposal Costs				0	
4	Noise Abatement Equipment	1,012,452			1,012,452	
5	Esthetic Costs				0	
6	Additional Plant Capacity				0	
7	Miscellaneous (<i>Identify significant</i>)				0	
8	TOTAL (Total of lines 1 thru 7)	27,540,836	0	0	27,540,836	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		688,521
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 (<i>Identify significant</i>)		
11	TOTAL	0	688,521

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