



3013 (02-09-04)

ANNUAL REPORT

OF

Name: MANITOWOC PUBLIC UTILITIES

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

For the Year Ended: DECEMBER 31, 1997

**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.

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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:

Utility employee in charge of correspondence concerning this report:

Name: MR DAVID FRANTSEN

Title: MANAGER OF BUSINESS SERVICES

Office Address:

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

Telephone: (920) 683 - 4640

Fax Number: (920) 683 - 4748

E-mail Address: dfrantsen@mpu.org

Individual or firm, if other than utility employee, preparing this report:

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

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

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

Name: JONET AND FOUNTAIN

Title:

Office Address: JONET AND FOUNTAIN
200 S. WASHINGTON ST
P.O. BOX 1000
GREEN BAY, WI 54305-1000

Telephone: (920) 435 - 4361

Fax Number:

E-mail Address:

Date of most recent audit report: 4/6/1998

Period covered by most recent audit: FOR THE YEAR ENDED DECEMBER 31, 1997

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: MR C. TED NELSON

Title: GENERAL MANAGER

Office Address:

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

Telephone: (920) 683 - 4600

Fax Number: (920) 683 - 4748

E-mail Address: tnelson@mpu.org

Name of utility commission/committee: MANITOWOC PUBLIC UTILITIES COMMISSION

Names of members of utility commission/committee:

- MR KEVIN CRAWFORD, MAYOR
 - MR DAN HORNUNG
 - MR JAMES MAC DONALD, ALDERMAN
 - MR JAMES G. MORROW, VICE PRESIDENT
 - MR NORMAN H. REICHARD, PRESIDENT
 - MR MARK SEIDL
 - MR ROBERT ZIEGELBAUER, SECRETARY
-

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. § 66.077 of the Wisconsin Statutes? NO

Date of Ordinance:

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

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

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

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)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	31,747,947	31,006,477	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	22,301,069	21,086,703	2
Depreciation Expense (403)	2,987,826	2,840,067	3
Amortization Expense (404-407)	0		4
Taxes (408)	2,158,691	2,163,571	5
Total Operating Expenses	27,447,586	26,090,341	
Net Operating Income	4,300,361	4,916,136	
Income from Utility Plant Leased to Others (412-413)	0		6
Utility Operating Income	4,300,361	4,916,136	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	4,630	23,790	7
Income from Nonutility Operations (417)	0		8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	1,026,863	745,877	10
Miscellaneous Nonoperating Income (421)	56,800		11
Total Other Income	1,088,293	769,667	
Total Income	5,388,654	5,685,803	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0		12
Other Income Deductions (426)	710	15,040	13
Total Miscellaneous Income Deductions	710	15,040	
Income Before Interest Charges	5,387,944	5,670,763	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	1,539,260	1,646,090	14
Amortization of Debt Discount and Expense (428)	114,666	134,116	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	0		17
Other Interest Expense (431)	2,835	7,661	18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	1,656,761	1,787,867	
Net Income	3,731,183	3,882,896	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	47,944,959	44,414,595	20
Balance Transferred from Income (433)	3,731,183	3,882,896	21
Miscellaneous Credits to Surplus (434)	0	1,544	22
Miscellaneous Debits to Surplus--Debit (435)	33	354,076	23
Appropriations of Surplus--Debit (436)	0		24
Appropriations of Income to Municipal Funds--Debit (439)	0		25
Total Unappropriated Earned Surplus End of Year (216)	51,676,109	47,944,959	

INCOME STATEMENT ACCOUNT DETAILS

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)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
Sewer User Fees Revenue	275,786	3
Sewer User Fees Expenses	(275,786)	4
Total (Acct. 417):	0	
Nonoperating Rental Income (418):		
	0	5
Total (Acct. 418):	0	
Interest and Dividend Income (419):		
Water Utility	110,664	6
Electric Utility	916,199	7
Total (Acct. 419):	1,026,863	
Miscellaneous Nonoperating Income (421):		
Miscellaneous Nonoperating Income	56,800	8
Total (Acct. 421):	56,800	
Miscellaneous Amortization (425):		
NONE		9
Total (Acct. 425):	0	
Other Income Deductions (426):		
Water Utility	710	10
Total (Acct. 426):	710	
Miscellaneous Credits to Surplus (434):		
NONE		11
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
Water Invoice	33	12
Total (Acct. 435)--Debit:	33	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		13
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
NONE		14
Total (Acct. 439)--Debit:	0	

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

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	27,268	25,706			52,974	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll	4,838	9,135			13,973	3
Materials	13,505	10,297			23,802	4
Taxes					0	5
Other (list by major classes):						
Labor & General Overheads	3,417	7,152			10,569	6
Total costs and expenses	21,760	26,584	0	0	48,344	
Net income (or loss)	5,508	(878)	0	0	4,630	

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	3,675,317	28,072,630	0	0	31,747,947	1
Less: interdepartmental sales	106,470	265,449	0		371,919	2
Less: interdepartmental rents	400	22,080			22,480	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained		23,839			23,839	5
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	3,568,447	27,761,262	0	0	31,329,709	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. 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.
3. 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	475,211	162,524	637,735	1
Electric operating expenses	2,242,229	655,239	2,897,468	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	13,973	10,569	24,542	6
Other nonutility expenses	81,400	30,251	111,651	7
Water utility plant accounts	38,030	1,523	39,553	8
Electric utility plant accounts	196,713	32,726	229,439	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	1,178	48	1,226	13
Accum. prov. for depreciation of electric plant	33,705	5,339	39,044	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	900,546	(900,546)	0	18
All other accounts	10,432	2,327	12,759	19
Total Payroll	3,993,417	0	3,993,417	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	100,035,594	96,451,268	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	35,138,945	32,569,490	2
Net Utility Plant	64,896,649	63,881,778	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
Total Net Utility Plant	64,896,649	63,881,778	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	552,058	524,280	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	5,784	5,112	6
Net Nonutility Property	546,274	519,168	
Investment in Municipality (123)	0		7
Other Investments (124)	0		8
Special Funds (125-128)	10,121,406	5,213,540	9
Total Other Property and Investments	10,667,680	5,732,708	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	571,188	370,094	10
Special Deposits (132-134)	0		11
Working Funds (135)	770	770	12
Temporary Cash Investments (136)	13,169,496	11,223,092	13
Notes Receivable (141)	0		14
Customer Accounts Receivable (142)	1,902,007	1,831,659	15
Other Accounts Receivable (143)	621,955	664,702	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	2,819	9,174	18
Materials and Supplies (151-163)	2,631,352	765,131	19
Prepayments (165)	107,029	68,902	20
Interest and Dividends Receivable (171)	320,819	156,008	21
Accrued Utility Revenues (173)			22
Miscellaneous Current and Accrued Assets (174)			23
Total Current and Accrued Assets	19,327,435	15,089,532	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	1,141,132	1,153,803	24
Other Deferred Debits (182-186)	172,019	591,792	25
Total Deferred Debits	1,313,151	1,745,595	
Total Assets and Other Debits	96,204,915	86,449,613	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	0	0	26
Appropriated Earned Surplus (215)			27
Unappropriated Earned Surplus (216)	51,676,109	47,944,959	28
Total Proprietary Capital	51,676,109	47,944,959	
LONG-TERM DEBT			
Bonds (221-222)	29,260,000	26,775,000	29
Advances from Municipality (223)	0		30
Other Long-Term Debt (224)	3,060	15,715	31
Total Long-Term Debt	29,263,060	26,790,715	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	1,947,655	1,042,654	32
Accounts Payable (232)	3,363,919	1,522,369	33
Payables to Municipality (233)	190,178	205,029	34
Customer Deposits (235)	31,514	38,768	35
Taxes Accrued (236)	1,855,977	1,855,977	36
Interest Accrued (237)	585,620	588,834	37
Matured Long-Term Debt (239)			38
Matured Interest (240)	1,236		39
Tax Collections Payable (241)	77,574	3,157	40
Miscellaneous Current and Accrued Liabilities (242)	186,369	127,764	41
Total Current and Accrued Liabilities	8,240,042	5,384,552	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0		42
Customer Advances for Construction (252)			43
Other Deferred Credits (253)	22,683	25,197	44
Total Deferred Credits	22,683	25,197	
OPERATING RESERVES			
Property Insurance Reserve (261)			45
Injuries and Damages Reserve (262)			46
Pensions and Benefits Reserve (263)	1,294,047	1,272,171	47
Miscellaneous Operating Reserves (265)			48
Total Operating Reserves	1,294,047	1,272,171	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	5,708,974	5,032,019	49
Total Liabilities and Other Credits	96,204,915	86,449,613	

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)	
Plant Accounts:					
Utility Plant in Service (101)	22,426,269	0	0	76,282,574	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)					5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)	104,652			1,222,099	7
Total Utility Plant	22,530,921	0	0	77,504,673	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	5,589,588	0	0	29,549,357	8
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					9
Accumulated Provision for Depreciation of Property Held for Future Use (113)					10
Accumulated Provision for Amortization of Utility Plant in Service (114)					11
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					12
Accumulated Provision for Amortization of Property Held for Future Use (116)					13
Total Accumulated Provision	5,589,588	0	0	29,549,357	
Net Utility Plant	16,941,333	0	0	47,955,316	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:

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)	
Balance first of year	5,159,337	27,410,152			32,569,489	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	465,195	2,522,631			2,987,826	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	24,542				24,542	6
Accruals charged other						7
accounts (specify):						8
Amounts Charged to Clearing Accts	25,759	92,655			118,414	9
Salvage	13,823	91,742			105,565	10
Other credits (specify):						11
					0	12
Total credits	529,319	2,707,028	0	0	3,236,347	13
Debits during year						14
Book cost of plant retired	83,104	459,137			542,241	15
Cost of removal	15,964	108,686			124,650	16
Other debits (specify):						17
					0	18
Total debits	99,068	567,823	0	0	666,891	19
Balance End of Year	5,589,588	29,549,357	0	0	35,138,945	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

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

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant				0	1
Other (specify):					
Electric Fund-Land	496,031	27,778		523,809	2
Electric Fund-Car Ferry Building	28,249			28,249	3
Total Nonutility Property (121)	524,280	27,778	0	552,058	
Less accum. prov. depr. & amort. (122)	5,112	672		5,784	4
 Net Nonutility Property	 519,168	 27,106	 0	 546,274	

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

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

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel (151)	2,025,842				2,025,842	94,487	1
Fuel stock expenses (152)					0		2
Plant mat. & oper. sup. (154)			490,252		490,252	576,653	3
Total Electric Utility					2,516,094	671,140	

Account	Total End of Year	Amount Prior Year	
Electric utility total	2,516,094	671,140	1
Water utility (154)	115,258	93,991	2
Sewer utility (154)			3
Heating utility (154)			4
Gas utility (154)			5
Merchandise (155)			6
Other materials & supplies (156)			7
Stores expense (163)			8
Total Materials and Supplies	2,631,352	765,131	

**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)		
Unamortized debt discount & expense (181)				
1989 Electric Power System Mortgage Revenue Bonds	0	11555	75,106	1
1991 Electric Power System Mortgage Revenue Bonds	0	8221	53,448	2
1993 Electric Power System Mortgage Revenue Bonds	0	57444	550,510	3
1994 Water Works System Mortgage Revenue Bonds	0	6507	74,290	4
1995 Electric Power System Mortgage Revenue Bonds	0	11085	128,403	5
1995-1 Electric Power System Mortgage Revenue Bonds	0	10631	91,248	6
1996 Electric Power System Mortgage Revenue Bonds	0	8779	66,576	7
1997 Water Works System Mortgage Revenue Bonds	0	443	101,551	8
Total			1,141,132	
Unamortized premium on debt (251)				
				9
Total			0	

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
Changes during year (explain):	
NONE	2
Balance end of year	<u><u>0</u></u>

BONDS (ACCTS. 221 AND 222)

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)	
Electric Utility-Series 1989 - \$10,000,000	10/15/1989	08/01/2002	7.00%	1,985,000	1
Electric Utility-Series 1991 - \$5,100,000	02/15/1991	08/01/2004	7.00%	1,355,000	2
Electric Utility-Series 1993 - \$8,685,000	02/04/1993	08/01/2007	6.00%	7,220,000	3
Water Utility-Series 1994 - \$3,365,000	05/15/1994	06/01/2009	5.00%	2,795,000	4
Electric Utility-Series 1995 - \$5,800,000	01/15/1995	08/01/2009	6.00%	4,585,000	5
Electric Utility-Series 1995-1-\$4,200,000	12/28/1995	08/01/2006	5.00%	4,015,000	6
Electric Utility-Series 1996 - \$3,050,000	01/15/1996	08/01/2005	5.00%	2,885,000	7
Water Utility-Series 1997 - \$4,420,000	12/03/1997	06/01/2017	5.00%	4,420,000	8
Total Bonds (Account 221):				29,260,000	
Total Reacquired Bonds (Account 222)				0	9

Net amount of bonds outstanding December 31: 29,260,000

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)	
Other Long-Term Debt (224)					
Mail Inserter Purchase Agreement	01/01/1996	03/01/2000	0.00%	5,300	1
Copier Purchases Agreement	05/01/1995	04/01/1998	0.00%	(2,240)	2
Total for Account 224				3,060	
Notes Payable (231)					
Copier Purchase Agreement - Current Portion	01/01/1997	12/31/1997	0.00%	3,360	3
Electric Utility - Series 1991 - Current Portion	08/01/1997	08/01/1998	7.00%	0	4
Electric Utility - Series 1993 - Current Portion	08/01/1997	08/01/1998	6.00%	975,000	5
Electric Utility - Series 1995 - Current Portion	08/01/1997	08/01/1998	6.00%	285,000	6
Electric Utility - Series 1996 - Current Portion	08/01/1997	08/01/1998	5.00%	35,000	7
Electric Utility - Series 1995-1 - Current Portion	08/01/1997	08/01/1998	5.00%	40,000	8
Mail Inserter Purchase Agreement - Current Portion	01/01/1997	12/31/1997	3.00%	9,295	9
Water Utility - Series 1994 - Current Portion	06/01/1997	06/01/1998	5.00%	180,000	10
Water Utility - Series 1997 - Current Portion	06/01/1997	06/01/1998	5.00%	0	11
Electric Utility - Series 1989 - Current Portion	08/01/1997	08/01/1998	7.00%	420,000	12
Total for Account 231				1,947,655	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	1,855,977	1
Accruals:		
Charged water department expense	399,683	2
Charged electric department expense	1,456,294	3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	<u>1,855,977</u>	
Taxes paid during year:		
County, state and local taxes	1,855,977	6
Social Security taxes		7
PSC Remainder Assessment		8
Other (explain):		
NONE		9
Total payments and other debits	<u>1,855,977</u>	
Balance end of year	<u><u>1,855,977</u></u>	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

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)	
Bonds (221)					
Electric Mortgage Revenue Bond-Series 1989	76,868	173,949	184,483	66,334	1
Electric Mortgage Revenue Bond-Series 1991	38,430	92,233	92,233	38,430	2
Electric Mortgage Revenue Bond-Series 1993	188,198	449,425	451,675	185,948	3
Water Mortgage Revenue Bond-Series 1994	14,563	169,299	170,078	13,784	4
Electric Mortgage Revenue Bond-Series 1995	129,871	305,460	311,690	123,641	5
Electric Mortgage Revenue Bond-Series 1995-1	80,664	192,812	193,595	79,881	6
Electric Mortgage Revenue Bond-Series 1996	57,568	137,565	138,163	56,970	7
Water Mortgage Revenue Bond-Series 1997	0	18,517	0	18,517	8
Subtotal	586,162	1,539,260	1,541,917	583,505	
Advances from Municipality (223)					
NONE				0	9
Subtotal	0	0	0	0	
Other Long-Term Debt (224)					
NONE				0	10
Subtotal	0	0	0	0	
Notes Payable (231)					
Customer Deposits	2,672	2,835	3,392	2,115	11
Subtotal	2,672	2,835	3,392	2,115	
Total	588,834	1,542,095	1,545,309	585,620	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	3,413,677	1,591,069	27,273			5,032,019	1
Add credits during year:							
For Services		233,087				233,087	2
For Mains	443,868					443,868	3
Other (specify):							
NONE						0	4
Deduct charges (specify):							
NONE						0	5
Balance End of Year	3,857,545	1,824,156	27,273	0	0	5,708,974	
Amount of federal and state grants in aid received for utility construction included in End of Year totals			14,104			14,104	6

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
NONE		2
Total (Acct. 124):	0	
Sinking Funds (125):		
Water Bond Special Redemption Fund	883,195	3
Electric Bond Special Redemption Fund	4,414,916	4
Total (Acct. 125):	5,298,111	
Depreciation Fund (126):		
NONE		5
Total (Acct. 126):	0	
Other Special Funds (128):		
Water - New Micro Plant Fund	3,992,800	6
Water - Catastrophic Fund	240,478	7
Electric - Catastrophic Fund	590,017	8
Total (Acct. 128):	4,823,295	
Interest Special Deposits (132):		
NONE		9
Total (Acct. 132):	0	
Other Special Deposits (134):		
NONE		10
Total (Acct. 134):	0	
Notes Receivable (141):		
NONE		11
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	243,757	12
Electric	1,658,250	13
Sewer (Regulated)		14
Other (specify):		
NONE		15
Total (Acct. 142):	1,902,007	
Other Accounts Receivable (143):		
Sewer (Non-regulated)	190,215	16

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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)
Other Accounts Receivable (143):		
Merchandising, jobbing and contract work		17
Other (specify):		
Water - Property Damage Claims, Misc. Billings, Etc.	40,189	18
Electric - Electric Extensions, Steam Billings, Etc.	391,551	19
Total (Acct. 143):		621,955
Receivables from Municipality (145):		
Water Utility	1,446	20
Electric Utility	1,373	21
Total (Acct. 145):		2,819
Prepayments (165):		
Prepaid Insurance - Electric	86,173	22
Prepaid Insurance - Water	10,248	23
Prepaid Postage - Electric	10,608	24
Total (Acct. 165):		107,029
Extraordinary Property Losses (182):		
NONE		25
Total (Acct. 182):		0
Preliminary Survey and Investigation Charges (183):		
Master Plan - Water Distribution	33,754	26
High Pressure Steam - Power Plant	18,246	27
Steam Study - Busch Agricultural - Power Plant	9,971	28
Work Order Mapping - Electric Distribution	1,006	29
Total (Acct. 183):		62,977
Clearing Accounts (184):		
NONE		30
Total (Acct. 184):		0
Temporary Facilities (185):		
NONE		31
Total (Acct. 185):		0
Miscellaneous Deferred Debits (186):		
Watermain Assessment	7,536	32
Water Retired Work In Progress	0	33
Electric Retired Work In Progress	1,929	34
Water Tower	99,577	35
Total (Acct. 186):		109,042

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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)	
Payables to Municipality (233):		
Sewer Collections Payable	190,178	36
Total (Acct. 233):	190,178	
Other Deferred Credits (253):		
Water Utility - Discount on Investments	2,924	37
Electric Utility - Discount on Investments	19,759	38
Total (Acct. 253):	22,683	

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 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)	
Add Average:						
Utility Plant in Service	21,841,903	75,116,246	0	0	96,958,149	1
Materials and Supplies	104,624	1,593,617	0	0	1,698,241	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	5,374,462	28,479,754	0	0	33,854,216	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	3,635,611	1,734,885	0	0	5,370,496	6
Other (specify):						
NONE					0	7
Average Net Rate Base	12,936,454	46,495,224	0	0	59,431,678	
Net Operating Income	1,038,408	3,261,953	0	0	4,300,361	8
Net Operating Income as a percent of Average Net Rate Base						
	8.03%	7.02%	N/A	N/A	7.24%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	0	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	49,810,534	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	49,810,534	
Net Income		
Net Income	3,731,183	5
 Percent Return on Proprietary Capital	 7.49%	

IMPORTANT CHANGES DURING THE YEAR**Report changes of any of the following types:**

1. Acquisitions.NONE

2. Leaseholder changes.NONE

3. Extensions of service.Manitowoc Public Utilities added 4.5 miles of distribution circuit in 1997.

4. Estimated changes in revenues due to rate changes.NONE

5. Obligations incurred or assumed, excluding commercial paper.

Manitowoc Public Utilities issued \$4,420,000 of water revenue bonds for a new water treatment plant which will use microfiltration technology. An additional \$2,570,000 of water revenue bonds will be issued in March 1998.

6. Formal proceedings with the Public Service Commission.

Manitowoc Public Utilities received approval in Docket 3320-CV-108 to construct a new water treatment plant at an estimated cost of \$6,255,000.

Manitowoc Public Utilities received approval in Docket 3320-CE-107 to construct 6 miles of new 69kV electric transmission line and an additional substation to satisfy the reasonable needs of MPU's customers for an adequate supply of electric energy.

7. Any additional matters.

NONE

FINANCIAL SECTION FOOTNOTES

Notes Payable & Miscellaneous Long-Term Debt (Page F-15)

Minolta Copier Rental Converted to a Cash Purchase
\$280.00/Month/36 +\$1.00 - No Interest Rate

Identification and Ownership (Page iv)

Water Utility was organized on 10/2/1911

Electric Utility was organized in 1914

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	3,626,743	1
Total Sales of Water	3,626,743	
Other Operating Revenues		
Forfeited Discounts (470)	7,133	2
Miscellaneous Service Revenues (471)	2,029	3
Rents from Water Property (472)	10,350	4
Interdepartmental Rents (473)	400	5
Other Water Revenues (474)	28,662	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	48,574	
Total Operating Revenues	3,675,317	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	24,644	8
Pumping Expenses (620-633)	304,256	9
Water Treatment Expenses (640-652)	348,222	10
Transmission and Distribution Expenses (660-678)	527,083	11
Customer Accounts Expenses (901-905)	137,716	12
Sales Expenses (910)	37	13
Administrative and General Expenses (920-932)	387,021	14
Total Operation and Maintenance Expenses	1,728,979	
Other Operating Expenses		
Depreciation Expense (403)	465,195	15
Amortization Expense (404-407)		16
Taxes (408)	442,735	17
Total Other Operating Expenses	907,930	
Total Operating Expenses	2,636,909	
NET OPERATING INCOME	1,038,408	

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. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential	57	285	5,315	1
Commercial				2
Industrial				3
Total Unmetered Sales to General Customers (460)	57	285	5,315	
Metered Sales to General Customers (461)				
Residential	11,317	302,247	337,485	4
Commercial	658	2,045,440	1,437,972	5
Industrial	158	748,830	1,206,525	6
Total Metered Sales to General Customers (461)	12,133	3,096,517	2,981,982	
Private Fire Protection Service (462)	125		53,049	7
Public Fire Protection Service (463)	1		403,321	8
Other Sales to Public Authorities (464)	94	78,423	76,606	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)	1	155,039	106,470	12
Total Sales of Water	12,411	3,330,264	3,626,743	

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)
None	None	0	0 1
Total		0	0

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)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	403,321	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	403,321	
Forfeited Discounts (470):		
Customer late payment charges	7,133	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	7,133	
Miscellaneous Service Revenues (471):		
Misc Billings to turn water on & off	2,029	7
Total Miscellaneous Service Revenues (471)	2,029	
Rents from Water Property (472):		
Rental of Property	10,350	8
Total Rents from Water Property (472)	10,350	
Interdepartmental Rents (473):		
Pole Yard Rented to Electric Utility	400	9
Total Interdepartmental Rents (473)	400	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	27,079	10
Other (specify):		
Wisconsin State Sales Tax Allowance	180	11
Miscellaneous Income	1,403	12
Total Other Water Revenues (474)	28,662	
Amortization of Construction Grants (475):		
NONE		13
Total Amortization of Construction Grants (475)	0	

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)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)	3,226	2
Purchased Water (602)		3
Miscellaneous Expenses (603)	144	4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)	27	8
Maintenance of Lake, River and Other Intakes (613)	382	9
Maintenance of Wells and Springs (614)	20,510	10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)	355	12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	24,644	
 PUMPING EXPENSES		
Operation Supervision and Engineering (620)	7,353	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	226,574	17
Pumping Labor and Expenses (624)	48,306	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	1,743	20
Rents (627)		21
Maintenance Supervision and Engineering (630)		22
Maintenance of Structures and Improvements (631)	11,850	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	8,430	25
Total Pumping Expenses	304,256	
 WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	35,254	26
Chemicals (641)	71,814	27

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)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	90,916	28
Miscellaneous Expenses (643)	64,542	29
Rents (644)		30
Maintenance Supervision and Engineering (650)		31
Maintenance of Structures and Improvements (651)	20,035	32
Maintenance of Water Treatment Equipment (652)	65,661	33
Total Water Treatment Expenses	348,222	
 TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	60,434	34
Storage Facilities Expenses (661)	6,510	35
Transmission and Distribution Lines Expenses (662)	114,950	36
Meter Expenses (663)	58,272	37
Customer Installations Expenses (664)		38
Miscellaneous Expenses (665)	66,723	39
Rents (666)	4,170	40
Maintenance Supervision and Engineering (670)	7,181	41
Maintenance of Structures and Improvements (671)	218	42
Maintenance of Distribution Reservoirs and Standpipes (672)	40,239	43
Maintenance of Transmission and Distribution Mains (673)	115,271	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	21,961	46
Maintenance of Meters (676)	14,759	47
Maintenance of Hydrants (677)	16,365	48
Maintenance of Miscellaneous Plant (678)	30	49
Total Transmission and Distribution Expenses	527,083	
 CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	6,589	50
Meter Reading Labor (902)	30,872	51
Customer Records and Collection Expenses (903)	99,724	52
Uncollectible Accounts (904)		53

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)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)	531	54
Total Customer Accounts Expenses	137,716	
 SALES EXPENSES		
Sales Expenses (910)	37	55
Total Sales Expenses	37	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	94,754	56
Office Supplies and Expenses (921)	30,893	57
Administrative Expenses Transferred--Credit (922)	33,999	58
Outside Services Employed (923)	59,122	59
Property Insurance (924)	3,318	60
Injuries and Damages (925)	30,624	61
Employee Pensions and Benefits (926)	161,771	62
Regulatory Commission Expenses (928)	17	63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	14,299	65
Rents (931)	17,910	66
Maintenance of General Plant (932)	8,312	67
Total Administrative and General Expenses	387,021	
 Total Operation and Maintenance Expenses	1,728,979	

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)	Amount (c)	
Property Tax Equivalent		399,683	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		8,737	2
Net property tax equivalent		390,946	
Social Security		47,391	3
PSC Remainder Assessment		4,398	4
Other (specify): NONE			5
Total tax expense		442,735	

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, 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 § 66.069(1)(c). 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
SUMMARY OF TAX RATES							2
State tax rate	mills						3
County tax rate	mills						4
Local tax rate	mills		6.998800				5
School tax rate	mills		11.095600				6
Voc. school tax rate	mills		1.747700				7
Other tax rate - Local	mills						8
Other tax rate - Non-Local	mills						9
Total tax rate	mills		19.842100				10
Less: state credit	mills		1.575500				11
Net tax rate	mills		18.266600				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		6.998800				14
Combined School Tax Rate	mills		12.843300				15
Other Tax Rate - Local	mills						16
Total Local & School Tax	mills		19.842100				17
Total Tax Rate	mills		19.842100				18
Ratio of Local and School Tax to Total	dec.		1.000000				19
Total tax net of state credit	mills		18.266600				20
Net Local and School Tax Rate	mills		18.266600				21
Utility Plant, Jan. 1	\$	21,468,531	21,468,531				22
Materials & Supplies	\$	93,991	93,991				23
Subtotal	\$	21,562,522	21,562,522				24
Less: Plant Outside Limits	\$	48,643	48,643				25
Taxable Assets	\$	21,513,879	21,513,879				26
Assessment Ratio	dec.		0.904500				27
Assessed Value	\$	19,459,304	19,459,304				28
Net Local & School Rate	mills		18.266600				29
Tax Equiv. Computed for Current Year	\$	355,455	355,455				30
Tax Equivalent per 1994 PSC Report	\$	399,683					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32
Tax equiv. for current year (see note 6)	\$	399,683					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
INTANGIBLE PLANT			
Organization (301)			1
Franchises and Consents (302)			2
Miscellaneous Intangible Plant (303)			3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	83,952		4
Structures and Improvements (311)			5
Collecting and Impounding Reservoirs (312)			6
Lake, River and Other Intakes (313)	1,968,150		7
Wells and Springs (314)	369,571		8
Infiltration Galleries and Tunnels (315)			9
Supply Mains (316)	158,880	19,342	10
Other Water Source Plant (317)			11
Total Source of Supply Plant	2,580,553	19,342	
PUMPING PLANT			
Land and Land Rights (320)	22,823		12
Structures and Improvements (321)	569,168	15,242	13
Boiler Plant Equipment (322)			14
Other Power Production Equipment (323)			15
Steam Pumping Equipment (324)			16
Electric Pumping Equipment (325)	1,480,978	39,356	17
Diesel Pumping Equipment (326)	11,680		18
Hydraulic Pumping Equipment (327)			19
Other Pumping Equipment (328)	22,016		20
Total Pumping Plant	2,106,665	54,598	
WATER TREATMENT PLANT			
Land and Land Rights (330)	41,989		21
Structures and Improvements (331)	1,255,501	34,210	22
Water Treatment Equipment (332)	1,270,149	3,130	23
Total Water Treatment Plant	2,567,639	37,340	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	25,541		24
Structures and Improvements (341)			25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	0	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)			83,952	4
Structures and Improvements (311)			0	5
Collecting and Impounding Reservoirs (312)			0	6
Lake, River and Other Intakes (313)			1,968,150	7
Wells and Springs (314)			369,571	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			178,222	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	0	2,599,895	
PUMPING PLANT				
Land and Land Rights (320)			22,823	12
Structures and Improvements (321)		(12,182)	572,228	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)	500	(127,725)	1,392,109	17
Diesel Pumping Equipment (326)			11,680	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			22,016	20
Total Pumping Plant	500	(139,907)	2,020,856	
WATER TREATMENT PLANT				
Land and Land Rights (330)			41,989	21
Structures and Improvements (331)	5,000		1,284,711	22
Water Treatment Equipment (332)			1,273,279	23
Total Water Treatment Plant	5,000	0	2,599,979	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			25,541	24
Structures and Improvements (341)			0	25

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	1,849,931		26
Transmission and Distribution Mains (343)	9,703,091	918,278	27
Fire Mains (344)			28
Services (345)			29
Meters (346)	939,717	93,503	30
Hydrants (348)	548,696	104,997	31
Other Transmission and Distribution Plant (349)			32
Total Transmission and Distribution Plant	13,066,976	1,116,778	
GENERAL PLANT			
Land and Land Rights (389)	58,619		33
Structures and Improvements (390)	265,094	25,685	34
Office Furniture and Equipment (391)	14,360	2,390	35
Computer Equipment (391.1)	249,485		36
Transportation Equipment (392)	147,062	17,038	37
Stores Equipment (393)	15,426		38
Tools, Shop and Garage Equipment (394)	133,931	3,865	39
Laboratory Equipment (395)	21,993	919	40
Power Operated Equipment (396)	16,250		41
Communication Equipment (397)	12,366		42
SCADA Equipment (397.1)	0		43
Miscellaneous Equipment (398)	1,118		44
Other Tangible Property (399)			45
Total General Plant	935,704	49,897	
Total utility plant in service directly assignable	21,257,537	1,277,955	
Common Utility Plant Allocated to Water Department			46
Total utility plant in service	21,257,537	1,277,955	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			1,849,931	26
Transmission and Distribution Mains (343)	14,886		10,606,483	27
Fire Mains (344)			0	28
Services (345)			0	29
Meters (346)	41,627		991,593	30
Hydrants (348)	10,446	(2,021)	641,226	31
Other Transmission and Distribution Plant (349)			0	32
Total Transmission and Distribution Plant	66,959	(2,021)	14,114,774	
GENERAL PLANT				
Land and Land Rights (389)			58,619	33
Structures and Improvements (390)		(11,916)	278,863	34
Office Furniture and Equipment (391)			16,750	35
Computer Equipment (391.1)			249,485	36
Transportation Equipment (392)	9,435		154,665	37
Stores Equipment (393)			15,426	38
Tools, Shop and Garage Equipment (394)	1,210		136,586	39
Laboratory Equipment (395)			22,912	40
Power Operated Equipment (396)			16,250	41
Communication Equipment (397)			12,366	42
SCADA Equipment (397.1)		127,725	127,725	43
Miscellaneous Equipment (398)			1,118	44
Other Tangible Property (399)			0	45
Total General Plant	10,645	115,809	1,090,765	
Total utility plant in service directly assignable	83,104	(26,119)	22,426,269	
Common Utility Plant Allocated to Water Department			0	46
Total utility plant in service	83,104	(26,119)	22,426,269	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

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)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)				1
Collecting and Impounding Reservoirs (312)				2
Lake, River and Other Intakes (313)	694,784	1.67%	32,868	3
Wells and Springs (314)	369,571	2.94%		4
Infiltration Galleries and Tunnels (315)				5
Supply Mains (316)	37,260	1.77%	2,983	6
Other Water Source Plant (317)				7
Total Source of Supply Plant	1,101,615		35,851	
PUMPING PLANT				
Structures and Improvements (321)	96,901	2.43%	13,930	8
Boiler Plant Equipment (322)				9
Other Power Production Equipment (323)				10
Steam Pumping Equipment (324)				11
Electric Pumping Equipment (325)	712,218	4.42%	62,620	12
Diesel Pumping Equipment (326)	5,597	4.29%	501	13
Hydraulic Pumping Equipment (327)				14
Other Pumping Equipment (328)	6,871	4.29%	944	15
Total Pumping Plant	821,587		77,995	
WATER TREATMENT PLANT				
Structures and Improvements (331)	533,553	2.50%	31,406	16
Water Treatment Equipment (332)	440,392	3.24%	41,221	17
Total Water Treatment Plant	973,945		72,627	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)				18
Distribution Reservoirs and Standpipes (342)	377,169	1.86%	34,409	19
Transmission and Distribution Mains (343)	1,359,051	0.93%	92,935	20
Fire Mains (344)				21
Services (345)				22
Meters (346)	210,795	5.00%	49,085	23
Hydrants (348)	70,191	1.59%	9,227	24
Other Transmission and Distribution Plant (349)				25
Total Transmission and Distribution Plant	2,017,206		185,656	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

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					727,652	3
314					369,571	4
315					0	5
316					40,243	6
317					0	7
	0	0	0	0	1,137,466	
321					110,831	8
322					0	9
323					0	10
324					0	11
325	500		450	(11,482)	763,306	12
326					6,098	13
327					0	14
328					7,815	15
	500	0	450	(11,482)	888,050	
331	5,000				559,959	16
332					481,613	17
	5,000	0	0	0	1,041,572	
341					0	18
342					411,578	19
343	14,886	7,069		40,000	1,470,031	20
344					0	21
345					0	22
346	41,627		8,704		226,957	23
348	10,446	8,895	1,583		61,660	24
349					0	25
	66,959	15,964	10,287	40,000	2,170,226	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

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)	
GENERAL PLANT				
Structures and Improvements (390)	8,638	2.38%	6,509	26
Office Furniture and Equipment (391)	3,970	5.88%	939	27
Computer Equipment (391.1)	86,501	25.00%	62,470	28
Transportation Equipment (392)	59,073	10.56%	14,065	29
Stores Equipment (393)	3,695	5.88%	907	30
Tools, Shop and Garage Equipment (394)	69,155	6.25%	8,485	31
Laboratory Equipment (395)	8,859	5.88%	1,316	32
Power Operated Equipment (396)	(2,760)	6.07%	987	33
Communication Equipment (397)	7,371	10.00%	1,237	34
SCADA Equipment (397.1)	0	10.00%	6,386	35
Miscellaneous Equipment (398)	482	5.88%	66	36
Other Tangible Property (399)				37
Total General Plant	<u>244,984</u>		<u>103,367</u>	
Total accum. prov. directly assignable	5,159,337		475,496	
 Common Utility Plant Allocated to Water Department				 38
 Total accum. prov. for depreciation	 <u><u>5,159,337</u></u>		 <u><u>475,496</u></u>	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390					15,147	26
391				49	4,958	27
391.1				(49)	148,922	28
392	9,435		3,000		66,703	29
393					4,602	30
394	1,210		86		76,516	31
395					10,175	32
396					(1,773)	33
397					8,608	34
397.1				11,482	17,868	35
398					548	36
399					0	37
	10,645	0	3,086	11,482	352,274	
	83,104	15,964	13,823	40,000	5,589,588	
					0	38
	83,104	15,964	13,823	40,000	5,589,588	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

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	258,350	0	258,350	1
February	0	228,226	0	228,226	2
March	0	260,066	0	260,066	3
April	0	235,082	0	235,082	4
May	0	266,981	0	266,981	5
June	0	286,920	0	286,920	6
July	0	326,138	0	326,138	7
August	0	351,644	0	351,644	8
September	0	307,906	0	307,906	9
October	0	314,426	0	314,426	10
November	0	283,863	0	283,863	11
December	0	255,216	0	255,216	12
Total for year	0	3,374,818	0	3,374,818	
Less: Measured or estimated water used in main flushing and water treatment during year				62,791	13
Less: Other utility use					14
Other utility use explanation:					15
Water pumped into distribution system				3,312,027	16
Less: Water sold				3,330,264	17
Losses and unaccounted for				(18,237)	18
Percent unaccounted for to the nearest whole percent (%)				-1%	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					20
Maximum gallons pumped by all methods in any one day during reporting year				16,943,720	21
Date of maximum: 8/8/1997					22
Cause of maximum:					23
Minimum gallons pumped by all methods in any one day during reporting year				5,656,810	24
Date of minimum: 12/25/1997					25
Total KWH used for pumping for the year				4,748,765	26
If water is purchased: Vendor Name:					27
Point of Delivery:					28

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	13	3,500,000	Yes	1
COLLECTING WELL	B	86	13	5,000,000	No	2
COLLECTING WELL	C	84	13	5,000,000	Yes	3

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 INTAKES	1	9,000	27	48	1

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	1	10	11	1
Location	NORTH BACKWASH	3 LOLIFT	1 NY RESERVOIR	2
Purpose	S	P	S	3
Destination	T	T	D	4
Pump Manufacturer	PEERLESS	PEERLESS	DELAVAL	5
Year Installed	1972	1972	1972	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	CENTRIFUGAL	7
Actual Capacity (gpm)	17,400	7,000	1,400	8
Pump Motor or Standby Engine Mfr	IDEAL	U. S.	G. E.	10
Year Installed	1972	1972	1972	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	300	150	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	12	13	14	14
Location	2 NY RESERVOIR	4 NY RESERVOIR	A COLLECTOR	15
Purpose	P	S	S	16
Destination	D	D	D	17
Pump Manufacturer	DELAVAL	DELAVAL	LAYNE BOWLER	18
Year Installed	1970	1970	1945	19
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	20
Actual Capacity (gpm)	2,800	2,100	2,800	21
Pump Motor or Standby Engine Mfr	G. E.	GE/CATERPILLAR	G. E.	23
Year Installed	1972	1970	1945	24
Type	ELECTRIC	OTHER	ELECTRIC	25
Horsepower	200	150	250	26

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	15	16	17	1
Location	A COLLECTOR	B COLLECTOR	B COLLECTOR	2
Purpose	S	S	S	3
Destination	D	D	D	4
Pump Manufacturer	STERLING	PEERLESS	LAYNE BOWLER	5
Year Installed	1945	1968	1970	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,200	1,800	1,200	8
Pump Motor or Standby Engine Mfr	G. E.	G. E.	G. E.	10
Year Installed	1945	1968	1970	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	125	125	250	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	18	19	2	14
Location	B COLLECTOR	C COLLECTOR	SOUTH BACKWASH	15
Purpose	S	P	P	16
Destination	D	D	T	17
Pump Manufacturer	LAYNE BOWLER	PEERLESS	PEERLESS	18
Year Installed	1968	1994	1972	19
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,800	2,300	17,400	21
Pump Motor or Standby Engine Mfr	G. E.	U. S. MOTORS	IDEAL	23
Year Installed	1968	1994	1972	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	500	250	300	26

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	20	21	22	1
Location	C COLLECTOR	1 SOUTHWEST	2 SOUTHWEST	2
Purpose	P	S	P	3
Destination	D	D	D	4
Pump Manufacturer	PEERLESS	ALLIS-CHALMERS	ALLIS-CHALMERS	5
Year Installed	1994	1987	1987	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,000	200	600	8
Pump Motor or Standby Engine Mfr	U. S. MOTORS	G. E.	G. E.	10
Year Installed	1994	1987	1987	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	5	15	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	23	3	4	14
Location	3 SOUTHWEST	NO. 1 RECLAIM	NO. 2 RECLAIM	15
Purpose	B	P	S	16
Destination	D	T	T	17
Pump Manufacturer	ALLIS-CHALMERS	KROGH	KROGH	18
Year Installed	1987	1972	1972	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	3,000	1,400	1,400	21
Pump Motor or Standby Engine Mfr	G. E.	U. S.	U. S.	23
Year Installed	1987	1972	1972	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	15	15	26

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	5	6	7	1
Location	1 HILIFT	2 HILIFT	3 HILIFT	2
Purpose	P	P	P	3
Destination	R	R	D	4
Pump Manufacturer	AMERICAN	AMERICAN	PEERLESS	5
Year Installed	1972	1972	1972	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,400	3,150	4,180	8
Pump Motor or Standby Engine Mfr	BURKE	BURKE	U. S.	10
Year Installed	1972	1972	1972	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	100	250	300	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	8	9		14
Location	1 LOLIFT	2 LOLIFT		15
Purpose	S	S		16
Destination	D	D		17
Pump Manufacturer	LAYNE	PEERLESS		18
Year Installed	1972	1972		19
Type	CENTRIFUGAL	CENTRIFUGAL		20
Actual Capacity (gpm)	4,000	7,000		21
Pump Motor or Standby Engine Mfr	U. S.	U. S.		23
Year Installed	1972	1972		24
Type	ELECTRIC	ELECTRIC		25
Horsepower	125	150		26

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	REED AVENUE	GROUND STORAGE BLDG.	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	ET	R	3
Year constructed	1995	1938	1970	4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	CONCRETE	5
Elevation difference in feet (See Headnote 3.)	185	180	0	6
Total capacity in gallons	1,250,000	1,500,000	5,000,000	7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)	OTHER	OTHER	GAS	9
Points of application (wellhouse, central facilities, booster station, other)	OTHER	OTHER	BOOSTER STATION	10
Filters, type (gravity, pressure, other, none)	NONE	NONE	OTHER	11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.0000	0.0000	12.0000	12
Is a corrosion control chemical used (yes, no)?	Y	Y	Y	13
Is water fluoridated (yes, no)?	Y	Y	Y	14

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.

Number of Feet							
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)
L	D	0.500	178				178
L	D	0.625	67				67
M	D	0.750	320				320
M	D	1.000	490				490
L	D	1.500	540				540
M	D	2.000	1,945				1,945
M	D	4.000	7,710				7,710
M	D	6.000	418,680				418,680
P	D	6.000	22,036	422	1,940		20,518
M	D	8.000	105,951				105,951
P	D	8.000	26,487	14,066	7		40,546
M	D	10.000	25,913				25,913
M	D	12.000	120,637				120,637
P	D	12.000	21,289	5,346			26,635
M	T	16.000	39,634	1,015			40,649
M	T	20.000	19,683	4,260			23,943
M	T	24.000	18,273				18,273
Total Within Municipality			829,833	25,109	1,947	0	852,995
M	T	24.000	2,500				2,500
Total Outside of Municipality			2,500	0	0	0	2,500
Total Utility			832,333	25,109	1,947	0	855,495

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	0.625	5,124				5,124		1
L	0.750	1,849				1,849		2
M	0.750	2,818	1	51		2,768		3
L	1.000	434				434		4
M	1.000	3,068	84	0		3,152		5
L	1.250	8				8		6
L	1.500	2		2		0		7
M	1.500	125	14	0		139		8
M	2.000	155	3			158		9
P	4.000	18	2			20		10
M	4.000	133				133		11
M	6.000	86				86		12
P	6.000	16	7			23		13
M	8.000	52				52		14
P	8.000	34	8			42		15
M	10.000	2				2		16
M	12.000	6				6		17
P	12.000	3	2			5		18
Total Utility		13,933	121	53	0	14,001	0	

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 (a).

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	6,258	612	735	(1)	6,134	1,070	1
0.750	5,740	336	150	(1)	5,925	682	2
1.000	418	16	15	0	419	67	3
1.500	114	6	0	1	121	19	4
2.000	220	20	0	(1)	239	25	5
3.000	53	9	2	1	61	11	6
4.000	36	5	1	(1)	39	6	7
6.000	32	0	1	1	32	12	8
8.000	1	0	0	0	1		9
Total:	12,872	1,004	904	(1)	12,971	1,892	

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	5,723	238	12	0	0	161	6,134	1
0.750	5,389	351	31	8	0	146	5,925	2
1.000	163	180	21	15	1	39	419	3
1.500	6	65	8	15	0	27	121	4
2.000	4	97	32	25	1	80	239	5
3.000	0	8	17	14	0	22	61	6
4.000	0	11	10	6	1	11	39	7
6.000	0	3	14	2	2	11	32	8
8.000	0	0	1	0	0	0	1	9
Total:	11,285	953	146	85	5	497	12,971	

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)	
Fire Hydrants						
Outside of Municipality					0	1
Within Municipality	996	77	17		1,056	2
Total Fire Hydrants	996	77	17	0	1,056	
Flushing Hydrants						
					0	3
Total Flushing Hydrants	0	0	0	0	0	

Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year

Number of hydrants operated during year:	600
Number of distribution system valves end of year:	1,750
Number of distribution valves operated during year:	900

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

SALES EXPENSE - Sales Expenses (910) should be zero. We have costs for Advertising Expense (913) so we put these costs in (910) so the Total Operation and Maintenance Expenses will be correct.

- Account 633 - Decrease - Major Main Done in 1996
 - Account 640 - Increase - Payroll
 - Account 642 - Decrease - Payroll
 - Account 643 - Decrease - Payroll
 - Account 651 - Decrease - Payroll
 - Account 652 - Increase - Payroll
 - Account 660 - Increase - Payroll
 - Account 665 - Increase - Payroll
 - Account 673 - Decrease - Less Mains Repaired
 - Account 677 - Increase - More Hydrants Installed
-

Water Utility Plant in Service (Page W-08)

ACCOUNT 316 - Column C = \$19,342 = Butterfly Valve in Raw Station for Power Plant Pump Control

ACCOUNT 321 - Column C = \$15,242 = Chain Link Fence

ACCOUNT 321 - Column F = \$(12,182) = Dewey St. Property - Part of Chain Link fence - Transfer to Electric Account 393

ACCOUNT 325 - Column C = \$8,597 = Automatic Transfer Switch
= \$30,759 = Redundant Power Source Lines from WPSC to Collector "C"

ACCOUNT 325 - Column F = \$(127,725) = Reclassify to Account 397 - SCADA

ACCOUNT 331 - Column C = \$25,635 = Electric Makeup Air Unit
\$5,498 = Replace Air Conditioning Unit
\$846 = Electrical Antenna's for Cellular Phones
\$2,231 = Heater in Workshop Area

ACCOUNT 348 - Column F = \$2,021 = Returned to inventory

ACCOUNT 390 - Column C = \$10,329 = Gravel Base for Pole Storage Yard
= \$15,357 = Chain Link Fence

ACCOUNT 390 - Column F = \$10,329 = Transfer to Electric Account 390
Column F = \$1,587 = Transfer to Electric Account 393

ACCOUNT 392 - Column C = \$17,038 = New Truck #25

ACCOUNT 397.1 - Column F = \$127,725 = Reclassify from Account 325 - SCADA

WATER OPERATING SECTION FOOTNOTES

Accumulated Provision for Depreciation - Water (Page W-10)

ACCOUNT 396 - 1997 Balance First of Year is a negative balance of \$(2,759.84) due to a fork lift being retired in 6/96.

ACCOUNT 397.1 - Accruals during the year are for six months because of a transfer from Account 397 - 7/1/97-12/31/97.

ACCOUNT 397.1 - Adjustments Column is six months of Accruals for SCAD~~F~~ transferred from Account 325 - 1/1/97-6/30/97 per PSC Order.

Water Mains (Page W-17)

Watermains within the corporate limits of the City of Manitowoc, Wisconsin are extended in accordance with the requirement of section 144.04 as ammended 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.

Water Services (Page W-18)

Water Services are privately owned.

Property owner is billed for services installed.

ELECTRIC OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Electricity		
Sales of Electricity (440-448)	25,350,174	1
Total Sales of Electricity	25,350,174	
Other Operating Revenues		
Forfeited Discounts (450)	46,683	2
Miscellaneous Service Revenues (451)	510,471	3
Sales of Water and Water Power (453)	0	4
Rent from Electric Property (454)	231,383	5
Interdepartmental Rents (455)	22,080	6
Other Electric Revenues (456)	1,911,839	7
Total Other Operating Revenues	2,722,456	
Total Operating Revenues	28,072,630	
Operation and Maintenance Expenses		
Power Production Expenses (500-557)	17,442,914	8
Transmission Expenses (560-573)	100,238	9
Distribution Expenses (580-598)	695,165	10
Customer Accounts Expenses (901-905)	267,154	11
Sales Expenses (911-916)	110,796	12
Administrative and General Expenses (920-932)	1,955,823	13
Total Operation and Maintenance Expenses	20,572,090	
Other Expenses		
Depreciation Expense (403)	2,522,631	14
Amortization Expense (404-407)		15
Taxes (408)	1,715,956	16
Total Other Expenses	4,238,587	
Total Operating Expenses	24,810,677	
NET OPERATING INCOME	3,261,953	

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 \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.

Particulars (a)	Amount (b)	
Forfeited Discounts (450):		
Forfeited Discounts	46,683	1
Total Forfeited Discounts (450)	46,683	
Miscellaneous Service Revenues (451):		
Electric Data Processing Revenue	509,591	2
NSF Check Charge	880	3
Total Miscellaneous Service Revenues (451)	510,471	
Sales of Water and Water Power (453):		
NONE		4
Total Sales of Water and Water Power (453)	0	
Rent from Electric Property (454):		
Pole Contract Rental	117,074	5
Lease Agreement-WPS Trans/Substation	114,273	6
Misc Rent From Electric Property	36	7
Total Rent from Electric Property (454)	231,383	
Interdepartmental Rents (455):		
Water Utility	22,080	8
Total Interdepartmental Rents (455)	22,080	
Other Electric Revenues (456):		
Steam & Hot Water Sales	1,903,139	9
Wisconsin Sales Tax Allowance	5,027	10
Misc Other Revenues	3,673	11
Total Other Electric Revenues (456)	1,911,839	

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)	Amount (b)	
POWER PRODUCTION EXPENSES		
STEAM POWER GENERATION EXPENSES		
Operation Supervision and Engineering (500)	70,680	1
Fuel (501)	6,861,420	2
Steam Expenses (502)	575,616	3
Steam from Other Sources (503)		4
Steam Transferred -- Credit (504)		5
Electric Expenses (505)	436,527	6
Miscellaneous Steam Power Expenses (506)	754,313	7
Rents (507)	1,180	8
Maintenance Supervision and Engineering (510)	76,283	9
Maintenance of Structures (511)	33,601	10
Maintenance of Boiler Plant (512)	984,816	11
Maintenance of Electric Plant (513)	748,808	12
Maintenance of Miscellaneous Steam Plant (514)	42,629	13
Total Steam Power Generation Expenses	10,585,873	
HYDRAULIC POWER GENERATION EXPENSES		
Operation Supervision and Engineering (535)		14
Water for Power (536)		15
Hydraulic Expenses (537)		16
Electric Expenses (538)		17
Miscellaneous Hydraulic Power Generation Expenses (539)		18
Rents (540)		19
Maintenance Supervision and Engineering (541)		20
Maintenance of Structures (542)		21
Maintenance of Reservoirs, Dams and Waterways (543)		22
Maintenance of Electric Plant (544)		23
Maintenance of Miscellaneous Hydraulic Plant (545)		24
Total Hydraulic Power Generation Expenses	0	
OTHER POWER GENERATION EXPENSES		
Operation Supervision and Engineering (546)	5,427	25
Fuel (547)	88,106	26
Generation Expenses (548)	242	27

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)	Amount (b)	
POWER PRODUCTION EXPENSES		
OTHER POWER GENERATION EXPENSES		
Miscellaneous Other Power Generation Expenses (549)	10,624	28
Rents (550)		29
Maintenance Supervision and Engineering (551)		30
Maintenance of Structures (552)		31
Maintenance of Generating and Electric Plant (553)	50,590	32
Maintenance of Miscellaneous Other Power Generating Plant (554)		33
Total Other Power Generation Expenses	154,989	
OTHER POWER SUPPLY EXPENSES		
Purchased Power (555)	6,687,530	34
System Control and Load Dispatching (556)	14,522	35
Other Expenses (557)		36
Total Other Power Supply Expenses	6,702,052	
Total Power Production Expenses	17,442,914	
TRANSMISSION EXPENSES		
Operation Supervision and Engineering (560)	3,503	37
Load Dispatching (561)	4,487	38
Station Expenses (562)	6,935	39
Overhead Line Expenses (563)	47,982	40
Underground Line Expenses (564)		41
Miscellaneous Transmission Expenses (566)	16,369	42
Rents (567)	3,292	43
Maintenance Supervision and Engineering (568)	3,965	44
Maintenance of Structures (569)		45
Maintenance of Station Equipment (570)	13,705	46
Maintenance of Overhead Lines (571)		47
Maintenance of Underground Lines (572)		48
Maintenance of Miscellaneous Transmission Plant (573)		49
Total Transmission Expenses	100,238	
DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (580)	80,538	50

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)	Amount (b)	
DISTRIBUTION EXPENSES		
Load Dispatching (581)		51
Station Expenses (582)	8,096	52
Overhead Line Expenses (583)	129,446	53
Underground Line Expenses (584)	27,221	54
Street Lighting and Signal System Expenses (585)	33,469	55
Meter Expenses (586)	66,765	56
Customer Installations Expenses (587)	5,607	57
Miscellaneous Distribution Expenses (588)	222,743	58
Rents (589)	875	59
Maintenance Supervision and Engineering (590)	30,644	60
Maintenance of Structures (591)	783	61
Maintenance of Station Equipment (592)	9,718	62
Maintenance of Overhead Lines (593)	43,012	63
Maintenance of Underground Lines (594)	5,009	64
Maintenance of Line Transformers (595)	6,379	65
Maintenance of Street Lighting and Signal Systems (596)	24,992	66
Maintenance of Meters (597)	(132)	67
Maintenance of Miscellaneous Distribution Plant (598)		68
Total Distribution Expenses	695,165	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	16,773	69
Meter Reading Expenses (902)	81,647	70
Customer Records and Collection Expenses (903)	149,221	71
Uncollectible Accounts (904)	23,839	72
Miscellaneous Customer Accounts Expenses (905)	(4,326)	73
Total Customer Accounts Expenses	267,154	
SALES EXPENSES		
Supervision (911)		74
Demonstrating and Selling Expenses (912)	109,920	75
Advertising Expenses (913)	876	76

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)	Amount (b)	
SALES EXPENSES		
Miscellaneous Sales Expenses (916)		77
Total Sales Expenses	110,796	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	638,996	78
Office Supplies and Expenses (921)	121,490	79
Administrative Expenses Transferred -- Credit (922)	146,070	80
Outside Services Employed (923)	176,015	81
Property Insurance (924)	69,835	82
Injuries and Damages (925)	83,891	83
Employee Pensions and Benefits (926)	784,197	84
Regulatory Commission Expenses (928)	4,107	85
Duplicate Charges -- Credit (929)		86
Miscellaneous General Expenses (930)	18,222	87
Rents (931)	23,664	88
Maintenance of General Plant (932)	181,476	89
Total Administrative and General Expenses	1,955,823	
 Total Operation and Maintenance Expenses	20,572,090	

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)	Amount (c)	
Property Tax Equivalent		1,456,295	1
Social Security		220,689	2
Wisconsin Gross Receipts Tax		1,136	3
PSC Remainder Assessment		37,540	4
Other (specify): Real Estate Tax-Key #000-221-070-6		296	5
Total tax expense		<u>1,715,956</u>	

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, 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 § 66.069(1)(c). 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
SUMMARY OF TAX RATES							2
State tax rate	mills						3
County tax rate	mills						4
Local tax rate	mills		6.998800				5
School tax rate	mills		11.095600				6
Voc. school tax rate	mills		1.747700				7
Other tax rate - Local	mills						8
Other tax rate - Non-Local	mills						9
Total tax rate	mills		19.842100				10
Less: state credit	mills		1.575500				11
Net tax rate	mills		18.266600				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		6.998800				14
Combined School Tax Rate	mills		12.843300				15
Other Tax Rate - Local	mills						16
Total Local & School Tax	mills		19.842100				17
Total Tax Rate	mills		19.842100				18
Ratio of Local and School Tax to Total	dec.		1.000000				19
Total tax net of state credit	mills		18.266600				20
Net Local and School Tax Rate	mills		18.266600				21
Utility Plant, Jan. 1	\$	74,982,736	74,982,736				22
Materials & Supplies	\$	671,140	671,140				23
Subtotal	\$	75,653,876	75,653,876				24
Less: Plant Outside Limits	\$	111,335	111,335				25
Taxable Assets	\$	75,542,541	75,542,541				26
Assessment Ratio	dec.		0.904500				27
Assessed Value	\$	68,328,228	68,328,228				28
Net Local & School Rate	mills		18.266600				29
Tax Equiv. Computed for Current Year	\$	1,248,124	1,248,124				30
Tax Equivalent per 1994 PSC Report	\$	1,456,295					31
Any lower tax equivalent as authorized by municipality (see note 5)	\$						32 33
Tax equiv. for current year (see note 5)	\$	1,456,295					34

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
INTANGIBLE PLANT			
Organization (301)			1
Franchises and Consents (302)			2
Miscellaneous Intangible Plant (303)			3
Total Intangible Plant	0	0	
STEAM PRODUCTION PLANT			
Land and Land Rights (310)	286,988		4
Structures and Improvements (311)	5,618,356	45,530	5
Boiler Plant Equipment (312)	31,977,831	778,912	6
Engines and Engine Driven Generators (313)			7
Turbogenerator Units (314)	4,976,990	212,954	8
Accessory Electric Equipment (315)	1,645,954	2,308	9
Miscellaneous Power Plant Equipment (316)	254,224		10
Total Steam Production Plant	44,760,343	1,039,704	
HYDRAULIC PRODUCTION PLANT			
Land and Land Rights (330)			11
Structures and Improvements (331)			12
Reservoirs, Dams and Waterways (332)			13
Water Wheels, Turbines and Generators (333)			14
Accessory Electric Equipment (334)			15
Miscellaneous Power Plant Equipment (335)			16
Roads, Railroads and Bridges (336)			17
Total Hydraulic Production Plant	0	0	
OTHER PRODUCTION PLANT			
Land and Land Rights (340)			18
Structures and Improvements (341)	352,901		19
Fuel Holders, Producers and Accessories (342)	221,648		20
Prime Movers (343)	4,483,974	78,627	21
Generators (344)	653,889		22
Accessory Electric Equipment (345)	397,376		23
Miscellaneous Power Plant Equipment (346)			24
Total Other Production Plant	6,109,788	78,627	
TRANSMISSION PLANT			
Land and Land Rights (350)	132,610		25

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	0	
STEAM PRODUCTION PLANT				
Land and Land Rights (310)			286,988	4
Structures and Improvements (311)	200		5,663,686	5
Boiler Plant Equipment (312)			32,756,743	6
Engines and Engine Driven Generators (313)			0	7
Turbogenerator Units (314)	14,819		5,175,125	8
Accessory Electric Equipment (315)			1,648,262	9
Miscellaneous Power Plant Equipment (316)			254,224	10
Total Steam Production Plant	15,019	0	45,785,028	
HYDRAULIC PRODUCTION PLANT				
Land and Land Rights (330)			0	11
Structures and Improvements (331)			0	12
Reservoirs, Dams and Waterways (332)			0	13
Water Wheels, Turbines and Generators (333)			0	14
Accessory Electric Equipment (334)			0	15
Miscellaneous Power Plant Equipment (335)			0	16
Roads, Railroads and Bridges (336)			0	17
Total Hydraulic Production Plant	0	0	0	
OTHER PRODUCTION PLANT				
Land and Land Rights (340)			0	18
Structures and Improvements (341)			352,901	19
Fuel Holders, Producers and Accessories (342)			221,648	20
Prime Movers (343)	35,000		4,527,601	21
Generators (344)			653,889	22
Accessory Electric Equipment (345)			397,376	23
Miscellaneous Power Plant Equipment (346)			0	24
Total Other Production Plant	35,000	0	6,153,415	
TRANSMISSION PLANT				
Land and Land Rights (350)			132,610	25

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
TRANSMISSION PLANT			
Structures and Improvements (352)			26
Station Equipment (353)	2,500,871	17,993	27
Towers and Fixtures (354)			28
Poles and Fixtures (355)	103,004	45,325	29
Overhead Conductors and Devices (356)	142,973	102,902	30
Underground Conduit (357)			31
Underground Conductors and Devices (358)			32
Roads and Trails (359)			33
Total Transmission Plant	2,879,458	166,220	
DISTRIBUTION PLANT			
Land and Land Rights (360)	23,103	86	34
Structures and Improvements (361)			35
Station Equipment (362)	1,521,445	9,507	36
Storage Battery Equipment (363)			37
Poles, Towers and Fixtures (364)	2,285,906	121,706	38
Overhead Conductors and Devices (365)	2,967,985	131,951	39
Underground Conduit (366)	318,550	28,642	40
Underground Conductors and Devices (367)	1,639,756	378,687	41
Line Transformers (368)	2,900,603	177,655	42
Services (369)	1,044,901	85,153	43
Meters (370)	1,148,687	78,711	44
Installations on Customers' Premises (371)	272,395	46,350	45
Leased Property on Customers' Premises (372)			46
Street Lighting and Signal Systems (373)	1,507,773	49,229	47
Total Distribution Plant	15,631,104	1,107,677	
GENERAL PLANT			
Land and Land Rights (389)	155,540	12,845	48
Structures and Improvements (390)	874,137	93,457	49
Office Furniture and Equipment (391)	166,847		50
Computer Equipment (391.1)	1,324,274	98,877	51
Transportation Equipment (392)	823,519	133,644	52
Stores Equipment (393)	62,216	16,929	53
Tools, Shop and Garage Equipment (394)	279,637	4,635	54
Laboratory Equipment (395)	85,548		55
Power Operated Equipment (396)	60,320	9,000	56
Communication Equipment (397)	260,020	6,080	57

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION PLANT				
Structures and Improvements (352)			0	26
Station Equipment (353)	5,402		2,513,462	27
Towers and Fixtures (354)			0	28
Poles and Fixtures (355)	4,762		143,567	29
Overhead Conductors and Devices (356)	16,963		228,912	30
Underground Conduit (357)			0	31
Underground Conductors and Devices (358)			0	32
Roads and Trails (359)			0	33
Total Transmission Plant	27,127	0	3,018,551	
DISTRIBUTION PLANT				
Land and Land Rights (360)			23,189	34
Structures and Improvements (361)			0	35
Station Equipment (362)			1,530,952	36
Storage Battery Equipment (363)			0	37
Poles, Towers and Fixtures (364)	37,518		2,370,094	38
Overhead Conductors and Devices (365)	53,065		3,046,871	39
Underground Conduit (366)	4,619		342,573	40
Underground Conductors and Devices (367)	53,826		1,964,617	41
Line Transformers (368)	31,551		3,046,707	42
Services (369)	6,042		1,124,012	43
Meters (370)	11,159		1,216,239	44
Installations on Customers' Premises (371)	9,873		308,872	45
Leased Property on Customers' Premises (372)			0	46
Street Lighting and Signal Systems (373)	16,196		1,540,806	47
Total Distribution Plant	223,849	0	16,514,932	
GENERAL PLANT				
Land and Land Rights (389)			168,385	48
Structures and Improvements (390)	4,743	10,329	973,180	49
Office Furniture and Equipment (391)	1,507		165,340	50
Computer Equipment (391.1)			1,423,151	51
Transportation Equipment (392)	149,763		807,400	52
Stores Equipment (393)	2,127	13,769	90,787	53
Tools, Shop and Garage Equipment (394)			284,272	54
Laboratory Equipment (395)			85,548	55
Power Operated Equipment (396)			69,320	56
Communication Equipment (397)	2		266,098	57

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
GENERAL PLANT			
Miscellaneous Equipment (398)	1,942		58
Other Tangible Property (399)	475,225		59
Total General Plant	4,569,225	375,467	
Total utility plant in service directly assignable	73,949,918	2,767,695	
<u>Common Utility Plant Allocated to Electric Department</u>			60
 Total utility plant in service	73,949,918	2,767,695	

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
GENERAL PLANT			
Miscellaneous Equipment (398)			1,942 58
Other Tangible Property (399)			475,225 59
Total General Plant	158,142	24,098	4,810,648
Total utility plant in service directly assignable	459,137	24,098	76,282,574
Common Utility Plant Allocated to Electric Department			0 60
Total utility plant in service	459,137	24,098	76,282,574

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

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)	
STEAM PRODUCTION PLANT				
Structures and Improvements (311)	1,648,086	2.08%	116,993	1
Boiler Plant Equipment (312)	8,626,862	3.33%	1,065,049	2
Engines and Engine Driven Generators (313)				3
Turbogenerator Units (314)	4,353,887	2.97%	149,144	4
Accessory Electric Equipment (315)	939,454	2.63%	43,314	5
Miscellaneous Power Plant Equipment (316)	124,539	3.13%	7,958	6
Total Steam Production Plant	15,692,828		1,382,458	
HYDRAULIC PRODUCTION PLANT				
Structures and Improvements (331)				7
Reservoirs, Dams and Waterways (332)				8
Water Wheels, Turbines and Generators (333)				9
Accessory Electric Equipment (334)				10
Miscellaneous Power Plant Equipment (335)				11
Roads, Railroads and Bridges (336)				12
Total Hydraulic Production Plant	0		0	
OTHER PRODUCTION PLANT				
Structures and Improvements (341)	139,573	3.57%	12,599	13
Fuel Holders, Producers and Accessories (342)	87,700	3.57%	7,913	14
Prime Movers (343)	1,774,041	3.57%	160,726	15
Generators (344)	258,694	3.57%	23,344	16
Accessory Electric Equipment (345)	151,447	3.57%	14,187	17
Miscellaneous Power Plant Equipment (346)				18
Total Other Production Plant	2,411,455		218,769	
TRANSMISSION PLANT				
Structures and Improvements (352)				19
Station Equipment (353)	1,261,898	2.94%	73,692	20
Towers and Fixtures (354)				21
Poles and Fixtures (355)	89,243	3.70%	4,437	22
Overhead Conductors and Devices (356)	79,183	3.33%	5,953	23
Underground Conduit (357)				24
Underground Conductors and Devices (358)				25

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)

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	200	15,974			1,748,905	1
312			1,907		9,693,818	2
313					0	3
314	14,819	1,382			4,486,830	4
315		3,271			979,497	5
316					132,497	6
	15,019	20,627	1,907	0	17,041,547	
331					0	7
332					0	8
333					0	9
334					0	10
335					0	11
336					0	12
	0	0	0	0	0	
341					152,172	13
342					95,613	14
343	35,000	500			1,899,267	15
344					282,038	16
345					165,634	17
346					0	18
	35,000	500	0	0	2,594,724	
352					0	19
353	5,402	4,005			1,326,183	20
354					0	21
355	4,762	120			88,798	22
356	16,963	408	4,411		72,176	23
357					0	24
358					0	25

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

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)	
TRANSMISSION PLANT				
Roads and Trails (359)				26
Total Transmission Plant	1,430,324		84,082	
DISTRIBUTION PLANT				
Structures and Improvements (361)				27
Station Equipment (362)	515,522	4.17%	63,663	28
Storage Battery Equipment (363)				29
Poles, Towers and Fixtures (364)	900,742	3.67%	84,301	30
Overhead Conductors and Devices (365)	908,603	3.60%	107,527	31
Underground Conduit (366)	123,462	2.00%	6,316	32
Underground Conductors and Devices (367)	419,300	2.97%	50,701	33
Line Transformers (368)	1,042,690	3.00%	88,760	34
Services (369)	417,645	4.63%	49,315	35
Meters (370)	478,469	3.60%	42,207	36
Installations on Customers' Premises (371)	120,738	6.92%	18,329	37
Leased Property on Customers' Premises (372)				38
Street Lighting and Signal Systems (373)	436,060	3.91%	58,973	39
Total Distribution Plant	5,363,231		570,092	
GENERAL PLANT				
Structures and Improvements (390)	399,454	2.38%	20,825	40
Office Furniture and Equipment (391)	112,791	5.88%	7,743	41
Computer Equipment (391.1)	691,223	14.29%	191,436	42
Transportation Equipment (392)	629,065	15.00%	57,832	43
Stores Equipment (393)	51,466	4.00%	2,798	44
Tools, Shop and Garage Equipment (394)	165,459	6.67%	18,787	45
Laboratory Equipment (395)	57,057	5.56%	4,757	46
Power Operated Equipment (396)	45,762	12.50%	8,383	47
Communication Equipment (397)	76,822	6.67%	17,406	48
Miscellaneous Equipment (398)	696	4.76%	93	49
Other Tangible Property (399)	282,519	3.33%	15,825	50
Total General Plant	2,512,314		345,885	
Total accum. prov. directly assignable	27,410,152		2,601,286	

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
359					0	26
	27,127	4,533	4,411	0	1,487,157	
361					0	27
362					579,185	28
363					0	29
364	37,518	17,825	6,190		935,890	30
365	53,065	31,234	19,534		951,365	31
366	4,619	1,996	241		123,404	32
367	53,826	6,044	4,689		414,820	33
368	31,551		18,574		1,118,473	34
369	6,042	6,733	27	14,000	468,212	35
370	11,159	659	2,925		511,783	36
371	9,873	1,384	5,275		133,085	37
372					0	38
373	16,196	2,363	9,525		485,999	39
	223,849	68,238	66,980	14,000	5,722,216	
390	4,743	14,788	44		400,792	40
391	1,507				119,027	41
391.1					882,659	42
392	149,763		18,400		555,534	43
393	2,127				52,137	44
394					184,246	45
395					61,814	46
396					54,145	47
397	2				94,226	48
398					789	49
399					298,344	50
	158,142	14,788	18,444	0	2,703,713	
	459,137	108,686	91,742	14,000	29,549,357	

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC

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)
Common Utility Plant Allocated to Electric Department			51
Total accum. prov. for depreciation	<u><u>27,410,152</u></u>		<u><u>2,601,286</u></u>

ACCUMULATED PROVISION FOR DEPRECIATION - ELECTRIC (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)
					0 51
	459,137	108,686	91,742	14,000	29,549,357

TRANSMISSION AND DISTRIBUTION LINES

Classification (a)	Miles of Pole Line Owned		
	Net Additions During Year (b)	Total End of Year (c)	
Primary Distribution System Voltage(s) -- Urban			
2.4/4.16 kV (4kV)			1
7.2/12.5 kV (12kV)			2
14.4/24.9 kV (25kV)			3
Other:			
Overhead Primary 7.62/13.2 (15kV)	-0.01	132.81	4
Underground Primary 7.62/13.2 (15kV)	34.17	34.17	5
Overhead Secondary	-0.09	209.36	6
Underground Secondary	-30.62	35.93	7
Primary Distribution System Voltage(s) -- Rural			
2.4/4.16 kV (4kV)			8
7.2/12.5 kV (12kV)			9
14.4/24.9 kV (25kV)			10
Other:			
NONE			11
Transmission System			
34.5 kV			12
69 kV	-0.03	9.30	13
115 kV			14
138 kV			15
Other:			
NONE			16

RURAL LINE CUSTOMERS

Rural lines are those serving mainly rural or farm customers. Farm customers are those on a tract of land, 10 or more acres used mainly to produce farm products, or those on any place of 10 acres or less where customer devotes his entire time thereon to agriculture. Rural customers are those billed under distinct rural or farm rates.

Particulars (a)	Amount (b)	
Customers added on rural lines during year:		1
Farm Customers		2
Nonfarm Customers		3
Total	0	4
Customers on rural lines at end of year:		5
Rural Customers (served at rural rates):		6
Farm		7
Nonfarm	57	8
Total	57	9
Customers served at other than rural rates:		10
Farm		11
Nonfarm		12
Total	0	13
Total customers on rural lines at end of year	57	14

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	84,500	Tuesday	01/28/1997	18:00	45,618	1
February	02	80,000	Thursday	02/20/1997	13:00	40,939	2
March	03	79,500	Tuesday	03/04/1997	13:00	43,458	3
April	04	78,300	Monday	04/07/1997	13:00	42,427	4
May	05	78,500	Tuesday	05/13/1997	13:00	42,178	5
June	06	88,500	Tuesday	06/24/1997	13:00	43,880	6
July	07	95,040	Wednesday	07/16/1997	11:40	47,318	7
August	08	91,200	Wednesday	08/27/1997	11:50	48,376	8
September	09	89,300	Wednesday	09/17/1997	11:30	46,212	9
October	10	82,600	Thursday	10/09/1997	11:00	46,435	10
November	11	80,700	Thursday	11/13/1997	18:00	43,256	11
December	12	83,200	Thursday	12/04/1997	17:00	44,866	12
Total		1,011,340				534,963	

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	
-----------------------	--

ELECTRIC ENERGY ACCOUNT

Particulars (a)	kWh (000's) (b)	
Source of Energy		
Generation (excluding Station Use):		
Fossil Steam	243,092	1
Nuclear Steam		2
Hydraulic		3
Internal Combustion Turbine	2,241	4
Internal Combustion Reciprocating		5
Non-Conventional (wind, photovoltaic, etc.)		6
Total Generation	245,333	7
Purchases		8
Interchanges: In (gross)	289,630	9
Out (gross)		10
Net	289,630	11
Transmission for/by others (wheeling): Received		12
Delivered		13
Net	0	14
Total Source of Energy	534,963	15
Disposition of Energy		
Sales to Ultimate Consumers (including interdepartmental sales)	516,814	18
Sales For Resale	484	19
Energy Used by the Company (excluding station use):		20
Electric Utility	538	21
Common (office, shops, garages, etc. serving 2 or more util. depts.)		22
Total Used by Company	538	23
Total Sold and Used	517,836	24
Energy Losses:		25
Transmission Losses (if applicable)		26
Distribution Losses	17,127	27
Total Energy Losses	17,127	28
Loss Percentage (% Total Energy Losses of Total Source of Energy)	3.2015%	29
Total Disposition of Energy	534,963	30

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)	(f)
Residential Sales					
RG-1	RG-1	14,535	91,369	1	
COMMERICAL & INDUSTRIAL	SL-1	290	1,268	2	
REDIDENTIAL	SL-1	42	74	3	
Total Sales for Residential Sales		14,867	92,711		
Commercial & Industrial					
CG-1	CG-1	1,476	56,119	4	
CP-1	CP-1	62	28,554	5	
CP-2	CP-2	25	36,331	6	
CP-3	CP-3	34	223,098	7	
CP-4	CP-4	2	76,032	8	
Total Sales for Commercial & Industrial		1,599	420,134		
Public Street & Highway Lighting					
GENERAL	MS-1	1	3,135	9	
ORNAMENTAL	MS-1		829	10	
Total Sales for Public Street & Highway Lighting		1	3,964		
Sales for Resale					
WISCONSIN PUBLIC SERVICE CORP		1	484	11	
Total Sales for Sales for Resale		1	484		
TOTAL SALES FOR ELECTRICITY		16,468	517,293		

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)	
		6,089,167	(67,688)	6,021,479	1
		85,939	(1,135)	84,804	2
		8,941		8,941	3
0	0	6,184,047	(68,823)	6,115,224	
		3,464,454	(42,022)	3,422,432	4
95,572	0	1,414,723	(22,290)	1,392,433	5
92,467	106,609	1,636,013	(27,403)	1,608,610	6
485,425	540,652	9,550,859	(171,944)	9,378,915	7
164,491	184,949	3,057,361	(63,640)	2,993,721	8
837,955	832,210	19,123,410	(327,299)	18,796,111	
		324,132	(3,631)	320,501	9
		98,378		98,378	10
0	0	422,510	(3,631)	418,879	
		19,960		19,960	11
0	0	19,960	0	19,960	
837,955	832,210	25,749,927	(399,753)	25,350,174	

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	Northern St Power		Wisc. Power & Light		1
Point of Delivery	Interconnect-WPS		Interconnect-WPS		2
Type of Power Purchased (firm, dump, etc.)	General Purpose		Gen. Purpose		3
Voltage at Which Delivered	69kV		69kV		4
Point of Metering	Shoto/Man. Rapids		Shoto/Man. Rapids		5
Total of 12 Monthly Maximum Demands -- kW					6
Average load factor	0.0000%		0.0000%		7
Total Cost of Purchased Power	13,953		213,157		8
Average cost per kWh	0.0159		0.0227		9
On-Peak Hours (if applicable)					10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	0		228		12
February	0		571		13
March	0		725		14
April	879		91		15
May	0		1,415		16
June	0		1,801		17
July	0		193		18
August	0		528		19
September	0		223		20
October	0		156		21
November	0		278		22
December	0		3,163		23
Total kWh (000)	879	0	9,372	0	24
					25
					26
					27
					28
	(d)		(e)		
Name of Vendor	Wisc. Power & Light		Wisc. Pub. Service		29
Point of Delivery	Interconnect-WPS		Shoto/Man. Rapids		30
Voltage at Which Delivered	Limited Term		Gen. Purp.-Scheduled		31
Point of Metering	69kV		69kV		32
Type of Power Purchased (firm, dump, etc.)	Shoto/Man. Rapids		Shoto/Man. Rapids		33
Total of 12 Monthly Maximum Demands -- kW					34
Average load factor	0.0000%		0.0000%		35
Total Cost of Purchased Power	1,512,645		452,776		36
Average cost per kWh	0.0394		0.0156		37
On-Peak Hours (if applicable)					38
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	39
January	3,333		1,736		40
February	3,030		3,257		41
March	3,181		2,315		42
April	3,333		1,115		43
May	3,181		2,126		44
June	3,181		2,368		45
July	3,181		2,146		46
August	3,181		7,727		47
September	3,181		5,174		48
October	3,485		794		49
November	2,727		213		50
December	3,353		0		51
Total kWh (000)	38,347	0	28,971	0	52

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	Wisc. Pub. Service		Wisc. Pub. Service		1
Point of Delivery	Shoto/Man. Rapids		Shoto/Man. Rapids		2
Type of Power Purchased (firm, dump, etc.)	Gen. Purp.-Variable		Maintenance		3
Voltage at Which Delivered	69kV		69kV		4
Point of Metering	Shoto/Man. Rapids		Shoto/Man. Rapids		5
Total of 12 Monthly Maximum Demands -- kW					6
Average load factor	0.0000%		0.0000%		7
Total Cost of Purchased Power	487,521		228,115		8
Average cost per kWh	0.0173		0.0202		9
On-Peak Hours (if applicable)					10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	4,003		0		12
February	2,035		0		13
March	2,385		0		14
April	1,079		3,595		15
May	1,399		0		16
June	2,267		400		17
July	3,272		0		18
August	3,328		0		19
September	5,419		0		20
October	2,100		3,725		21
November	816		3,600		22
December	139		0		23
Total kWh (000)	28,242	0	11,320	0	24

Particulars	(d)		(e)		
Name of Vendor	Wisc. Pub. Service		Wisc. Pub. Service		29
Point of Delivery	Shoto/Man. Rapids		Shoto/Man. Rapids		30
Voltage at Which Delivered	Neg. Capacity-1		Neg. Capacity-2		31
Point of Metering	69kV		69kV		32
Type of Power Purchased (firm, dump, etc.)	Shoto/Man. Rapids		Shoto/Man. Rapids		33
Total of 12 Monthly Maximum Demands -- kW					34
Average load factor	0.0000%		0.0000%		35
Total Cost of Purchased Power	1,778,787		274,532		36
Average cost per kWh	0.0203		0.0197		37
On-Peak Hours (if applicable)					38
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	39
January	7,440		0		40
February	6,720		0		41
March	7,440		0		42
April	7,190		0		43
May	7,440		0		44
June	7,200		0		45
July	7,440		0		46
August	7,440		0		47
September	7,200		2,880		48
October	7,450		3,725		49
November	7,200		3,600		50
December	7,440		3,720		51
Total kWh (000)	87,600	0	13,925	0	52

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	Wisc. Pub. Service				1
Point of Delivery	Shoto/Man. Rapids				2
Type of Power Purchased (firm, dump, etc.)	W-2 - Part Reg				3
Voltage at Which Delivered	69kV				4
Point of Metering	Shoto/Man Rapids				5
Total of 12 Monthly Maximum Demands -- kW					6
Average load factor	0.0000%				7
Total Cost of Purchased Power	1,726,044				8
Average cost per kWh	0.0243				9
On-Peak Hours (if applicable)					10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	1,983	4,248			12
February	1,820	3,711			13
March	1,918	4,418			14
April	1,955	3,839			15
May	1,952	4,203			16
June	1,759	4,006			17
July	1,822	4,043			18
August	1,907	4,116			19
September	1,946	3,972			20
October	2,095	3,861			21
November	1,643	4,049			22
December	1,747	3,961			23
Total kWh (000)	22,547	48,427			24
					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):	On-peak	Off-peak	On-peak	Off-peak	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
Total kWh (000)					52

PRODUCTION STATISTICS TOTALS

Particulars (a)	Total (b)	
Name of Plant		1
Unit Identification		2
Type of Generation		3
kWh Net Generation (000)	245,333	4
Is Generation Metered or Estimated?		5
Is Exciter & Station Use Metered or Estimated?		6
60-Minute Maximum Demand--kW (est. if not meas.)	99,400	7
Date and Hour of Such Maximum Demand	7/16/1997 11	8
Load Factor	0.2818	9
Maximum Net Generation in Any One Day	0	10
Date of Such Maximum		11
Number of Hours Generators Operated	472	12
Maximum Continuous or Dependable Capacity--kW	90	13
Is Plant Owned or Leased?		14
Total Production Expenses	8,621,945	15
Cost per kWh of Net Generation (\$)	35	16
Monthly Net Generation --- kWh (000):		
January	22,647	17
February	19,794	18
March	21,076	19
April	19,351	20
May	20,463	21
June	20,898	22
July	25,220	23
August	20,149	24
September	16,216	25
October	19,045	26
November	19,130	27
December	21,344	28
Total kWh (000)	245,333	29
Gas Consumed--Therms	264,393	30
Average Cost per Therm Burned (\$)	264,393.0000	31
Fuel Oil Consumed Barrels (42 gal.)	423	32
Average Cost per Barrel of Oil Burned (\$)	25.2800	33
Specific Gravity	34	34
Average BTU per Gallon	139,900	35
Lubricating Oil Consumed--Gallons	0	36
Average Cost per Gallon (\$)		37
kWh Net Generation per Gallon of Fuel Oil		38
kWh Net Generation per Gallon of Lubr. Oil		39
Does plant produce steam for heating or other purposes in addition to elec. generation?		40
Coal consumed--tons (2,000 lbs.)	162,892	42
Average Cost per Ton (\$)	39.0500	43
Kind of Coal Used		44
Average BTU per Pound		45
Water Evaporated--Thousands of Pounds	2,555,659	46
Is Water Evaporated, Metered or Estimated?		47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel	10	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	14,590	52
Total Cost of Fuel (Oil and/or Coal) per kWh Net Generation (\$)	0.0241	54

PRODUCTION STATISTICS

Particulars (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
Name of Plant	Manitowoc	Manitowoc			1
Unit Identification	MPU2	MPU1			2
Type of Generation	RECIP	STEAM			3
kWh Net Generation (000)	2,973	242,360			4
Is Generation Metered or Estimated?	M	M			5
Is Exciter & Station Use Metered or Estimated?	E	E			6
60-Minute Maximum Demand--kW (est. if not meas.)					7
Date and Hour of Such Maximum Demand		1/1/1997	0		8
Load Factor					9
Maximum Net Generation in Any One Day	107	1,249			10
Date of Such Maximum	07/16/1997	07/16/1997			11
Number of Hours Generators Operated	472	0			12
Maximum Continuous or Dependable Capacity--kW	11	79			13
Is Plant Owned or Leased?	O	O			14
Total Production Expenses	154,989	8,466,956			15
Cost per kWh of Net Generation (\$)	52.1322	34.9355			16
Monthly Net Generation --- kWh (000):					
January	73	22,574			17
February	334	19,460			18
March	91	20,985			19
April	916	18,435			20
May	355	20,108			21
June	244	20,654			22
July	348	24,872			23
August	130	20,019			24
September	0	16,216			25
October	80	18,965			26
November	205	18,925			27
December	197	21,147			28
Total kWh (000)	2,973	242,360			29
Gas Consumed--Therms	237,530	26,863			30
Average Cost per Therm Burned (\$)	0.3300	0.3100			31
Fuel Oil Consumed Barrels (42 gal.)	423				32
Average Cost per Barrel of Oil Burned (\$)	25.2800				33
Specific Gravity	34				34
Average BTU per Gallon	139,900				35
Lubricating Oil Consumed--Gallons					36
Average Cost per Gallon (\$)					37
kWh Net Generation per Gallon of Fuel Oil					38
kWh Net Generation per Gallon of Lubr. Oil					39
Does plant produce steam for heating or other purposes in addition to elec. generation?			Y		40
Coal consumed--tons (2,000 lbs.)		162,892			41
Average Cost per Ton (\$)		39.0500			42
Kind of Coal Used		Bitum Coke			43
Average BTU per Pound		12,673			44
Water Evaporated--Thousands of Pounds		2,555,659			45
Is Water Evaporated, Metered or Estimated?		M			46
Lbs. of Steam per Lb. of Coal or Equivalent Fuel		9.6300			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		14,590			51
Total Cost of Fuel (Oil and/or Coal)					52
per kWh Net Generation (\$)	0.0296	0.0241			53
					54

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.

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	4	1948	450	750	Water Tube	Stoker	80	1
Manitowoc	3	1937	400	600	Water Tube	Stoker	60	2
Manitowoc	6	1956	865	900	Water Tube	Stoker	175	3
Manitowoc	7	1964	865	900	Water Tube	Stoker	175	4
Manitowoc	8	1991	1100	905	Water Tube	Sweep Air	200	5
Manitowoc	5	1952	450	750	Water Tube	Stoker	150	6

STEAM PRODUCTION PLANTS (cont.)

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.

Turbine-Generators									
Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated	Rated Unit Capacity		Total Rated	Total	1
				by Each Unit During Yr. (000's) (m)	kW (n)	kVA (o)	Plant Capacity (kW) (p)	Maximum Continuous Capacity (kW) (q)	
1941	SC	3600	4160	1955	10000	12500	10000	10000	1
1935	SC	3600	4160	12705	5000	6250	5000	5000	2
1956	SC	3600	13800	77314	22000	27058	22000	22000	3
1964	SC	3600	13800	135713	32000	35556	32000	32000	4
									5
1950	SC	3600	13800	38068	10000	12500	10000	10000	6

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.

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)	7
NONE								7
Total							<u><u>840</u></u>	

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)	3	
Manitowoc	2	1985	Reciprocat	Transamerica DeLavel	4,500	7,313	1	
Manitowoc	1	1985	Reciprocat	Transamerica DeLavel	4,500	7,313	2	
NONE								3
Total						<u><u>14,626</u></u>		

STEAM PRODUCTION PLANTS (cont.)

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.

Turbine-Generators									
Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated		Rated Unit Capacity		Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Capacity (kW) (q)
				by Each Unit During Yr. (000's) (m)		kW (n)	kVA (o)		
Total				265755	79000	93864	79000	79000	7

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.

Generators							
Year Installed (h)	Voltage (kV) (i)	kWh Generated		Rated Unit Capacity		Total Rated Plant Capacity (kW) (m)	Total Maximum Continuous Plant Capacity (kW) (n)
		by Each Unit Generator During Yr. (000's) (j)		kW (k)	kVA (l)		
1985	13,800	1,333	5,250	6,563	5,250	5,250	1
1985	13,800	908	5,250	6,563	5,250	5,250	2
Total		2,241	10,500	13,126	10,500	10,500	3

HYDRAULIC GENERATING PLANTS

1. In column (d), indicate type of unit--horizontal, vertical, bulb, etc.
2. In column (j), report operating head as indicated by manufacturer's rating of wheel horsepower.

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							

HYDRAULIC GENERATING PLANTS (cont.)

3. Capacity shown in column (q) should be based on the equipment installed and determined independently by stream flow; i.e., on the assumption of adequate stream flow.

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

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					(f)
	(b)	(c)	(d)	(e)	(f)	
Name of Substation	LAKEFNT	NE	REV BK3	2B	A-EAST	1
Voltage--High Side	69	69	69	13,200	13,200	2
Voltage--Low Side	13	13	13	4,160	4,160	3
Num. Main Transformers in Operation	3	1	2	1	2	4
Capacity of Transformers in kVA	0	22,400	22,400	1,000	3,000	5
Number of Spare Transformers on Hand	0	0	0	0	0	6
15-Minute Maximum Demand in kW	0	15,600	14,800	0	720	7
Dt and Hr of Such Maximum Demand		07/16/1997 10:00	07/16/1997 12:00		01/02/1997	8
Kwh Output						9

SUBSTATION EQUIPMENT (continued)

Particulars (g)	Utility Designation					(l)
	(h)	(i)	(j)	(k)	(l)	
Name of Substation	A-WEST	C	IB	MIRRO	MIRRO BK2	16
Voltage--High Side	13,200	13,200	13,200	69	69	17
Voltage--Low Side	4,160	4,160	4,160	4,160	4,160	18
Num. of Main Transformers in Operation	1	1	2	3	1	19
Capacity of Transformers in kVA	3,000	2,000	2,500	9,999	3,000	20
Number of Spare Transformers on Hand	0	0	0	1	0	21
15-Minute Maximum Demand in kW	1,500	0	1,080	7,098	0	22
Dt and Hr of Such Maximum Demand	04/10/1997		08/04/1997	11/12/1997 10:00		23
Kwh Output						24

SUBSTATION EQUIPMENT (continued)

Particulars (m)	Utility Designation					(r)
	(n)	(o)	(p)	(q)	(r)	
Name of Substation	MIRRO BK3	REV BK 4				31
Voltage--High Side	69	69				32
Voltage--Low Side	4,160	13				33
Num. of Main Transformers in Operation	2	1				34
Capacity of Transformers in kVA	5,000	22,400				35
Number of Spare Transformers on Hand	0	0				36
15-Minute Maximum Demand in kW	867	19,800				37
Dt and Hr of Such Maximum Demand	02/03/1997 20:00	07/16/1997 13:00				38
Kwh Output						39

ELECTRIC DISTRIBUTION METERS & LINE TRANSFORMERS

Particulars (a)	Number of Watt-Hour Meters (b)	Line Transformers		
		Number (c)	Total Cap. (kVA) (d)	
Number first of year	16,684	2,426	192,638	1
Acquired during year	896	40	10,775	2
Total	17,580	2,466	203,413	3
Retired during year	455	27	2,740	4
Sales, transfers or adjustments increase (decrease)	3	2	30	5
Number end of year	17,128	2,441	200,703	6
Number end of year accounted for as follows:				7
In customers' use	16,237	2,119	166,466	8
In utility's use				9
Inactive transformers on system				10
Locked meters on customers' premises				11
In stock	891	322	34,237	12
Total end of year	17,128	2,441	200,703	13

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)	
Street Lighting Non-Ornamental				
Mercury Vapor	175	1	910	1
Mercury Vapor	400	1	1,970	2
Sodium Vapor	100	1,599	799,596	3
Sodium Vapor	200	693	692,409	4
Sodium Vapor	250	1,310	1,640,205	5
Total		3,604	3,135,090	
Ornamental				
Mercury Vapor	175	2	1,820	6
Sodium Vapor	70	106	15,310	7
Sodium Vapor	100	208	103,993	8
Sodium Vapor	200	441	483,329	9
Sodium Vapor	250	180	225,360	10
Total		937	829,812	
Other				
NONE				11
Total		0	0	

ELECTRIC OPERATING SECTION FOOTNOTES

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

Other Electric Revenues (456) Amount is less Steam Expenses -
Accounts 695-698 and Accounts 802-812 = \$16,398

Electric Operation & Maintenance Expenses (Page E-03)

Accounts 695-698 - Steam Distribution and Accounts 802-812 - District Heating Expense are net against the steam and hot waters sales revenues in account 456. Revenues are net of these expenses.

- Account 510 - Decrease - Payroll
 - Account 511 - Decrease - Payroll
 - Account 512 - Increase - Boiler Repairs
 - Account 513 - Increase - Electric Plant Repairs
 - Account 514 - Increase - Repaired Steam Line
 - Account 547 - Increase - Diesel's Used More
 - Account 548 - Decrease - Emission Test
 - Account 553 - Decrease - Payroll
 - Account 562 - Decrease - Payroll
 - Account 563 - Increase - Conversion of Lines
 - Account 570 - Decrease - Project from 1996
 - Account 586 - Increase - Payroll
 - Account 588 - Increase - Payroll
 - Account 593 - Decrease - Payroll
 - Account 594 - Decrease - Payroll
 - Account 921 - Increase - Purchase More Supplies
 - Account 923 - Increase - Legal Fees
 - Account 928 - Decrease - Advance Plan VIII
 - Account 932 - Increase - New Roof
-

ELECTRIC OPERATING SECTION FOOTNOTES

Electric Utility Plant in Service (Page E-06)

ACCOUNT 311 - Column C = \$6,397.89 = Loading Enclosure-North Ash Silc
 = \$9,693.60 = Ash silo Ground Level Enclosures
 = \$5,684.00 = Fencing for Power Plant Haul Road
 = \$989.00 = Roof Hatch on Circulating Water Pump
 House
 = \$1,465.37 = Zebra Mussel Control Piping
 = \$11,206.33 = Insulation, Liner Panel and Finished
 Panel - #5 Boiler Building
 = \$2,641.32 = Heater & Associated Piping-Demineralizer
 Room
 = \$7,452.20 = Air Conditioner in #8 VFD Room

ACCOUNT 312 - Column C = \$37,987.19 = #6 Boiler Feeder Upgrade
 = \$102,873.99 = 6 - 18" Air Assisted Underthrow Coal
 Distribution
 = \$2,343.72 = Dust Detector/Transmitter SensorCables
 = \$2,797.95 = Big Buster Carshakers
 = \$90,993.89 = Railroad Spur East of Wi Central Line
 = \$43,359.66 = 100' Horizontal Conveyor
 = \$73,828.61 = 120' Stacker Conveyor
 = \$342,592.72 = Rail Car Unloading Facility
 = \$15,963.00 = 15kV Metal Enclosed Switchgear
 = \$787.80 = Pressure Regulator for Water Inlet to
 Demineralizer System
 = \$17,926.89 = Painting Baghouse Wall
 = \$12,112.23 = Pollution Controls for Clear Air on #6 &
 #& Boilers
 = \$35,344.49 = Coal Blending System

ACCOUNT 314 - Column C = \$113,679.06 = Exciter Upgrade
 = \$23,851.18 = #4 Circulating Water Pump
 = \$75,423.60 = Cooling Water System Upgrade

ACCOUNT 314 - Column E = \$4,950.00 = Retire #4 Circulating Water Pump
 = \$3,750.00 = Retire 2 Pump Motors
 = \$6,119.13 = Retire Exciter & Wiring

ACCOUNT 343 - Column C = \$78,626.42 = Woodward 721 Governor on #1 Diesel
 - Column E = \$35,000.00 = Remove #1 Diesel Governor

ACCOUNT 353 - Column C = \$1,527.22 = Rochester Instrument Annunciator
 \$16,465.54 = Reconductor 69kV Bus

ACCOUNTS 355,356, 364, 365, 366, 367, 368, 369, 370, 371, 373 - Columns C &
 Have Additions & Retirements During Year

ACCOUNT 389 - Column C = \$12,845.23 = Bleck Property W/O 3730

ACCOUNT 390 - Column C = \$71,188.01 = New Elevator
 = \$16,407.84 = New Commercial Dept
 = \$5,861.25 = New Administrative Building Air
 Conditioning Cooling Tower

ELECTRIC OPERATING SECTION FOOTNOTES

- Column F = \$10,329.25 = Gravel Base for Pole Storage Yard
Transferred from Water Utility

ACCOUNT 391.1 - Column C = \$7,911.01 = Personal Computers in Power Plant
= \$5,686.00 = Personal Computers in General Office
= \$492.00 = Deskjet Printer
= \$2,660.00 = Itron Telephone Software Support
= \$5,707.56 = Power Supplies for Server Computers
= \$40,658.42 = Personal Computers in EDP and
Direct Connection to the Internet
= \$26,174.43 = Banner and KIVA Software
= \$9,587.50 = SCADA System

ACCOUNT 392 - Column C = \$133,644.25 = New Truck #1

- Column E = \$149,763 = Retire Old Truck #1

ACCOUNT 393 - Column C = \$16,069.45 = Pole Skids
= \$859.56 = Roll-Ezy Ladder

- Column E = \$1,586.83 = Chain Link Fence Transferred from
Water Account 390
= \$12,182.21 = Chain Link Fence Transferred from
Water Account 321

Production Statistics Totals (Page E-17)

Line 12 - See Footnote from Page E-18 Line 12 Total is 26,270

Line 16 - Cost per kWh of Net Generation (\$) 35.1438

Line 31 - Average Cost per Therm Burned (\$) .3245

Line 48 - Lbs. of Steam per Lb. of Coal or Equivalent Fuel 9.6300

ELECTRIC OPERATING SECTION FOOTNOTES

Production Statistics (Page E-18)

Line 8 - Should be blank - Could not remove date

Line 12 - Number of Hours Generators Operated is 25,798
System would not allow us to enter a number higher than 8,760.

Line 16 - Cost per kWh of Net Generation (\$) should be for
Unit MPU2 = \$.0521305 and
Unit MPU1 = \$.0349355

Line 50 - Lbs. of Coal or Equiv. Fuel per kWh Net Gen.
Based on Total Coal Used at Plant should be
Unit MPU1 = 1.33

Line 51 - Lbs. of Coal or Equiv. Fuel per kWh Net Gen.
Based on Coal Used Solely in Electric Generation should be
Unit MPU1 = 1.15

Street Lighting Equipment (Page E-25)

ORNAMENTAL - 200 WATTS - Combined MS814 & MS820 & MS822
