



The Commonwealth of Massachusetts
Department of Public Utilities
Loverett Saltonstall Building, Government Center
100 Cambridge Street, Boston 02202

TO THE MAYORS, SELECTMEN, MUNICIPAL LIGHTS BOARDS AND MANAGERS OF MUNICIPAL LIGHTING IN THE SEVERAL CITIES AND TOWNS IN THIS COMMONWEALTH OPERATING GAS OR ELECTRIC LIGHT PLANTS:

This form of the Annual Return should be filled out and one original and a duplicate copy (which may be a photocopy) should be returned to the Office of the Department of Public Utilities 1 South Station Boston Massachusetts, 02202 by March 31st of the year following the calendar year of the report in accordance with the statutes of the Commonwealth and the regulations of the Department made in pursuance thereof.

Where the word "None" truly and completely states the fact, it should be given as the answer to any particular inquiry or portion of an inquiry.

If respondent so desires, cents may be omitted in the balance sheet, income statement and supporting schedules. All supporting schedules on an even-dollar basis, however, shall agree with even-dollar amounts in the main schedules. Averages and extracted figures, where cents are important, must show cents for reasons which are apparent.

Special attention is called to the legislation in regard to the Returns printed in the last page.



The Commonwealth of Massachusetts

RETURN
OF THE
MUNICIPAL LIGHTING PLANT
TOWN OF SHREWSBURY
TO THE
DEPARTMENT OF
TELECOMMUNICATION AND ENERGY
OF MASSACHUSETTS

For the Year Ended December 31,

2014

Name of Officer to whom correspondence should
be addressed regarding this report :

Official Title: **GENERAL MANAGER**

Office Address:

**MICHAEL HALE
100 MAPLE AVE
SHREWSBURY MA 01545**

GENERAL INFORMATION

- 1. Name of town making this report Shrewsbury
- 2. If the town (or city) has acquired a plant,
Kind of plant, whether gas or electric. Electric
Owner from whom purchased, if so acquired
- Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws.
Record of votes: First vote Yes, 125 ; No, 22 Second vote: Yes, 110 ; No, 16
Date when town began to sell electricity: October 1908 for home lighting
- 3. Name and address of manager of municipal lighting:
MICHAEL HALE 8 WESLEYAN TERRACE SHREWSBURY, MA 01545
- 4. Name and address of mayor or selectmen
MAURICE M DEPALO 42 FLORAL ST SHREWSBURY, MA 01545
HENRY FITZGERALD 17 HUTCHINS ST SHREWSBURY, MA 01545
JAMES KANE 32 MAIN CIRCLE SHREWSBURY, MA 01545
MOIRA MILLER 12 LAMPLIGHTER DR SHREWSBURY, MA 01545
JOHN T LEBEAUX 203 WALNUT ST SHREWSBURY, MA 01545
- 5. Name and address of town (or city) treasurer:
CAROLYN MARCOTTE 5 DELLANN CIRCLE MILFORD, MA 01757
- 6. Name and address of town (or city) clerk:
SANDRA E. WRIGHT 40 GATES RD SHREWSBURY, MA 01545
- 7. Names and addresses of members of municipal light board:
CLIFFORD JEFFERSON 25 SPRING ST SHREWSBURY, MA 01545
MICHAEL REFOLO 38 OLDE COLONY DRIVE SHREWSBURY, MA 01545
ROBERT HOLLAND 8 RAYMOND AVE SHREWSBURY, MA 01545
ANTHONY TRIppi 145 MAPLE AVE SHREWSBURY, MA 01545
MARIA LEMIEUX 5 COUNTRY WAY SHREWSBURY, MA 01545
- 8. Total valuation of estates in town according to last state valuation \$4,946,815.287
- 9. Tax rate for all purposes during the year: Residential \$13.20 Open Space \$13.20 Commercial \$13.20
- 10. Amount of manager's salary \$148,927
- 11. Amount of manager's bond: \$ 1,000.00
- 12. Amount of salary paid to members of municipal light board (each) \$200.00

FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR ENDING DECEMBER 31, NEXT

INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS.....	\$0
2	FROM SALE OF ELECTRICITY	\$35,071,595
3	FROM RATE STABILIZATION FUND.....	\$1,200,000
4	TOTAL	\$36,271,595
5	Expenses:	
6	For operation, maintenance and repairs.....	\$33,219,223
7	For interest on bonds, notes or scrip.....	\$193,800
8	For depreciation fund (3% on \$55,688,053 as per page 8B).....	\$1,670,642
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	\$405,000
12	For loss in preceding year.....	\$399,544
13	TOTAL	\$35,888,209
14		
15	Cost:	
16	Of gas to be used for municipal buildings.....	
17	Of gas to be used for street lights.....	
18	Of electricity to be used for municipal buildings.....	\$1,479,184
19	Of electricity to be used for street lights.....	\$171,891
20	Total of the above items to be included in the tax levy.....	
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	\$0
		\$1,651,075

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers' Meters, December 31.	City or Town	Number of Customers'
		SHREWSBURY	15,462
		TOTAL	15,462

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Include also all items charged direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	19	, to be paid from {	\$	
* At	meeting	19	, to be paid from {	\$	

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

1. Street Lights.....	\$	\$171,891
2. Municipal Buildings.....		\$1,479,184
	\$ \$	1,651,075

*Date of meeting and whether regular or special { Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:

- Added a new distribution substation including two 115kV/13.8kV 60MVA transformers, 12 -13.8kV distribution circuits, 3 – 115kV transmission circuit breakers, and associated protection, monitoring, and ancillary equipment

- Added emission control equipment to 5 EMD diesel generators to become compliant with the EPA RICE program.

- replace one 13.8kV circuit breaker at Johnson Substation.

- Replace 69kV circuit breaker number 3 at Rolfe Ave

- Rewire the 69kV disconnect switch controls at Rolfe Ave

- Replace old electromechanical relays with electronic relays at Logan Substation

- Replaced station service transformer at Rolfe Ave Substation

- New circuit extension on Centech Blvd. from substation to rte 20 (4000ft)

- Added Fortune Blvd to system (Altec bldg..) urd primary (1500ft)

- Osrose –replace 25 poles in the oak st/howe ave area.

In gas property:

Annual Report of SHREWSBURY

		BONDS (Issued on Account of Gas or Electric Lighting)						
When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Rate	Interest When Payable	Amount Outstanding	
			Amounts	When Payable				
March 15, 1908	August 1, 1908	\$16,000						
May 2, 1908	June 12, 1908	\$9,000						
March 1, 1909	November 2, 1909	\$1,000						
August 26, 1910	September 12, 1910	\$1,300						
May 26, 1977	January 15, 1978	\$200,000						
June 27, 1977	June 30, 1983	\$200,000						
March 24, 1969	October 1, 1969	\$450,000						
May 11, 1970	November 15, 1970	\$450,000						
May 21, 1973	November 1, 1973	\$750,000						
May 28, 1974	November 1, 1974	\$300,000						
May 20, 1985	April 1, 1986	\$350,000						
May 16, 1988	April 28, 1978	\$500,000						
May 15, 1995	February 15, 1996	\$1,000,000						
May 21, 2001	August 15, 2001	\$1,760,000	\$105,000	2001-2017	4.20%	SEMI ANNUALLY	\$315,000	
February 1, 2005	February 15, 2005	\$379,400					\$0	
February 15, 2008	February 20, 2008	\$1,000,000					\$0	
May 22, 2013	January 23, 2014	\$6,000,000	\$300,000	2015-2034	3-4%	SEMI ANNUALLY	\$6,000,000	
Total		\$13,366,700	\$405,000				\$6,315,000	

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bond and notes are repaid, report the first three columns only.

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		When Payable	Amount of Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable		
OCT 18, 2005	SEP 15, 2006	\$1,000,000	\$1,000,000	SEP 14, 2007	4%	AT MATURITY		
	SEP 14, 2007	\$1,000,000	\$1,000,000	NOV 21, 2007	3.9%	AT MATURITY		
	NOV 21, 2007	\$1,000,000	\$1,000,000	FEB 21, 2008	3.75%	AT MATURITY		
TOTAL			\$3,000,000					
								\$0

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bonds and notes are repaid, report the first three columns only.

TOTAL COST OF PLANT - ELECTRIC							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1. Report below the cost of utility plant in service according to prescribed accounts. 2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate. 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts. 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).							
1	1. INTANGIBLE PLANT						
2							
3							
4							
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights.....	\$0	\$0	\$0	\$0	\$0	\$0
8	311 Structures and Improvements.....	\$0	\$0	\$0	\$0	\$0	\$0
9	312 Boiler Plant Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
10	313 Engines and Engine Driven Generators.....	\$0	\$0	\$0	\$0	\$0	\$0
11	314 Turbogenerator Units.....	\$0	\$0	\$0	\$0	\$0	\$0
12	315 Accessory Electric Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
13	316 Miscellaneous Power Plant Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
14	Total Steam Production Plant.....	\$0	\$0	\$0	\$0	\$0	\$0
15	Total Steam Production Plant.....	\$0	\$0	\$0	\$0	\$0	\$0
16	B. Nuclear Production Plant						
17	320 Land and Land Rights.....	\$0	\$0	\$0	\$0	\$0	\$0
18	321 Structures and Improvements.....	\$0	\$0	\$0	\$0	\$0	\$0
19	322 Reactor Plant Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
20	323 Turbogenerator Units.....	\$0	\$0	\$0	\$0	\$0	\$0
21	324 Accessory Electric Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
22	325 Miscellaneous Power Plant Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
23	Total Nuclear Production Plant.....	\$0	\$0	\$0	\$0	\$0	\$0

Annual Report of SHREWSBURY

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	\$0	\$0	\$0	\$0	\$0	\$0
3	331 Structures and Improvements	\$0	\$0	\$0	\$0	\$0	\$0
4	332 Reservoirs, Dams and Waterways	\$0	\$0	\$0	\$0	\$0	\$0
5	333 Water wheels, Turbines and Generators	\$0	\$0	\$0	\$0	\$0	\$0
6	334 Accessory Electric Equipment	\$0	\$0	\$0	\$0	\$0	\$0
7	335 Miscellaneous Power Plant Equipment	\$0	\$0	\$0	\$0	\$0	\$0
8	336 Roads, Railroads and Bridges	\$0	\$0	\$0	\$0	\$0	\$0
9	Total Hydraulic Production Plant	\$0					
10	D. Other Production Plant						
11	340 Land and Land Rights	\$4,737	\$0	\$0	\$0	\$0	\$4,737
12	341 Structures and Improvements	\$68,461	\$120,055	\$24,971	\$0	\$0	\$163,545
13	342 Fuel Holders, Producers and Accessories	\$375,748	\$0	\$0	\$0	\$0	\$375,748
14	343 Prime Movers	\$1,466,885	\$20,409	\$0	\$0	\$0	\$1,487,294
15	344 Generators	\$452,916	\$633,958	\$0	\$0	\$0	\$1,086,874
16	345 Accessory Electric Equipment	\$1,506,363	\$0	\$0	\$0	\$0	\$1,506,363
17	346 Miscellaneous Power Plant Equipment	\$2,164	\$0	\$0	\$0	\$0	\$2,164
18	Total Other Production Plant	\$3,877,274	\$774,422	\$24,971	\$0	\$0	\$4,626,725
19	Total Production Plant	\$3,877,274	\$774,422	\$24,971	\$0	\$0	\$4,626,725
20	3. Transmission Plant						
21	350 Land and Land Rights	\$71,012	\$0	\$0	\$0	\$0	\$71,012
22	351 Clearing Land and Rights of Way	\$14,871	\$0	\$0	\$0	\$0	\$14,871
23	352 Structures and Improvements	\$98,870	\$0	\$0	\$0	\$0	\$98,870
24	353 Station Equipment	\$988,712	\$0	\$0	\$0	\$0	\$988,712
25	354 Towers and Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
26	355 Poles and Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
27	356 Overhead Conductors and Devices	\$0	\$0	\$0	\$0	\$0	\$0
28	357 Underground Conduits	\$1,840,642	\$0	\$0	\$0	\$0	\$1,840,642
29	358 Underground Conductors and Devices	\$871,610	\$0	\$0	\$0	\$0	\$871,610
30	359 Roads and Trails	\$0	\$0	\$0	\$0	\$0	\$0
31	Total Transmission Plant	\$3,885,717	\$0	\$0	\$0	\$0	\$3,885,717

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
4. DISTRIBUTION PLANT							
1		\$48,672			\$0	\$0	\$48,672
2	360 Land and Land Rights	\$1,004,952	\$8,471	\$1,762	\$0	\$0	\$1,011,661
3	361 Structures and Improvements	\$9,190,395	\$328,886	\$125,708	\$0	\$0	\$9,393,573
4	362 Station Equipment	\$25,925	\$0	\$0	\$0	\$0	\$25,925
5	363 Storage Battery Equipment	\$3,350,879	\$164,740	\$34,266	\$0	\$0	\$3,481,353
6	364 Poles, Towers and Fixtures	\$5,554,320	\$167,752	\$34,893	\$0	\$0	\$5,687,179
7	365 Overhead Conductors and Devices	\$1,408,229	\$4,235	\$881	\$0	\$0	\$1,411,563
8	366 Underground Conduits	\$3,109,070	\$31,859	\$6,627	\$0	\$0	\$3,134,302
9	367 Underground Conductors & Devices	\$4,354,410	\$122,102	\$25,397	\$0	\$0	\$4,451,115
10	368 Line Transformers	\$1,671,805	\$45,106	\$9,382	\$0	\$0	\$1,707,529
11	369 Services	\$2,327,301	\$22,015	\$4,579	\$0	\$0	\$2,344,737
12	370 Meters	\$1,394,074	\$0	\$0	\$0	\$0	\$1,394,074
13	371 Installation on Cust's Premises	\$1,524,030	\$68,258	\$14,198	\$0	\$0	\$1,578,090
14	373 Street Light and Signal Systems						
	Total Distribution Plant	\$34,964,062	\$963,424	\$257,693	\$0	\$0	\$35,669,793
5. GENERAL PLANT							
17		\$3,778,535	\$906	\$188	\$0	\$0	\$3,779,253
19	390 Structures and Improvements	\$3,551,208	\$88,666	\$17,282	\$0	\$0	\$3,622,592
20	391 Office Furniture and Equipment	\$2,077,524	\$189,416	\$78,602	\$0	\$0	\$2,188,338
21	392 Transportation Equipment	\$41,285	\$0	\$0	\$0	\$0	\$41,285
22	393 Stores Equipment	\$70,154	\$3,218	\$669	\$0	\$0	\$72,703
23	394 Tools, Shop and Garage Equipment	\$43,020	\$0	\$0	\$0	\$0	\$43,020
24	395 Laboratory Equipment	\$44,354	\$0	\$0	\$0	\$0	\$44,354
25	396 Power Operated Equipment	\$1,738,123	\$21,465	\$4,238	\$0	\$0	\$1,755,350
26	397 Communication Equipment	\$37,609	\$0	\$0	\$0	\$0	\$37,609
27	398 Miscellaneous Equipment	\$60,606	\$0	\$0	\$0	\$0	\$60,606
28	399 Other Tangible Property						
29	Total General Plant	\$11,442,418	\$303,671	\$100,979	\$0	\$0	\$11,645,110
30		\$54,169,471	\$2,041,517	\$383,643	\$0	\$0	\$55,827,345
TOTAL COST OF PLANT							
Less Cost of Land, Land Rights, and Rights of Way							\$139,292
Total Cost upon which depreciation is based							\$55,688,053

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant -Electric.....	\$21,875,372	\$29,294,825	\$7,419,453
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....	\$20,821	\$20,821	\$0
5	Total Utility Plant.....	\$21,896,193	\$29,315,646	\$7,419,453
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....	\$0	\$0	\$0
13	126 Depreciation Fund (P. 14).....	\$3,355,644	\$3,359,001	\$3,357
14	128 Other Special Funds.....	\$8,730,780	\$7,592,142	(\$1,138,638)
15	Total Funds.....	\$12,086,424	\$10,951,143	(\$1,135,281)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	\$8,699,134	\$7,568,309	(\$1,130,825)
18	132 Special Deposits.....			
19	132 Working Funds.....	\$500	\$500	\$0
20	141 Notes and Receivables.....			\$0
21	142 Customer Accounts Receivable.....	\$2,606,700	\$2,767,343	\$160,643
22	143 Other Accounts Receivable.....	\$918,764	\$1,012,687	\$93,923
23	146 Receivables from Municipality.....			\$0
24	151 Materials and Supplies (P. 14).....	\$239,046	\$224,343	(\$14,703)
25				\$0
26	165 Prepayments.....	\$2,663,532	\$1,748,700	(\$914,832)
27	174 Miscellaneous Current Assets			\$0
28	Total Current and Accrued Assets...	\$15,127,676	\$13,321,882	(\$1,805,794)
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....	\$2,652	\$1,914	(\$738)
31	182 Extraordinary Property Debits.....			\$0
32	185 Other Deferred Debits.....			\$0
33	Total Deferred Debits.....	\$2,652	\$1,914	(\$738)
34				
35	Total Assets and Other Debits.....	\$49,112,945	\$53,590,585	\$4,477,640

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction.....			
3	SURPLUS			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....			
6	207 Appropriations for Construction Repayment..			
7	208 Unappropriated Earned Surplus (P. 12).....	\$37,772,586	\$37,132,116	(\$640,470)
8	Total Surplus.....	\$37,772,586	\$37,132,116	(\$640,470)
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....	\$425,000	\$6,315,000	\$5,890,000
11	231 Notes Payable (P 7).....	\$0	\$0	\$0
12	Total Bonds and Notes.....	\$425,000	\$6,315,000	\$811,850
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	\$2,558,493	\$2,673,131	\$114,638
15	234 Payables to Municipality.....			
16	235 Customer Deposits.....			
17	236 Taxes Accrued.....			
18	237 Interest Accrued.....	\$7,163	\$89,663	\$82,500
19	242 Miscellaneous Current and Accrued Liabilities	\$8,730,780	\$7,592,142	(\$1,138,638)
20	Total Current and Accrued Liabilities...	\$11,296,436	\$10,354,936	(\$941,500)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....	\$38,054	\$159,489	\$121,435
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....			
25	Total Deferred Credits	\$38,054	\$159,489	\$121,435
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....	\$156,000	\$166,000	\$10,000
28	261 Property Insurance Reserve.....			
29	262 Injuries and Damages Reserves.....			
30	263 Pensions and Benefits.....	(\$575,131)	(\$536,956)	\$38,175
31	265 Miscellaneous Operating Reserves.....			
32	Total Reserves.....	(\$419,131)	(\$370,956)	\$48,175
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....			
35	Total Liabilities and Other Credits	\$49,112,945	\$53,590,585	\$4,477,640

State below if any earnings of the Municipal Lighting Plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

Annual Report of SHREWSBURY		12 Year Ended December 31, 2014	
STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	OPERATING INCOME		
2	400 Operating Revenue (P. 37 and P. 43)	32,005,821	(21,549)
3	Operating Expenses:		
4	401 Operation Expense (P.42)	29,420,450	1,715,250
5	402 Maintenance Expense (P. 42)	1,351,449	(226,618)
6	403 Depreciation Expense	1,620,905	30,056
7	407 Amortization of Property Losses.....	0	0
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses.....	32,392,804	1,518,688
11	Operating Income		
12	414 Other Utility Operating Income (P 50).....	0	0
13			
14	Total Operating Income.....	(386,983)	(1,540,237)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	33,848	(102,250)
17	419 Interest Income.....	17,105	(75,325)
18	421 Miscellaneous Income.....	(2,686)	(4,801)
19	Total Other Income.....	48,267	(182,376)
20	Total Income.....	(338,716)	(1,722,613)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization.....	0	0
23	426 Other Income Deductions.....	0	0
24	Total Income Deductions.....	0	0
25	Income before Interest Charges.....	(338,716)	(1,722,613)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	17,450	(4,463)
28	428 Amortization of Debt Discount and Expense.....	60,216	59,266
29	429 Amortization of Premium on Debt	(16,838)	(6,183)
30	431 Other Interest Expense		
31	432 Interest Charged to Construction-Credit.....		
32	Total Interest Charges	60,828	48,620
33	Net Income.....	(399,544)	(1,771,233)
EARNED SURPLUS			
Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		37,772,586
35			
36			
37	433 Balance transferred from Income.....		(399,544)
38	434 Miscellaneous Credits to Surplus.....		
39	435 Miscellaneous Debits to Surplus.....	0	
40	436 Appropriations of Surplus (P.21).....	240,926	
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	37,132,116	
43			
44	TOTALS	37,373,042	37,373,042

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund.....	\$ 4,164,607
2	Interest Fund.....	\$ -
3	Bond Fund.....	\$ -
4	Construction Fund.....	\$ 3,403,702
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	\$ 7,568,309

**MATERIALS AND SUPPLIES (Account 151-159, 163)
Summary per Balance Sheet**

Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 18).....	\$157,649	
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	\$66,694	
17	Merchandise (Account 155).....		
18	Other Materials and Supplies (Account 156).....		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159).....		
22	Stores Expense (Account 163).....		
23	Total per Balance Sheet	\$224,343	

Depreciation Fund Account (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of Account at Beginning of Year.....	\$3,355,644
26	Income During Year from Balance on Deposit.....	\$3,357
27	Amount Transferred from Income.....	
28	TOTAL	\$3,359,001
29		
30	CREDITS	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	
32	Amounts Expended for Renewals.....	
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	
40	TOTAL	\$3,359,001

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4							
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
14	Total Steam Production Plant						
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	Total Nuclear Production Plant						
23							

1. Report below the items of utility plant in service according to prescribed accounts
 2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c).
 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.
 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	c. Hydraulic Production Plant						
2	330 Land and Land Rights.....	0	0	0			0
3	331 Structures and Improvements.....	0	0	0			0
4	332 Reservoirs, Dams and Waterways.....	0	0	0			0
5	333 Water Wheels, Turbines and Generators.....	0	0	0			0
6	334 Accessory Electric Equipment.....	0	0	0			0
7	335 Miscellaneous Power Plant Equipment.....	0	0	0			0
8	336 Roads, Railroads and Bridges.....	0	0	0			0
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights.....	4,737	0	0			4,737
12	341 Structures and Improvements.....	27,355	120,055	1,711			145,699
13	342 Fuel Holders, Producers and Accessories.....	245,823	0	9,393			236,430
14	343 Prime Movers.....	92,698	20,409	36,672			76,435
15	344 Generators.....	207,123	633,958	11,322			829,759
16	345 Accessory Electric Equipment.....	110,353	0	37,659			72,694
17	346 Miscellaneous Power Plant Equipment.....	0	0	0			0
18	Total Other Production Plant	688,089	774,422	96,757	0	0	1,365,754
19	Total Production Plant	688,089	774,422	96,757	0	0	1,365,754
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights.....	71,012	0	0			71,012
22	351 Cleaning Land and Rights of Way.....	14,871	0	0			14,871
23	352 Structures and Improvements.....	0	0	0			0
24	353 Station Equipment.....	0	0	0			0
25	354 Towers and Fixtures.....	0	0	0			0
26	355 Poles and Fixtures.....	0	0	0			0
27	356 Overhead Conductors and Device.....	0	0	0			0
28	357 Underground Conduits.....	1,073,387	0	46,016		0	1,027,371
29	358 Underground Conductors and Devices.....	0	0	0		0	0
30	359 Roads and Trails.....	0	0	0		0	0
31	Total Transmission Plant	1,159,270	0	46,016	0	0	1,113,254

UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights.....	48,672	0	0	0	0	48,672
3	361 Structures and Improvements.....	629,471	8,471	25,123	0	0	612,819
4	362 Station Equipment.....	4,534,518	328,886	275,711	0	0	4,587,693
5	363 Storage Battery Equipment.....	10,964	0	648	0	0	10,316
6	364 Poles and Fixtures.....	985,348	164,740	83,771	0	0	1,066,317
7	365 Overhead Conductors and Devices.....	3,068,840	167,752	138,857	0	0	3,097,735
8	366 Underground Conduits.....	216,512	4,235	35,205	0	0	185,542
9	367 Underground Conductors and Devices.....	1,529,261	31,859	77,726	0	0	1,483,394
10	368 Line Transformers.....	1,749,175	122,102	108,860	0	0	1,762,417
11	369 Services.....	742,198	45,106	41,795	0	0	745,509
12	370 Meters.....	1,302,379	22,015	58,182	0	0	1,266,212
13	371 Installation on Cust's Premises.....	458,238	0	34,851	0	0	423,387
14	372 Leased Prop. on Cust's Premises.....	0	0	0	0	0	0
15	373 Street Light and Signal Systems.....	639,220	68,258	38,100	0	0	669,378
16	Total Distribution Plant	15,914,796	963,424	918,829	0	0	15,959,391
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....	0	0	0	0	0	0
19	390 Structures and Improvements.....	1,295,538	906	94,463	0	0	1,201,981
20	391 Office Furniture and Equipment.....	1,374,309	88,666	206,018	0	0	1,256,957
21	392 Transportation Equipment.....	211,610	189,416	211,610	0	(2,686)	186,730
22	393 Stores Equipment.....	8,924	0	1,032	0	0	7,892
23	394 Tools, Shop and Garage Equipment.....	11,259	3,218	1,753	0	0	12,724
24	395 Laboratory Equipment.....	34	0	34	0	0	0
25	396 Power Operated Equipment.....	0	0	0	0	0	0
26	397 Communication Equipment.....	995,020	21,465	43,453	0	0	973,032
27	398 Miscellaneous Equipment.....	13,826	0	940	0	0	12,886
28	399 Other Tangible Property.....	0	0	0	0	0	0
29	Total General Plant	3,910,520	303,671	559,303	0	(2,686)	3,652,202
30	Total Electric Plant in Service	21,672,675	2,041,517	1,620,905	0	(2,686)	22,090,601
31	104 Utility Plant leased to Others.....	0	0	0	0	0	0
32	105 Property Held for Future Use.....	0	0	0	0	0	0
33	107 Construction Work in Progress.....	202,697	7,612,220	0	0	(610,693)	7,204,224
34	108 Accumulated Depreciation.....	0	0	0	0	0	0
35	Total Utility Electric Plant	21,875,372	9,653,737	1,620,905	0	(613,379)	29,294,825

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)
(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	LUBRICATION OIL			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
			# 2 FUEL OIL			
1	On Hand Beginning of year	121,099	36,388	118,465	275	2,634
2	Received During Year	486,026	150,793	475,434	1,045	10,592
3	TOTAL	607,125	187,181	593,899	1,320	13,226
4						
5	Used During Year (Note A)	449,476	135,196	441,903	770	7,573
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	449,476	135,196	441,903	770	7,573
13	BALANCE END OF YEAR	157,649	51,985	151,996	550	5,653

Line No.	Item (g)	Kinds of Fuel and Oil -- Continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1	Interest Income	17,105
2		
3		
4		
5		
6	TOTAL	17,105

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	0

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33	PAYMENT IN LIEU OF TAXES	240,926
34		
35		
36		
37		
38		
39		
40	TOTAL	240,926

MUNICIPAL REVENUES (Accounts 482,444)
(K.W.H. Sold under the Provision of Chapter 269, Acts of 1927)

Line No.	Acct No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue per M.C.F. [\$0.0000] (d)
1					
2					
3					
4		TOTALS			
Line No.	Acct No.	Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [\$0.0000] (d)
5					
6	444	Municipal: (Other Than Street Lighting)	11,465,740	\$1,284,841	0.1121
7					
8					
9		Street Lighting	1,562,456	\$158,193	0.1012
10					
11					
12					
13					
14					
15					
16					
17					
18					
19		TOTALS	13,028,196	\$1,443,034	0.2133
PURCHASED POWER (Account 555)					
Line No.	Names of Utilities from which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Cost per K.W.H. cents [0.0000] (e)
20	MMWEC	RAS 115 KV	297,483,291	\$20,808,851	0.0699
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	297,483,291	20,808,851	0.0699
SALES FOR RESALE (Account 447)					
Line No.	Names of Utilities to which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (c)	Revenues per K.W.H. [cents] [0.0000] (e)
30					
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS			

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of Operating Revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
 2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.
 3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are

added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
 5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 Kw of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Account (a)	Operating Revenues			Kilowatt-hours Sold			Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)		
SALES OF ELECTRICITY									
1	440 Residential Sales	\$15,987,495	\$145,265	135,969,705	(840,269)	14,296		206	
2	442 Commercial and Industrial Sales:								
3	Small (or Commercial) see instr. 5	\$2,973,488	(\$177,950)	23,678,226	(1,573,980)	980		(71)	
4	Large (or Industrial) see instr. 5	\$11,270,926	(\$8,767)	104,874,733	(3,737,619)	127		59	
5	444 Municipal Sales (P.22)	\$1,284,941	\$37,290	11,465,740	246,280	101		1	
6	445 Other Sales to Public Authorities	\$158,193	(\$6,983)	1,562,456	3,350	1		0	
7	446 Sales to Railroads and Railways								
8	448 Interdepartmental Sales	\$136,756	(\$12,371)	1,432,674	(104,639)	406		5	
9	449 Miscellaneous Electric Sales								
10	Total Sales to Ultimate Consumers	\$31,811,699	(\$23,516)	278,983,534	(6,006,877)	15,911		195	
11	447 Sales for Resale								
12	Total Sales of Electricity*	\$31,811,699	(\$23,516)	278,983,534	(6,006,877)	15,911		195	
OTHER OPERATING REVENUES									
13	450 Forfeited Discounts	\$0							
14	451 Miscellaneous Service Revenues	\$22,404	(\$5,024)						
15	453 Sales of Water and Water Power	\$0							
16	454 Rent from Electric Property	\$0							
17	455 Interdepartmental Rents	\$0							
18	456 Other Electric Revenues	\$171,718	\$6,991						
19	Miscellaneous Adjustments to Sales								
20	Total Other Operating Revenues	\$194,122	\$1,967						
21	Total Electric Operating Revenues	\$32,005,821	(\$21,549)						
22									
23									
24									
25									
26									

*Includes revenues from application of fuel clauses

Total KWH to which applied

N/A

N/A

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered)	
						July 31 (e)	December 31 (f)
1	440	RESIDENTIAL	135,969,705	\$15,987,495	0.1176	14,337	14,254
2							
3							
4							
5	442	COMMERCIAL	23,678,226	\$2,973,488	0.1256	979	980
6							
7		GENERAL SERVICE	104,874,733	\$11,270,926	0.1075	126	127
8							
9							
10	444	STREET LIGHT	1,562,456	\$158,193	0.1012	1	1
11							
12		MUNICIPAL	11,465,740	\$1,284,841	0.1121	100	101
13							
14		PROTECTIVE LIGHT	1,432,674	\$136,756	0.0955	407	405
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
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40							
41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE CONSUMERS		278,983,534	\$31,811,699	0.1140	15,950	15,868
49	(Page 37 Line 11)						

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.
2. If the increases and decreases are not divided from previously reported figures explain in footnote.

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSE		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering.....		
5	501 Fuel.....		
6	502 Steam expense.....		
7	503 Steam from other sources.....		
8	504 Steam transferred -- Cr.....		
9	505 Electric expenses.....		
10	506 Miscellaneous steam power expenses.....		
11	507 Rents.....		
12	Total Operation		
13	Maintenance:		
14	510 Maintenance supervision and engineering.....		
15	511 Maintenance of structures.....		
16	512 Maintenance of boiler plant.....		
17	513 Maintenance of electric plant.....		
18	514 Maintenance of miscellaneous steam plant.....		
19	Total Maintenance		
20	Total power production expenses -- steam power		
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering.....		
24	518 Fuel.....		
25	519 Coolants and water.....		
26	520 Steam expense.....		
27	521 Steam from other sources.....		
28	522 Steam transferred -- Cr.....		
29	523 Electric expenses.....		
30	524 Miscellaneous nuclear power expenses.....		
31	525 Rents.....		
32	Total Operation		
33	Maintenance:		
34	528 Maintenance supervision and engineering.....		
35	529 Maintenance of structures.....		
36	530 Maintenance of reactor plant equipment.....		
37	531 Maintenance of electric plant.....		
38	532 Maintenance of miscellaneous nuclear plant.....		
39	Total Maintenance		
40	Total power production expenses -- nuclear power		
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering.....		
44	536 Water for power.....		
45	537 Hydraulic expenses.....		
46	538 Electric expenses.....		
47	539 Miscellaneous hydraulic power generation expenses.....		
48	540 Rents.....		
49	Total Operation		

(continued on page 40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - CONTINUED		
2	Maintenance:		
3	541 Maintenance Supervision and Engineering.....	0	0
4	542 Maintenance of Structures.....	0	0
5	543 Maintenance of Reservoirs, Dams and Waterways.....	0	0
6	544 Maintenance of Electric Plant.....	0	0
7	545 Maintenance of Miscellaneous Hydraulic Plant.....	0	0
8	Total Maintenance		
9	Total Power Production Expenses - Hydraulic Power		
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering.....	0	0
13	547 Fuel.....	447,097	215,545
14	548 Operation Expenses.....	33,420	832
15	549 Miscellaneous Other Power Generation Expenses.....	0	0
16	550 Rents.....	0	0
17	Total Operation	480,517	216,377
18	Maintenance:		
19	551 Maintenance Supervision and Engineering.....	0	0
20	552 Maintenance of Structure.....	0	0
21	553 Maintenance of Generating and Electric Plant.....	62,252	(31,498)
22	554 Maintenance of Miscellaneous Other Power Generation Plant.....	0	0
23	Total Maintenance	62,252	(31,498)
24	Total Power Production Expenses - Other Power	542,769	184,879
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	20,808,851	552,070
27	556 System Control and Load Dispatching.....	0	0
28	557 Other Expenses.....	679,282	326,908
29	Total Other Power Supply Expenses	21,488,133	878,978
30	Total Power Production Expenses	22,030,902	1,063,857
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering.....	0	0
34	561 Load Dispatching.....	0	0
35	562 Station Expenses.....	0	0
36	563 Overhead Line Expenses.....	0	0
37	564 Underground Line Expenses.....	0	0
38	565 Transmission of Electricity by Others.....	4,281,762	611,865
39	566 Miscellaneous Transmission Expenses.....	0	0
40	567 Rents.....	0	0
41	Total Operation	4,281,762	611,865
42	Maintenance:		
43	568 Maintenance Supervision and Engineering.....	0	0
44	569 Maintenance of Structures.....	0	0
45	570 Maintenance of Station Equipment.....	0	0
46	571 Maintenance of Overhead Lines.....	0	0
47	572 Maintenance of Underground Lines.....	0	0
48	573 Maintenance of Miscellaneous Transmission Plant.....	0	0
49	Total Maintenance	0	0
50	Total Transmission Expenses	4,281,762	611,865

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation Supervision and Engineering.....	201,810	14,117
4	581 Load Dispatching.....	0	0
5	582 Station Expenses.....	1,098	(25)
6	583 Overhead Line Expenses.....	46,844	(719)
7	584 Underground Line Expenses.....	0	0
8	585 Street Lighting and Signal System Expenses.....	0	0
9	586 Meter Expenses.....	38,593	(13,665)
10	587 Customer Installations Expenses.....	11,786	(216)
11	588 Miscellaneous Distribution Expenses.....	117,576	(40,948)
12	589 Rents.....	0	0
13	Total Operation	417,707	(41,456)
14	Maintenance:		
15	590 Maintenance supervision and engineering.....	59,907	946
16	591 Maintenance of Structures.....	29,584	(20,668)
17	592 Maintenance of Station Equipment.....	239,548	5,325
18	593 Maintenance of Overhead Lines.....	624,199	(131,842)
19	594 Maintenance of Underground Lines.....	36,242	(68,454)
20	595 Maintenance of Line Transformers.....	34,384	(11,652)
21	596 Maintenance of Street Lighting and Signal Systems.....	79,409	(6,533)
22	597 Maintenance of Meters.....	0	0
23	598 Maintenance of Miscellaneous Distribution Plant.....	0	0
24	Total Maintenance	1,103,273	(232,878)
25	Total Distribution Expenses	1,520,980	(274,334)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....	0	0
29	902 Meter Reading Expenses.....	35,835	(2,565)
30	903 Customer Records and Collection Expenses.....	325,062	13,319
31	904 Uncollectable Accounts.....	93,618	(119,498)
32	905 Miscellaneous Customer Accounts Expenses.....	0	0
33	Total Customer Accounts Expenses	454,515	(108,744)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....	0	0
37	912 Demonstrating and Selling Expenses.....	120,485	13,900
38	913 Advertising Expenses.....	0	0
39	916 Miscellaneous Sales Expense.....	0	0
40	Total Sales Expenses	120,485	13,900
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	379,420	(7,269)
44	921 Office Supplies and Expenses.....	140,316	58,993
45	922 Administrative Expenses Transferred - Cr.....	0	0
46	923 Outside Services Employed.....	77,286	9,567
47	924 Property Insurance.....	194,892	1,403
48	925 Injuries and Damages.....	19,452	7,402
49	926 Employees Pensions and Benefits.....	1,236,401	45,550
50	928 Regulatory Commission Expenses.....	0	0
51	929 Duplicate Charges - Cr.....	0	0
52	930 Miscellaneous General Expenses.....	129,564	28,684
53	931 Rents.....	0	0
54	Total Operation	2,177,331	144,330

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE EXPENSES		
2	Maintenance:		
3	932 Maintenance of General Plant.....	185,924	37,758
4	933 Transportation expense.....		
5	Total Maintenance	185,924	37,758
6	Total Administrative and General Expenses	2,363,255	182,088
7	Total Electric Operation and Maintenance Expenses	30,771,899	1,488,632

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	OPERATION (b)	MAINTENANCE (c)	TOTAL (d)
8	Power Production Expenses			
9	Electric Generation			
10	Steam Power.....			
11	Nuclear Power.....			
12	Hydraulic Power.....			
13	Other Power.....			0
14	Other Power Supply Expenses.....			0
15	Total Power Production Expenses	0	0	0
16	Transmission Expenses.....			0
17	Distribution Expenses.....			0
18	Customer Accounts Expenses.....			0
19	Sales Expenses.....			0
20	Administrative and General Expenses.....			0
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	0	0	0

- 23 Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%)
 Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)..... 101.24%
- 24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts..... 2,845,588
- 25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees) 38

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.
 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis or apportioning such tax.
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

TAXES CHARGED DURING YEAR

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)									
			Electric (Acct. 408, 409) (c)	Gas (Acct. 408, 409) (d)	(e)	(f)	(g)	(h)	(i)	(j)		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
TOTAL												

NOT APPLICABLE

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column.

Line No.	Property (a)	Amount of Investment (b)	Amount of Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16		NOT APPLICABLE			
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS	\$0.00	\$0.00	\$0.00	\$0.00

INCOME FROM MERCHANDISE, JOBBING AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses, and net income from merchandising, jobbing and contract work during year.

Line No.	Item (a)	Electric Department (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising sales, less discounts,				
3	allowances and returns.....	\$33,848			\$33,848
4	Contract Work.....				
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	\$33,848	\$0	\$0	\$33,848
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16					
17	Labor				
18	Materials				
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses.....				
27	Customer accounts expenses.....				
28	Administrative and general expenses.....				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	\$0.00	\$0.00	\$0.00	\$0.00
51	Net Profit (or Loss)	\$33,848.00	\$0.00	\$0.00	\$33,848.00

SALES FOR RESALE (Account 447) - Continued

- 5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
- 6. The number of Kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.
- 7. Explain any amounts entered in column (n) such as fuel or other adjustments.
- 8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sale may be grouped.

Type of Demand Reading (l)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per Kwh (cents) [0.0000] (p)	Line No.
			Demand Charges (i)	Energy Charges (m)	Other Charges (n)	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
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								31
								32
								33
								34
TOTALS		0	\$0.00	\$0.00	\$0.00	\$0.00	0.0000	35

NOT APPLICABLE

PURCHASED POWER (Account 555)

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R E A. Cooperatives, and (7) Other Public Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power DP; other, O, and place an "X" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Kw or Kva Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	New York Power Authority	FP	X	ROLFE AVE. SUB.	RS	2,255	Monthly Maximum Demand	
2	Stonybrook Intermediate	O		ROLFE AVE. SUB.	RS	13,413		
3	Nuclear Mix 1 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	82		
4	Nuclear Mix 1 (Millstone)	O	X	ROLFE AVE. SUB.	RS	835		
5	Nuclear Project 3 (Millstone)	O	X	ROLFE AVE. SUB.	RS	1,827		
6	Nuclear Project 4 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	2,450		
7	Nuclear Project 5 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	302		
8	W.F. Wyman	O	X	ROLFE AVE. SUB.	RS	2,581		
9	Project 6 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	3,782		
10	Transmission Charges							
11	Hydro Quebec	O	X	ROLFE AVE. SUB.	RS			
12	ISO OATT			ROLFE AVE. SUB.	RS			
13	System Power	DP		ROLFE AVE. SUB.	RS			
14	Berkshire Wind Power Cooperative	O		ROLFE AVE. SUB.	RS			
15	Ashuelot/Lower Robertson Hydro	O	X	TOWN LINE				
16	Eagle Creek					1,500		
17	Rate Stabilization Transfers							
18	ConEdison							
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership should be furnished whether or not used in the determination in column (e), thus: respondent owned or leased, RS; seller of demand charges. Show in column (l) type of demand owned or leased, SS. reading (instantaneous, 15, 30, or 60 minutes integrated).

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit Cents)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 MINUTES	115 kv	13,760,950	\$109,759	\$67,704	\$411,913	\$589,376	0.0428	1
60 MINUTES	115 kv	7,701,867	\$493,827	\$887,651	\$7,717	\$1,389,195	0.1804	2
60 MINUTES	115 kv	758,449	\$8,965	\$5,425	\$48	\$14,438	0.0190	3
60 MINUTES	115 kv	6,860,643	\$352,922	\$46,894	\$6,177	\$405,993	0.0592	4
60 MINUTES	115 kv	14,835,966	\$1,130,409	\$101,838	\$13,358	\$1,245,605	0.0840	5
60 MINUTES	115 kv	21,657,579	\$1,246,005	\$154,730	\$1,369	\$1,402,104	0.0647	6
60 MINUTES	115 kv	2,671,815	\$162,495	\$19,145	\$169	\$181,809	0.0680	7
60 MINUTES	115 kv	894,544	\$103,435	\$154,965	\$2,938	\$261,338	0.2921	8
60 MINUTES	115 kv	33,434,004	\$2,586,241	\$239,290	\$2,113	\$2,827,644	0.0846	9
						\$0	N/A	10
						\$0	N/A	12
		138,566,911		\$7,885,031	\$0	\$7,885,031	0.0569	13
60 MINUTES	115 kv	6,512,555		\$0	\$485,523	\$485,523	0.0746	14
60 MINUTES	115 kv	4,695,855		\$258,672	\$0	\$258,672	0.0551	15
60 MINUTES	115 kv	4,681,017		\$240,604	\$758	\$241,362	0.0516	16
					(\$1,200,000)	(\$1,200,000)	N/A	17
		4,240,172		\$270,376		\$270,376	0.0638	18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36
TOTALS		261,272,327	\$6,194,058	\$10,332,325	(\$267,917)	\$16,258,466	0.0811	37

Annual Report of SHREWSBURY

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Non-utilities, (5) Municipalities, (6) R.E.A., Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).

3. Particulars of settlements for interchange power coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	ISO INTERCHANGE				291,247,737	261,272,327	29,975,410	4,550,385
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12			TOTALS		291,247,737	261,272,327	29,975,410	\$4,550,385

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO INTERCHANGE	INTERCHANGE EXPENSE	\$4,073,074
14		NEPOOL EXPENSE	477,311
15			
16			
17			
18			
19			
20			
21		TOTALS	\$4,550,385

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation (excluding station use):	
3	Steam..... Gas Turbine Combined Cycle	
4	Nuclear.....	
5	Hydro.....	
6	Other..... Diesel	1,817,082
7	Total generation.....	1,817,082
8	Purchases.....	291,247,737
9	{ In (gross)	291,247,737
10	Interchanges..... { Out (gross)	261,272,327
11	{ Net (Kwh).....	29,975,410
12	{ Received.....	261,272,327
13	Transmission for/by others (Wh)..... { Delivered.....	
14	{ Net (kwh).....	261,272,327
15	TOTAL	293,064,819
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales).....	278,983,534
18	Sales for resale.....	
19	Energy furnished without charge	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	1,223,428
22	Energy losses:	
23	Transmission and conversion losses.....	0
24	Distribution losses.....	
25	Unaccounted for losses..... 12,857,857	
26	Total energy losses.....	12,857,857
27	Energy losses as percent of total on line 15..... 4.39%	
28	TOTAL	293,064,819

MONTHLY PEAKS AND OUTPUT

- Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.
- Monthly peak col. (b) 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) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.
- State type of monthly peak reading (instantaneous 15, 30 or 60 minute integrated.)
- Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
- If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

Shrewsbury System

Monthly Peak

Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)
29	JAN	54,892	Thur	2	18:00	60 min	29,263,621
30	FEB	48,901	Tues	11	19:00	"	25,093,608
31	MAR	48,335	Mon	3	19:00	"	26,193,358
32	APR	38,955	Wed	30	21:00	"	21,454,531
33	MAY	39,798	Mon	12	21:00	"	21,105,572
34	JUNE	50,188	Mon	30	19:00	"	23,369,788
35	JULY	56,798	Sat	12	18:00	"	27,658,676
36	AUG	53,287	Wed	27	18:00	"	25,091,910
37	SEPT	53,012	Tues	2	20:00	"	22,769,494
38	OCT	38,934	Wed	15	20:00	"	21,534,181
39	NOV	45,036	Wed	26	18:00	"	23,285,279
40	DEC	49,474	Mon	8	19:00	"	26,244,801
41						TOTAL	293,064,819

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear, See Instruction 10)

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Hw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings). (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)
2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.
3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.
5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.
6. If gas is used and purchased on a therm basis, the B.L.U. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.
7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501 and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, int. com., gas turbine)	INTERNAL COMB		
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	P PLANT FULL OUTDOOR		
3	Year originally constructed	1969		
4	Year last unit was installed	1978		
5	Total installed capacity (maximum generator name plate ratings in kw)	13750		
6	Net peak demand on plant-kilowatts (60 min.)	13,750		
7	Plant hours connected to load	21		
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water	NOT LIMITED		
10	(b) When limited by condenser water			
11	Average number of employees	0		
12	Net generation, exclusive of station use	1,817,082		
13	Cost of plant (omit cents):			
14	Land and land rights	\$4,737		
15	Structures and improvements	\$68,461		
16	Reservoirs, dams, and waterways			
17	Equipment costs	\$3,804,076		
18	Roads, railroads, and bridges			
19	Total cost	\$3,877,274	\$0	\$0
20	Cost per kw of installed capacity	\$282	#DIV/0!	#DIV/0!
21	Production expenses:			
22	Operation supervision and engineering	33,420		
23	Station labor			
24	Fuel	447,097		
25	Supplies and expenses, including water			
26	Maintenance	62,252		
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	Total production expenses	542,769	\$0.00	\$0.00
31	Expenses per net Kwh (5 places)	0.2987	#DIV/0!	#DIV/0!
32	Fuel: Kind		Oil	Oil
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	OIL		
34	Quantity (units) of fuel consumed		Barrels	
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	138,000 PER GAL		
36	Average cost of fuel per unit, del. f.o.b. plant		Per Barrel	
37	Average cost of fuel per unit consumed		Per Barrel	
38	Average cost of fuel consumed per million B.t.u.		Per Barrel	
39	Average cost of fuel consumed per kwh net gen.			
40	Average B.t.u. per kwh net generation		BTU Per kWh	
41				
42				

GENERATING STATION STATISTICS (Large Stations) – Continued
(Except Nuclear, See Instruction 10)

547 as shown on Line 24

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

operations with a conventional steam unit, the gas turbine should be included with the steam station.

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
						1
						2
						3
						4
						5
						6
			NOT APPLICABLE			7
						8
						9
						10
						11
						12
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						14
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						18
						19
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						38
						40
						41
						42

STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1				NOT APPLICABLE			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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31							
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33							
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35							
36							
37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

expenses to revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name or lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Turbine-Generators*

Year Installed (h)	Type (l)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				NOT APPLICABLE							
TOTALS											

Note references:

- *Report cross-compound turbine-generator units on two lines -- H.P. section and L.P. section.
- + Indicate tandem-compound (T.C.); cross-compound (C.C.); all single casing (S.C.); topping unit (T), and noncondensing (N.C.). Show back pressures.
- ** Designate air cooled generators.
- ++ If other than 3 phase, 60 cycle, indicate other characteristics.
- *+ Should agree with column (m).

HYDROELECTRIC GENERATING STATIONS

- 1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
- 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
- 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7			NOT APPLICABLE				
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37							

* Horizontal or vertical. Also indicate type of runner – Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
										1
										2
										3
										4
										5
										6
										7
										8
										9
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										37
										38
										39
TOTALS										

NOT APPLICABLE

COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(except nuclear stations)

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	PEAKING PLANT	OFF RT 9	DIESEL	ELECTROMOTIVE	1969	2	DIRECT
2							
3							
4	PEAKING PLANT	OFF RT 9	DIESEL	GMC	1975	2	DIRECT
5							
6							
7	PEAKING PLANT	OFF RT 9	DIESEL	GMC	1978	2	DIRECT
8							
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39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS – Continued
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
3600	7200	1969	4160	3 PH	60	2750	2	5500	1
3600	7200	1975	4160	3 PH	60	2750	2	5500	2
3600	7200	1978	4160	3 PH	60	2750	1	2750	3
									4
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TOTALS									39

GENERATING STATION STATISTICS (Small Stations)

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW* and other stations of less than 500 KW* installed capacity (name plate ratings). (*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.
 2. Designate any plant leased from others, operated under a license from the Federal Power Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote.
 3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.
 4. Specify if total plant capacity is reported in kva instead of kilowatts.
 5. If peak demand for 60 minutes is not available, give that which is available, specifying period.
 6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (60 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0.00 (l)
								Labor (h)	Fuel (i)	Other (j)		
1												
2												
3												
4												
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TOTALS												

NOT APPLICABLE

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	ROLFE AVE SUB	LOGAN SUB	69 KV	UG	3,000 FT		1	350 MCM AL
2								
3								
4	ROLFE AVE SUB	LOGAN SUB	69 KV	UG	3,000 FT		1	350 MCM AL
5								
6								
7	ROLFE AVE SUB	JOHNSON SUB	69 KV	UG	10,000 FT		1	300 MCM CU
8								
9								
10	ROLFE AVE SUB	JOHNSON SUB	69 KV	UG	10,000 FT		1	300 MCM CU
11								
12								
13								
14								
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46								
47	TOTALS				26,000		4	

* Where other than 60 cycle, 3 phase, so indicate.

Annual Report of SHREWSBURY		SUBSTATIONS									
<p>1. Report below the information called for concerning substations of the respondent as of the end of the year.</p> <p>2. Substations which serve but one industrial or street railway customer should not be listed hereunder.</p> <p>3. Substations with capacities of less than 5000 Kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.</p>		<p>4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.</p> <p>5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxiliary equipment for increasing capacity.</p> <p>6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by</p>		<p>reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.</p>							
		VOLTAGE			Conversion Apparatus and Special Equipment						
Line No.	Name and Location of Substation (a)	Character of Substation (b)	Primary (c)	Secondary (d)	Tertiary (e)	Capacity of Substation in Kva (in Service) (f)	Number Of Transformers in Service (g)	Number of Spare Transformers (h)	Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1	ROLFE AVE SUBSTATION	TRANSMISSION UNATTENDED	115 KV	69 KV	13.80 KV	112,000	2				
2											
3											
4	LOGAN SUBSTATION	DISTRIBUTION UNATTENDED	69 KV	13.8 KV	4.6 KV	66,000	2				
5											
6											
7											
8	JOHNSON SUBSTATION	DISTRIBUTION UNATTENDED	13.8 KV	4.16 KV		12,500	2				
9											
10											
11											
12	PEAKING PLANT	POWER SUPPLY UNATTENDED	4.16 KV	13.8 KV		18,750	2				
13											
14											
15											
16	JOHNSON SUBSTATION	DISTRIBUTION UNATTENDED	69 KV	13.8 KV		93,334	2				
17											
18											
19	ROLFE AVE SUB DISTRIBUTION 2002	DISTRIBUTION UNATTENDED	115 KV	13.8 KV		100,000	2				
20											
21											
22											
23											
24											
25											
26											
27											
28											
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30											
31											
32											
TOTALS						224,500	12	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	187.36		187.36
2	Added During Year	0.00		0.00
3	Retired During Year			
4	Miles - End of Year	187.36		187.36
5				
6				
7				
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15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (Kva)
16	Number at beginning of year.....	14,068	17,939	4,135	201,424
17	Additions during year:				
18	Purchased.....		192	46	2,475
19	Installed.....		82	42	3,438
20	Associated with utility plant acquired.....				
21	Total additions.....	0	274	88	5,913
22	Reduction during year:				
23	Retirements.....	8	50	24	1,275
24	Associated with utility plant sold.....				
25	Total reductions.....	8	50	24	1,275
26	Number at End of Year.....	14,060	18,163	4,199	206,061
27	In Stock.....		1,819		
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....				
31	In Companys' Use.....				
32	Number at End of Year.....		1,819	0	0

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE -- (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground Distribution System	Underground Cable		Submarine Cable		
		Miles of Conduit Bank (All sizes and Types) (b)	Miles* (c)	Operating voltage (d)	Feet* (e)	Operating Voltage (f)
1	5 KV SYSTEM	20.19	28.51	4,160		
2						
3	15 KV SYSTEM	98.83	135.29	13,800		
4						
5						
6						
7						
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TOTALS		119.02	163.8			

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	TYPE							
			Metal Halide		Mercury Vapor		Fluorescent		High Press. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	92W	0								
2	100W	673			667				6	
3	175W	260	48		212					
4	400W	91			24				67	
5	70W	1,797	7						1,790	
6	150W	4							4	
7	250W	106							106	
8	LEDS (H)	26								26
9										
10										
11										
12										
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48										
49										
50										
51										
52	TOTALS	2,957	55		903				1,973	

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers.
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenue predicted on the previous year's operations.

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues	
			Increases	Decrease
<p>***** SEE ATTACHED WORKSHEETS *****</p>				

**SHREWSBURY ELECTRIC & CABLE OPERATIONS
ELECTRIC RATE SCHEDULES
FOR BILLS ISSUED AFTER NOVEMBER 1, 2014**

The following rates are in effect for all electric bills issued as of November 1, 2014. The Component of the Rate previously titled Transition has been replaced by a new component titled Generation and Transmission Adjustment. Definitions of each bill component as well as terms and conditions can be found online at SELCO.ShrewsburyMA.gov.

Rate	Blocks	Distribution Rate	Generation and Transmission Adjustment	Transmission Charge	PASNY Credit	Standard (Generation) Service	Total Price
R-1	Cust. Chge. Per kWh	\$2.90 \$.02700	TBD	\$.01831	- \$.00500	\$.07655	\$2.90 \$.11272
RWH	Cust. Chge. Per kWh	\$3.40 \$.01950	TBD	\$.01338	- \$.00500	\$.07655	\$3.40 \$.10029
C	Cust. Chge. Per kWh	\$12.00 \$.02800	TBD	\$.01620		\$.07655	\$12.00 \$.11661
GS-1	Cust. Chge. Per kWh Demand	\$50.00 \$.00800	TBD	\$.01563		\$.07655 \$4.15/kW	\$50.00 \$.09604 \$4.15
GS-2	Cust. Chge. Per kWh Demand	\$50.00 \$.00600	TBD	\$.01402		\$.07655 \$4.15/kW	\$50.00 \$.09243 \$4.15
M-1	Cust. Chge. Per kWh	\$2.90 \$.02032	TBD	\$.01609		\$.07655	\$2.90 \$.10882

The Generation and Transmission Adjustment Component is the rate mechanism similar to what many other electric utilities use to recover fluctuating purchased power costs. This adjustable rate component enables SELCO to recover these fluctuating wholesale power and transmission costs as they occur without overcharging or undercharging customers through fixed retail rates.

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....
Mayor

Michael Hale

.....
Manager of Electric Light

MICHAEL HALE

Clifford Jefferson

.....
CLIFFORD JEFFERSON

Michael A. Refolo

.....
MICHAEL REFOLO

**Selectmen
or
Members
of the
Municipal
Light
Board**

Anthony Trippi

.....
ANTHONY TRIPPI

Maria Lemieux

.....
MARIA LEMIEUX

Robert Holland

.....
ROBERT HOLLAND