



The Commonwealth of Massachusetts
Department of Public Utilities
Loverett Saltonstall Building, Government Center
One South Station, 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 PUBLIC UTILITIES
OF MASSACHUSETTS

For the Year Ended December 31,

2018

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

3

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
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4. Name and address of mayor or selectmen

MAURICE M DEPALO	18 WILLARD AVE.	SHREWSBURY, MA 01545
BETH CASAVANT	16 CLEAR VIEW ROAD	SHREWSBURY, MA 01545
JAMES KANE	32 MAIN CIRCLE	SHREWSBURY, MA 01545
JOHN R SAMIA	8 FOXHILL ROAD	SHREWSBURY, MA 01545
JOHN T LEBEAUX	203 WALNUT ST	SHREWSBURY, MA 01545

5. Name and address of town (or city) treasurer:

LAURIE GAUDETTE	4 ACORN LANE	STURBRIDGE, MA 01566
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6. Name and address of town (or city) clerk:

SANDRA E. WRIGHT	40 GATES RD	SHREWSBURY, MA 01545
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7. Names and addresses of members of municipal light board:

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
KELLY MARSHALL	7 BALSAM CIRCLE	SHREWSBURY, MA 01545

8. Total valuation of estates in town according to last state valuation \$6,094,744,710

9. Tax rate for all purposes during the year: Residential \$12.57 Commercial \$12.57

10. Amount of manager's salary: \$187,399

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	\$33,579,676
3	FROM RATE STABILIZATION FUND.....	
4	TOTAL	\$33,579,676
5	Expenses:	
6	For operation, maintenance and repairs.....	\$29,725,408
7	For interest on bonds, notes or scrip.....	\$385,836
8	For depreciation fund (3% on \$77,581,135 as per page 8B).....	\$2,327,434
9	For sinking fund requirements.....	
10	For note payments.....	\$661,797
11	For bond payments.....	\$300,000
12	For loss in preceding year.....	
13	TOTAL	\$33,400,475
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.....	\$1,530,553
19	Of electricity to be used for street lights.....	\$156,191
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
		\$1,686,744

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	16,357
		TOTAL	16,357

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.....	\$	\$156,191
2. Municipal Buildings.....		\$1,530,553
	\$ \$	1,686,744

*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:

1. Purchased new bucket truck to replace truck #49
2. Installed a new conduit system under Rte9 @ South St with manholes on both sides of the highway
3. Installed 1465 LED street lights
4. Retired 1465 70 watt sodium and mercury vapor street lights
5. Installed 600ft of 500 MCM copper getaway cable for the C13-7 circuit at Centec Substation
6. Installed 4000 ft of 477 Hendrix on Rte 20 from South Street east to to Walnut St. also removed 12000 Ft of old 2/0 aluminum open wire
7. Installed 300 Ft of 500 MCM copper cable under Rte 20 @ Cherry Street.
8. Columbia Gas urd and transformer system
9. Tri Mount Industries- Remove old 250KVA transformers and install a 1000 KVA pad mount

In gas property:

BONDS						
(Issued on Account of Gas or Electric Lighting)						
When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		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				
February 1, 2005	February 15, 2005	\$379,400				
February 15, 2008	February 20, 2008	\$1,000,000				
May 22, 2013	January 23, 2014	\$6,000,000	\$300,000	2015-2034	3-4% SEMI ANNUALLY	\$4,800,000
Total		\$13,366,700	\$300,000			\$4,800,000

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.

TOWN NOTES
(ISSUED ON ACCOUNT OF GAS OR ELECTRIC LIGHTING)

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		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	
1-Jun-18		\$2,373,207	\$524,776		3.20%		\$2,373,207
1-Jun-18		\$7,288,278	\$137,021		3.11%		\$7,288,278
TOTAL			\$12,661,485				\$9,661,485

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 (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					\$4,737
12	341 Structures and Improvements.....	\$309,801	\$7,276,420				\$7,586,221
13	342 Fuel Holders, Producers and Accessories.....	\$852,604	\$0				\$852,604
14	343 Prime Movers	\$2,043,965	\$26,315				\$2,070,280
15	344 Generators.....	\$1,089,521	\$8,095				\$1,097,616
16	345 Accessory Electric Equipment.....	\$1,506,363	\$0				\$1,506,363
17	346 Miscellaneous Power Plant Equipment.....	\$2,164	\$0				\$2,164
18	Total Other Production Plant	\$5,809,155	\$7,310,830	\$0	\$0	\$0	\$13,119,985
19	Total Production Plant	\$5,809,155	\$7,310,830	\$0	\$0	\$0	\$13,119,985
20	3. Transmission Plant						
21	350 Land and Land Rights.....	\$0	\$0	\$0	\$0	\$0	\$0
22	351 Clearing Land and Rights of Way	\$0	\$0	\$0	\$0	\$0	\$0
23	352 Structures and Improvements.....	\$0	\$0	\$0	\$0	\$0	\$0
24	353 Station Equipment.....	\$1,980,475	\$0	\$0	\$0	\$0	\$1,980,475
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.....	\$0	\$0	\$0	\$0	\$0	\$0
29	358 Underground Conductors and Devices	\$0	\$0	\$0	\$0	\$0	\$0
30	359 Roads and Trails.....	\$0	\$0	\$0	\$0	\$0	\$0
31	Total Transmission Plant	\$1,980,475	\$0	\$0	\$0	\$0	\$1,980,475

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								
2	360 Land and Land Rights	\$134,555	\$0	\$0	\$0	\$0	\$134,555	
3	361 Structures and Improvements	\$1,194,216	\$0	\$0	\$0	\$0	\$1,194,216	
4	362 Station Equipment	\$16,732,382	\$135,287	\$0	\$0	\$0	\$16,867,669	
5	363 Storage Battery Equipment	\$25,925	\$0	\$0	\$0	\$0	\$25,925	
6	364 Poles, Towers and Fixtures	\$3,675,463	\$96,957	\$7,633	\$0	\$0	\$3,764,787	
7	365 Overhead Conductors and Devices	\$7,045,439	\$235,411	\$480	\$0	\$0	\$7,280,370	
8	366 Underground Conduits	\$3,628,107	\$2,035	\$0	\$0	\$0	\$3,630,142	
9	367 Underground Conductors & Devices	\$4,244,436	\$30,703	\$0	\$0	\$0	\$4,275,139	
10	368 Line Transformers	\$5,115,017	\$131,752	\$10,200	\$0	\$0	\$5,236,569	
11	369 Services	\$1,952,027	\$48,786	\$0	\$0	\$0	\$2,000,813	
12	370 Meters	\$2,478,818	\$13,843	\$0	\$0	\$0	\$2,492,661	
13	371 Installation on Cust's Premises	\$1,394,074	\$0	\$0	\$0	\$0	\$1,394,074	
15	373 Street Light and Signal Systems	\$2,117,105	\$73,214	\$6,885	\$0	\$0	\$2,183,434	
	Total Distribution Plant	\$49,737,564	\$767,988	\$25,198	\$0	\$0	\$50,480,354	
5. GENERAL PLANT								
17								
19	390 Structures and Improvements	\$3,788,537	\$78,740	\$50,238	\$0	\$0	\$3,817,039	
20	391 Office Furniture and Equipment	\$3,758,739	\$36,380	\$0	\$0	\$0	\$3,795,119	
21	392 Transportation Equipment	\$2,504,215	\$15,948	\$149,582	\$0	\$0	\$2,370,581	
22	393 Stores Equipment	\$41,285	\$0	\$0	\$0	\$0	\$41,285	
23	394 Tools, Shop and Garage Equipment	\$109,734	\$9,407	\$0	\$0	\$0	\$119,141	
24	395 Laboratory Equipment	\$43,020	\$0	\$0	\$0	\$0	\$43,020	
25	396 Power Operated Equipment	\$44,354	\$0	\$0	\$0	\$0	\$44,354	
26	397 Communication Equipment	\$1,804,056	\$0	\$0	\$0	\$0	\$1,804,056	
27	398 Miscellaneous Equipment	\$37,609	\$6,800	\$0	\$0	\$0	\$44,409	
28	399 Other Tangible Property	\$60,606	\$0	\$0	\$0	\$0	\$60,606	
29	Total General Plant	\$12,192,155	\$147,275	\$199,820	\$0	\$0	\$12,139,610	
30		\$69,719,349	\$8,226,093	\$225,018	\$0	\$0	\$77,720,424	
31	TOTAL COST OF PLANT							
32	Less Cost of Land, Land Rights, and Rights of Way							\$139,292
33	Total Cost upon which depreciation is based							\$77,581,132
34	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.....	\$30,676,962	\$37,960,369	\$7,283,407
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....	\$61,521	\$61,521	\$0
5	Total Utility Plant.....	\$30,738,483	\$38,021,890	\$7,283,407
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....	\$0	\$0	\$0
13	126 Depreciation Fund (P. 14).....	\$3,369,102	\$3,372,473	\$3,371
14	128 Other Special Funds.....	\$4,153,103	\$4,001,613	(\$151,490)
15	Total Funds.....	\$7,522,205	\$7,374,086	(\$148,119)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	\$10,835,406	\$11,306,568	\$471,162
18	132 Special Deposits.....			
19	132 Working Funds.....	\$500	\$500	\$0
20	141 Notes and Receivables.....	\$160,042	\$136,296	(\$23,746)
21	142 Customer Accounts Receivable.....	\$2,615,960	\$2,518,507	(\$97,453)
22	143 Other Accounts Receivable.....	\$836,950	\$1,510,059	\$673,109
23	146 Receivables from Municipality.....			\$0
24	151 Materials and Supplies (P. 14).....	\$133,409	\$172,553	\$39,144
25				\$0
26	165 Prepayments.....	\$1,532,437	\$3,002,303	\$1,469,866
27	174 Miscellaneous Current Assets			\$0
28	Total Current and Accrued Assets...	\$16,114,704	\$18,646,786	\$2,532,082
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....	\$0	\$0	\$0
31	182 Extraordinary Property Debits.....			\$0
32	185 Other Deferred Debits.....			\$0
32	186 Deferred Outflows of Resources.....	\$477,573	\$1,053,721	\$576,148
33	Total Deferred Debits.....	\$477,573	\$1,053,721	\$576,148
34				
35	Total Assets and Other Debits.....	\$54,852,965	\$65,096,483	\$10,243,518

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).....	\$39,749,237	\$40,656,757	\$907,520
8	Total Surplus.....	\$39,749,237	\$40,656,757	\$907,520
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....	\$5,100,000	\$4,800,000	(\$300,000)
11	228 Net Pension & OPEB Liability.....	\$1,503,311	\$1,210,983	(\$292,328)
12	228.4 Deferred Inflow of Resources.....	\$1,124,688	\$1,523,906	\$399,218
13	231 Notes Payable (P. 7).....	\$0	\$9,661,485	\$9,661,485
14	Total Bonds and Notes.....	\$7,727,999	\$17,196,374	\$9,468,375
15	CURRENT AND ACCRUED LIABILITIES			
16	232 Accounts Payable.....	\$2,324,800	\$2,094,811	(\$229,989)
17	234 Payables to Municipality.....			
18	235 Customer Deposits.....			
19	236 Taxes Accrued.....	\$51,439	\$55,919	\$4,480
20	237 Interest Accrued.....	\$71,775	\$66,275	(\$5,500)
21	242 Miscellaneous Current and Accrued Liabilities	\$4,153,103	\$4,217,651	\$64,548
22	Total Current and Accrued Liabilities...	\$6,601,117	\$6,434,656	(\$166,461)
23	DEFERRED CREDITS			
24	251 Unamortized Premium on Debt.....	\$111,855	\$105,110	(\$6,745)
25	252 Customer Advance for Construction.....			
26	253 Other Deferred Credits.....			
27	Total Deferred Credits	\$111,855	\$105,110	(\$6,745)
28	RESERVES			
29	260 Reserves for Uncollectable Accounts.....	\$118,000	\$113,000	(\$5,000)
30	261 Property Insurance Reserve.....			
31	262 Injuries and Damages Reserves.....			
32	263 Pensions and Benefits.....			\$0
33	265 Miscellaneous Operating Reserves.....			
34	Total Reserves.....	\$118,000	\$113,000	(\$5,000)
35	CONTRIBUTIONS IN AID OF			
36	CONSTRUCTION			
37	271 Contributions in Aid of Construction.....	\$544,757	\$590,586	\$45,829
38	Total Liabilities and Other Credits	\$54,852,965	\$65,096,483	\$10,243,518

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.

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)	32,369,247	2,588,332
3	Operating Expenses:		
4	401 Operation Expense (P. 42).....	26,963,670	3,143,885
5	402 Maintenance Expense (P. 42).....	1,848,012	306,078
6	403 Depreciation Expense	2,070,828	61,097
7	407 Amortization of Property Losses.....	0	0
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses	30,882,510	3,511,060
11	Operating Income.....		
12	414 Other Utility Operating Income (P. 50).....	0	0
13			
14	Total Operating Income	1,486,737	(922,728)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	53,968	34,808
17	419 Interest Income.....	14,588	(1,668)
18	421 Miscellaneous Income.....	(15,008)	(15,008)
19	Total Other Income	53,548	18,132
20	Total Income	1,540,285	(904,596)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization.....	0	0
23	426 Other Income Deductions.....	0	(172,508)
24	Total Income Deductions	0	(172,508)
25	Income before Interest Charges	1,540,285	(1,077,104)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes.....	398,570	237,606
28	428 Amortization of Debt Discount and Expense.....	0	(438)
29	429 Amortization of Premium on Debt.....	(6,745)	6,090
30	431 Other Interest Expense.....		
31	432 Interest Charged to Construction-Credit.....		
32	Total Interest Charges	391,825	243,258
33	Net Income	1,148,460	(1,320,362)
	EARNED SURPLUS		
Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		39,749,237
35			
36			
37	433 Balance transferred from Income.....		1,148,460
38	434 Miscellaneous Credits to Surplus.....		
39	435 Miscellaneous Debits to Surplus.....	0	
40	436 Appropriations of Surplus (P. 21).....	240,940	
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	40,656,757	
43			
44	TOTALS	40,897,697	40,897,697

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund.....	\$ 6,996,187
2	Interest Fund.....	\$ -
3	Bond Fund.....	\$ -
4	Construction Fund.....	\$ 2,867,297
5	Funds Held By MMWEC	\$ 1,443,084
6		
7		
8		
9		
10		
11		
12	TOTAL	\$ 11,306,568

**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).....	\$96,490	
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	\$76,063	
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	\$172,553	

Depreciation Fund Account (Account 126)

Line No.	(a) DEBITS	Amount (b)
25	Balance of Account at Beginning of Year.....	\$3,369,102
26	Income During Year from Balance on Deposit.....	\$3,371
27	Amount Transferred from Income.....	
28	TOTAL	\$3,372,473
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	\$3,372,473

UTILITY PLANT -- ELECTRIC

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).

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							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant						
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant						

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.....	275,102	7,276,420	7,745			7,543,777
13	342 Fuel Holders, Producers and Accessories.....	673,417	0	21,315			652,102
14	343 Prime Movers.....	497,538	26,315	51,099			472,754
15	344 Generators	750,762	8,095	27,238			731,619
16	345 Accessory Electric Equipment.....	0	0	0			0
17	346 Miscellaneous Power Plant Equipment.....	0	0	0			0
-	Total Other Production Plant	2,201,556	7,310,830	107,397	0	0	9,404,989
19	Total Production Plant	2,201,556	7,310,830	107,397	0	0	9,404,989
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights.....	0	0	0			0
22	351 Clearing Land and Rights of Way..	0	0	0			0
23	352 Structures and Improvements..	0	0	0			0
24	353 Station Equipment.....	1,861,798	0	59,414			1,802,384
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.....	0	0	0			0
29	358 Underground Conductors and Devices	0	0	0			0
30	359 Roads and Trails.....	0	0	0			0
31	Total Transmission Plant	1,861,798	0	59,414	0	0	1,802,384

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)
4.	DISTRIBUTION PLANT						
1	360 Land and Land Rights.....	134,555	0	0	0	0	134,555
2	361 Structures and Improvements.....	614,975	0	29,855	0	0	585,120
3	362 Station Equipment.....	9,671,559	135,287	501,971	0	0	9,304,875
4	363 Storage Battery Equipment.....	8,372	0	648	0	0	7,724
5	364 Poles and Fixtures.....	1,000,623	96,957	91,886	0	0	1,005,694
6	365 Overhead Conductors and Devices....	3,998,178	235,411	176,135	0	0	4,057,454
7	366 Underground Conductors and Devices	1,341,156	2,035	90,702	0	0	1,252,489
8	367 Underground Conductors and Devices	1,460,634	30,703	106,110	0	0	1,385,227
9	368 Line Transformers.....	2,127,392	131,752	127,875	0	0	2,131,269
10	369 Services.....	855,956	48,786	48,800	0	0	855,942
11	370 Meters.....	1,222,663	13,843	61,970	0	0	1,174,536
12	371 Installation on Cust's Premises....	318,834	0	34,851	0	0	283,983
13	372 Leased Prop. on Cust's Premises....	1,108,555	73,214	52,927	0	0	1,128,842
14	373 Street Light and Signal Systems....	0	0	0	0	0	0
15	Total Distribution Plant	23,863,452	767,988	1,323,730	0	0	23,307,710
5.	GENERAL PLANT						
17	389 Land and Land Rights.....	0	0	0	0	0	0
18	390 Structures and Improvements.....	927,398	78,740	94,713	0	(15,008)	896,417
19	391 Office Furniture and Equipment.....	418,571	36,380	76,700	0	0	378,251
20	392 Transportation Equipment.....	415,214	15,948	375,632	0	0	55,530
21	393 Stores Equipment.....	4,796	0	1,032	0	0	3,764
22	394 Tools, Shop and Garage Equipment...	43,326	9,407	2,743	0	0	49,990
23	395 Laboratory Equipment.....	0	0	0	0	0	0
24	396 Power Operated Equipment.....	0	0	0	0	0	0
25	397 Communication Equipment.....	889,724	0	45,101	0	0	844,623
26	398 Miscellaneous Equipment.....	10,066	6,800	940	0	0	15,926
27	399 Other Tangible Property.....	0	0	0	0	0	0
28	Total General Plant	2,709,095	147,275	596,861	0	(15,008)	2,244,501
29	Total Electric Plant in Service	30,635,901	8,226,093	2,087,402	0	(15,008)	36,759,584
30	104 Utility Plant leased to Others.....	0	0	0	0	0	0
31	105 Property Held for Future Use.....	0	0	0	0	0	0
32	107 Construction Work in Progress.....	41,063	1,322,479	0	0	(162,757)	1,200,785
33	108 Accumulated Depreciation	0	0	0	0	0	0
34	Total Utility Electric Plant	30,676,964	9,548,572	2,087,402	0	(177,765)	37,960,369

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 Mcl., 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)	Kinds of Fuel and Oil			
			# 2 FUEL OIL		LUBRICATION OIL	
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of year	64,909	37,336	62,109	275	2,800
2	Received During Year	198,713	110,001	188,120		10,593
3	TOTAL	263,622	147,337	250,229	275	13,393
4						
5	Used During Year (Note A)	167,132	95,504	156,915		10,217
6						
7						
8						
9						
10	Sold or Transferred					
11						
12	TOTAL DISPOSED OF	167,132	95,504	156,915	0	10,217
13	BALANCE END OF YEAR	96,490	51,833	93,314	275	3,176
Kinds of Fuel and Oil -- Continued						
Line No.	Item (g)		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	14,588
2		
3		
4		
5		
6	TOTAL	14,588

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	240,940
34		
35		
36		
37		
38		
39		
40	TOTAL	240,940

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.		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)	11,522,917	\$1,258,276	0.1092	
7						
8						
9		Street Lighting	1,509,301	\$156,587	0.1037	
10						
11						
12						
13						
14						
15						
16						
17						
18						
19		TOTALS	13,032,218	\$1,414,863	0.2129	
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	290,328,648	\$18,834,909	0.0649
21		ASHUELOT	RAS 115 KV	5,269,125	318,677	0.0605
22		CONEDISON	RAS 115 KV	3,946,390	269,734	0.0683
23						
24						
25						
26						
27						
28						
29		TOTALS		299,544,163	19,423,320	0.0648
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.....	\$16,057,138	\$1,464,357	139,494,108	8,982,843	14,609	243		
2	442 Commercial and Industrial Sales.....	\$3,764,476	\$725,755	30,829,905	5,456,156	1,116	(39)		
3	Small (or Commercial) see instr. 5.....	\$10,763,068	\$283,057	103,970,408	192,101	126	1		
4	Large (or Industrial) see instr. 5.....	\$1,258,276	\$111,210	11,522,917	693,369	101	0		
5	444 Municipal Sales (P.22)	\$156,587	(\$12,260)	1,509,301	(60,770)	1	0		
6	445 Other Sales to Public Authorities.....								
7	446 Sales to Railroads and Railways.....								
8	448 Interdepartmental Sales.....	\$129,704	(\$1,524)	1,423,359	4,335	388	(4)		
9	449 Miscellaneous Electric Sales.....								
10	Total Sales to Ultimate Consumers.....	\$32,129,249	\$2,570,595	288,749,998	15,268,034	16,341	201		
11	447 Sales for Resale.....								
12	Total Sales of Electricity*.....	\$32,129,249	\$2,570,595	288,749,998	15,268,034	16,341	201		
13	OTHER OPERATING REVENUES								
14	450 Forfeited Discounts.....	\$0							
15	451 Miscellaneous Service Revenues.....	\$30,407	\$10,282						
16	453 Sales of Water and Water Power.....	\$0							
17	454 Rent from Electric Property.....	\$0							
18	455 Interdepartmental Rents.....	\$0							
19	456 Other Electric Revenues.....	\$209,591	\$7,455						
20	Miscellaneous Adjustments to Sales								
21	Total Other Operating Revenues.....	\$239,998	\$17,737						
22	Total Electric Operating Revenues.....	\$32,369,247	\$2,588,332						
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	139,494,108	\$16,057,138	0.1151	14,562	14,656
2							
3							
4							
5	442	COMMERCIAL	30,829,905	\$3,764,476	0.1221	1,148	1,084
6							
7		GENERAL SERVICE	103,970,408	\$10,763,068	0.1035	126	125
8							
9							
10	444	STREET LIGHT	1,509,301	\$156,587	0.1037	1	1
11							
12		MUNICIPAL	11,522,917	\$1,258,276	0.1092	100	101
13							
14		PROTECTIVE LIGHT	1,423,359	\$129,704	0.0911	386	390
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
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34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE CONSUMERS		288,749,998	\$32,129,249	0.6448	16,323	16,357
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.....	167,131	75,843
14	548 Operation Expenses.....	39,018	(25,915)
15	549 Miscellaneous Other Power Generation Expenses.....	0	0
16	550 Rents.....	0	0
17	Total Operation	206,149	49,928
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.....	103,044	51,491
22	554 Maintenance of Miscellaneous Other Power Generation Plant.....	0	0
23	Total Maintenance	103,044	51,491
24	Total Power Production Expenses - Other Power	309,193	101,419
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	19,423,320	3,307,411
27	556 System Control and Load Dispatching.....	0	0
28	557 Other Expenses.....	42,847	(402,181)
29	Total Other Power Supply Expenses	19,466,167	2,905,230
30	Total Power Production Expenses	19,775,360	3,006,649
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.....	4,865,464	170,997
39	566 Miscellaneous Transmission Expenses.....	0	0
40	567 Rents.....	0	0
41	Total Operation	4,865,464	170,997
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	4,865,464	170,997

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.....	200,828	(19,171)
4	581 Load Dispatching.....		0
5	582 Station Expenses.....	1,164	(3,020)
6	583 Overhead Line Expenses.....	50,776	79
7	584 Underground Line Expenses.....		0
8	585 Street Lighting and Signal System Expenses.....		0
9	586 Meter Expenses.....	42,462	(946)
10	587 Customer Installations Expenses.....	9,970	(8,725)
11	588 Miscellaneous Distribution Expenses.....	117,930	(17,351)
12	589 Rents.....	0	0
13	Total Operation	423,130	(49,134)
14	Maintenance:		
15	590 Maintenance supervision and engineering.....	45,457	(20,164)
16	591 Maintenance of Structures.....	64,572	21,181
17	592 Maintenance of Station Equipment.....	376,932	20,565
18	593 Maintenance of Overhead Lines.....	931,154	236,523
19	594 Maintenance of Underground Lines.....	39,120	3,680
20	595 Maintenance of Line Transformers.....	43,350	(17,630)
21	596 Maintenance of Street Lighting and Signal Systems....	82,653	(5,603)
22	597 Maintenance of Meters.....	0	0
23	598 Maintenance of Miscellaneous Distribution Plant.....	0	0
24	Total Maintenance	1,583,238	238,552
25	Total Distribution Expenses	2,006,368	189,418
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....	0	0
29	902 Meter Reading Expenses.....	42,872	3,155
30	903 Customer Records and Collection Expenses.....	370,012	16,753
31	904 Uncollectable Accounts.....	67,755	42,184
32	905 Miscellaneous Customer Accounts Expenses.....	0	0
33	Total Customer Accounts Expenses	480,639	62,092
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....	0	0
37	912 Demonstrating and Selling Expenses.....	160,294	8,676
38	913 Advertising Expenses.....	0	0
39	916 Miscellaneous Sales Expense.....	0	0
40	Total Sales Expenses	160,294	8,676
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	440,622	22,367
44	921 Office Supplies and Expenses.....	134,626	17,027
45	922 Administrative Expenses Transferred - Cr.....		0
46	923 Outside Services Employed.....	123,380	24,229
47	924 Property Insurance.....	172,793	(10,011)
48	925 Injuries and Damages.....	5,938	(23,475)
49	926 Employees Pensions and Benefits.....	396,008	(8,946)
50	928 Regulatory Commission Expenses.....		0
51	929 Duplicate Charges - Cr.....		0
52	930 Miscellaneous General Expenses.....	88,460	(25,106)
53	931 Rents.....		
54	Total Operation	1,361,827	(3,915)

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.....	161,730	16,035
4	933 Transportation expense.....		
5	Total Maintenance	161,730	16,035
6	Total Administrative and General Expenses	1,523,557	12,120
7	Total Electric Operation and Maintenance Expenses	28,811,682	3,449,952

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)..... **95.23%**
- 24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts..... **3,337,500**
- 25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees) **38**

TAXES CHARGED DURING YEAR

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.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents)						Distribution of Taxes Charged (omit cents)						
		(b)	Electric (Acct. 408, 409) (c)	Gas (Acct. 408, 409) (d)	(e)	(f)	(g)	(h)	(i)	(j)				
1														
2														
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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					
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12					
13					
14					
15					
16		NOT APPLICABLE			
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37					
38					
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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.....	\$53,968			\$53,968
4	Contract Work.....				
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	\$53,968	\$0	\$0	\$53,968
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)	\$53,968.00	\$0.00	\$0.00	\$53,968.00

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) other public authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other G,

and place an "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as other power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to	Statistical Classification	Export Across State Lines	Point of Delivery	Substation	Kw or Kva of Demand (Specify which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1								
2								
3								
4								
5								
6								
7								
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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	Stonybrook Intermediate	FP	X	ROLFE/CENTECH SUBS	RS/CS	13,413	Monthly Maximum Demand	
2	Nuclear Mix 1 (Seabrook)	O		ROLFE/CENTECH SUBS	RS/CS	82		
3	Nuclear Mix 1 (Millstone)	O	X	ROLFE/CENTECH SUBS	RS/CS	835		
4	Nuclear Project 3 (Millstone)	O	X	ROLFE/CENTECH SUBS	RS/CS	1,827		
5	Nuclear Project 4 (Seabrook)	O	X	ROLFE/CENTECH SUBS	RS/CS	2,450		
6	Nuclear Project 5 (Seabrook)	O	X	ROLFE/CENTECH SUBS	RS/CS	302		
7	W.F. Wyman	O	X	ROLFE/CENTECH SUBS	RS/CS	2,581		
8	Project 6 (Seabrook)	O	X	ROLFE/CENTECH SUBS	RS/CS	3,782		
9	Transmission Charges	O	X	ROLFE/CENTECH SUBS	RS/CS			
10	Hydro Quebec							
11								
12	System Power			ROLFE/CENTECH SUBS	RS/CS			
13	Berkshire Wind Power Cooperative	DP		ROLFE/CENTECH SUBS	RS/CS			
14	Ashuelot/Lower Robertson Hydro	O		ROLFE/CENTECH SUBS	RS/CS			
15		O	X	TOWN LINE				
17	ConEdison					2,500		
18	New York Power Authority	FP	X	ROLFE AVE. SUB.	RS	2,255		
19	Eagle Creek	O		TOWN LINE		1,500		
20	Hancock Wind	O	X	TOWN LINE	RS	3,329		
21	Green Power							
22								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
38								
39								
40								
41								

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

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

should be furnished whether or not used in the determination of demand charges. Show in column (l) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

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	4,046,843	\$524,297	\$300,712	\$13,177	\$838,186	0.2071	1
60 MINUTES	115 kv	750,520	\$17,468	\$4,355	\$48	\$21,871	0.0291	2
60 MINUTES	115 kv	7,885,581	\$254,970	\$50,296	\$5,342	\$310,608	0.0394	3
60 MINUTES	115 kv	17,052,073	\$530,230	\$108,763	\$11,551	\$650,544	0.0382	4
60 MINUTES	115 kv	21,431,119	\$555,380	\$124,351	\$1,358	\$681,089	0.0318	5
60 MINUTES	115 kv	2,643,877	\$67,769	\$15,341	\$168	\$83,278	0.0315	6
60 MINUTES	115 kv	551,911	\$67,413	(\$199,799)	\$2,119	(\$130,267)	-0.2360	7
60 MINUTES	115 kv	33,084,405	\$1,051,929	\$191,968	\$2,097	\$1,245,994	0.0377	8
60 MINUTES	115 kv							9
								10
		121,111,850		\$5,946,995		\$5,946,995	0.0491	11
		5,764,330						12
60 MINUTES	115 kv	5,269,125			\$256,728	\$256,728	0.0445	13
60 MINUTES	115 kv				\$318,677	\$318,677	0.0605	14
		3,946,390		\$269,734		\$269,734	0.0683	15
		14,907,064	\$449,162			\$449,162	0.0301	17
60 MINUTES	115 kv	5,796,096		\$284,714		\$284,714	0.0491	18
60 MINUTES	115 kv	9,194,459		\$438,162		\$438,162	0.0477	19
			\$8,206			\$8,206		20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
TOTALS		253,435,643	\$3,526,824	\$7,535,592	\$611,265	\$11,673,681	0.0423	

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	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				299,544,163	253,435,643	46,108,520	7,749,639
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	299,544,163	253,435,643	46,108,520	\$7,749,639

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO INTERCHANGE	INTERCHANGE EXPENSE	\$7,312,639
14		NEPOOL EXPENSE	437,000
15			
16			
17			
18			
19			
20			
21		TOTALS	\$7,749,639

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	3,354,272
7	Total generation.....	3,354,272
8	Purchases.....	299,544,163
9	{ In (gross)	299,544,163
10	Interchanges..... { Out (gross)	253,435,643
11	{ Net (Kwh).....	46,108,520
12	{ Received.....	253,435,643
13	Transmission for/by others (Wt..... { Delivered.....	
14	{ Net (kwh).....	253,435,643
15	TOTAL	302,898,435
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales).....	288,749,998
18	Sales for resale.....	
19	Energy furnished without charge	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	1,298,437
22	Energy losses:	
23	Transmission and conversion losses.....	
24	Distribution losses.....	
25	Unaccounted for losses..... 12,850,000	
26	Total energy losses.....	12,850,000
27	Energy losses as percent of total on line 15..... 4.24%	
28	TOTAL	302,898,435

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 and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
- 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 minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with connected, the information called for below should be furnished for each a brief explanation as to the nature of the emergency.

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	53,585	Fri	5	19:00	60 min	28,647,600	
30	FEB	46,343	Fri	2	19:00	"	23,001,788	
31	MAR	43,157	Wed	7	19:00	"	24,851,917	
32	APR	39,485	Tue	3	20:00	"	22,018,515	
33	MAY	44,800	Tue	29	21:00	"	22,277,099	
34	JUNE	54,929	Mon	18	19:00	"	23,812,222	
35	JULY	62,413	Tue	3	16:00	"	30,362,017	
36	AUG	63,082	Wed	29	20:00	"	30,222,744	
37	SEPT	59,480	Mon	3	20:00	"	24,103,930	
38	OCT	41,818	Wed	10	20:00	"	22,681,160	
39	NOV	43,642	Wed	14	19:00	"	24,256,651	
40	DEC	46,677	Tue	18	20:00	"	26,662,792	
41	TOTAL							302,898,435

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 term basis, the B.t.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	742,013		
13	Cost of plant (omit cents):			
14	Land and land rights	\$4,737		
15	Structures and improvements	\$7,586,221		
16	Reservoirs, dams, and waterways			
17	Equipment costs	\$5,529,027		
18	Roads, railroads, and bridges			
19	Total cost	\$13,119,985	\$0	\$0
20	Cost per kw of installed capacity	\$954	#DIV/0!	#DIV/0!
21	Production expenses:			
22	Operation supervision and engineering	39,018		
23	Station labor			
24	Fuel	167,131		
25	Supplies and expenses, including water			
26	Maintenance	103,044		
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	Total production expenses	309,193	\$0.00	\$0.00
31	Expenses per net Kwh (5 places)	0.4167	#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	\$71.83	Per Barrel	
37	Average cost of fuel per unit consumed	\$68.80	Per Barrel	
38	Average cost of fuel consumed per million B.t.u.	\$11.87	Per Barrel	
39	Average cost of fuel consumed per kWh net gen.	\$0.2100		
40	Average B.t.u. per kwh net generation	17.88	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
						7
						8
						9
						10
						11
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						38
						40
						41
						42

NOT APPLICABLE

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							
2							
3							
4							
5							
6							
7							
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35							
36							
37							

NOT APPLICABLE

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							1
											2
											3
											4
											5
											6
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											36
TOTALS											37

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							
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* 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. (l)	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
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										39
TOTALS										

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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	ELECTROMOTIVE	1975	2	DIRECT
5							
6							
7	PEAKING PLANT	OFF RT 9	DIESEL	ELECTROMOTIVE	1978	2	DIRECT
8							
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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
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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												
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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)		
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47	TOTALS							

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

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 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.

SUBSTATIONS
 4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses 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.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE			Capacity of Substation In Kva (In Service) (f)	Number Of Transformers In Service (g)	Number Of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1	ROLFE AVE SUBSTATION	DISTRIBUTION	115	13.80		112	2				
2		UNATTENDED	kV	kV							
3											
4											
5	LOGAN SUBSTATION	DISTRIBUTION	69	13.8	4.60	66	2				
6		UNATTENDED	kV	kV	kV						
7											
8											
9	JOHNSON SUBSTATION	DISTRIBUTION	13.8	4.16		13	2				
10		UNATTENDED	kV	kV							
11											
12											
13	PEAKING PLANT	POWER SUPPLY	4.16	13.8		19	2				
14		UNATTENDED	kV	kV							
15											
16											
17	JOHNSON SUBSTATION	DISTRIBUTION	69	13.80		83	2				
18		UNATTENDED	kV	kV							
19											
20	ROLFE AVE SUB DISTRIBUTION 2002	DISTRIBUTION	115	13.80		100	2				
21		UNATTENDED	kV	kV							
22											
23											
24	CENTECH SUBSTATION	DISTRIBUTION	115	13.80		120	2				
25		UNATTENDED	kV	kV							
26											
27											
28											
29											
30											
31											
32											
TOTALS						402	12	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	190.36		190.36
2	Added During Year	3.00		3.00
3	Retired During Year			0.00
4	Miles - End of Year	193.36		193.36
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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.....	15,484	18,712	4,349	225,991
17	Additions during year:				
18	Purchased.....		192	62	2,788
19	Installed.....		78	53	2,385
20	Associated with utility plant acquired.....				
21	Total additions.....	0	270	115	5,173
22	Reduction during year:				
23	Retirements.....		56	34	2,055
24	Associated with utility plant sold.....				
25	Total reductions.....	0	56	34	2,055
26	Number at End of Year.....	15,484	18,926	4,430	229,109
27	In Stock.....				
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.....		0	0	0

Annual Report of SHREWSBURY

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 (a)	Miles of Conduit Bank (All sizes and Types) (b)	Underground Cable		Submarine Cable	
			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	101.25	140.09	13,800		
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TOTALS		121.44	188.6			

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	TYPE							
			Incandescent		Mercury Vapor		Fluorescent		High Press. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Shrewsbury									
2	100W	241	0	0	227	0	0	0	14	0
3	175W	124	0	0	124	0	0	0	0	0
4	400W	20	0	0	11	0	0	0	9	0
5	70W	1,298	0	0	0	0	0	0	1,298	0
6	250W	82	0	0	0	0	0	0	82	0
7	LED	1,955	1,955	0	0	0	0	0	0	0
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51										
52	TOTALS	3,720	1,955	0	362	0	0	0	1,403	0

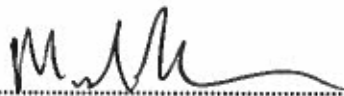
RATE SCHEDULE INFORMATION

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>				

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....
Mayor



.....
Manager of Electric Light

MICHAEL HALE

.....
MICHAEL REFOLO



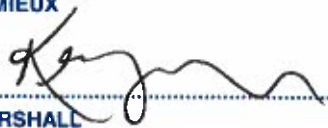
.....
ROBERT HOLLAND

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

.....
ANTHONY TRIPPI



.....
MARIA LEMIEUX



.....
KELLY MARSHALL

SHREWSBURY ELECTRIC & CABLE OPERATIONS
ELECTRIC RATE SCHEDULES
FOR BILLS ISSUED EFFECTIVE October 1, 2018

Rate	Blocks	Distribution Rate	Generation and Transmission Adjustment	Transmission Charge	PASNY Credit	Standard (Generation) Service	Distribution Standby Charge	Total Price
R-1	Cust. Chge. Per kWh	\$2.90 \$0.02700	(\$0.00210)	\$0.01831	(\$0.005)	\$0.07655	NA	\$2.90 \$0.11476
RWH	Cust. Chge. Per kWh	\$3.40 \$0.01950	(\$0.00210)	\$0.01338	(\$0.005)	\$0.07655	NA	\$3.40 \$0.10233
C	Cust. Chge. Per kWh	\$12.00 \$0.02800	(\$0.00210)	\$0.01620		\$0.07655	NA	\$12.00 \$0.11865
GS-1	Cust. Chge. Per KWh Demand	\$50.00 \$0.00800	(\$0.00210)	\$0.01563		\$0.07655 \$4.15/kW	NA	\$50.00 \$0.09808 \$4.15
GS-2	Cust. Chge. Per KWh Demand	\$50.00 \$0.00600	(\$0.00210)	\$0.01402		\$0.07655 \$4.15/kW	NA	\$50.00 \$0.09447 \$4.15
M-1	Cust. Chge. Per KWh	\$2.90 \$0.02032	(\$0.00210)	\$0.01609		\$0.07655	NA	\$2.90 \$0.11086
NR-1	Cust. Chge. Per kWh	\$2.90 \$0.02700	(\$0.00210)	\$0.01831	(\$0.005)	\$0.07655	\$2.50	\$2.90 \$0.11476
NC	Cust. Chge. Per kWh	\$12.00 \$0.02800	(\$0.00210)	\$0.01620		\$0.07655	\$2.50	\$12.00 \$0.11865
NMGS-1	Cust. Chge. Per KWh Demand	\$50.00 \$0.00800	(\$0.00210)	\$0.01563		\$0.07655 \$4.15/kW	\$2.00	\$50.00 \$0.09808 \$4.15
NMGS-2	Cust. Chge. Per KWh Demand	\$50.00 \$0.00600	(\$0.00210)	\$0.01402		\$0.07655 \$4.15/kW	\$2.00	\$50.00 \$0.09447 \$4.15