



3013 (02-05-09)

**ANNUAL REPORT**

OF

Name: MANITOWOC PUBLIC UTILITIES

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Principal Office: 1303 S. 8TH STREET  
P.O. BOX 1090  
MANITOWOC, WI 54221-1090

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For the Year Ended: DECEMBER 31, 2009

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**WATER, ELECTRIC, OR JOINT UTILITY  
TO  
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854  
Madison, WI 53707-7854  
(608) 266-3766

*This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.*

## GENERAL RULES FOR REPORTING

1. Prepare the report in conformity with the Uniform System of Accounts prescribed by the Public Service Commission of Wisconsin.
2. Numeric items shall contain digits (0-9). A minus sign "-" shall be entered in the software program to indicate negative values. Parentheses shall not be used for numeric items. The program will convert the minus sign to parentheses for hard copy annual report purposes. Negative values may not be allowed for certain entries in the annual report due to restrictions contained in the software program.
3. The annual report should be complete in itself in all particulars. Reference to reports of former years should not be made to take the place of required entries except as otherwise specifically authorized.
4. Whenever schedules call for data from the previous year, the data reported must be based upon those shown by the annual report of the previous year or an appropriate explanation given why different data is being reported for the current year. Where available, use an adjustment column.
5. All dollar amounts will be reported in whole dollars.
6. Wherever information is required to be shown as text, the information shall be shown in the space provided using other than account titles. In each case, the information shall be properly identified. Footnote capability is included in the annual report software program and shall be utilized where necessary to further explain particulars of a schedule.

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### SIGNATURE PAGE

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I NILAKSH KOTHARI of  
(Person responsible for accounts)

MANITOWOC PUBLIC UTILITIES, certify that I  
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

\_\_\_\_\_  
(Signature of person responsible for accounts)      03/31/2010  
(Date)

GENERAL MANAGER  
(Title)

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### IDENTIFICATION AND OWNERSHIP

**Exact Utility Name:** MANITOWOC PUBLIC UTILITIES

**Utility Address:** 1303 S. 8TH STREET

P.O. BOX 1090

MANITOWOC, WI 54221-1090

**When was utility organized?** 10/2/1911

**Report any change in name:**

**Effective Date:**

**Utility Web Site:** www.mpu.org

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**Utility employee in charge of correspondence concerning this report:**

**Name:** MR TIM HART

**Title:** BUSINESS SERVICES MANAGER

**Office Address:**

1303 S. 8TH ST.

P.O. BOX 1090

MANITOWOC, WI 54220

**Telephone:** (920) 686 - 4324

**Fax Number:** (920) 686 - 4348

**Email Address:** thart@mpu.org

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**President, chairman, or head of utility commission/board or committee:**

**Name:** MR MARK R SEIDL

**Title:** PRESIDENT

**Office Address:**

546 WEST LAWN BLVD

MANITOWOC, WI 54220

**Telephone:** (920) 684 - 1851

**Fax Number:**

**Email Address:**

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**Are records of utility audited by individuals or firms, other than utility employee?**

YES

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**Individual or firm, if other than utility employee, auditing utility records:**

**Name:** MR TOM KARMAN

**Title:** VICE PRESIDENT

**Office Address:** SCHENCK SC

2200 RIVERSIDE DR

P.O. BOX 23819

GREEN BAY, WI 54305

**Telephone:** (920) 455 - 4111

**Fax Number:** (920) 436 - 7808

**Email Address:** tom.karman@schencksolutions.com

**Date of most recent audit report:** 3/15/2010

**Period covered by most recent audit:** 01/01/2009 TO 12/31/2009

### IDENTIFICATION AND OWNERSHIP

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**Names and titles of utility management including manager or superintendent:**

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**Name:** MR NILAKSH KOTHARI

**Title:** GENERAL MANAGER

**Office Address:**

1303 S. 8TH ST.  
P.O. BOX 1090  
MANITOWOC, WI 54221-1090

**Telephone:** (920) 686 - 4351

**Fax Number:** (920) 686 - 4348

**Email Address:** nkothari@mpu.org

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**Name of utility commission/committee:** MANITOWOC PUBLIC UTILITIES COMMISSION

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**Names of members of utility commission/committee:**

- MR DAVID DIEDRICH, VICE PRESIDENT
  - MR DEAN GRAUNKE, ALDERPERSON
  - MR DAN HORNUNG
  - MR DAVE LUCKOW
  - MR JAMES G. MORROW, SECRETARY
  - MR JUSTIN NICKELS, MAYOR
  - MR MARK R. SEIDL, PRESIDENT
- 

**Is sewer service rendered by the utility?** NO

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.0819 of the Wisconsin Statutes? NO

**Date of Ordinance:** [REDACTED]

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

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**Provide the following information regarding the provider(s) of contract services:**

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**Firm Name:** NONE

**Contact Person:**

**Title:**

**Telephone:**

**Fax Number:**

**Email Address:**

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**Contract/Agreement beginning-ending dates:**

**Provide a brief description of the nature of Contract Operations being provided:**

## INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
<b>UTILITY OPERATING INCOME</b>			
Operating Revenues (400)	60,959,597	69,385,112	1
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401-402)	42,339,548	46,070,481	2
Depreciation Expense (403)	6,290,085	6,303,829	3
Amortization Expense (404-407)	115,000	0	4
Taxes (408)	3,916,453	3,846,977	5
<b>Total Operating Expenses</b>	<b>52,661,086</b>	<b>56,221,287</b>	
<b>Net Operating Income</b>	<b>8,298,511</b>	<b>13,163,825</b>	
Income from Utility Plant Leased to Others (412-413)	0	0	6
<b>Utility Operating Income</b>	<b>8,298,511</b>	<b>13,163,825</b>	
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	34,784	49,530	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	(672)	(672)	9
Interest and Dividend Income (419)	797,429	1,339,077	10
Miscellaneous Nonoperating Income (421)	522,884	634,794	11
<b>Total Other Income</b>	<b>1,354,425</b>	<b>2,022,729</b>	
<b>Total Income</b>	<b>9,652,936</b>	<b>15,186,554</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	(85,078)	(85,078)	12
Other Income Deductions (426)	1,046,611	1,032,892	13
<b>Total Miscellaneous Income Deductions</b>	<b>961,533</b>	<b>947,814</b>	
<b>Income Before Interest Charges</b>	<b>8,691,403</b>	<b>14,238,740</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	4,026,999	4,159,411	14
Amortization of Debt Discount and Expense (428)	45,723	49,879	15
Amortization of Premium on Debt--Cr. (429)	139,532	131,693	16
Interest on Debt to Municipality (430)	96,469	96,764	17
Other Interest Expense (431)	1,505	18,365	18
Interest Charged to Construction--Cr. (432)	0	0	19
<b>Total Interest Charges</b>	<b>4,031,164</b>	<b>4,192,726</b>	
<b>Net Income</b>	<b>4,660,239</b>	<b>10,046,014</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	134,606,299	124,560,285	20
Balance Transferred from Income (433)	4,660,239	10,046,014	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
<b>Total Unappropriated Earned Surplus End of Year (216)</b>	<b>139,266,538</b>	<b>134,606,299</b>	

## DETAILS OF INCOME STATEMENT ACCOUNTS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>UTILITY OPERATING INCOME</b>				
<b>Operating Revenues (400):</b>				
Derived	60,959,597	0	60,959,597	1
<b>Total (Acct. 400):</b>	<b>60,959,597</b>	<b>0</b>	<b>60,959,597</b>	
<b>Operation and Maintenance Expense (401-402):</b>				
Derived	42,339,548	0	42,339,548	2
<b>Total (Acct. 401-402):</b>	<b>42,339,548</b>	<b>0</b>	<b>42,339,548</b>	
<b>Depreciation Expense (403):</b>				
Derived	6,290,085	0	6,290,085	3
<b>Total (Acct. 403):</b>	<b>6,290,085</b>	<b>0</b>	<b>6,290,085</b>	
<b>Amortization Expense (404-407):</b>				
Derived	115,000	0	115,000	4
<b>Total (Acct. 404-407):</b>	<b>115,000</b>	<b>0</b>	<b>115,000</b>	
<b>Taxes (408):</b>				
Derived	3,916,453	0	3,916,453	5
<b>Total (Acct. 408):</b>	<b>3,916,453</b>	<b>0</b>	<b>3,916,453</b>	
<b>Revenues from Utility Plant Leased to Others (412):</b>				
NONE			0	6
<b>Total (Acct. 412):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Expenses of Utility Plant Leased to Others (413):</b>				
NONE			0	7
<b>Total (Acct. 413):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL UTILITY OPERATING INCOME:</b>	<b>8,298,511</b>	<b>0</b>	<b>8,298,511</b>	
<b>OTHER INCOME</b>				
<b>Income from Merchandising, Jobbing and Contract Work (415-416):</b>				
Derived	34,784	0	34,784	8
<b>Total (Acct. 415-416):</b>	<b>34,784</b>	<b>0</b>	<b>34,784</b>	
<b>Income from Nonutility Operations (417):</b>				
NONE			0	9
<b>Total (Acct. 417):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Nonoperating Rental Income (418):</b>				
CAR FERRY DOCK PROPERTY DEPRECIATION EXPENSE	(672)		(672)	10
<b>Total (Acct. 418):</b>	<b>(672)</b>	<b>0</b>	<b>(672)</b>	
<b>Interest and Dividend Income (419):</b>				
WATER FUND	20,229	0	20,229	11
ELECTRIC FUND	777,200		777,200	12
<b>Total (Acct. 419):</b>	<b>797,429</b>	<b>0</b>	<b>797,429</b>	
<b>Miscellaneous Nonoperating Income (421):</b>				
Contributed Plant - Water		351,819	351,819	13
Contributed Plant - Electric		171,065	171,065	14

## DETAILS OF INCOME STATEMENT ACCOUNTS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>OTHER INCOME</b>				
<b>Miscellaneous Nonoperating Income (421):</b>				
NONE			0	15
<b>Total (Acct. 421):</b>	<b>0</b>	<b>522,884</b>	<b>522,884</b>	
<b>TOTAL OTHER INCOME:</b>	<b>831,541</b>	<b>522,884</b>	<b>1,354,425</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				
<b>Miscellaneous Amortization (425):</b>				
Regulatory Liability (253) Amortization	(85,078)	0	(85,078)	16
NONE			0	17
<b>Total (Acct. 425):</b>	<b>(85,078)</b>	<b>0</b>	<b>(85,078)</b>	
<b>Other Income Deductions (426):</b>				
Depreciation Expense on Contributed Plant - Water	0	880,220	880,220	18
Depreciation Expense on Contributed Plant - Electric	0	166,391	166,391	19
NONE			0	20
<b>Total (Acct. 426):</b>	<b>0</b>	<b>1,046,611</b>	<b>1,046,611</b>	
<b>TOTAL MISCELLANEOUS INCOME DEDUCTIONS:</b>	<b>(85,078)</b>	<b>1,046,611</b>	<b>961,533</b>	
<b>INTEREST CHARGES</b>				
<b>Interest on Long-Term Debt (427):</b>				
Derived	4,026,999	0	4,026,999	21
<b>Total (Acct. 427):</b>	<b>4,026,999</b>	<b>0</b>	<b>4,026,999</b>	
<b>Amortization of Debt Discount and Expense (428):</b>				
WATER FUND	13,213	0	13,213	22
ELECTRIC FUND	32,510	0	32,510	23
<b>Total (Acct. 428):</b>	<b>45,723</b>	<b>0</b>	<b>45,723</b>	
<b>Amortization of Premium on Debt--Cr. (429):</b>				
ELECTRIC FUND	139,532	0	139,532	24
<b>Total (Acct. 429):</b>	<b>139,532</b>	<b>0</b>	<b>139,532</b>	
<b>Interest on Debt to Municipality (430):</b>				
Derived	96,469	0	96,469	25
<b>Total (Acct. 430):</b>	<b>96,469</b>	<b>0</b>	<b>96,469</b>	
<b>Other Interest Expense (431):</b>				
Derived	1,505	0	1,505	26
<b>Total (Acct. 431):</b>	<b>1,505</b>	<b>0</b>	<b>1,505</b>	
<b>Interest Charged to Construction--Cr. (432):</b>				
NONE			0	27
<b>Total (Acct. 432):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL INTEREST CHARGES:</b>	<b>4,031,164</b>	<b>0</b>	<b>4,031,164</b>	
<b>NET INCOME:</b>	<b>5,183,966</b>	<b>(523,727)</b>	<b>4,660,239</b>	

## DETAILS OF INCOME STATEMENT ACCOUNTS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.  
 2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>EARNED SURPLUS</b>				
<b>Unappropriated Earned Surplus (Beginning of Year) (216):</b>				
Derived	99,528,167	35,078,132	<b>134,606,299</b>	<b>28</b>
<b>Total (Acct. 216):</b>	<b>99,528,167</b>	<b>35,078,132</b>	<b>134,606,299</b>	
<b>Balance Transferred from Income (433):</b>				
Derived	5,183,966	(523,727)	<b>4,660,239</b>	<b>29</b>
<b>Total (Acct. 433):</b>	<b>5,183,966</b>	<b>(523,727)</b>	<b>4,660,239</b>	
<b>Miscellaneous Credits to Surplus (434):</b>				
NONE			<b>0</b>	<b>30</b>
<b>Total (Acct. 434):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Miscellaneous Debits to Surplus--Debit (435):</b>				
NONE			<b>0</b>	<b>31</b>
<b>Total (Acct. 435)--Debit:</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Appropriations of Surplus--Debit (436):</b>				
Detail appropriations to (from) account 215			<b>0</b>	<b>32</b>
<b>Total (Acct. 436)--Debit:</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Appropriations of Income to Municipal Funds--Debit (439):</b>				
NONE			<b>0</b>	<b>33</b>
<b>Total (Acct. 439)--Debit:</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>UNAPPROPRIATED EARNED SURPLUS (END OF YEAR):</b>	<b>104,712,133</b>	<b>34,554,405</b>	<b>139,266,538</b>	

**INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)**

<b>Particulars (a)</b>	<b>Water (b)</b>	<b>Electric (c)</b>	<b>Sewer (d)</b>	<b>Gas (e)</b>	<b>Total (f)</b>	
Revenues (account 415)	28,361	549,094			<b>577,455</b>	<b>1</b>
<b>Costs and Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold					<b>0</b>	<b>2</b>
Payroll	5,257	485,326			<b>490,583</b>	<b>3</b>
Materials	9,216	42,872			<b>52,088</b>	<b>4</b>
Taxes					<b>0</b>	<b>5</b>
<b>Other (list by major classes):</b>						
NONE					<b>0</b>	<b>6</b>
<b>Total costs and expenses</b>	<b>14,473</b>	<b>528,198</b>	<b>0</b>	<b>0</b>	<b>542,671</b>	
<b>Net income (or loss)</b>	<b>13,888</b>	<b>20,896</b>	<b>0</b>	<b>0</b>	<b>34,784</b>	

## REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	6,609,237	54,350,360	0	0	<b>60,959,597</b>	<b>1</b>
Less: interdepartmental sales	75,885	693,873	0	0	<b>769,758</b>	<b>2</b>
Less: interdepartmental rents	0	0		0	<b>0</b>	<b>3</b>
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				<b>0</b>	<b>4</b>
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained	6,590	223,195			<b>229,785</b>	<b>5</b>
<b>Other Increases or (Decreases)</b>						
<b>to Operating Revenues - Specify:</b>						
NONE					<b>0</b>	<b>6</b>
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>6,526,762</b>	<b>53,433,292</b>	<b>0</b>	<b>0</b>	<b>59,960,054</b>	

## DISTRIBUTION OF TOTAL PAYROLL

1. Amounts charged to Utility Financed and to Contributed Plant accounts should be combined and reported in plant or accumulated depreciation accounts.
2. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
3. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
4. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	1,020,884	184,870	1,205,754	1
Electric operating expenses	3,687,480	667,760	4,355,240	2
Gas operating expenses	0	0	0	3
Heating operating expenses	0	0	0	4
Sewer operating expenses	0	0	0	5
Merchandising and jobbing	385,183	69,752	454,935	6
Other nonutility expenses	132,494	23,993	156,487	7
Water utility plant accounts	8,582	1,554	10,136	8
Electric utility plant accounts	81,075	14,682	95,757	9
Gas utility plant accounts	0	0	0	10
Heating utility plant accounts	0	0	0	11
Sewer utility plant accounts	0	0	0	12
Accum. prov. for depreciation of water plant	2,121	384	2,505	13
Accum. prov. for depreciation of electric plant	13,211	2,392	15,603	14
Accum. prov. for depreciation of gas plant	0	0	0	15
Accum. prov. for depreciation of heating plant	0	0	0	16
Accum. prov. for depreciation of sewer plant	0	0	0	17
Clearing accounts	994,812	(994,812)	0	18
All other accounts	154,737	29,425	184,162	19
<b>Total Payroll</b>	<b>6,480,579</b>	<b>0</b>	<b>6,480,579</b>	

### FULL-TIME EMPLOYEES (FTE)

Use FTE numbers where FTE stands for full-time employees or full-time equivalency. FTE can be computed by using total hours worked/2080 hours for a fiscal year. Estimate to the nearest tenth. If an employee works part time for more than one industry then determine FTE based on estimate of hours worked per industry.

Example: An employee worked 35% of their time on electric jobs, 30% on water jobs, 20% on sewer jobs and 15% on municipal nonutility jobs. The FTE by industry would be .4 for electric, .3 for water and .2 for sewer.

Industry (a)	FTE (b)	
Water	13.0	1
Electric	80.0	2
Gas		3
Sewer		4

**BALANCE SHEET**

<b>Assets and Other Debits (a)</b>	<b>Balance End of Year (b)</b>	<b>Balance First of Year (c)</b>	
<b>UTILITY PLANT</b>			
Utility Plant (101)	246,091,933	247,286,931	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (111)	73,002,889	68,494,755	2
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
<b>Total Net Utility Plant</b>	<b>173,089,044</b>	<b>178,792,176</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	404,024	404,024	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	14,412	13,740	6
<b>Net Nonutility Property</b>	<b>389,612</b>	<b>390,284</b>	
Investment in Municipality (123)	0	0	7
Other Investments (124)	4,923,458	4,278,697	8
Sinking Funds (125)	5,338,945	7,152,057	9
Depreciation Fund (126)	0	0	10
Other Special Funds (128)	1,793,537	1,053,677	11
<b>Total Other Property and Investments</b>	<b>12,445,552</b>	<b>12,874,715</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash (131)	3,643,754	783,772	12
Special Deposits (134)	0	0	13
Working Funds (135)	650	650	14
Temporary Cash Investments (136)	32,507,927	26,409,622	15
Notes Receivable (141)	250,000	0	16
Customer Accounts Receivable (142)	3,519,428	3,815,890	17
Other Accounts Receivable (143)	2,255,187	2,585,784	18
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	29,100	29,100	19
Receivables from Municipality (145)	0	0	20
Plant Materials and Operating Supplies (154)	5,100,878	5,811,497	21
Merchandise (155)	0	0	22
Other Materials and Supplies (156)	0	0	23
Stores Expense (163)	0	0	24
Prepayments (165)	525,060	197,513	25
Interest and Dividends Receivable (171)	148,893	133,525	26
Accrued Utility Revenues (173)			27
Miscellaneous Current and Accrued Assets (174)			28
<b>Total Current and Accrued Assets</b>	<b>47,922,677</b>	<b>39,709,153</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	166,033	211,756	29
Extraordinary Property Losses (182)	460,000	0	30
Preliminary Survey and Investigation Charges (183)	16,736	0	31
Clearing Accounts (184)	0	0	32
Temporary Facilities (185)	0	0	33
Miscellaneous Deferred Debits (186)	1,640,559	1,364,805	34
<b>Total Deferred Debits</b>	<b>2,283,328</b>	<b>1,576,561</b>	
<b>Total Assets and Other Debits</b>	<b>235,740,601</b>	<b>232,952,605</b>	

**BALANCE SHEET**

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>PROPRIETARY CAPITAL</b>			
Capital Paid in by Municipality (200)	0	0	35
Appropriated Earned Surplus (215)			36
Unappropriated Earned Surplus (216)	139,266,538	134,606,299	37
<b>Total Proprietary Capital</b>	<b>139,266,538</b>	<b>134,606,299</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221)	77,985,000	81,055,000	38
Advances from Municipality (223)	1,774,639	1,820,177	39
Other Long-Term Debt (224)	0	0	40
<b>Total Long-Term Debt</b>	<b>79,759,639</b>	<b>82,875,177</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0	0	41
Accounts Payable (232)	2,808,992	3,227,844	42
Payables to Municipality (233)	301,457	288,213	43
Customer Deposits (235)	445,991	411,989	44
Taxes Accrued (236)	3,241,152	3,197,244	45
Interest Accrued (237)	811,282	1,050,818	46
Tax Collections Payable (241)	48,175	66,572	47
Miscellaneous Current and Accrued Liabilities (242)	329,689	401,966	48
<b>Total Current and Accrued Liabilities</b>	<b>7,986,738</b>	<b>8,644,646</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	4,200,074	3,391,087	49
Customer Advances for Construction (252)			50
Other Deferred Credits (253)	1,273,997	1,327,668	51
<b>Total Deferred Credits</b>	<b>5,474,071</b>	<b>4,718,755</b>	
<b>OPERATING RESERVES</b>			
Property Insurance Reserve (261)			52
Injuries and Damages Reserve (262)			53
Pensions and Benefits Reserve (263)	3,253,615	2,107,728	54
Miscellaneous Operating Reserves (265)			55
<b>Total Operating Reserves</b>	<b>3,253,615</b>	<b>2,107,728</b>	
<b>Total Liabilities and Other Credits</b>	<b>235,740,601</b>	<b>232,952,605</b>	

## NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
<b>First of Year:</b>					
Total Utility Plant - First of Year	65,816,875	0	0	181,470,056	1
	<i>(Should agree with Util. Plant Jan. 1 in Property Tax Equivalent Schedule)</i>				
<b>Plant Accounts:</b>					
Utility Plant in Service - Financed by Utility Operations or by the Municipality (101.1)	32,184,603	0	0	173,958,874	2
Utility Plant in Service - Contributed Plant (101.2)	34,597,011	0	0	4,910,912	3
Utility Plant Purchased or Sold (102)					4
Utility Plant Leased to Others (104)					5
Property Held for Future Use (105)				262,844	6
Completed Construction not Classified (106)					7
Construction Work in Progress (107)	48,562			129,127	8
<b>Total Utility Plant</b>	<b>66,830,176</b>	<b>0</b>	<b>0</b>	<b>179,261,757</b>	
<b>Accumulated Provision for Depreciation and Amortization:</b>					
Accumulated Provision for Depreciation of Utility Plant in Service - Financed by Utility Operations or by the Municipality (111.1)	9,242,664	0	0	58,764,342	9
Accumulated Provision for Depreciation of Utility Plant in Service - Contributed Plant (111.2)	3,206,925	0	0	1,788,958	10
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					11
Accumulated Provision for Depreciation of Property Held for Future Use (113)					12
Accumulated Provision for Amortization of Utility Plant in Service (114)					13
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					14
Accumulated Provision for Amortization of Property Held for Future Use (116)					15
<b>Total Accumulated Provision</b>	<b>12,449,589</b>	<b>0</b>	<b>0</b>	<b>60,553,300</b>	
<b>Other Utility Plant Accounts:</b>					
Utility Plant Acquisition Adjustments (117)					16
Accumulated Provision for Amortization of Utility Plant Acquisition Adjustments (118)					17
Other Utility Plant Adjustments (119)					18
<b>Total Other Utility Plant Accounts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net Utility Plant</b>	<b>54,380,587</b>	<b>0</b>	<b>0</b>	<b>118,708,457</b>	

## ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT ON UTILITY PLANT FINANCED BY UTILITY OPERATION OR BY THE MUNICIPALITY (ACCT. 111.1)

Depreciation Accruals (Credits) during the year (111.1):

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.  
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	Electric (c)	(d)	(e)	Total (f)	
<b>Balance first of year (111.1)</b>	8,618,049	55,927,433			<b>64,545,482</b>	<b>1</b>
<b>Credits During Year</b>						<b>2</b>
<b>Accruals:</b>						<b>3</b>
Charged depreciation expense (403)	722,842	5,567,243			<b>6,290,085</b>	<b>4</b>
Depreciation expense on meters						<b>5</b>
charged to sewer (see Note 3)	36,141				<b>36,141</b>	<b>6</b>
Accruals charged other						<b>7</b>
accounts (specify):						<b>8</b>
Clearing Accounts	30,914	700,464			<b>731,378</b>	<b>9</b>
Salvage	4,424	110,194			<b>114,618</b>	<b>10</b>
Other credits (specify):						<b>11</b>
					<b>0</b>	<b>12</b>
					<b>0</b>	<b>13</b>
					<b>0</b>	<b>14</b>
					<b>0</b>	<b>15</b>
<b>Total credits</b>	<b>794,321</b>	<b>6,377,901</b>	<b>0</b>	<b>0</b>	<b>7,172,222</b>	<b>16</b>
<b>Debits during year</b>						<b>17</b>
Book cost of plant retired	164,073	3,452,481			<b>3,616,554</b>	<b>18</b>
Cost of removal	5,633	88,511			<b>94,144</b>	<b>19</b>
Other debits (specify):						<b>20</b>
					<b>0</b>	<b>21</b>
					<b>0</b>	<b>22</b>
					<b>0</b>	<b>23</b>
					<b>0</b>	<b>24</b>
<b>Total debits</b>	<b>169,706</b>	<b>3,540,992</b>	<b>0</b>	<b>0</b>	<b>3,710,698</b>	<b>25</b>
<b>Balance end of year (111.1)</b>	<b>9,242,664</b>	<b>58,764,342</b>	<b>0</b>	<b>0</b>	<b>68,007,006</b>	<b>26</b>
<b>Footnotes</b>						<b>27</b>

## ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT ON CONTRIBUTED PLANT IN SERVICE (ACCT. 111.2)

Depreciation Accruals (Credits) during the year (111.2):

1. Report the amounts charged in the operating sections to Other Income Deductions (426).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.  
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	Electric (c)	(d)	(e)	Total (f)	
<b>Balance first of year (111.2)</b>	2,326,705	1,622,567			<b>3,949,272</b>	1
<b>Credits During Year</b>						2
<b>Accruals:</b>						3
Charged Other Income Deductions (426)	880,220	166,391			<b>1,046,611</b>	4
Depreciation expense on meters						5
charged to sewer (see Note 3)					0	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage	0	0			0	10
Other credits (specify):						11
					0	12
					0	13
					0	14
					0	15
<b>Total credits</b>	<b>880,220</b>	<b>166,391</b>	<b>0</b>	<b>0</b>	<b>1,046,611</b>	16
<b>Debits during year</b>						17
Book cost of plant retired	0	0			0	18
Cost of removal	0	0			0	19
Other debits (specify):						20
					0	21
					0	22
					0	23
					0	24
<b>Total debits</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	25
<b>Balance end of year (111.2)</b>	<b>3,206,925</b>	<b>1,788,958</b>	<b>0</b>	<b>0</b>	<b>4,995,883</b>	26
<b>Footnotes</b>						27

**NET NONUTILITY PROPERTY (ACCTS. 121 & 122)**

- |  |
|--|
| <p>1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.<br/>                 2. Other items may be grouped by classes of property.<br/>                 3. Describe in detail any investment in sewer department carried in this account.</p> |
|--|

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Electric Fund-Land	375,775			375,775	2
Electric Fund-Car Ferry Building	28,249			28,249	3
<b>Total Nonutility Property (121)</b>	<b>404,024</b>	<b>0</b>	<b>0</b>	<b>404,024</b>	
Less accum. prov. depr. & amort. (122)	13,740	672		14,412	4
<b>Net Nonutility Property</b>	<b>390,284</b>	<b>(672)</b>	<b>0</b>	<b>389,612</b>	

**ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)**

Particulars (a)	Amount (b)	
Balance first of year	29,100	1
<b>Additions:</b>		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
<b>Total Additions</b>	<b>0</b>	
<b>Deductions:</b>		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
<b>Total accounts written off</b>	<b>0</b>	
<b>Balance end of year</b>	<b>29,100</b>	

## MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
<b>Electric Utility</b>							
Fuel (151)	4,198,702				4,198,702	4,905,028	1
Fuel stock expenses (152)					0	0	2
Plant mat. & oper. sup. (154)			728,466		728,466	759,337	3
<b>Total Electric Utility</b>					<b>4,927,168</b>	<b>5,664,365</b>	

Account	Total End of Year	Amount Prior Year	
Electric utility total	4,927,168	5,664,365	1
Water utility (154)	173,710	147,132	2
Sewer utility (154)		0	3
Heating utility (154)		0	4
Gas utility (154)		0	5
Merchandise (155)		0	6
Other materials & supplies (156)		0	7
Stores expense (163)		0	8
<b>Total Materials and Supplies</b>	<b>5,100,878</b>	<b>5,811,497</b>	

## UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
<b>Unamortized debt discount &amp; expense (181)</b>				
1997 Water Works System Mortgage Revenue Bonds	0	5318	39,440	1
1998 Water Works System Mortgage Revenue Bonds	0	3438	1,432	2
2002 ELECTRIC POWER SYSTEM MORTGAGE REVENUE BONDS	0	27247	15,451	3
2004 WATER WORKS SYSTEM MORTGAGE REVENUE BONDS	0	788	0	4
2005 ELECTRIC POWER SYSTEM MORTGAGE REVENUE BONDS	0	5263	82,492	5
2007 WATER WORKS SYSTEM MORTGAGE REVENUE BONDS	0	3670	27,218	6
<b>Total</b>			<b>166,033</b>	
<b>Unamortized premium on debt (251)</b>				
2004 ELECTRIC POWER SYSTEM MORTGAGE REVENUE BONDS	0	161393	3,259,394	7
2009 ELECTRIC POWER SYSTEM MORTGAGE REVEBUE BONDS	0	7839	940,680	8
<b>Total</b>			<b>4,200,074</b>	

**CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	0	1
<b>Changes during year (explain):</b>		<b>2</b>
<b>Balance end of year</b>	<b>0</b>	

### BONDS (ACCT. 221)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
Water Utility-Series 1998 - \$2,570,000	03/03/1998	06/01/2010	4.69%	210,000	1
ELECTRIC UTILITY-SERIES 2002 - \$7,150,000	12/20/2002	08/01/2010	5.00%	500,000	2
ELECTRIC UTILITY-SERIES 2004-\$69,550,000	03/09/2004	10/01/2034	5.09%	47,650,000	3
ELECTRIC UTILITY 2005 - \$4,715,000	12/01/2005	10/01/2025	4.01%	4,385,000	4
WATER UTILITY-SERIES 2007-\$3,720,000	03/05/2007	06/01/2017	4.06%	3,500,000	5
ELECTRIC UTILITY-SERIES 2009-\$21,740,000	11/23/2009	10/01/2019	3.90%	21,740,000	6
<b>Total Bonds (Account 221):</b>				<b>77,985,000</b>	

## NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
<b>Advances from Municipality (223)</b>					
PENSION FUNDING LIABILITY	12/31/2002	02/01/2023	5.00%	1,774,639	1
<b>Total for Account 223</b>				<b>1,774,639</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	00/00/0000	00/00/0000	0.00%		2
<b>Total for Account 224</b>				<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	00/00/0000	00/00/0000	0.00%		3
<b>Total for Account 231</b>				<b>0</b>	

**TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)	
Balance first of year	3,197,244	1
<b>Accruals:</b>		
Charged water department expense	772,832	2
Charged electric department expense	2,728,070	3
Charged sewer department expense		4
<b>Other (explain):</b>		
NONE		5
<b>Total Accruals and other credits</b>	<b>3,500,902</b>	
<b>Taxes paid during year:</b>		
County, state and local taxes	3,449,933	6
Social Security taxes		7
PSC Remainder Assessment		8
<b>Other (explain):</b>		
Gross Receipts Taxes Paid	7,061	9
<b>Total payments and other debits</b>	<b>3,456,994</b>	
<b>Balance end of year</b>	<b>3,241,152</b>	

### INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.  
 2. Report Customer Deposits under Account 235.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
<b>Bonds (221)</b>					
ELECTRIC MORTGAGE REVENUE BOND-SERIES 2002	54,688	86,979	131,250	<b>10,417</b>	1
ELECTRIC MORTGAGE REVENUE BOND-SERIES 2004	897,429	3,499,571	3,785,706	<b>611,294</b>	2
WATER MORTGAGE REVENUE BOND-SERIES 2007	11,842	144,300	144,300	<b>11,842</b>	3
Water Mortgage Revenue Bond-Series 1998	909	15,649	15,735	<b>823</b>	4
WATER MORTGAGE REVENUE BOND-SERIES 2004	93	5,188	5,281	<b>0</b>	5
ELECTRIC MORTGAGE REVENUE BOND-SERIES 2009		92,878	0	<b>92,878</b>	6
ELECTRIC MORTGAGE REVENUE BOND-SERIES 2005	46,066	182,434	184,263	<b>44,237</b>	7
<b>Subtotal</b>	<b>1,011,027</b>	<b>4,026,999</b>	<b>4,266,535</b>	<b>771,491</b>	
<b>Advances from Municipality (223)</b>					
PENSION FUNDING	39,791	96,469	96,469	<b>39,791</b>	8
<b>Subtotal</b>	<b>39,791</b>	<b>96,469</b>	<b>96,469</b>	<b>39,791</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	0			<b>0</b>	9
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Notes Payable (231)</b>					
Customer Deposits	0	1,505	1,505	<b>0</b>	* 10
<b>Subtotal</b>	<b>0</b>	<b>1,505</b>	<b>1,505</b>	<b>0</b>	
<b>Total</b>	<b>1,050,818</b>	<b>4,124,973</b>	<b>4,364,509</b>	<b>811,282</b>	

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## INTEREST ACCRUED (ACCT. 237)

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### Interest Accrued (Acct. 237) (Page F-20)

If Interest Accrued During Year (for other than Bonds (221)) is non-zero AND the Notes Payable and Miscellaneous Long-Term Debt schedule shows a Principal Amount EOY of zero or less, please explain.

Notes Payable 231 interest accrued is from Customer Deposits in 2009.

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## DETAIL OF OTHER BALANCE SHEET ACCOUNTS

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
<b>Investment in Municipality (123):</b>		
NONE		1
<b>Total (Acct. 123):</b>	<b>0</b>	
<b>Other Investments (124):</b>		
AMERICAN TRANSMISSION COMPANY	4,923,458	2
<b>Total (Acct. 124):</b>	<b>4,923,458</b>	
<b>Sinking Funds (125):</b>		
ELECTRIC SPECIAL REDEMPTION ACCOUNT	4,248,494	3
WATER SPECIAL REDEMPTION ACCOUNT	1,090,451	4
<b>Total (Acct. 125):</b>	<b>5,338,945</b>	
<b>Depreciation Fund (126):</b>		
NONE		5
<b>Total (Acct. 126):</b>	<b>0</b>	
<b>Other Special Funds (128):</b>		
WATER FUND-CMF MEMBRANE REPLACEMENT-MPU	575,107	6
WATER FUND-FACILITIES REPAIRS-CBCWA	50,293	7
WATER FUND-FACILITIES REPAIRS-MPU	50,293	8
WATER FUND-SMF MEMBRANE REPLACEMENT-CBCWA	613,573	9
WATER FUND-SMF MEMBRANE REPLACEMENT-MPU	392,284	10
WATER FUND-TRANSMISSION REPAIRS-CBCWA	100,587	11
ELECTRIC FUND-PROMPT PAYMENT SYSYTEM REVOCABLE TRUST	11,400	12
<b>Total (Acct. 128):</b>	<b>1,793,537</b>	
<b>Special Deposits (134):</b>		
NONE		13
<b>Total (Acct. 134):</b>	<b>0</b>	
<b>Notes Receivable (141):</b>		
ELECTRIC FUND GREAT LAKES UTILITIES	250,000	14
<b>Total (Acct. 141):</b>	<b>250,000</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	264,991	15
Electric	3,254,437	16
Sewer (Regulated)		17
<b>Other (specify):</b>		
NONE		18
<b>Total (Acct. 142):</b>	<b>3,519,428</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)	301,457	19
Merchandising, jobbing and contract work	1,953,730	* 20
<b>Other (specify):</b>		
NONE		21
<b>Total (Acct. 143):</b>	<b>2,255,187</b>	

## DETAIL OF OTHER BALANCE SHEET ACCOUNTS

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
<b>Receivables from Municipality (145):</b>		
NONE		22
<b>Total (Acct. 145):</b>	<b>0</b>	
<b>Prepayments (165):</b>		
WATER FUND INSURANCE	27,773	23
ELECTRIC FUND INSURANCE	155,277	24
ELECTRIC FUND SO2 EMISSION ALLOWANCES	340,000	25
ELECTRIC FUND POSTAGE	2,010	26
<b>Total (Acct. 165):</b>	<b>525,060</b>	
<b>Extraordinary Property Losses (182):</b>		
ELECTRIC FUND-EARLY RETIREMENT OF DIESEL # 1	460,000	27
<b>Total (Acct. 182):</b>	<b>460,000</b>	
<b>Preliminary Survey and Investigation Charges (183):</b>		
ELECTRIC FUND	16,736	28
<b>Total (Acct. 183):</b>	<b>16,736</b>	
<b>Clearing Accounts (184):</b>		
NONE		29
<b>Total (Acct. 184):</b>	<b>0</b>	
<b>Temporary Facilities (185):</b>		
NONE		30
<b>Total (Acct. 185):</b>	<b>0</b>	
<b>Miscellaneous Deferred Debits (186):</b>		
WATER FUND PAINTING REED AVE WATER TOWER	380,320	31
WATER FUND PENSION REQUIREMENTS	210,750	32
ELECTRIC FUND PENSION REQUIREMENTS	1,049,489	33
<b>Total (Acct. 186):</b>	<b>1,640,559</b>	
<b>Payables to Municipality (233):</b>		
WATER SEWER COLLECTIONS PAYABLE	301,457	34
<b>Total (Acct. 233):</b>	<b>301,457</b>	
<b>Other Deferred Credits (253):</b>		
Regulatory Liability	1,191,099	35
ELECTRIC FUND PUBLIC BENEFITS	82,898	36
<b>Total (Acct. 253):</b>	<b>1,273,997</b>	

## DETAIL OF OTHER BALANCE SHEET ACCOUNTS

**Detail of Other Balance Sheet Accounts (Page F-22)**

**Extraordinary Property Losses (Acct 182):** amortization requires PSC authorization. Provide date of authorization.  
 Early Retirement of Diesel #1 per letter from Robert Norcross dated 1/20/10.

**Miscellaneous Deferred Debits (Acct 186):** amortization requires PSC authorization. Provide date of authorization.  
 Pension requirements are authorized by letter from Bruce Manthey dated 9/17/03.

Water Tower Painting cost deferred per letter from Kathleen Butzlaff dated 10/1/09.

Please explain amounts in Accounts 143, 145 and/or 233 in excess of \$10,000, providing a short list or detail using other than terms such as "other revenues" "general" "miscellaneous" or repeating the account title.

Complete list of Other Accounts Receivable is available from MPU. Partial list is listed below. Receivables are for Steam Billings, wholesale sales of water, sewer user fee, EDP charges, wholesale sales of electricity, sale of coal, sale of electric distribution services and tax roll special assessments.

----- CUSTOMER NAME -----	AMOUNT DUE -----
Great Lakes Utilities	\$ 733,062.40
Water Fund-FWPS Back Billings	333,019.48
Busch Agricultural	209,914.09
Central Brown County Water Authority	184,800.00
Busch Agricultural	112,073.83
Wastewater Treatment	37,265.00
City of Manitowoc	33,061.92
The C Reiss Coal Co	27,184.36
Midwest Independent System Operators	24,672.06
The C Reiss Coal Co	22,065.32
City of Kiel	21,111.15
The C Reiss Coal Co	20,496.56
The C Reiss Coal Co	20,400.68
City of Kiel	19,794.28
Great Lakes Utilities	18,650.10
Manitowoc Board of Education	15,649.87
The C Reiss Coal Co	13,470.80
The C Reiss Coal Co	10,243.52
Total	\$1,856,935.42

## RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include contributed plant in service, property held for future use, or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
<b>Add Average:</b>						
Utility Plant in Service (101.1)	31,050,510	175,031,387	0	0	<b>206,081,897</b>	<b>1</b>
Materials and Supplies	160,421	5,295,766	0	0	<b>5,456,187</b>	<b>2</b>
<b>Other (specify):</b>						
NONE					<b>0</b>	<b>3</b>
<b>Less Average:</b>						
Reserve for Depreciation (111.1)	8,930,356	57,345,887	0	0	<b>66,276,243</b>	<b>4</b>
Customer Advances for Construction					<b>0</b>	<b>5</b>
Regulatory Liability	586,069	647,568	0	0	<b>1,233,637</b>	<b>6</b>
NONE					<b>0</b>	<b>7</b>
<b>Average Net Rate Base</b>	<b>21,694,506</b>	<b>122,333,698</b>	<b>0</b>	<b>0</b>	<b>144,028,204</b>	
Net Operating Income	796,274	7,502,237	0	0	<b>8,298,511</b>	<b>8</b>
<b>Net Operating Income as a percent of</b>						
<b>Average Net Rate Base</b>	<b>3.67%</b>	<b>6.13%</b>	<b>N/A</b>	<b>N/A</b>	<b>5.76%</b>	

**REGULATORY LIABILITY - PRE-2003 HISTORICAL  
ACCUMULATED DEPRECIATION ON CONTRIBUTED UTILITY  
PLANT (253)**

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Balance First of Year	606,279	669,898	0	0	<b>1,276,177</b>	1
<b>Add credits during year:</b>					<b>0</b>	2
<b>Deduct charges:</b>						
Miscellaneous Amortization (425)	40,419	44,659	0	0	<b>85,078</b>	3
<b>Other (specify):</b>					<b>0</b>	4
<b>Balance End of Year</b>	<b>565,860</b>	<b>625,239</b>	<b>0</b>	<b>0</b>	<b>1,191,099</b>	

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## IMPORTANT CHANGES DURING THE YEAR

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Report changes of any of the following types:

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**1. Acquisitions.**

None

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**2. Leaseholder changes.**

None

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**3. Extensions of service.**

MPU's Water Utility added 1.3 miles of new water main in 2009.

MPU's Electric Utility added 0 miles of new electric distribution circuit during 2009.

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**4. Estimated changes in revenues due to rate changes.**

Electric Rate Change Effective 6/1/09 3% New Decrease.

Wholesale Water Sales Rate Increased 3.7% Effective 1/1/09.

Refinanced \$21,740,000 of Callable Electric Revenue Bonds.

Lowered the coupon rates and will be paying it off over the next 10 years rather than 2030 through 2034.

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**5. Obligations incurred or assumed, excluding commercial paper.**

None

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**6. Formal proceedings with the Public Service Commission.**

Approval to amortize Reed Ave. Water Tower Painting.

Approval to amortize lose on early retirement of Diesel #1.

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**7. Any additional matters.**

## WATER OPERATING REVENUES & EXPENSES

Particulars (a)	This Year (b)	Last Year (c)	
<b>Operating Revenues</b>			
<b>Sales of Water</b>			
Sales of Water (460-467)	6,520,796	6,747,648	1
<b>Total Sales of Water</b>	<b>6,520,796</b>	<b>6,747,648</b>	
<b>Other Operating Revenues</b>			
Forfeited Discounts (470 )	7,978	7,731	2
Rents from Water Property (472 )	44,320	43,280	3
Interdepartmental Rents (473 )	0	0	4
Other Water Revenues (474 )	36,143	40,382	5
<b>Total Other Operating Revenues</b>	<b>88,441</b>	<b>91,393</b>	
<b>Total Operating Revenues</b>	<b>6,609,237</b>	<b>6,839,041</b>	
<b>Operation and Maintenance Expenses</b>			
Source of Supply Expense (600-617)	26,558	8,487	6
Pumping Expenses (620-633)	1,243,441	975,729	7
Water Treatment Expenses (640-652)	946,521	886,921	8
Transmission and Distribution Expenses (660-678)	1,025,711	809,486	9
Customer Accounts Expenses (901-906)	197,646	185,456	10
Sales Expenses (910 )	0	0	11
Administrative and General Expenses (920-932)	814,645	803,687	12
<b>Total Operation and Maintenance Expenses</b>	<b>4,254,522</b>	<b>3,669,766</b>	
<b>Other Operating Expenses</b>			
Depreciation Expense (403 )	722,842	696,548	13
Amortization Expense (404-407)		0	14
Taxes (408 )	835,599	827,711	15
<b>Total Other Operating Expenses</b>	<b>1,558,441</b>	<b>1,524,259</b>	
<b>Total Operating Expenses</b>	<b>5,812,963</b>	<b>5,194,025</b>	
<b>NET OPERATING INCOME</b>	<b>796,274</b>	<b>1,645,016</b>	

## WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Account 460, Unmetered Sales to General Customers - Gallons of Water Sold should not include in any way quantity of water, i.e. metered, or measured by tank or pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (Account 461).
5. Other accounts: see application Help files for details.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
<b>Operating Revenues</b>				
<b>Sales of Water</b>				
Unmetered Sales to General Customers (460)				
Residential (460.1 )	17	1	2,039	1
Commercial (460.2 )				2
Industrial (460.3 )				3
Public Authority (460.4 )				4
<b>Total Unmetered Sales to General Customers (460)</b>	<b>17</b>	<b>1</b>	<b>2,039</b>	
Metered Sales to General Customers (461)				
Residential (461.1 )	12,291	640,715	1,657,367	5
Commercial (461.2 )	1,077	277,921	552,082	6
Industrial (461.3 )	196	972,198	1,150,202	7
Public Authority (461.4 )	156	66,712	104,798	8
<b>Total Metered Sales to General Customers (461)</b>	<b>13,720</b>	<b>1,957,546</b>	<b>3,464,449</b>	
Private Fire Protection Service (462 )	161		97,924	9
Public Fire Protection Service (463 )	1		610,575	10
Other Water Sales (465 )				11
Sales for Resale (466 )	2	2,684,000	2,269,924	12
Interdepartmental Sales (467 )	1	60,848	75,885	13
<b>Total Sales of Water</b>	<b>13,902</b>	<b>4,702,395</b>	<b>6,520,796</b>	

### SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)		
CITY OF TWO RIVERS	TWO RIVERS MEMORIAL DRIVE	0	15,364	*	1
CENTRAL BROWN COUNTY WATER AUTHORI	MANITOWOC FWPS	2,684,000	2,254,560		2
<b>Total</b>		<b>2,684,000</b>	<b>2,269,924</b>		

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## SALES FOR RESALE (ACCT. 466)

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### Sales for Resale (Acct. 466) (Page W-03)

#### General footnotes

City of Two Rivers is from the annual fixed fee for the water connection. There is no consumption in 2009. MPU customer account number 60060-29406.

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## OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.  
 2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.  
 3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
<b>Public Fire Protection Service (463):</b>		
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		1
<b>Other (specify):</b>		
Wholesale fire protection billed		2
Amount billed (usually per rate schedule F-1 or Fd-1)	610,575	3
NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>610,575</b>	
<b>Forfeited Discounts (470):</b>		
NONE		5
Customer late payment charges	7,978	6
<b>Other (specify):</b>		
<b>Total Forfeited Discounts (470)</b>	<b>7,978</b>	
<b>Rents from Water Property (472):</b>		
REED AVENUE WATER TOWER-CELLCOM	27,040	7
REED AVENUE WATER TOWER-VERIZON WIRELESS	17,280	8
<b>Total Rents from Water Property (472)</b>	<b>44,320</b>	
<b>Interdepartmental Rents (473):</b>		
NONE		9
<b>Total Interdepartmental Rents (473)</b>	<b>0</b>	
<b>Other Water Revenues (474):</b>		
SALES TAX ALLOWANCE	2	10
Return on net investment in meters charged to sewer department	36,141	11
<b>Other (specify):</b>		
<b>Total Other Water Revenues (474)</b>	<b>36,143</b>	

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## OTHER OPERATING REVENUES (WATER)

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### Other Operating Revenues (Water) (Page W-04)

Please explain amounts in Account 474 in excess of \$10,000, including like items grouped. Please provide, for example, a short list or detail using other than terms such as "other revenues" "general" "miscellaneous" or repeating the account title.

Other water revenue account 474 \$36,141 is the return on net investment in meters charged to the City of Manitowoc Wastewater Treatment Plant for sewer billings and collections for 2009.

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## WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>SOURCE OF SUPPLY EXPENSES</b>			
Operation Supervision and Engineering (600)	0	2,253	1
Operation Labor and Expenses (601)	0	0	2
Purchased Water (602)	0	0	3
Miscellaneous Expenses (603)	285	782	4
Rents (604)	0	0	5
Maintenance Supervision and Engineering (610)	0	105	6
Maintenance of Structures and Improvements (611)	160	7,456	7
Maintenance of Collecting and Impounding Reservoirs (612)	0	0	8
Maintenance of Lake, River and Other Intakes (613)	1,654	(6,101)	9
Maintenance of Wells and Springs (614)	0	0	10
Maintenance of Supply Mains (616)	3,141	2,348	11
Maintenance of Miscellaneous Water Source Plant (617)	21,318	1,644	* 12
<b>Total Source of Supply Expenses</b>	<b>26,558</b>	<b>8,487</b>	
<b>PUMPING EXPENSES</b>			
Operation Supervision and Engineering (620)	147	10,636	* 13
Fuel for Power Production (621)	0	0	14
Power Production Labor and Expenses (622)	0	0	15
Fuel or Power Purchased for Pumping (623)	1,169,411	883,092	* 16
Pumping Labor and Expenses (624)	3,602	0	17
Expenses Transferred--Credit (625)	0	0	18
Miscellaneous Expenses (626)	1,412	768	19
Rents (627)	0	0	20
Maintenance Supervision and Engineering (630)	0	198	21
Maintenance of Structures and Improvements (631)	8,626	22,084	* 22
Maintenance of Power Production Equipment (632)	0	0	23
Maintenance of Pumping Equipment (633)	60,243	58,951	24
<b>Total Pumping Expenses</b>	<b>1,243,441</b>	<b>975,729</b>	
<b>WATER TREATMENT EXPENSES</b>			
Operation Supervision and Engineering (640)	78,588	117,822	* 25
Chemicals (641)	136,432	128,578	26
Operation Labor and Expenses (642)	104,602	68,827	* 27
Miscellaneous Expenses (643)	319,586	251,508	* 28
Rents (644)	0	0	29
Maintenance Supervision and Engineering (650)	76,924	116,840	* 30
Maintenance of Structures and Improvements (651)	43,361	26,441	* 31
Maintenance of Water Treatment Equipment (652)	187,028	176,905	32
<b>Total Water Treatment Expenses</b>	<b>946,521</b>	<b>886,921</b>	

## WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>			
Operation Supervision and Engineering (660)	56,119	82,155	* 33
Storage Facilities Expenses (661)	9,549	6,151	34
Transmission and Distribution Lines Expenses (662)	37,479	51,376	* 35
Meter Expenses (663)	41,344	23,171	* 36
Customer Installations Expenses (664)	0	0	37
Miscellaneous Expenses (665)	75,704	93,887	* 38
Rents (666)	0	0	39
Maintenance Supervision and Engineering (670)	40,343	40,790	40
Maintenance of Structures and Improvements (671)	24,020	22,172	41
Maintenance of Distribution Reservoirs and Standpipes (672)	138,151	16,535	* 42
Maintenance of Transmission and Distribution Mains (673)	458,678	242,640	* 43
Maintenance of Services (675)	88,531	170,418	* 44
Maintenance of Meters (676)	13,501	7,371	45
Maintenance of Hydrants (677)	19,892	24,395	46
Maintenance of Miscellaneous Plant (678)	22,400	28,425	47
<b>Total Transmission and Distribution Expenses</b>	<b>1,025,711</b>	<b>809,486</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>			
Supervision (901)	9,467	9,490	48
Meter Reading Expenses (902)	42,452	30,550	* 49
Customer Records and Collection Expenses (903)	113,215	107,900	50
Uncollectible Accounts (904)	6,589	1,503	51
Miscellaneous Customer Accounts Expenses (905)	25,923	36,013	* 52
Customer Service and Information Expenses (906)	0	0	53
<b>Total Customer Accounts Expenses</b>	<b>197,646</b>	<b>185,456</b>	
<b>SALES EXPENSES</b>			
Sales Expenses (910)		0	54
<b>Total Sales Expenses</b>	<b>0</b>	<b>0</b>	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>			
Administrative and General Salaries (920)	150,440	179,757	* 55
Office Supplies and Expenses (921)	72,865	88,778	* 56
Administrative Expenses Transferred--Credit (922)	(29,742)	(55,406)	* 57
Outside Services Employed (923)	79,357	52,249	* 58
Property Insurance (924)	52,877	57,000	59
Injuries and Damages (925)	66,927	68,667	60
Employee Pensions and Benefits (926)	338,293	239,580	* 61
Regulatory Commission Expenses (928)	36	2,805	62
Duplicate Charges--Credit (929)	0	0	63

## WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>			
Miscellaneous General Expenses (930)	23,137	52,601	* 64
Rents (931)	0	0	65
Maintenance of General Plant (932)	971	6,844	66
<b>Total Administrative and General Expenses</b>	<b>814,645</b>	<b>803,687</b>	
<b>Total Operation and Maintenance Expenses</b>	<b>4,254,522</b>	<b>3,669,766</b>	

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## WATER OPERATION & MAINTENANCE EXPENSES

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### Water Operation & Maintenance Expenses (Page W-05)

For values that represent an increase or a decrease when compared to the previous year of greater than 15%, but not less \$10,000, please explain.

Account 617 - More labor allocated to this classification  
Account 620 - Less labor allocated to this classification  
Account 623 - Finished Water Pump Station Metering Adjustment  
Account 631 - Fewer expenses allocated to this account  
Account 640 - Less labor allocated to this account  
Account 642 - Higher sewer, contractor, lab & labor costs  
Account 643 - Greater allocation of labor  
Account 650 - Less labor allocated  
Account 651 - More maintenance costs  
Account 660 - Less allocation of labor  
Account 662 - Less allocation of labor  
Account 663 - Less expense allocated to new meters  
Account 665 - Less labor allocated to this account  
Account 672 - Amortize water tower painting  
Account 673 - More water main break repairs  
Account 675 - Less expenses allocated to this account  
Account 902 - Increased labor mix  
Account 905 - Decreased EDP costs  
Account 920 - Revised allocation percent with electric  
Account 921 - Revised allocation percent with electric  
Account 922 - Revised allocation percent with electric  
Account 923 - Increased legal fees  
Account 926 - Health insurance refunds received in 2008  
Account 930 - Revised allocation percent

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### TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	This Year (c)	Last Year (d)	
Property Tax Equivalent		772,832	751,539	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		11,031	10,525	2
<b>Net property tax equivalent</b>		<b>761,801</b>	<b>741,014</b>	
Social Security		65,642	79,103	3
PSC Remainder Assessment		8,156	7,594	4
Other (specify): NONE			0	5
<b>Total tax expense</b>		<b>835,599</b>	<b>827,711</b>	

## PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service (total of utility financed and contributed plant), property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Manitowoc				1
<b>SUMMARY OF TAX RATES</b>							<b>2</b>
State tax rate	mills		0.177300				3
County tax rate	mills		5.376800				4
Local tax rate	mills		6.756900				5
School tax rate	mills		7.864100				6
Voc. school tax rate	mills		1.557700				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
<b>Total tax rate</b>	mills		<b>21.732800</b>				<b>10</b>
Less: state credit	mills		1.243900				11
<b>Net tax rate</b>	mills		<b>20.488900</b>				<b>12</b>
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							<b>13</b>
<b>Local Tax Rate</b>	mills		<b>6.756900</b>				<b>14</b>
<b>Combined School Tax Rate</b>	mills		<b>9.421800</b>				<b>15</b>
<b>Other Tax Rate - Local</b>	mills		<b>0.000000</b>				<b>16</b>
<b>Total Local &amp; School Tax</b>	mills		<b>16.178700</b>				<b>17</b>
<b>Total Tax Rate</b>	mills		<b>21.732800</b>				<b>18</b>
<b>Ratio of Local and School Tax to Total</b>	dec.		<b>0.744437</b>				<b>19</b>
<b>Total tax net of state credit</b>	mills		<b>20.488900</b>				<b>20</b>
<b>Net Local and School Tax Rate</b>	mills		<b>15.252695</b>				<b>21</b>
Utility Plant, Jan. 1	\$	<b>65,816,875</b>	65,816,875				22
Materials & Supplies	\$	<b>147,132</b>	147,132				23
<b>Subtotal</b>	\$	<b>65,964,007</b>	<b>65,964,007</b>				<b>24</b>
Less: Plant Outside Limits	\$	<b>3,354,270</b>	3,354,270				25
<b>Taxable Assets</b>	\$	<b>62,609,737</b>	<b>62,609,737</b>				<b>26</b>
Assessment Ratio	dec.		0.956444				27
<b>Assessed Value</b>	\$	<b>59,882,707</b>	<b>59,882,707</b>				<b>28</b>
<b>Net Local &amp; School Rate</b>	mills		<b>15.252695</b>				<b>29</b>
<b>Tax Equiv. Computed for Current Year</b>	\$	<b>913,373</b>	<b>913,373</b>				<b>30</b>
Tax Equivalent per 1994 PSC Report	\$	399,683					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$	772,832					32 33
<b>Tax equiv. for current year (see note 6)</b>	\$	<b>772,832</b>					<b>34</b>
Footnotes			*				35

## WATER UTILITY PLANT IN SERVICE --Plant Financed by Utility or Municipality--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>						
Land and Land Rights (310)	83,952				83,952	4
Structures and Improvements (311)	0				0	5
Collecting and Impounding Reservoirs (312)	0				0	6
Lake, River and Other Intakes (313)	1,968,150				1,968,150	7
Wells and Springs (314)	259,302				259,302	8
Supply Mains (316)	178,222				178,222	9
Other Water Source Plant (317)	0				0	10
<b>Total Source of Supply Plant</b>	<b>2,489,626</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,489,626</b>	
<b>PUMPING PLANT</b>						
Land and Land Rights (320)	22,823				22,823	11
Structures and Improvements (321)	556,762				556,762	12
Other Power Production Equipment (323)	0				0	13
Electric Pumping Equipment (325)	1,658,752				1,658,752	14
Diesel Pumping Equipment (326)	11,680				11,680	15
Other Pumping Equipment (328)	22,016				22,016	16
<b>Total Pumping Plant</b>	<b>2,272,033</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,272,033</b>	
<b>WATER TREATMENT PLANT</b>						
Land and Land Rights (330)	41,989				41,989	17
Structures and Improvements (331)	3,527,868				3,527,868	18
Sand or Other Media Filtration Equipment (332)	6,303,806				6,303,806	19
Membrane Filtration Equipment (333)	0				0	20
Other Water Treatment Equipment (334)	0				0	21
<b>Total Water Treatment Plant</b>	<b>9,873,663</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,873,663</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Land and Land Rights (340)	25,551	30,075			55,626	22
Structures and Improvements (341)	0				0	23
Distribution Reservoirs and Standpipes (342)	1,300,189	1,838,481			3,138,670	24 *
Transmission and Distribution Mains (343)	10,433,130	398,167	49,055		10,782,242	25
Services (345)	0				0	26
Meters (346)	1,573,703	108,348	103,030		1,579,021	27
Hydrants (348)	1,168,211	36,160	5,088		1,199,283	28

## WATER UTILITY PLANT IN SERVICE

### --Plant Financed by Utility or Municipality--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Other Transmission and Distribution Plant (349)	0				0	29
<b>Total Transmission and Distribution Plant</b>	<b>14,500,784</b>	<b>2,411,231</b>	<b>157,173</b>	<b>0</b>	<b>16,754,842</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	58,619				58,619	30
Structures and Improvements (390)	288,206	7,400	6,900		288,706	31
Office Furniture and Equipment (391)	32,907				32,907	32
Computer Equipment (391.1)	35,145	5,766			40,911	33
Transportation Equipment (392)	188,468				188,468	34
Stores Equipment (393)	18,370				18,370	35
Tools, Shop and Garage Equipment (394)	41,540	7,862			49,402	36
Laboratory Equipment (395)	27,757				27,757	37
Power Operated Equipment (396)	12,150				12,150	38
Communication Equipment (397)	11,573				11,573	39
SCADA Equipment (397.1)	65,576				65,576	40
Miscellaneous Equipment (398)	0				0	41
<b>Total General Plant</b>	<b>780,311</b>	<b>21,028</b>	<b>6,900</b>	<b>0</b>	<b>794,439</b>	
<b>Total utility plant in service directly assignable</b>	<b>29,916,417</b>	<b>2,432,259</b>	<b>164,073</b>	<b>0</b>	<b>32,184,603</b>	
Common Utility Plant Allocated to Water Department (300)	0				0	42
<b>Total utility plant in service</b>	<b>29,916,417</b>	<b>2,432,259</b>	<b>164,073</b>	<b>0</b>	<b>32,184,603</b>	

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**WATER UTILITY PLANT IN SERVICE**  
**--Plant Financed by Utility or Municipality--**

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**Water Utility Plant in Service --Plant Financed by Utility or Municipality-- (Page W-08)**

**If Additions for Accounts OTHER than 316, 343, 345, 346 and 348 exceed \$100,000, please explain. If applicable, provide construction authorization.**

Account 342 - New NW Water Tower placed in service.

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## WATER UTILITY PLANT IN SERVICE --Plant Financed by Contributions--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>						
Land and Land Rights (310)	0				0	4
Structures and Improvements (311)	0				0	5
Collecting and Impounding Reservoirs (312)	0				0	6
Lake, River and Other Intakes (313)	5,114,689				5,114,689	7
Wells and Springs (314)	0				0	8
Supply Mains (316)	0				0	9
Other Water Source Plant (317)	0				0	10
<b>Total Source of Supply Plant</b>	<b>5,114,689</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,114,689</b>	
<b>PUMPING PLANT</b>						
Land and Land Rights (320)	0				0	11
Structures and Improvements (321)	0				0	12
Other Power Production Equipment (323)	0				0	13
Electric Pumping Equipment (325)	5,815,166				5,815,166	14
Diesel Pumping Equipment (326)	0				0	15
Other Pumping Equipment (328)	0				0	16
<b>Total Pumping Plant</b>	<b>5,815,166</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,815,166</b>	
<b>WATER TREATMENT PLANT</b>						
Land and Land Rights (330)	0				0	17
Structures and Improvements (331)	118,200				118,200	18
Sand or Other Media Filtration Equipment (332)	9,248,660				9,248,660	19
Membrane Filtration Equipment (333)	0				0	20
Other Water Treatment Equipment (334)	0				0	21
<b>Total Water Treatment Plant</b>	<b>9,366,860</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,366,860</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Land and Land Rights (340)	0				0	22
Structures and Improvements (341)	0				0	23
Distribution Reservoirs and Standpipes (342)	6,975,868	228,278			7,204,146	* 24
Transmission and Distribution Mains (343)	6,802,107	121,221			6,923,328	25
Services (345)	0				0	26
Meters (346)	21,602				21,602	27
Hydrants (348)	148,901	2,319			151,220	28

## WATER UTILITY PLANT IN SERVICE --Plant Financed by Contributions--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Other Transmission and Distribution Plant (349)	0				0	29
<b>Total Transmission and Distribution Plant</b>	<b>13,948,478</b>	<b>351,818</b>	<b>0</b>	<b>0</b>	<b>14,300,296</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	0				0	30
Structures and Improvements (390)	0				0	31
Office Furniture and Equipment (391)	0				0	32
Computer Equipment (391.1)	0				0	33
Transportation Equipment (392)	0				0	34
Stores Equipment (393)	0				0	35
Tools, Shop and Garage Equipment (394)	0				0	36
Laboratory Equipment (395)	0				0	37
Power Operated Equipment (396)	0				0	38
Communication Equipment (397)	0				0	39
SCADA Equipment (397.1)	0				0	40
Miscellaneous Equipment (398)	0				0	41
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total utility plant in service directly assignable</b>	<b>34,245,193</b>	<b>351,818</b>	<b>0</b>	<b>0</b>	<b>34,597,011</b>	
Common Utility Plant Allocated to Water Department (300)	0				0	42
<b>Total utility plant in service</b>	<b>34,245,193</b>	<b>351,818</b>	<b>0</b>	<b>0</b>	<b>34,597,011</b>	

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**WATER UTILITY PLANT IN SERVICE**  
**--Plant Financed by Contributions--**

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**Water Utility Plant in Service --Plant Financed by Contributions-- (Page W-09)**

**If Additions for Accounts OTHER than 316, 343, 345, 346 and 348 exceed \$100,000, please explain.**

Account 342 - Moved from plant financed by Utility.

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## ACCUMULATED PROVISION FOR DEPRECIATION - WATER

### --Plant Financed by Utility or Municipality--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.  
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>SOURCE OF SUPPLY PLANT</b>				
Structures and Improvements (311)	0	0.00%		1
Collecting and Impounding Reservoirs (312)	0	0.00%		2
Lake, River and Other Intakes (313)	1,102,523	1.70%	33,459	3
Wells and Springs (314)	259,302	2.90%		4
Supply Mains (316)	74,997	1.80%	3,208	5
Other Water Source Plant (317)	0	0.00%		6
<b>Total Source of Supply Plant</b>	<b>1,436,822</b>		<b>36,667</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	245,475	3.20%	17,816	7
Other Power Production Equipment (323)	0	0.00%		8
Electric Pumping Equipment (325)	966,816	4.40%	72,985	9
Diesel Pumping Equipment (326)	11,623	4.40%	56	10
Other Pumping Equipment (328)	18,229	4.40%	969	11
<b>Total Pumping Plant</b>	<b>1,242,143</b>		<b>91,826</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	1,258,934	3.20%	112,891	12
Sand or Other Media Filtration Equipment (332)	1,323,083	3.30%	208,025	13
Membrane Filtration Equipment (333)	0	0.00%		14
Other Water Treatment Equipment (334)	0	0.00%		15
<b>Total Water Treatment Plant</b>	<b>2,582,017</b>		<b>320,916</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0	0.00%		16
Distribution Reservoirs and Standpipes (342)	796,275	1.90%	42,170	17
Transmission and Distribution Mains (343)	1,611,428	1.30%	137,899	18
Services (345)	0	0.00%		19
Meters (346)	383,700	5.50%	86,700	20
Hydrants (348)	207,321	2.20%	26,042	21
Other Transmission and Distribution Plant (349)	0	0.00%		22
<b>Total Transmission and Distribution Plant</b>	<b>2,998,724</b>		<b>292,811</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	91,784	2.90%	8,365	23
Office Furniture and Equipment (391)	23,434	5.80%	938	24
Computer Equipment (391.1)	8,418	26.70%	8,898	25
Transportation Equipment (392)	133,051	13.30%	18,581	26
Stores Equipment (393)	16,629	5.80%	171	27
Tools, Shop and Garage Equipment (394)	13,932	5.80%	2,409	28
Laboratory Equipment (395)	11,891	5.80%	1,610	29

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Utility or Municipality--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					1,135,982	3
314					259,302	4
316					78,205	5
317					0	6
	0	0	0	0	1,473,489	
321					263,291	7
323					0	8
325					1,039,801	9
326					11,679	10
328					19,198	11
	0	0	0	0	1,333,969	
331					1,371,825	12
332					1,531,108	13
333					0	14
334					0	15
	0	0	0	0	2,902,933	
341					0	16
342					838,445	17
343	49,055	4,529			1,695,743	18
345					0	19
346	103,030		1,231		368,601	20
348	5,088	1,104	3,193		230,364	21
349					0	22
	157,173	5,633	4,424	0	3,133,153	
390	6,900				93,249	23
391					24,372	24
391.1					17,316	25
392					151,632	26
393					16,800	27
394					16,341	28
395					13,501	29

## ACCUMULATED PROVISION FOR DEPRECIATION - WATER

### --Plant Financed by Utility or Municipality--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>GENERAL PLANT</b>				
Power Operated Equipment (396)	6,073	7.50%	912	<b>30</b>
Communication Equipment (397)	11,573	15.00%		<b>31</b>
SCADA Equipment (397.1)	41,558	9.20%	5,793	<b>32</b>
Miscellaneous Equipment (398)	0	0.00%		<b>33</b>
<b>Total General Plant</b>	<b>358,343</b>		<b>47,677</b>	
<b>Total accum. prov. directly assignable</b>	<b>8,618,049</b>		<b>789,897</b>	
 Common Utility Plant Allocated to Water Department	 0	 0.00%		 <b>34</b>
<b>Total accum. prov. for depreciation</b>	<b>8,618,049</b>		<b>789,897</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Utility or Municipality--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
396					6,985	30
397					11,573	31
397.1					47,351	32
398					0	33
	6,900	0	0	0	399,120	
	164,073	5,633	4,424	0	9,242,664	
					0	34
	164,073	5,633	4,424	0	9,242,664	

## ACCUMULATED PROVISION FOR DEPRECIATION - WATER

### --Plant Financed by Contributions--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.  
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>SOURCE OF SUPPLY PLANT</b>				
Structures and Improvements (311)	0	0.00%		1
Collecting and Impounding Reservoirs (312)	0	0.00%		2
Lake, River and Other Intakes (313)	129,658	1.70%	86,949	3
Wells and Springs (314)	0	0.00%		4
Supply Mains (316)	0	0.00%		5
Other Water Source Plant (317)	0	0.00%		6
<b>Total Source of Supply Plant</b>	<b>129,658</b>		<b>86,949</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	0	0.00%		7
Other Power Production Equipment (323)	0	0.00%		8
Electric Pumping Equipment (325)	384,383	4.40%	255,867	9
Diesel Pumping Equipment (326)	0	0.00%		10
Other Pumping Equipment (328)	0	0.00%		11
<b>Total Pumping Plant</b>	<b>384,383</b>		<b>255,867</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	1,891	3.20%	3,783	12
Sand or Other Media Filtration Equipment (332)	455,034	3.30%	305,206	13
Membrane Filtration Equipment (333)	0	0.00%		14
Other Water Treatment Equipment (334)	0	0.00%		15
<b>Total Water Treatment Plant</b>	<b>456,925</b>		<b>308,989</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0	0.00%		16
Distribution Reservoirs and Standpipes (342)	217,341	1.90%	134,710	17
Transmission and Distribution Mains (343)	1,119,795	1.30%	89,215	18
Services (345)	0	0.00%		19
Meters (346)	1,728	5.50%	1,188	20
Hydrants (348)	16,875	2.20%	3,302	21
Other Transmission and Distribution Plant (349)	0	0.00%		22
<b>Total Transmission and Distribution Plant</b>	<b>1,355,739</b>		<b>228,415</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	0	0.00%		23
Office Furniture and Equipment (391)	0	0.00%		24
Computer Equipment (391.1)	0	0.00%		25
Transportation Equipment (392)	0	0.00%		26
Stores Equipment (393)	0	0.00%		27
Tools, Shop and Garage Equipment (394)	0	0.00%		28
Laboratory Equipment (395)	0	0.00%		29

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Contributions--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					216,607	3
314					0	4
316					0	5
317					0	6
	0	0	0	0	216,607	
321					0	7
323					0	8
325					640,250	9
326					0	10
328					0	11
	0	0	0	0	640,250	
331					5,674	12
332					760,240	13
333					0	14
334					0	15
	0	0	0	0	765,914	
341					0	16
342					352,051	17
343					1,209,010	18
345					0	19
346					2,916	20
348					20,177	21
349					0	22
	0	0	0	0	1,584,154	
390					0	23
391					0	24
391.1					0	25
392					0	26
393					0	27
394					0	28
395					0	29

## ACCUMULATED PROVISION FOR DEPRECIATION - WATER

### --Plant Financed by Contributions--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.  
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>GENERAL PLANT</b>				
Power Operated Equipment (396)	0	0.00%		30
Communication Equipment (397)	0	0.00%		31
SCADA Equipment (397.1)	0	0.00%		32
Miscellaneous Equipment (398)	0	0.00%		33
<b>Total General Plant</b>	<b>0</b>		<b>0</b>	
<b>Total accum. prov. directly assignable</b>	<b>2,326,705</b>		<b>880,220</b>	
Common Utility Plant Allocated to Water Department	0	0.00%		34
<b>Total accum. prov. for depreciation</b>	<b>2,326,705</b>		<b>880,220</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Contributions--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
396					0	30
397					0	31
397.1					0	32
398					0	33
	0	0	0	0	0	
	0	0	0	0	3,206,925	
					0	34
	0	0	0	0	3,206,925	

## SOURCES OF WATER SUPPLY - STATISTICS

Expanded definitions of the three types of accounted-for water reported on this schedule are included in the schedule Help and in the Reference Manual Schedule Reference Sheet.

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January	0	459,295	0	459,295	1
February	0	415,499	191	415,690	2
March	0	447,194	0	447,194	3
April	0	422,984	0	422,984	4
May	0	462,561	147	462,708	5
June	0	492,782	0	492,782	6
July	0	589,352	3,948	593,300	7
August	0	521,209	2,294	523,503	8
September	0	519,999	267	520,266	9
October	0	443,574	0	443,574	10
November	0	403,363	0	403,363	11
December	0	396,441	1,062	397,503	12
<b>Total annual pumpage</b>	<b>0</b>	<b>5,574,253</b>	<b>7,909</b>	<b>5,582,162</b>	

## WATER LOSS AND OTHER STATISTICS

1. For Gallons used in the treatment process (line 3), estimate water used in production including filter backwash, pumps, and other utility uses before the point of entry to the distribution system.
2. For Gallons used for other system uses (line 10), report other unmetered water used for system operation and maintenance, water used for non-regulated sewer utility and all other unmetered usage that is known to occur and does not fall into one of the other categories listed under Water Usage.

**WATER LOSS STATISTICS**

Source of Water Supply Statistics - Total Annual Pumpage (000's):	5,582,162	1
Less: Gallons (000's) used in the treatment process:	640,367	2
Subtotal: Gallons (000's) entering distribution system:	<b>4,941,795</b>	3
Less: Gallons (000's) sold:	4,702,395	4
Gallons (000's) entering distribution system but not sold:	<b>239,400</b>	5
Estimated Water Usage:		6
Gallons (000's) used to flush mains:	3,382	7
Gallons (000's) used for fire protection:	185	8
Gallons (000's) used to prevent freezing of distribution system:	3,678	9
Gallons (000's) used for other system uses:		10
Subtotal Estimated Usage:	<b>7,245</b>	11
Estimated Water Losses:		12
Gallons (000's) lost due to main leaks or breaks:	12,650	13
Gallons (000's) lost due to service leaks or breaks:	233	14
Gallons (000's) lost due to hydrant leaks, tank overflows and pressure reducing valves:	257	15
Gallons (000's) for unauthorized usage such as vandalism and theft:		16
Gallons (000's) not accounted for:	<b>219,015</b>	17
Subtotal of Estimated Losses:	<b>232,155</b>	18
Percentage of water entering distribution system sold:	<b>95%</b>	19
Percentage of unaccounted for water:	<b>4%</b>	20
If more than 15%, indicate causes:		21

If more than 15%, state what action has been taken to reduce water loss:

**OTHER STATISTICS**

Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)	23,497	22
Date of maximum: 07/16/2009		23
Cause of maximum: Hot Weather & Includes CBCWA		24
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)	11,114	25
Date of minimum: 11/27/2009		26
Total KWH used by the utility (include pumping, treatment facilities and other utility operations):	9,406,201	27
If water is purchased:		28
Vendor Name:		29
Point of Delivery:		30
What percentage of purchased water is surface water?		31
Number of main breaks repaired this year:	61	32
Number of service breaks repaired this year:	17	33
Population served (estimate the number of individuals served):		34
Inside municipality?	34,670	35
Outside municipality?	75,672	36

## SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
COLLECTING WELL	A	66	156	6,000,000	Yes	1
COLLECTING WELL	C	84	156	8,000,000	Yes	2

## SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
WATER INTAKE-OLD	1	9,000	27	48	1
WATER INTAKE-NEW	2	4,000	20	60	2

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	#4 LOW LIFT	#5 LOW LIFT	#6 LOW LIFT	1
Location	RWPS #1	RWPS #1	RWPS #2	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	LAYNE-BOWLER	LAYNE-BOWLER	FLOW SERVE	5
Year Installed	1991	1991	2007	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	15,000	15,000	19,444	8
Pump Motor or Standby Engine Mfr	GENERAL ELECTRIC	GENERAL ELECTRIC	US MOTORS	9 10
Year Installed	1991	1991	2007	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	300	300	400	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	#7 LOW LIFT	10	11	15
Location	RWPS #2	3 LOLIFT	1 NY RESERVOIR	16
Purpose	P	P X	B	17
Destination	T	T	D	18
Pump Manufacturer	FLOW SERVE	JOHNSTON	DELAVAL	19
Year Installed	2007	1999	1972	20
Type	VERTICAL TURBINE	VERTICAL TURBINE	CENTRIFUGAL	21
Actual Capacity (gpm)	19,444	7,200	1,400	22
Pump Motor or Standby Engine Mfr	US MOTORS	G.E.	G. E.	23 24
Year Installed	2007	1999	1972	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	400	300	100	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	12	13	14	1
Location	2 NY RESERVOIR	4 NY RESERVOIR	A COLLECTOR	2
Purpose	B	B	X S	3
Destination	D	D	D	4
Pump Manufacturer	DELAVAL	DELAVAL	LAYNE BOWLER	5
Year Installed	1970	1970	1945	6
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,800	2,100	2,800	8
Pump Motor or Standby Engine Mfr	G. E.	GE/CATERPILLAR	IDEAL	9 10
Year Installed	1972	1970	1945	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	150	250	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	15	19	20	15
Location	A COLLECTOR	C COLLECTOR	C COLLECTOR	16
Purpose	X S	X S	X S	17
Destination	D	D	D	18
Pump Manufacturer	STERLING	PEERLESS	PEERLESS	19
Year Installed	1945	1994	1994	20
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	21
Actual Capacity (gpm)	1,200	2,800	2,800	22
Pump Motor or Standby Engine Mfr	G. E.	U. S. MOTORS	U. S. MOTORS	23 24
Year Installed	1945	1994	1994	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	125	250	250	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	21	22	23	1
Location	1 SOUTHWEST	2 SOUTHWEST	3 SOUTHWEST	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	PATTERSON	PATTERSON	ALLIS-CHALMERS	5
Year Installed	2003	2003	1987	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	600	800	3,000	8
Pump Motor or Standby Engine Mfr	US MOTORS	US MOTORS	GM-427	9 10
Year Installed	2003	2003	1987	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	40	50	150	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	5	6	7	15
Location	1 HILIFT	2 HILIFT	3 HILIFT	16
Purpose	P X	P X	P X	17
Destination	D	D	D	18
Pump Manufacturer	INGERSOLL DRESSEL	PEERLESS	PEERLESS	19
Year Installed	1999	1999	2002	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	6,500	4,166	5,555	22
Pump Motor or Standby Engine Mfr	US MOTORS	US MOTORS	US MOTORS	23 24
Year Installed	1999	1999	1999	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	500	250	350	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	8	9	FWP-P1	1
Location	1 LOLIFT	2 LOLIFT	FWPS	2
Purpose	P X	P X	P	3
Destination	T	T	D	4
Pump Manufacturer	GOULDS	JOHNSTON	GOULD	5
Year Installed	1999	1999	2007	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	5,000	7,200	2,770	8
Pump Motor or Standby Engine Mfr	GE MOTORS	GE MOTORS	GE MOTORS	9 10
Year Installed	1999	1999	2007	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	300	300	450	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	FWP-P2	FWP-P3	FWP-P4	15
Location	FWPS	FWPS	FWPS	16
Purpose	S	P	S	17
Destination	D	D	D	18
Pump Manufacturer	GOULD PUMP	GOULD PUMP	GOULD PUMP	19
Year Installed	2007	2007	2007	20
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	21
Actual Capacity (gpm)	5,900	5,900	5,900	22
Pump Motor or Standby Engine Mfr	GE MOTORS	GE MOTORS	GE MOTORS	23 24
Year Installed	2007	2007	2007	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	900	900	900	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PERMEATE P-1	PERMEATE P-2	PERMEATE P-3	1
Location	SMF PLANT	SMF PLANT	SMF PLANT	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	FLOWSERVE	FLOWSERVE	FLOWSERVE	5
Year Installed	2007	2007	2007	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	5,280	5,280	5,280	8
Pump Motor or Standby Engine Mfr	US MOTORS	US MOTORS	US MOTORS	9 10
Year Installed	2007	2007	2007	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	100	100	100	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PERMEATE P-4	PERMEATE P-5		15
Location	SMF PLANT	SMF PLANT		16
Purpose	P	P		17
Destination	T	T		18
Pump Manufacturer	FLOWSERVE	FLOWSERVE		19
Year Installed	2007	2007		20
Type	VERTICAL TURBINE	VERTICAL TURBINE		21
Actual Capacity (gpm)	5,280	5,280		22
Pump Motor or Standby Engine Mfr	US MOTORS	US MOTORS		23 24
Year Installed	2007	2007		25
Type	ELECTRIC	ELECTRIC		26
Horsepower	100	100		27
Footnotes				28

## RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	INDUSTRIAL PARK	NEW YORK RESERVOIR/ORTHWEST WATER TOWER		1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	R	ET	3
Year constructed	1995	1970	2009	4
Primary material (earthen, steel, concrete, other)	STEEL	CONCRETE	STEEL	5
Elevation difference in feet (See Headnote 3.)	175	0	147	6
Total capacity in gallons (actual)	1,250,000	5,000,000	1,250,000	7
				8
<b>WATER TREATMENT PLANT</b>				<b>9</b>
Disinfection, type of equipment (gas, liquid, powder, other)	OTHER	GAS	OTHER	10
Points of application (wellhouse, central facilities, booster station, other)	OTHER	BOOSTER STATION	OTHER	11
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	12
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.0000	0.0000	0.0000	13
Is a corrosion control chemical used (yes, no)?	Y	Y	Y	14
Is water fluoridated (yes, no)?	Y	Y	Y	15
Footnotes				16

## RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)
Identification number or name	REED AVENUE		1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>			<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET		3
Year constructed	1938		4
Primary material (earthen, steel, concrete, other)	STEEL		5
Elevation difference in feet (See Headnote 3.)	136		6
Total capacity in gallons (actual)	1,500,000		7
<b>WATER TREATMENT PLANT</b>			<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)	OTHER		9
Points of application (wellhouse, central facilities, booster station, other)	OTHER		10
Filters, type (gravity, pressure, other, none)	NONE		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.0000		12
Is a corrosion control chemical used (yes, no)?	Y		13
Is water fluoridated (yes, no)?	Y		14
Footnotes			15

## WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If the assessments are deferred, explain.

Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	Number of Feet			Adjustments Increase or (Decrease) (g)	End of Year (h)	
			First of Year (d)	Added During Year (e)	Retired During Year (f)			
L	D	0.500	178				178	1
L	D	0.625	20				20	2
M	D	0.750	228				228	3
M	D	1.000	490				490	4
L	D	1.500	508				508	5
M	D	2.000	1,393				1,393	6
M	D	4.000	7,691				7,691	7
M	D	6.000	399,167		1,501		397,666	8
P	D	6.000	25,038	115	55		25,098	9
M	D	8.000	97,001				97,001	10
P	D	8.000	128,021	1,702			129,723	11
M	D	10.000	24,846				24,846	12
P	D	10.000	34				34	13
M	D	12.000	113,139		722		112,417	14
P	D	12.000	74,283	1,452	644		75,091	15
M	T	16.000	50,125	160			50,285	16
P	D	16.000	2,507	3,309			5,816	17
M	T	20.000	24,290				24,290	18
M	T	24.000	17,495				17,495	19
<b>Total Within Municipality</b>			<b>966,454</b>	<b>6,738</b>	<b>2,922</b>	<b>0</b>	<b>970,270</b>	
M	T	24.000	2,500				2,500	20
<b>Total Outside of Municipality</b>			<b>2,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500</b>	
<b>Total Utility</b>			<b>968,954</b>	<b>6,738</b>	<b>2,922</b>	<b>0</b>	<b>972,770</b>	

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## WATER MAINS

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**Water Mains (Page W-19)**

**If Added During Year column total is greater than zero, please explain financing following the criteria listed in the schedule headnote No. 5.**

Watermains within the corporate limits of the City of Manitowoc, Wisconsin are extended in accordance with the requirement of section 144.04 as amended in the Wisconsin State statutes, and according to the rules and regulations filed with the Public Service Commission of Wisconsin, and approved by the Common Council of the said City under section 12.7 of the Municipal Code.

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## WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
  - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.750	1,823				1,823		1
M	0.750	4,575				4,575		2
M	0.750	2,767		8		2,759	*	3
L	1.000	271				271		4
M	1.000	4,585	25	8		4,602	*	5
L	1.250	8				8		6
M	1.500	195	3			198	*	7
M	2.000	206	4			210	*	8
P	4.000	30	1			31	*	9
M	4.000	130		1		129	*	10
P	6.000	58	2			60	*	11
M	6.000	83		1		82	*	12
M	8.000	57				57		13
P	8.000	106	3	1		108	*	14
M	10.000	4				4		15
P	10.000	1				1		16
M	12.000	7				7		17
P	12.000	6	1			7	*	18
<b>Total Utility</b>		<b>14,912</b>	<b>39</b>	<b>19</b>	<b>0</b>	<b>14,932</b>	<b>0</b>	

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## WATER SERVICES

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**Water Services (Page W-20)**

**If net additions are greater than zero, please explain financing by following criteria listed in schedule headnote No. 3.**

Water services are privately owned. Property owner is billed for new services installed and replacement service is charged to Account 675 - Maintenance of Services.

**If Services Additions are greater than zero AND Additions on both of the Plant in Service schedules (Account 345) are zero, please explain.**

Water services are privately owned. Property owner is billed for new services installed and replacement service is charged to Account 675 - Maintenance of Services.

**If Services Retirements are greater than zero AND Retirements on both of the Plant in Service schedules (Account 345) are zero, please explain.**

Water services are privately owned. Property owner is billed for new services installed and replacement service is charged to account 675 - Maintenance of Services.

**If Utility-Owned Service Not In Use at End of Year is reported as zero, please explain.**

Water services are privately owned. Property owner is billed for new services installed and replacement service is charged to Account 675 - Maintenance of Services.

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### METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).
5. Explain all reported adjustments as a schedule footnote.
6. Do not include station meters in the meter inventory used to complete these tables.

**Number of Utility-Owned Meters**

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	5,543	250	306	0	5,487	86	1
0.750	7,570	250	306	1	7,515	113	* 2
1.000	518	0	34	0	484	14	3
1.500	177	0	2	0	175	20	4
2.000	267	1	8	0	260	35	* 5
3.000	87	20	13	(2)	92	27	* 6
4.000	51	6	15	2	44	21	* 7
6.000	42	6	7	(2)	39	22	* 8
8.000	1	1	1	0	1	1	9
48.000	1	0	0	0	1	0	10
<b>Total:</b>	<b>14,257</b>	<b>534</b>	<b>692</b>	<b>(1)</b>	<b>14,098</b>	<b>339</b>	

**Classification of All Meters at End of Year by Customers**

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	5,162	187	9	0	0	129	5,487	1
0.750	6,936	422	26	1	1	129	7,515	* 2
1.000	178	210	28	12	4	52	484	3
1.500	8	95	10	15	0	47	175	4
2.000	2	120	29	23	6	80	260	* 5
3.000	0	12	19	14	1	46	92	* 6
4.000	0	11	9	7	1	16	44	* 7
6.000	0	4	13	0	4	18	39	* 8
8.000	0	0	1	0	0	0	1	9
48.000	0	0	0	0	1	0	1	10
<b>Total:</b>	<b>12,286</b>	<b>1,061</b>	<b>144</b>	<b>72</b>	<b>18</b>	<b>517</b>	<b>14,098</b>	

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## METERS

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### Meters (Page W-21)

#### Explain all reported adjustments.

Adjustments are from meter inventory corrections done at the end of the year.

#### Explain program for replacing or testing meters 1" or smaller.

Meters greater than 1-inch in size are tested pursuant to intervals outlined in PSC 185.76 (1). Meters 1-inch and smaller are replaced pursuant to PSC 185.76 (6), which specifies a meter replacement program that results in each meter being replaced within 20 years of the original date of installation, or 5 percent per year. Twenty-five percent of these meters are selected randomly for testing before being scrapped. In 2009, a total of 500 meters 1-inch and smaller were purchased resulting a calculated replacement percentage of 3.7 percent  $[(250 + 250 + 0)/(5583 + 7798 + 476) = .037]$ . However, fewer meters were purchased in 2009 than were replaced, as stock was carried over to 2009. The actual number of meters 1" and smaller replaced in 2008 was 630, or 4.7 percent  $(630/13457 = 0.047)$ .

#### If 2-inch or greater meters are reported as residential, please explain.

2" Meter - Qty 2 for Residential - Meters serve large homes.

#### Ss. PSC 185.83(2) states "Station meters shall be maintained to ensure reasonable accuracy and shall have the accuracy checked at least once every 2 years." Are all station meters being tested every two years? Answer yes or no. If no, please explain.

The Finished Water Pump Station 48" magnetic flow meter is unable to be removed to be tested. MPU therefore performs a local volumetric test annually. This test was completed in 2008 but not completed in 2009. The test will be completed in the 1st quarter of 2010 and the 4th quarter of 2010, and annually thereafter.

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## HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.  
 a. Fire hydrants normally have a lead size of 6 inches or greater.  
 b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.  
 2. Explain all reported adjustments in the schedule footnotes.  
 3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
<b>Fire Hydrants</b>						
Outside of Municipality	0				0	1
Within Municipality	1,337	16	8		1,345	2
<b>Total Fire Hydrants</b>	<b>1,337</b>	<b>16</b>	<b>8</b>	<b>0</b>	<b>1,345</b>	
<b>Flushing Hydrants</b>						
	3	1			4	3
<b>Total Flushing Hydrants</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	

**NR811.08(5) recommends that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Please provide the number operated during the year.**

Number of hydrants operated during year:	700
Number of distribution system valves end of year:	2,617
Number of distribution valves operated during year:	1,350

**ELECTRIC OPERATING REVENUES & EXPENSES**

Particulars (a)	This Year (b)	Last Year (c)	
<b>Operating Revenues</b>			
<b>Sales of Electricity</b>			
Sales of Electricity (440-448)	50,615,687	58,541,051	1
<b>Total Sales of Electricity</b>	<b>50,615,687</b>	<b>58,541,051</b>	
<b>Other Operating Revenues</b>			
Forfeited Discounts (450 )	91,235	101,617	2
Miscellaneous Service Revenues (451 )	464,262	475,467	3
Sales of Water and Water Power (453 )	0	0	4
Rent from Electric Property (454 )	159,644	154,745	5
Interdepartmental Rents (455 )	0	0	6
Other Electric Revenues (456 )	3,019,532	3,273,191	7
<b>Total Other Operating Revenues</b>	<b>3,734,673</b>	<b>4,005,020</b>	
<b>Total Operating Revenues</b>	<b>54,350,360</b>	<b>62,546,071</b>	
<b>Operation and Maintenance Expenses</b>			
Power Production Expenses (500-557)	32,073,263	37,662,851	8
Transmission Expenses (560-573)	0	0	9
Distribution Expenses (580-598)	1,382,625	1,154,005	10
Customer Accounts Expenses (901-905)	676,017	510,382	11
Customer Service and Information Expenses (906 )	0	0	12
Sales Expenses (911-916)	0	0	13
Administrative and General Expenses (920-932)	3,953,121	3,073,477	14
<b>Total Operation and Maintenance Expenses</b>	<b>38,085,026</b>	<b>42,400,715</b>	
<b>Other Expenses</b>			
Depreciation Expense (403 )	5,567,243	5,607,281	15
Amortization Expense (404-407)	115,000	0	16
Taxes (408 )	3,080,854	3,019,266	17
<b>Total Other Expenses</b>	<b>8,763,097</b>	<b>8,626,547</b>	
<b>Total Operating Expenses</b>	<b>46,848,123</b>	<b>51,027,262</b>	
<b>NET OPERATING INCOME</b>	<b>7,502,237</b>	<b>11,518,809</b>	

## OTHER OPERATING REVENUES (ELECTRIC)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and all other lesser amounts grouped as Miscellaneous.

Particulars (a)	Amount (b)	
<b>Forfeited Discounts (450):</b>		
NONE		1
Customer late payment charges	91,235	2
<b>Other (specify):</b>		
<b>Total Forfeited Discounts (450)</b>	<b>91,235</b>	
<b>Miscellaneous Service Revenues (451):</b>		
ELECTRONIC DATA PROCESSING REVENUE	464,262	3
<b>Total Miscellaneous Service Revenues (451)</b>	<b>464,262</b>	
<b>Sales of Water and Water Power (453):</b>		
NONE		4
<b>Total Sales of Water and Water Power (453)</b>	<b>0</b>	
<b>Rent from Electric Property (454):</b>		
POLE CONTACT RENTAL FEES	159,644	5
<b>Total Rent from Electric Property (454)</b>	<b>159,644</b>	
<b>Interdepartmental Rents (455):</b>		
NONE		6
<b>Total Interdepartmental Rents (455)</b>	<b>0</b>	
<b>Other Electric Revenues (456):</b>		
STATE OF WISCONSIN-SALES TAX ALLOWANCE	4,847	7
CUSTOMER DIVIDEND-RESCO	907	8
STEAM FUND-STEAM & HOT WATER SALES LESS DISTRICT HEATING COST	3,013,778	9
<b>Total Other Electric Revenues (456)</b>	<b>3,019,532</b>	

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## OTHER OPERATING REVENUES (ELECTRIC)

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### Other Operating Revenues (Electric) (Page E-02)

#### General footnotes

Other electric revenues-Steam & Hot water sales - Account 456 amount is less Steam Expense - accounts (695-698) and accounts (802-812) = \$14,159.

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## ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>POWER PRODUCTION EXPENSES</b>			
<b>STEAM POWER GENERATION EXPENSES</b>			
Operation Supervision and Engineering (500)	117,247	99,862	* 1
Fuel (501)	10,044,164	16,688,715	* 2
Steam Expenses (502)	701,658	762,546	3
Steam from Other Sources (503)	0	0	4
Steam Transferred -- Credit (504)	0	0	5
Electric Expenses (505)	572,456	631,227	6
Miscellaneous Steam Power Expenses (506)	587,440	431,902	* 7
Rents (507)	0	0	8
Maintenance Supervision and Engineering (510)	164,480	200,966	* 9
Maintenance of Structures (511)	95,569	113,197	* 10
Maintenance of Boiler Plant (512)	1,656,190	1,915,170	11
Maintenance of Electric Plant (513)	358,131	265,093	* 12
Maintenance of Miscellaneous Steam Plant (514)	214,030	375,260	* 13
<b>Total Steam Power Generation Expenses</b>	<b>14,511,365</b>	<b>21,483,938</b>	
<b>HYDRAULIC POWER GENERATION EXPENSES</b>			
Operation Supervision and Engineering (535)	0	0	14
Water for Power (536)	0	0	15
Hydraulic Expenses (537)	0	0	16
Electric Expenses (538)	0	0	17
Miscellaneous Hydraulic Power Generation Expenses (539)	0	0	18
Rents (540)	0	0	19
Maintenance Supervision and Engineering (541)	0	0	20
Maintenance of Structures (542)	0	0	21
Maintenance of Reservoirs, Dams and Waterways (543)	0	0	22
Maintenance of Electric Plant (544)	0	0	23
Maintenance of Miscellaneous Hydraulic Plant (545)	0	0	24
<b>Total Hydraulic Power Generation Expenses</b>	<b>0</b>	<b>0</b>	
<b>OTHER POWER GENERATION EXPENSES</b>			
Operation Supervision and Engineering (546)	1,737	685	25
Fuel (547)	9,609	20,282	* 26
Generation Expenses (548)	64,673	68,774	27
Miscellaneous Other Power Generation Expenses (549)	953	942	28
Rents (550)	0	0	29
Maintenance Supervision and Engineering (551)	0	0	30
Maintenance of Structures (552)	188	2,271	31
Maintenance of Generating and Electric Plant (553)	(60,659)	(97,029)	* 32

## ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>POWER PRODUCTION EXPENSES</b>			
<b>OTHER POWER GENERATION EXPENSES</b>			
Maintenance of Miscellaneous Other Power Generating Plant (554)	201,601	126,211	* 33
<b>Total Other Power Generation Expenses</b>	<b>218,102</b>	<b>122,136</b>	
<b>OTHER POWER SUPPLY EXPENSES</b>			
Purchased Power (555)	17,101,338	15,955,708	34
System Control and Load Dispatching (556)	0	0	35
Other Expenses (557)	242,458	101,069	* 36
<b>Total Other Power Supply Expenses</b>	<b>17,343,796</b>	<b>16,056,777</b>	
<b>Total Power Production Expenses</b>	<b>32,073,263</b>	<b>37,662,851</b>	
<b>TRANSMISSION EXPENSES</b>			
Operation Supervision and Engineering (560)	0	0	37
Load Dispatching (561)	0	0	38
Station Expenses (562)	0	0	39
Overhead Line Expenses (563)	0	0	40
Underground Line Expenses (564)	0	0	41
Miscellaneous Transmission Expenses (566)	0	0	42
Rents (567)	0	0	43
Maintenance Supervision and Engineering (568)	0	0	44
Maintenance of Structures (569)	0	0	45
Maintenance of Station Equipment (570)	0	0	46
Maintenance of Overhead Lines (571)	0	0	47
Maintenance of Underground Lines (572)	0	0	48
Maintenance of Miscellaneous Transmission Plant (573)	0	0	49
<b>Total Transmission Expenses</b>	<b>0</b>	<b>0</b>	
<b>DISTRIBUTION EXPENSES</b>			
Operation Supervision and Engineering (580)	106,569	99,744	50
Load Dispatching (581)	0	0	51
Station Expenses (582)	21,655	35,337	* 52
Overhead Line Expenses (583)	46,581	62,819	* 53
Underground Line Expenses (584)	45,925	52,213	54
Street Lighting and Signal System Expenses (585)	71,086	65,949	55
Meter Expenses (586)	99,997	89,335	56
Customer Installations Expenses (587)	0	0	57
Miscellaneous Distribution Expenses (588)	323,127	277,985	* 58
Rents (589)	0	0	59
Maintenance Supervision and Engineering (590)	95,519	91,631	60
Maintenance of Structures (591)	34,986	43,503	61
Maintenance of Station Equipment (592)	322,356	5,130	* 62
Maintenance of Overhead Lines (593)	113,944	221,461	* 63

## ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>DISTRIBUTION EXPENSES</b>			
Maintenance of Underground Lines (594)	48,706	9,712	* 64
Maintenance of Line Transformers (595)	7,800	15,073	65
Maintenance of Street Lighting and Signal Systems (596)	39,872	58,335	* 66
Maintenance of Meters (597)	250	0	67
Maintenance of Miscellaneous Distribution Plant (598)	4,252	25,778	* 68
<b>Total Distribution Expenses</b>	<b>1,382,625</b>	<b>1,154,005</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>			
Supervision (901)	24,099	24,157	69
Meter Reading Expenses (902)	104,894	114,550	70
Customer Records and Collection Expenses (903)	243,207	222,286	71
Uncollectible Accounts (904)	223,195	40,725	* 72
Miscellaneous Customer Accounts Expenses (905)	80,622	108,664	* 73
Customer Service and Information Expenses (906)	0	0	74
<b>Total Customer Accounts Expenses</b>	<b>676,017</b>	<b>510,382</b>	
<b>SALES EXPENSES</b>			
Supervision (911)	0	0	75
Demonstrating and Selling Expenses (912)	0	0	76
Advertising Expenses (913)	0	0	77
Miscellaneous Sales Expenses (916)	0	0	78
<b>Total Sales Expenses</b>	<b>0</b>	<b>0</b>	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>			
Administrative and General Salaries (920)	1,260,418	1,393,179	79
Office Supplies and Expenses (921)	159,042	198,508	* 80
Administrative Expenses Transferred -- Credit (922)	236,109	294,590	* 81
Outside Services Employed (923)	430,524	162,858	* 82
Property Insurance (924)	301,832	307,886	83
Injuries and Damages (925)	239,020	196,868	* 84
Employee Pensions and Benefits (926)	1,620,720	963,601	* 85
Regulatory Commission Expenses (928)	0	0	86
Duplicate Charges -- Credit (929)	0	0	87
Miscellaneous General Expenses (930)	103,360	68,828	* 88
Rents (931)	0	0	89
Maintenance of General Plant (932)	74,314	76,339	90
<b>Total Administrative and General Expenses</b>	<b>3,953,121</b>	<b>3,073,477</b>	
<b>Total Operation and Maintenance Expenses</b>	<b>38,085,026</b>	<b>42,400,715</b>	

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## ELECTRIC OPERATION & MAINTENANCE EXPENSES

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### Electric Operation & Maintenance Expenses (Page E-03)

#### General footnotes

Other Electric Revenue-Steam & Hot Water Sales-Account 456 amount is less Steam Expense-Account (695-698) and Accounts (802-812) = \$14,159.

For values that represent an increase or a decrease when compared to the previous year of greater than 15%, but not less \$10,000, please explain.

- Account 500 - Greater allocation of labor to this account
  - Account 501 - Decreased fuel use
  - Account 506 - Higher allocation of labor
  - Account 510 - 2008 includes outside trip study consulting costs
  - Account 511 - Decreased maintenance
  - Account 513 - Increased parts & labor costs
  - Account 514 - Decreased maintenance expense
  - Account 547 - Decreased fuel expense
  - Account 553 - Refund of prior costs - less than 2008
  - Account 554 - Diesel #1 repairs
  - Account 557 - Change in billing procedures for power supply salaries
  - Account 582 - Increased cost reimbursement
  - Account 583 - Decreased labor mix
  - Account 588 - Increased labor mix
  - Account 592 - Repair NE Substation
  - Account 593 - Decreased contracted labor
  - Account 594 - Increased contracted labor
  - Account 596 - Decreased labor mix
  - Account 598 - Server repairs in 2008
  - Account 904 - Increased write-offs
  - Account 905 - Decreased EDP costs
  - Account 921 - Higher concentration of labor in 2008
  - Account 922 - Decreased expenses-revised allocation percent with water
  - Account 923 - Increased legal fees
  - Account 925 - Timing of premium dividends
  - Account 926 - Health insurance refunds received in 2008
  - Account 930 - Revised allocation percent
-

**TAXES (ACCT. 408 - ELECTRIC)**

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	This Year (c)	Last Year (d)	
Property Tax Equivalent		2,727,929	2,688,644	1
Social Security		290,055	261,541	2
Wisconsin Gross Receipts Tax		8,285	18,255	3
PSC Remainder Assessment		54,585	50,826	4
Other (specify): NONE				5
<b>Total tax expense</b>		<b>3,080,854</b>	<b>3,019,266</b>	

## PROPERTY TAX EQUIVALENT (ELECTRIC)

1. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
2. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
3. The utility plant balance first of year should include the gross book values of plant in service (total of utility financed and contributed plant), property held for future use and construction work in progress.
4. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
5. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
6. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Manitowoc				1
<b>SUMMARY OF TAX RATES</b>							<b>2</b>
State tax rate	mills		0.177300				3
County tax rate	mills		5.376800				4
Local tax rate	mills		6.756900				5
School tax rate	mills		7.864100				6
Voc. school tax rate	mills		1.557700				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
<b>Total tax rate</b>	mills		<b>21.732800</b>				<b>10</b>
Less: state credit	mills		1.243900				11
<b>Net tax rate</b>	mills		<b>20.488900</b>				<b>12</b>
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							<b>13</b>
<b>Local Tax Rate</b>	mills		<b>6.756900</b>				<b>14</b>
<b>Combined School Tax Rate</b>	mills		<b>9.421800</b>				<b>15</b>
<b>Other Tax Rate - Local</b>	mills		<b>0.000000</b>				<b>16</b>
<b>Total Local &amp; School Tax</b>	mills		<b>16.178700</b>				<b>17</b>
<b>Total Tax Rate</b>	mills		<b>21.732800</b>				<b>18</b>
<b>Ratio of Local and School Tax to Total</b>	dec.		<b>0.744437</b>				<b>19</b>
<b>Total tax net of state credit</b>	mills		<b>20.488900</b>				<b>20</b>
<b>Net Local and School Tax Rate</b>	mills		<b>15.252695</b>				<b>21</b>
Utility Plant, Jan. 1	\$	181,470,056	181,470,056				22
Materials & Supplies	\$	5,664,364	5,664,364				23
<b>Subtotal</b>	\$	<b>187,134,420</b>	<b>187,134,420</b>				<b>24</b>
Less: Plant Outside Limits	\$	140,725	140,725				25
<b>Taxable Assets</b>	\$	<b>186,993,695</b>	<b>186,993,695</b>				<b>26</b>
Assessment Ratio	dec.		0.956444				27
<b>Assessed Value</b>	\$	<b>178,848,998</b>	<b>178,848,998</b>				<b>28</b>
<b>Net Local &amp; School Rate</b>	mills		<b>15.252695</b>				<b>29</b>
<b>Tax Equiv. Computed for Current Year</b>	\$	<b>2,727,929</b>	<b>2,727,929</b>				<b>30</b>
Tax Equivalent per 1994 PSC Report	\$	1,456,295					31
Any lower tax equivalent as authorized by municipality (see note 5)	\$						32 33
<b>Tax equiv. for current year (see note 5)</b>	\$	<b>2,727,929</b>					<b>34</b>
Footnotes			*				35

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## PROPERTY TAX EQUIVALENT (ELECTRIC)

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**Property Tax Equivalent (Electric) (Page E-05)**

**If Materials and Supplies Total for this schedule does not match the Electric utility Prior Year amount on the Materials and Supplies schedule, please explain.**

The difference is one dolloar due to rounding.

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## ELECTRIC UTILITY PLANT IN SERVICE

### --Plant Financed by Utility or Municipality--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>STEAM PRODUCTION PLANT</b>						
Land and Land Rights (310)	664,553				664,553	4
Structures and Improvements (311)	12,229,014	251,358	18,840		12,461,532	* 5
Boiler Plant Equipment (312)	94,975,998	291,864	20,000		95,247,862	* 6
Engines and Engine Driven Generators (313)	0				0	7
Turbogenerator Units (314)	14,847,581				14,847,581	8
Accessory Electric Equipment (315)	9,784,617		10,000		9,774,617	9
Miscellaneous Power Plant Equipment (316)	295,921				295,921	10
<b>Total Steam Production Plant</b>	<b>132,797,684</b>	<b>543,222</b>	<b>48,840</b>	<b>0</b>	<b>133,292,066</b>	
<b>HYDRAULIC PRODUCTION PLANT</b>						
Land and Land Rights (330)	0				0	11
Structures and Improvements (331)	0				0	12
Reservoirs, Dams and Waterways (332)	0				0	13
Water Wheels, Turbines and Generators (333)	0				0	14
Accessory Electric Equipment (334)	0				0	15
Miscellaneous Power Plant Equipment (335)	0				0	16
Roads, Railroads and Bridges (336)	0				0	17
<b>Total Hydraulic Production Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>OTHER PRODUCTION PLANT</b>						
Land and Land Rights (340)	283,027				283,027	18
Structures and Improvements (341)	555,071		176,451		378,620	* 19
Fuel Holders, Producers and Accessories (342)	951,524				951,524	20
Prime Movers (343)	9,386,400		2,297,322		7,089,078	* 21
Generators (344)	1,323,791		327,900		995,891	* 22
Accessory Electric Equipment (345)	1,097,020		250,776		846,244	* 23
Miscellaneous Power Plant Equipment (346)	0				0	24
<b>Total Other Production Plant</b>	<b>13,596,833</b>	<b>0</b>	<b>3,052,449</b>	<b>0</b>	<b>10,544,384</b>	
<b>TRANSMISSION PLANT</b>						
Land and Land Rights (350)	0				0	25
Structures and Improvements (352)	0				0	26
Station Equipment (353)	0				0	27
Towers and Fixtures (354)	0				0	28

## ELECTRIC UTILITY PLANT IN SERVICE

### --Plant Financed by Utility or Municipality--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION PLANT</b>						
Poles and Fixtures (355)	0				0	29
Overhead Conductors and Devices (356)	0				0	30
Underground Conduit (357)	0				0	31
Underground Conductors and Devices (358)	0				0	32
Roads and Trails (359)	0				0	33
<b>Total Transmission Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>DISTRIBUTION PLANT</b>						
Land and Land Rights (360)	134,732				134,732	34
Structures and Improvements (361)	1,496,666				1,496,666	35
Station Equipment (362)	4,098,152		1,290		4,096,862	36
Storage Battery Equipment (363)	30,978				30,978	37
Poles, Towers and Fixtures (364)	1,576,603	17,811	13,088		1,581,326	38
Overhead Conductors and Devices (365)	3,314,457	24,592	20,395		3,318,654	39
Underground Conduit (366)	1,140,870	78,402	11,615		1,207,657	40
Underground Conductors and Devices (367)	2,984,995	32,830	47,834		2,969,991	41
Line Transformers (368)	4,933,027	241,923	121,471		5,053,479	* 42
Services (369)	1,669,809	17,348	7,885		1,679,272	43
Meters (370)	1,517,939	21,291	21,419		1,517,811	44
Installations on Customers' Premises (371)	336,503	6,486	9,821		333,168	45
Leased Property on Customers' Premises (372)	0				0	46
Street Lighting and Signal Systems (373)	1,983,131	12,001	11,654		1,983,478	47
<b>Total Distribution Plant</b>	<b>25,217,862</b>	<b>452,684</b>	<b>266,472</b>	<b>0</b>	<b>25,404,074</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	216,411				216,411	48
Structures and Improvements (390)	981,663				981,663	49
Office Furniture and Equipment (391)	492,992				492,992	50
Computer Equipment (391.1)	131,102	104,245			235,347	* 51
Transportation Equipment (392)	1,107,544				1,107,544	52
Stores Equipment (393)	60,852				60,852	53
Tools, Shop and Garage Equipment (394)	370,046	3,092			373,138	54
Laboratory Equipment (395)	5,465	41,712			47,177	55
Power Operated Equipment (396)	358,523	162,500	84,720		436,303	* 56
Communication Equipment (397)	100,716				100,716	57
SCADA Equipment (397.1)	125,406				125,406	58
Miscellaneous Equipment (398)	0				0	59
Other Tangible Property (399)	540,801				540,801	60
<b>Total General Plant</b>	<b>4,491,521</b>	<b>311,549</b>	<b>84,720</b>	<b>0</b>	<b>4,718,350</b>	
<b>Total utility plant in service directly assignable</b>	<b>176,103,900</b>	<b>1,307,455</b>	<b>3,452,481</b>	<b>0</b>	<b>173,958,874</b>	

**ELECTRIC UTILITY PLANT IN SERVICE**  
**--Plant Financed by Utility or Municipality--**

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
Common Utility Plant Allocated to Electric Department (300)	0				0	61
<b>Total utility plant in service</b>	<b>176,103,900</b>	<b>1,307,455</b>	<b>3,452,481</b>	<b>0</b>	<b>173,958,874</b>	

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**ELECTRIC UTILITY PLANT IN SERVICE**  
**--Plant Financed by Utility or Municipality--**

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**Electric Utility Plant in Service --Plant Financed by Utility or Municipality-- (Page E-06)**

**If Additions for any Accounts exceed \$100,000, please explain.**

Account 311 - Replace Boiler 8 and turbine roofs, increase pet coke storage area and pave power plant area.

Account 312 - System to remove fugitive dust from coal crusher house.

Account 368 - Numerous additions

Account 391.1 - CEM DAHS computers & copiers

Account 396 - Power Plant end loader.

**If Retirements for any Accounts exceed \$100,000, please explain.**

Account 341 - Retirement of Diesel #1

Account 343 - Retirement of Diesel #1

Account 344 - Retirement of Diesel #1

Account 345 - Retirement of Diesel #1

Account 368 - Numerous retirements

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## ELECTRIC UTILITY PLANT IN SERVICE --Plant Financed by Contributions--

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4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>STEAM PRODUCTION PLANT</b>						
Land and Land Rights (310)	0				0	4
Structures and Improvements (311)	0				0	5
Boiler Plant Equipment (312)	0				0	6
Engines and Engine Driven Generators (313)	0				0	7
Turbogenerator Units (314)	0				0	8
Accessory Electric Equipment (315)	0				0	9
Miscellaneous Power Plant Equipment (316)	0				0	10
<b>Total Steam Production Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>HYDRAULIC PRODUCTION PLANT</b>						
Land and Land Rights (330)	0				0	11
Structures and Improvements (331)	0				0	12
Reservoirs, Dams and Waterways (332)	0				0	13
Water Wheels, Turbines and Generators (333)	0				0	14
Accessory Electric Equipment (334)	0				0	15
Miscellaneous Power Plant Equipment (335)	0				0	16
Roads, Railroads and Bridges (336)	0				0	17
<b>Total Hydraulic Production Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>OTHER PRODUCTION PLANT</b>						
Land and Land Rights (340)	0				0	18
Structures and Improvements (341)	0				0	19
Fuel Holders, Producers and Accessories (342)	0				0	20
Prime Movers (343)	0				0	21
Generators (344)	0				0	22
Accessory Electric Equipment (345)	0				0	23
Miscellaneous Power Plant Equipment (346)	0				0	24
<b>Total Other Production Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TRANSMISSION PLANT</b>						
Land and Land Rights (350)	0				0	25
Structures and Improvements (352)	0				0	26
Station Equipment (353)	0				0	27
Towers and Fixtures (354)	0				0	28

## ELECTRIC UTILITY PLANT IN SERVICE --Plant Financed by Contributions--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION PLANT</b>						
Poles and Fixtures (355)	0				0	29
Overhead Conductors and Devices (356)	0				0	30
Underground Conduit (357)	0				0	31
Underground Conductors and Devices (358)	0				0	32
Roads and Trails (359)	0				0	33
<b>Total Transmission Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>DISTRIBUTION PLANT</b>						
Land and Land Rights (360)	0				0	34
Structures and Improvements (361)	0				0	35
Station Equipment (362)	0				0	36
Storage Battery Equipment (363)	0				0	37
Poles, Towers and Fixtures (364)	1,696,052	44,805			1,740,857	38
Overhead Conductors and Devices (365)	1,206,889	41,033			1,247,922	39
Underground Conduit (366)	402,967	22,683			425,650	40
Underground Conductors and Devices (367)	652,370	41,489			693,859	41
Line Transformers (368)	99,643				99,643	42
Services (369)	103,550	17,949			121,499	43
Meters (370)	5,880				5,880	44
Installations on Customers' Premises (371)	0	213			213	45
Leased Property on Customers' Premises (372)	0				0	46
Street Lighting and Signal Systems (373)	572,495	2,894			575,389	47
<b>Total Distribution Plant</b>	<b>4,739,846</b>	<b>171,066</b>	<b>0</b>	<b>0</b>	<b>4,910,912</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	0				0	48
Structures and Improvements (390)	0				0	49
Office Furniture and Equipment (391)	0				0	50
Computer Equipment (391.1)	0				0	51
Transportation Equipment (392)	0				0	52
Stores Equipment (393)	0				0	53
Tools, Shop and Garage Equipment (394)	0				0	54
Laboratory Equipment (395)	0				0	55
Power Operated Equipment (396)	0				0	56
Communication Equipment (397)	0				0	57
SCADA Equipment (397.1)	0				0	58
Miscellaneous Equipment (398)	0				0	59

## ELECTRIC UTILITY PLANT IN SERVICE --Plant Financed by Contributions--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>GENERAL PLANT</b>						
Other Tangible Property (399)	0				0	60
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total utility plant in service directly assignable</b>	<b>4,739,846</b>	<b>171,066</b>	<b>0</b>	<b>0</b>	<b>4,910,912</b>	
Common Utility Plant Allocated to Electric Department (300)	0				0	61
<b>Total utility plant in service</b>	<b>4,739,846</b>	<b>171,066</b>	<b>0</b>	<b>0</b>	<b>4,910,912</b>	

## ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

### --Plant Financed by Utility or Municipality--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>STEAM PRODUCTION PLANT</b>				
Structures and Improvements (311)	1,803,079	2.08%	256,781	1
Boiler Plant Equipment (312)	25,553,291	3.33%	3,167,227	2
Engines and Engine Driven Generators (313)	0	0.00%		3
Turbogenerator Units (314)	5,575,748	2.97%	440,973	4
Accessory Electric Equipment (315)	1,959,831	2.63%	257,204	5
Miscellaneous Power Plant Equipment (316)	164,853	3.13%	9,262	6
<b>Total Steam Production Plant</b>	<b>35,056,802</b>		<b>4,131,447</b>	
<b>HYDRAULIC PRODUCTION PLANT</b>				
Structures and Improvements (331)	0	0.00%		7
Reservoirs, Dams and Waterways (332)	0	0.00%		8
Water Wheels, Turbines and Generators (333)	0	0.00%		9
Accessory Electric Equipment (334)	0	0.00%		10
Miscellaneous Power Plant Equipment (335)	0	0.00%		11
Roads, Railroads and Bridges (336)	0	0.00%		12
<b>Total Hydraulic Production Plant</b>	<b>0</b>		<b>0</b>	
<b>OTHER PRODUCTION PLANT</b>				
Structures and Improvements (341)	355,663	3.57%	16,667 *	13
Fuel Holders, Producers and Accessories (342)	408,741	3.57%	33,970	14
Prime Movers (343)	5,153,918	3.57%	294,088 *	15
Generators (344)	753,920	3.57%	41,407 *	16
Accessory Electric Equipment (345)	494,600	3.57%	34,687 *	17
Miscellaneous Power Plant Equipment (346)	0	0.00%		18
<b>Total Other Production Plant</b>	<b>7,166,842</b>		<b>420,819</b>	
<b>TRANSMISSION PLANT</b>				
Structures and Improvements (352)	0	0.00%		19
Station Equipment (353)	0	0.00%		20
Towers and Fixtures (354)	0	0.00%		21
Poles and Fixtures (355)	0	0.00%		22
Overhead Conductors and Devices (356)	0	0.00%		23
Underground Conduit (357)	0	0.00%		24
Underground Conductors and Devices (358)	0	0.00%		25
Roads and Trails (359)	0	0.00%		26
<b>Total Transmission Plant</b>	<b>0</b>		<b>0</b>	
<b>DISTRIBUTION PLANT</b>				
Structures and Improvements (361)	156,386	3.00%	44,900	27
Station Equipment (362)	2,488,780	4.17%	170,866	28
Storage Battery Equipment (363)	12,849	5.00%	1,549	29

**ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)**  
**--Plant Financed by Utility or Municipality--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311	18,840	55,148			1,985,872	1
312	20,000	1,900	3,960		28,702,578	2
313					0	3
314					6,016,721	4
315	10,000				2,207,035	5
316					174,115	6
	<b>48,840</b>	<b>57,048</b>	<b>3,960</b>	<b>0</b>	<b>39,086,321</b>	
331					0	7
332					0	8
333					0	9
334					0	10
335					0	11
336					0	12
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
341	176,451			26,348	222,227	* 13
342					442,711	14
343	2,297,322			406,657	3,557,341	* 15
344	327,900			49,488	516,915	* 16
345	250,776			92,506	371,017	* 17
346					0	18
	<b>3,052,449</b>	<b>0</b>	<b>0</b>	<b>574,999</b>	<b>5,110,211</b>	
352					0	19
353					0	20
354					0	21
355					0	22
356					0	23
357					0	24
358					0	25
359					0	26
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
361					201,286	27
362	1,290		419		2,658,775	28
363					14,398	29

## ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

### --Plant Financed by Utility or Municipality--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>DISTRIBUTION PLANT</b>				
Poles, Towers and Fixtures (364)	790,294	3.67%	57,948	30
Overhead Conductors and Devices (365)	1,081,757	3.60%	119,395	31
Underground Conduit (366)	214,722	2.00%	23,410	32
Underground Conductors and Devices (367)	866,564	2.97%	87,981	33
Line Transformers (368)	2,206,723	3.00%	149,797	34
Services (369)	1,091,842	4.63%	77,531	35
Meters (370)	875,150	3.60%	54,644	36
Installations on Customers' Premises (371)	310,397	6.92%	22,473	37
Leased Property on Customers' Premises (372)	0	0.00%		38
Street Lighting and Signal Systems (373)	981,067	3.91%	77,547	39
<b>Total Distribution Plant</b>	<b>11,076,531</b>		<b>888,041</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	627,622	2.38%	23,364	40
Office Furniture and Equipment (391)	211,555	6.70%	33,032	41
Computer Equipment (391.1)	59,036	33.33%	34,671	42
Transportation Equipment (392)	944,681	15.00%	64,055	43
Stores Equipment (393)	25,493	6.70%	4,078	44
Tools, Shop and Garage Equipment (394)	149,906	6.70%	24,793	45
Laboratory Equipment (395)	2,094	6.70%	367	46
Power Operated Equipment (396)	285,534	12.50%	32,202	47
Communication Equipment (397)	85,269	20.00%	5,289	48
SCADA Equipment (397.1)	87,784	20.00%	12,541	49
Miscellaneous Equipment (398)	0	0.00%		50
<b>Total General Plant</b>	<b>2,478,974</b>		<b>234,392</b>	
<b>Total accum. prov. directly assignable</b>	<b>55,779,149</b>		<b>5,674,699</b>	
Common Utility Plant Allocated to Electric Department	0	0.00%		51
<b>Total accum. prov. for depreciation</b>	<b>55,779,149</b>		<b>5,674,699</b>	
<b>GENERAL PLANT</b>				
Other Tangible Property (399)	148,284	3.33%	18,009	52
<b>Total General Plant</b>	<b>148,284</b>		<b>18,009</b>	
<b>Total accum. prov. directly assignable</b>	<b>55,927,433</b>		<b>5,692,708</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)**  
**--Plant Financed by Utility or Municipality--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
364	13,088	8,076	5,975		833,053	30
365	20,395	10,833	6,306		1,176,230	31
366	11,615	446			226,071	32
367	47,834	2,468	1,690		905,933	33
368	121,471		47,585		2,282,634	34
369	7,885	3,047	214		1,158,655	35
370	21,419	1,292	871		907,954	36
371	9,821	1,507	4,911		326,453	37
372					0	38
373	11,654	3,794	2,263		1,045,429	39
	<b>266,472</b>	<b>31,463</b>	<b>70,234</b>	<b>0</b>	<b>11,736,871</b>	
390					650,986	40
391					244,587	41
391.1					93,707	42
392					1,008,736	43
393					29,571	44
394					174,699	45
395					2,461	46
396	84,720		36,000		269,016	47
397					90,558	48
397.1					100,325	49
398					0	50
	<b>84,720</b>	<b>0</b>	<b>36,000</b>	<b>0</b>	<b>2,664,646</b>	
	<b>3,452,481</b>	<b>88,511</b>	<b>110,194</b>	<b>574,999</b>	<b>58,598,049</b>	
					0	51
	<b>3,452,481</b>	<b>88,511</b>	<b>110,194</b>	<b>574,999</b>	<b>58,598,049</b>	
399					166,293	52
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166,293</b>	
	<b>3,452,481</b>	<b>88,511</b>	<b>110,194</b>	<b>574,999</b>	<b>58,764,342</b>	

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**ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC**  
**--Plant Financed by Utility or Municipality--**

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Accumulated Provision for Depreciation - Electric --Plant Financed by Utility or Municipality-- (Page E-09)

If Adjustments for any account are nonzero, please explain.

Account 341 - Record Deferred Debit per PSC for Diesel #1 early Retirement  
Account 343 - Record Deferred Debit per PSC for Diesel #1 early Retirement  
Account 344 - Record Deferred Debit per PSC for Diesel #1 early Retirement  
Account 345 - Record Deferred Debit per PSC for Diesel #1 early Retirement

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**ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)**  
**--Plant Financed by Utility or Municipality--**

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## ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC --Plant Financed by Contributions--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)
<b>STEAM PRODUCTION PLANT</b>			
Structures and Improvements (311)	0	0.00%	1
Boiler Plant Equipment (312)	0	0.00%	2
Engines and Engine Driven Generators (313)	0	0.00%	3
Turbogenerator Units (314)	0	0.00%	4
Accessory Electric Equipment (315)	0	0.00%	5
Miscellaneous Power Plant Equipment (316)	0	0.00%	6
<b>Total Steam Production Plant</b>	<b>0</b>		<b>0</b>
<b>HYDRAULIC PRODUCTION PLANT</b>			
Structures and Improvements (331)	0	0.00%	7
Reservoirs, Dams and Waterways (332)	0	0.00%	8
Water Wheels, Turbines and Generators (333)	0	0.00%	9
Accessory Electric Equipment (334)	0	0.00%	10
Miscellaneous Power Plant Equipment (335)	0	0.00%	11
Roads, Railroads and Bridges (336)	0	0.00%	12
<b>Total Hydraulic Production Plant</b>	<b>0</b>		<b>0</b>
<b>OTHER PRODUCTION PLANT</b>			
Structures and Improvements (341)	0	0.00%	13
Fuel Holders, Producers and Accessories (342)	0	0.00%	14
Prime Movers (343)	0	0.00%	15
Generators (344)	0	0.00%	16
Accessory Electric Equipment (345)	0	0.00%	17
Miscellaneous Power Plant Equipment (346)	0	0.00%	18
<b>Total Other Production Plant</b>	<b>0</b>		<b>0</b>
<b>TRANSMISSION PLANT</b>			
Structures and Improvements (352)	0	0.00%	19
Station Equipment (353)	0	0.00%	20
Towers and Fixtures (354)	0	0.00%	21
Poles and Fixtures (355)	0	0.00%	22
Overhead Conductors and Devices (356)	0	0.00%	23
Underground Conduit (357)	0	0.00%	24
Underground Conductors and Devices (358)	0	0.00%	25
Roads and Trails (359)	0	0.00%	26
<b>Total Transmission Plant</b>	<b>0</b>		<b>0</b>
<b>DISTRIBUTION PLANT</b>			
Structures and Improvements (361)	0	0.00%	27
Station Equipment (362)	0	0.00%	28
Storage Battery Equipment (363)	0	0.00%	29

**ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)**  
**--Plant Financed by Contributions--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					0	3
314					0	4
315					0	5
316					0	6
	0	0	0	0	0	
331					0	7
332					0	8
333					0	9
334					0	10
335					0	11
336					0	12
	0	0	0	0	0	
341					0	13
342					0	14
343					0	15
344					0	16
345					0	17
346					0	18
	0	0	0	0	0	
352					0	19
353					0	20
354					0	21
355					0	22
356					0	23
357					0	24
358					0	25
359					0	26
	0	0	0	0	0	
361					0	27
362					0	28
363					0	29

## ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

### --Plant Financed by Contributions--

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>DISTRIBUTION PLANT</b>				
Poles, Towers and Fixtures (364)	849,653	3.67%	63,067	30
Overhead Conductors and Devices (365)	590,653	3.60%	44,187	31
Underground Conduit (366)	20,134	2.00%	8,287	32
Underground Conductors and Devices (367)	68,935	2.97%	19,991	33
Line Transformers (368)	6,605	3.00%	2,989	34
Services (369)	12,726	4.63%	5,210	35
Meters (370)	397	3.60%	212	36
Installations on Customers' Premises (371)	0	6.92%	7	37
Leased Property on Customers' Premises (372)	0	0.00%		38
Street Lighting and Signal Systems (373)	73,464	3.91%	22,441	39
<b>Total Distribution Plant</b>	<b>1,622,567</b>		<b>166,391</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	0	0.00%		40
Office Furniture and Equipment (391)	0	0.00%		41
Computer Equipment (391.1)	0	0.00%		42
Transportation Equipment (392)	0	0.00%		43
Stores Equipment (393)	0	0.00%		44
Tools, Shop and Garage Equipment (394)	0	0.00%		45
Laboratory Equipment (395)	0	0.00%		46
Power Operated Equipment (396)	0	0.00%		47
Communication Equipment (397)	0	0.00%		48
SCADA Equipment (397.1)	0	0.00%		49
Miscellaneous Equipment (398)	0	0.00%		50
<b>Total General Plant</b>	<b>0</b>		<b>0</b>	
<b>Total accum. prov. directly assignable</b>	<b>1,622,567</b>		<b>166,391</b>	
Common Utility Plant Allocated to Electric Department	0	0.00%		51
<b>Total accum. prov. for depreciation</b>	<b>1,622,567</b>		<b>166,391</b>	
<b>GENERAL PLANT</b>				
Other Tangible Property (399)	0	0.00%		52
<b>Total General Plant</b>	<b>0</b>		<b>0</b>	
<b>Total accum. prov. directly assignable</b>	<b>1,622,567</b>		<b>166,391</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)**  
**--Plant Financed by Contributions--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
364					912,720	30
365					634,840	31
366					28,421	32
367					88,926	33
368					9,594	34
369					17,936	35
370					609	36
371					7	37
372					0	38
373					95,905	39
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,788,958</u>	
390					0	40
391					0	41
391.1					0	42
392					0	43
393					0	44
394					0	45
395					0	46
396					0	47
397					0	48
397.1					0	49
398					0	50
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,788,958</u>	
					0	51
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,788,958</u>	
399					0	52
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,788,958</u>	

## TRANSMISSION AND DISTRIBUTION LINES

Classification (a)	Miles of Line Owned					Total End of Year (f)
	First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments During Year (e)		
<b>Primary Distribution System Voltage(s) -- Urban</b>						
<b>Pole Lines</b>						
2.4/4.16 kV (4kV)	0				0	1
7.2/12.5 kV (12kV)	0				0	2
14.4/24.9 kV (25kV)	0				0	3
<b>Other:</b>						
Overhead Primary 7.62/13.2	157		0		157	4
Overhead Secondary	225		0		225	5
<b>Underground Lines</b>						
2.4/4.16 kV (4kV)	0				0	6
7.2/12.5 kV (12kV)	0				0	7
14.4/24.9 kV (25kV)	0				0	8
<b>Other:</b>						
Underground Primary 7.62/13.2	69	0			69	9
Underground Secondary	58	0			58	10
<b>Primary Distribution System Voltage(s) -- Rural</b>						
<b>Pole Lines</b>						
2.4/4.16 kV (4kV)	0				0	11
7.2/12.5 kV (12kV)	0				0	12
14.4/24.9 kV (25kV)	0				0	13
<b>Other:</b>						
NONE	0				0	14
<b>Underground Lines</b>						
2.4/4.16 kV (4kV)	0				0	15
7.2/12.5 kV (12kV)	0				0	16
14.4/24.9 kV (25kV)	0				0	17
<b>Other:</b>						
NONE	0				0	18
<b>Transmission System</b>						
<b>Pole Lines</b>						
34.5 kV	0				0	19
69 kV	0				0	20
115 kV	0				0	21
138 kV	0				0	22
<b>Other:</b>						
NONE	0				0	23
<b>Underground Lines</b>						
34.5 kV	0				0	24
69 kV	0				0	25
115 kV	0				0	26
138 kV	0				0	27
<b>Other:</b>						
NONE	0				0	28

## RURAL LINE CUSTOMERS

Rural lines are those serving mainly rural or farm customers. Farm Customer: Defined as a person or organization using electric service for the operation of an individual farm, or for residential use in living quarters on the farm occupied by persons principally engaged in the operation of the farm and by their families. A farm is a tract of land used to raise or produce agricultural and dairy products, for raising livestock, poultry, game, fur-bearing animals, or for floriculture, or similar purposes, and embracing not less than 3 acres; or, if small, where the principal income of the operator is derived therefrom.

Particulars (a)	Amount (b)	
Customers added on rural lines during year:		1
Farm Customers		2
Nonfarm Customers		3
<b>Total</b>	<b>0</b>	<b>4</b>
Customers on rural lines at end of year:		5
Rural Customers (served at rural rates):		6
Farm		7
Nonfarm	54	8
<b>Total</b>	<b>54</b>	<b>9</b>
Customers served at other than rural rates:		10
Farm		11
Nonfarm		12
<b>Total</b>	<b>0</b>	<b>13</b>
<b>Total customers on rural lines at end of year</b>	<b>54</b>	<b>14</b>

## MONTHLY PEAK DEMAND AND ENERGY USAGE

1. Report hereunder the information called for pertaining to simultaneous peak demand established monthly and monthly energy usage col. (f) (in thousands of kilowatt-hours).
2. Monthly peak col. (b) (reported as actual number) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system.
3. Monthly energy usage should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with Total Source of Energy on the Electric Energy Account schedule.
4. If the utility has two or more power systems not physically connected, the information called for below should be furnished for each system.
5. Time reported in column (e) should be in military time (e.g., 6:30 pm would be reported as 18:30).

Monthly Peak						Monthly Energy Usage	
Month (a)		kW (b)	Day of Week (c)	Date (MM/DD/YYYY) (d)	Time Beginning (HH:MM) (e)	(kWh) (000's) (f)	
January	01	94,065	Thursday	01/15/2009	11:45	62,606	1
February	02	93,089	Wednesday	02/04/2009	10:45	55,215	2
March	03	88,950	Thursday	03/12/2009	10:00	58,667	3
April	04	84,911	Monday	04/06/2009	07:00	55,361	4
May	05	82,069	Wednesday	05/20/2009	11:45	54,302	5
June	06	107,531	Tuesday	06/23/2009	15:45	56,912	6
July	07	93,844	Wednesday	07/15/2009	15:00	61,063	7
August	08	102,927	Monday	08/10/2009	15:15	62,796	8
September	09	101,425	Monday	09/14/2009	13:30	60,522	9
October	10	85,667	Tuesday	10/20/2009	13:15	59,349	10
November	11	85,484	Wednesday	11/04/2009	17:30	56,223	11
December	12	90,656	Wednesday	12/16/2009	17:15	58,619	12
<b>Total</b>		<b>1,110,618</b>				<b>701,635</b>	

**System Name**

State type of monthly peak reading (instantaneous 0, 15, 30, or 60 minutes integrated) and supplier.

Type of Reading	Supplier
15 minutes integrated	1

**ELECTRIC ENERGY ACCOUNT**

Particulars (a)	kWh (000's) (b)	
<b>Source of Energy</b>		
<b>Generation (excluding Station Use):</b>		
Fossil Steam	270,685	1
Nuclear Steam		2
Hydraulic		3
Internal Combustion Turbine	64	4
Internal Combustion Reciprocating	41	5
Non-Conventional (wind, photovoltaic, etc.)		6
<b>Total Generation</b>	<b>270,790</b>	<b>7</b>
Purchases	141,460	8
Interchanges:		
In (gross)	289,885	9
Out (gross)	500	10
Net	<b>289,385</b>	<b>11</b>
Transmission for/by others (wheeling):		
Received		12
Delivered		13
Net	<b>0</b>	<b>14</b>
<b>Total Source of Energy</b>	<b>701,635</b>	<b>15</b>
<b>Disposition of Energy</b>		
Sales to Ultimate Consumers (including interdepartmental sales)	503,401	18
Sales For Resale	175,700	19
<b>Energy Used by the Company (excluding station use):</b>		
Electric Utility	3,509	21
Common (office, shops, garages, etc. serving 2 or more util. depts.)	431	22
<b>Total Used by Company</b>	<b>3,940</b>	<b>23</b>
<b>Total Sold and Used</b>	<b>683,041</b>	<b>24</b>
<b>Energy Losses:</b>		
Transmission Losses (if applicable)		26
Distribution Losses	18,594	27
<b>Total Energy Losses</b>	<b>18,594</b>	<b>28</b>
<b>Loss Percentage (% Total Energy Losses of Total Source of Energy)</b>	<b>2.6501%</b>	<b>29</b>
<b>Total Disposition of Energy</b>	<b>701,635</b>	<b>30</b>

## SALES OF ELECTRICITY BY RATE SCHEDULE

1. Column (e) is the sum of the 12 monthly peak demands for all of the customers in each class.
2. Column (f) is the sum of the 12 monthly customer (or distribution) demands for all of the customers in each class.

Type of Sales/Rate Class Title (a)	Rate Schedule (b)	Avg. No. of Customers (c)	kWh (000 Omitted) (d)	(e)
<b>Residential Sales</b>				
RESIDENTIAL SALES	RG-1	15,571	102,684	1
<b>Total Sales for Residential Sales</b>		<b>15,571</b>	<b>102,684</b>	
<b>Commercial &amp; Industrial</b>				
COMMERCIAL	CG-1	1,708	60,886	2
COMMERCIAL & INDUSTRIAL	CP-1	50	18,364	3
COMMERCIAL & INDUSTRIAL	CP-2	38	33,009	4
COMMERCIAL & INDUSTRIAL	CP-3	51	244,982	5
COMMERCIAL & INDUSTRIAL	CP-4	1	37,751	6
SECURITY LIGHTS	SL-1	357	1,532	7
<b>Total Sales for Commercial &amp; Industrial</b>		<b>2,205</b>	<b>396,524</b>	
<b>Public Street &amp; Highway Lighting</b>				
GENERAL & ORNAMENTAL	MS-1	1	4,193	8
<b>Total Sales for Public Street &amp; Highway Lighting</b>		<b>1</b>	<b>4,193</b>	
<b>Sales for Resale</b>				
GREAT LAKES UTILITIES	GS-1	1	175,699	9
MISO MARKET	GS-1	1	1	10
<b>Total Sales for Sales for Resale</b>		<b>2</b>	<b>175,700</b>	
<b>TOTAL SALES FOR ELECTRICITY</b>		<b>17,779</b>	<b>679,101</b>	

**SALES OF ELECTRICITY BY RATE SCHEDULE (cont.)**

Demand kW (e)	Customer or Distribution kW (f)	Tariff Revenues (g)	PCAC Revenues (h)	Total Revenues (g)+(h)	
		10,980,649	416,854	11,397,503	1
<b>0</b>	<b>0</b>	<b>10,980,649</b>	<b>416,854</b>	<b>11,397,503</b>	
		5,923,030	253,365	6,176,395	2
60,023		1,489,569	75,459	1,565,028	3
120,040	156,893	2,519,211	128,400	2,647,611	4
567,426	682,525	16,028,298	914,711	16,943,009	5
66,641	80,782	2,392,487	169,427	2,561,914	6
		175,007	6,353	181,360	7
<b>814,130</b>	<b>920,200</b>	<b>28,527,602</b>	<b>1,547,715</b>	<b>30,075,317</b>	
		737,547	17,043	754,590	8
<b>0</b>	<b>0</b>	<b>737,547</b>	<b>17,043</b>	<b>754,590</b>	
		8,375,932		8,375,932	9
		12,345		12,345	10
<b>0</b>	<b>0</b>	<b>8,388,277</b>	<b>0</b>	<b>8,388,277</b>	
<b>814,130</b>	<b>920,200</b>	<b>48,634,075</b>	<b>1,981,612</b>	<b>50,615,687</b>	

## PURCHASED POWER STATISTICS

Use separate columns for each point of delivery, where a different wholesale supplier contract applies.

Particulars (a)	(b)		(c)		
Name of Vendor	GLU		WPS		1
Point of Delivery	MPU		MPU		2
Type of Power Purchased (firm, dump, etc.)	FIRM		FIRM		3
Voltage at Which Delivered	69kV		69kV		4
Point of Metering	MPU		MPU		5
Total of 12 Monthly Maximum Demands -- kW	376,600		10,959		6
Average load factor	<b>50.0004%</b>		<b>49.9996%</b>		7
Total Cost of Purchased Power	16,885,338		216,000		8
Average cost per kWh	<b>0.1228</b>		<b>0.0540</b>		9
On-Peak Hours (if applicable)					10
Monthly purchases --- kWh (000):	<b>On-peak</b>	<b>Off-peak</b>	<b>On-peak</b>	<b>Off-peak</b>	11
January	4,011	7,806			12
February	3,820	6,776	4,000		13
March	4,202	7,522			14
April	4,193	7,192			15
May	3,820	8,072			16
June	4,106	7,020			17
July	4,324	7,182			18
August	3,948	7,722			19
September	3,948	7,290			20
October	4,202	7,540			21
November	3,811	7,742			22
December	4,098	7,113			23
<b>Total kWh (000)</b>	<b>48,483</b>	<b>88,977</b>	<b>4,000</b>	<b>0</b>	24
Footnotes:	*		*		25
					26
					27
	(d)		(e)		28
Name of Vendor					29
Point of Delivery					30
Voltage at Which Delivered					31
Point of Metering					32
Type of Power Purchased (firm, dump, etc.)					33
Total of 12 Monthly Maximum Demands -- kW					34
Average load factor					35
Total Cost of Purchased Power					36
Average cost per kWh					37
On-Peak Hours (if applicable)					38
Monthly purchases --- kWh (000):	<b>On-peak</b>	<b>Off-peak</b>	<b>On-peak</b>	<b>Off-peak</b>	39
January					40
February					41
March					42
April					43
May					44
June					45
July					46
August					47
September					48
October					49
November					50
December					51
<b>Total kWh (000)</b>					52
Footnotes:					53

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## PURCHASED POWER STATISTICS

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### Purchased Power Statistics (Page E-18)

#### General footnotes

To complete the form we needed to put a number in Total of 12 Monthly Maximum Demands--kW which put a % in Average Load Factor.  
THESE TWO NUMBERS ARE NOT CORRECT.

Total cost of Purchase Power from GLU equals \$5,238,358.  
Entered \$16,885,338 for GLU and \$216,000 for WPS (Account 555) to avoid fatal program error.

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## PRODUCTION STATISTICS TOTALS

Particulars (a)	Total (b)	
Name of Plant		1
Unit Identification		2
Type of Generation		3
kWh Net Generation (000)	270,790	4
Is Generation Metered or Estimated?		5
Is Exciter & Station Use Metered or Estimated?		6
60-Minute Maximum Demand--kW (est. if not meas.)	100	7
Date and Hour of Such Maximum Demand	6/12/2009 14	8
<b>Load Factor</b>	<b>309.1210</b>	<b>9</b>
Maximum Net Generation in Any One Day	1,778	10
Date of Such Maximum	2/3/2009	11
Number of Hours Generators Operated	8,760	12
Maximum Continuous or Dependable Capacity--kW	160	13
Is Plant Owned or Leased?		14
Total Production Expenses	10,267,188	15
<b>Cost per kWh of Net Generation (\$)</b>	<b>38</b>	<b>16</b>
Monthly Net Generation --- kWh (000):		
January	39,908	17
February	20,606	18
March	22,431	19
April	24,919	20
May	21,860	21
June	20,934	22
July	19,246	23
August	19,059	24
September	20,191	25
October	21,539	26
November	15,531	27
December	24,566	28
<b>Total kWh (000)</b>	<b>270,790</b>	<b>29</b>
Gas Consumed--Therms	80,054	30
Average Cost per Therm Burned (\$)	80,054.0000	31
Fuel Oil Consumed Barrels (42 gal.)	207	32
Average Cost per Barrel of Oil Burned (\$)	37.1200	33
Specific Gravity	33	34
Average BTU per Gallon	140,133	35
Lubricating Oil Consumed--Gallons	0	36
Average Cost per Gallon (\$)	0.0000	37
kWh Net Generation per Gallon of Fuel Oil	12	38
kWh Net Generation per Gallon of Lubr. Oil	0	39
Does plant produce steam for heating or other purposes in addition to elec. generation?		40
Coal consumed--tons (2,000 lbs.)	154,527	42
Average Cost per Ton (\$)	43.0417	43
Kind of Coal Used	Bitum/PC	44
Average BTU per Pound	13,404	45
Water Evaporated--Thousands of Pounds	2,379,287	46
Is Water Evaporated, Metered or Estimated?		47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel	9	48
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.		49
Based on Total Coal Used at Plant	1	50
Based on Coal Used Solely in Electric Generation	1	51
Average BTU per kWh Net Generation	15,304	52
Total Cost of Fuel (Oil and/or Coal) per kWh Net Generation (\$)	0.0462	53
Footnote	*	54

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## PRODUCTION STATISTICS TOTALS

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### Production Statistics Totals (Page E-19)

#### General footnotes

Total Production Cost should be \$12,501,743 on Line 15.

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## PRODUCTION STATISTICS

Particulars (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
Name of Plant	Custer Str	Manitowoc	Manitowoc		1
Unit Identification	MPU3	MPU1	MPU2		2
Type of Generation	TURBINE	STEAM	RECIP		3
kWh Net Generation (000)	64	270,685	41		4
Is Generation Metered or Estimated?	M	M	M		5
Is Exciter & Station Use Metered or Estimated?	E	E	E		6
60-Minute Maximum Demand--kW (est. if not meas.)	17	91	5		7
Date and Hour of Such Maximum Demand	10/8/2009 11	1/21/2009 12	8/6/2009 16		8
<b>Load Factor</b>	<b>0.4298</b>	<b>339.5617</b>	<b>0.9361</b>		9
Maximum Net Generation in Any One Day	35	1,778	22		10
Date of Such Maximum	03/04/2009	02/03/2009	08/06/2009		11
Number of Hours Generators Operated	5	8,760	10		12
Maximum Continuous or Dependable Capacity--kW	22	127	11		13
Is Plant Owned or Leased?	O	O	O		14
Total Production Expenses	0	9,999,999	267,189		15
<b>Cost per kWh of Net Generation (\$)</b>	<b>0.0000</b>	<b>36.9433</b>	<b>6,516.8049</b>		16
Monthly Net Generation --- kWh (000):					
January	0	39,906	2		17
February	0	20,601	5		18
March	35	22,396	0		19
April	0	24,919	0		20
May	0	21,854	6		21
June	0	20,934	0		22
July	0	19,246	0		23
August	0	19,037	22		24
September	0	20,191	0		25
October	29	21,510	0		26
November	0	15,531	0		27
December	0	24,560	6		28
<b>Total kWh (000)</b>	<b>64</b>	<b>270,685</b>	<b>41</b>		29
Gas Consumed--Therms	0	77,077	2,977		30
Average Cost per Therm Burned (\$)	0.0000	0.5539	0.5625		31
Fuel Oil Consumed Barrels (42 gal.)	185		22		32
Average Cost per Barrel of Oil Burned (\$)	27.7622		115.8181		33
Specific Gravity	33		33		34
Average BTU per Gallon	140,133		140,133		35
Lubricating Oil Consumed--Gallons	0		0		36
Average Cost per Gallon (\$)	0.0000		0.0000		37
kWh Net Generation per Gallon of Fuel Oil	8		43		38
kWh Net Generation per Gallon of Lubr. Oil	0		0		39
Does plant produce steam for heating or other purposes in addition to elec. generation?	N	Y	N		40
Coal consumed--tons (2,000 lbs.)		154,527			41
Average Cost per Ton (\$)		43.0417			42
Kind of Coal Used		Bitum/PC			43
Average BTU per Pound		13,404			44
Water Evaporated--Thousands of Pounds		2,379,287			45
Is Water Evaporated, Metered or Estimated?		M	M		46
Lbs. of Steam per Lb. of Coal or Equivalent Fuel		9.3000			47
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.					48
Based on Total Coal Used at Plant		1			49
Based on Coal Used Solely in Electric Generation		1			50
Average BTU per kWh Net Generation		15,304			51
Total Cost of Fuel (Oil and/or Coal) per kWh Net Generation (\$)	0.0842	0.0246	0.1030		52
Footnotes	*	*			53
					54

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## PRODUCTION STATISTICS

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### Production Statistics (Page E-20)

#### General footnotes

Total Production expenses-MPU3-Custer St. = \$-48,957.  
Received Insurance settlement on maintance expense claim.  
Total Production expenses-MPU1-Steam = \$12,283,511

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## STEAM PRODUCTION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
2. In columns (c) and (i), report year equipment was first placed in service, regardless of subsequent change in ownership.
3. Under column (j), report tandem-compound (TC); cross-compound (CC); single casing (SC); topping unit (T); noncondensing (NC); and reciprocating (R). Show back pressure.
4. In column (q), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

### Boilers

Name of Plant (a)	Unit No. (b)	Year Installed (c)	Rated Steam Pressure (lbs.) (d)	Rated Steam Temp. F. (e)	Type (f)	Fuel Type and Firing Method (g)	Rated Maxi- mum Steam Pressure (1000 lbs./hr.) (h)	
Manitowoc	5	1952	450	750	Water Tube	Natural Ga	70	1
Manitowoc	6	1956	900	900	Water Tube	Stoker	200	2
Manitowoc	7	1964	900	900	Water Tube	Stoker	200	3
Manitowoc	8	1991	1100	905	Water Tube	Sweep Air	220	4
Manitowoc	9	2006	1500	1005	Water Tube	Sweep Air	475	5
<b>Total</b>							<b>1165</b>	

### Turbine-Generators

Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Yr. (000's) (m)	Rated Unit Capacity		Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Capacity (kW) (q)
					kW (n)	kVA (o)		
1950	SC	3600	13800	8040	10000	12500	10000	10000
1956	SC	3600	13800	17885	22000	27058	22000	22000
1964	SC	3600	13800	37916	32000	35556	32000	32000
2006	SC	3600	13800	252146	63400	75000	63400	63400
<b>Total</b>				<b>315987</b>	<b>127400</b>	<b>150114</b>	<b>127400</b>	<b>127400</b>

## INTERNAL COMBUSTION GENERATION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
2. In column (c) and (h), report year equipment was first placed in service, regardless of subsequent change in ownership.

### Prime Movers

Name of Plant (a)	Unit No. (b)	Year Installed (c)	Type (Recip. or Turbine) (d)	Manufacturer (e)	RPM (f)	Rated HP Each Unit (g)	
Custer Str	3	1999	Turbine	General Electric	5,105	32,767	1
Manitowoc	2	1985	Reciprocat	Transamerica DeLavel	450	7,313	2
<b>Total</b>						<b>40,080</b>	

### INTERNAL COMBUSTION GENERATION PLANTS (cont.)

3. In column (n), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Year Installed (h)	Voltage (kV) (i)	Generators		Total Rated Plant Capacity (kW) (m)	Total Maximum Continuous Plant Capacity (kW) (n)		
		kWh Generated by Each Unit Generator During Yr. (000's) (j)	Rated Unit Capacity				
			kW (k)				kVA (l)
1999	13,800	64	24,250	29,600	24,250	24,250	1
1985	13,800	41	5,250	6,563	5,250	5,250	2
<b>Total</b>		<b>105</b>	<b>29,500</b>	<b>36,163</b>	<b>29,500</b>	<b>29,500</b>	

## HYDRAULIC GENERATING PLANTS

Name of Plant (a)	Name of Stream (b)	Control (Attended, Automatic or Remote) (c)	Type (d)	Prime Movers			
				Unit No. (e)	Year Installed (f)	RPM (g)	Rated HP Each Unit (h)
NONE							1
						<b>Total</b>	<u><u>0</u></u>

### HYDRAULIC GENERATING PLANTS (cont.)

Rated Head (i)	Operating Head (j)	Year Installed (k)	Generators				Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Plant Capacity (kW) (q)
			Voltage (kV) (l)	kWh Generated by Each Unit During Year (000's) (m)	Rated Unit Capacity			
					kW (n)	kVA (o)		
			Total	0	0	0	0	1

### SUBSTATION EQUIPMENT

Report separately each substation used wholly or in part for transmission, each distribution substation over 1,000 kVA capacity and each substation that serves customers with energy for resale.

Particulars (a)	Utility Designation					
	(b)	(c)	(d)	(e)	(f)	
Name of Substation	LAKEFNT	NE	REV BK3	CUSTER ST	Dewey	1
Voltage--High Side	69	69	69	69	69	2
Voltage--Low Side	13	13	13	13	13	3
Num. Main Transformers in Operation	3	1	1	1	1	4
Total Capacity of Transformers in kVA	93,000	22,400	22,400	22,400	22,400	5
Number of Spare Transformers on Hand	0	0	0	0	0	6
15-Minute Maximum Demand in kW	38,100	16,100	22,100	16,900	14,200	7
Dt and Hr of Such Maximum Demand	01/26/2009 18:00 01/27/2009 18:00 08/03/2009 15:00 07/15/2009 13:00 06/24/2009 13:00					8
Kwh Output						9
Footnotes						10

### SUBSTATION EQUIPMENT (continued)

Particulars (g)	Utility Designation				
	(h)	(i)	(j)	(k)	
Name of Substation	MIRRO	MIRRO BK2	MIRRO BK3	REV BK 4	16
Voltage--High Side	69	69	69	69	17
Voltage--Low Side	4,160	4,160	4,160	13	18
Num. of Main Transformers in Operation	3	1	1	1	19
Total Capacity of Transformers in kVA	9,999	3,000	5,000	22,400	20
Number of Spare Transformers on Hand	1	0	0	0	21
15-Minute Maximum Demand in kW	7,000	0	0	20,000	22
Dt and Hr of Such Maximum Demand	04/27/2009 13:00 09/15/2009 13:00				23
Kwh Output					24
Footnotes					25

### SUBSTATION EQUIPMENT (continued)

Particulars (m)	Utility Designation					
	(n)	(o)	(p)	(q)	(r)	
Name of Substation						31
Voltage--High Side						32
Voltage--Low Side						33
Num. of Main Transformers in Operation						34
Capacity of Transformers in kVA						35
Number of Spare Transformers on Hand						36
15-Minute Maximum Demand in kW						37
Dt and Hr of Such Maximum Demand						38
Kwh Output						39
Footnotes						40

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## SUBSTATION EQUIPMENT

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### Substation Equipment (Page E-26)

#### General footnotes

kWH output is not recorded.

Mirro Bank 2 & 3 - Entire load was transferred to Bank 1.

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## ELECTRIC DISTRIBUTION METERS & LINE TRANSFORMERS

Particulars (a)	Number of Watt-Hour Meters (b)	Line Transformers		1
		Number (c)	Total Cap. (kVA) (d)	
Number first of year	19,013	2,747	278,389	1
Acquired during year	136	17	7,215	2
<b>Total</b>	<b>19,149</b>	<b>2,764</b>	<b>285,604</b>	<b>3</b>
Retired during year	253	105	12,476	4
Sales, transfers or adjustments increase (decrease)	(2)	0	0	5
<b>Number end of year</b>	<b>18,894</b>	<b>2,659</b>	<b>273,128</b>	<b>6</b>
<b>Number end of year accounted for as follows:</b>				<b>7</b>
In customers' use	17,466	2,391	233,833	8
In utility's use	0	0	0	9
Locked meters on customers' premises	0			10
In stock	1,428	268	39,295	11
<b>Total end of year</b>	<b>18,894</b>	<b>2,659</b>	<b>273,128</b>	<b>12</b>
				<b>13</b>

## STREET LIGHTING EQUIPMENT

1. Under column (a) use the following types: Sodium Vapor, Mercury Vapor, Incandescent, Fluorescent, Metal Halide/Halogen, Other.
2. Indicate size in watts, column(b).
3. If breakdown of kWh column (d) is not available, please allocate based on utility's best estimate.

Particulars (a)	Watts (b)	Number Each Type (c)	kWh Used Annually (d)	
<b>Street Lighting Non-Ornamental</b>				
Sodium Vapor	100	1,459	729,289	1
Sodium Vapor	200	310	321,295	2
Sodium Vapor	250	1,536	1,907,358	3
<b>Total</b>		<b>3,305</b>	<b>2,957,942</b>	
<b>Ornamental</b>				
Sodium Vapor	70	264	234,870	4
Sodium Vapor	100	418	208,500	5
Sodium Vapor	200	414	382,465	6
Sodium Vapor	250	412	409,455	7
<b>Total</b>		<b>1,508</b>	<b>1,235,290</b>	
<b>Other</b>				
NONE				8
<b>Total</b>		<b>0</b>	<b>0</b>	