



**The Commonwealth of Massachusetts**

**RETURN  
OF THE  
MUNICIPAL LIGHTING PLANTS**

**TOWN OF  
Hull, Massachusetts**

**TO THE**

**DEPARTMENT OF  
PUBLIC UTILITIES**

**OF MASSACHUSETTS**

For the Year ended December 31, 2013

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

**Richard Miller**

Official Title: **Operations Manager**

Office Address: **15 Edgewater Road  
Hull, MA 02045**

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**GENERAL INFORMATION**

1. Name of town (or city) making this report.	Hull, MA
2. If the town (or city) has acquired a plant,  Kind of plant, whether gas or 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, 38 ; No, 8      Second vote: Yes, 80 ; No, 5  Date when town (or city) began to sell electricity, October 15, 1894	Electric
3. Name and address of manager of municipal lighting:  Richard Miller, 603 Nantasket Avenue, Hull, MA 02045	
4. Name and address of mayor or selectmen  Christopher Oliveri, 14 V Street, Hull, MA 02045 John D. Reilly, Jr., 277 Atlantic Avenue, Hull, MA 02045 Kevin Richardson, 65 Coburn Road, Hull, MA 02045 John C. Brannan, 11 Merrill Road, Hull, MA 02045 Domenico L. Sestito, 11 Western Avenue, Hull, MA 02045	
5. Name and address of town (or city) treasurer:  J. Michael Buckley, 253 Atlantic Avenue, Hull, MA 02045	
6. Name and address of town (or city) clerk:  Janet Bennett, 239 Atlantic Avenue, Hull, MA 02045	
7. Names and addresses of members of municipal light board:  Patrick Cannon, 223 Nantasket Road, Hull, MA 02045 Daniel Ciccarillo, 447 Nantasket Avenue, Hull, MA 02045 Stephanie Lahdry, 290 Newport Road, Hull, MA 02045 Thomas Burns, 8 Kenton Avenue, Hull, MA 02045 David Irwin, 3 Town Way, Hull, MA 02045	
8. Total valuation of estates in town (or city) according to last state valuation	1,821,632,790.00
9. Tax rate for all purposes during the year:	13.87
10. Amount of manager's salary:	153,870.00
11. Amount of manager's bond:	N. A.
12. Amount of salary paid to members of municipal light board (each)	
Chairman	450.00
	600.00

**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**

<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	FROM SALES OF GAS.....	
2	FROM SALE OF ELECTRICITY .....	8,500,000.00
3	FROM RATE STABILIZATION FUND.....	
4		
	<b>TOTAL</b>	<b>\$8,500,000.00</b>
5	<b>Expenses:</b>	
6	For operation, maintenance and repairs.....	\$7,800,000.00
7	For interest on bonds, notes or scrip.....	
8	For depreciation fund ( 3% on \$ 17,533,609.91 as per page 8B ).....	\$526,008.30
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	
12	For loss in preceding year.....	
13		
	<b>TOTAL</b>	<b>\$8,326,008.30</b>
14		
15	<b>Cost:</b>	
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.....	\$550,000.00
19	Of electricity to be used for street lights.....	\$60,000.00
20	Total of the above items to be included in the tax levy.....	\$610,000.00
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	

**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' Meters, December 31.
		HULL	6,175
		TOTAL	6,175

**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.....	\$	60,000.00
2. Municipal Buildings.....		550,000.00
	\$	<u>610,000.00</u>

\*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:

In gas property:





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						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	\$4,028,143.40	\$20,736.00		\$41,472.00		\$4,007,407.40
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	\$4,028,143.40	\$20,736.00	\$0.00	\$41,472.00	\$0.00	\$4,007,407.40
19	Total Production Plant	\$4,028,143.40	\$20,736.00	\$0.00	\$41,472.00	\$0.00	\$4,007,407.40
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices	\$10,340.00					\$10,340.00
28	357 Underground Conductors						
29	358 Underground Conductors and Devices	\$143,028.38					\$143,028.38
30	359 Roads and Trails						
31	Total Transmission Plant	\$153,368.38	\$0.00	\$0.00	\$0.00	\$0.00	\$153,368.38



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	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights	\$700.00					\$700.00
3	361 Structures and Improvements	\$68,578.14					\$68,578.14
4	362 Station Equipment	\$520,847.49	\$13,050.00				\$533,897.49
5	363 Storage Battery Equipment	\$3,696,909.44	\$54,737.30	\$1,626.68	\$6,353.75		\$3,745,666.31
6	364 Poles, Towers and Fixtures	\$4,150,409.32	\$282,452.92	\$39,501.00	\$26,571.15		\$4,366,790.09
7	365 Overhead Conductors and Devices	\$22,296.82					\$22,296.82
8	366 Underground Conductors	\$390,760.04	\$400.20	\$24,767.00			\$391,160.24
9	367 Underground Conductors & Devices	\$1,082,259.68	\$24,554.08				\$1,082,046.76
10	368 Line Transformers	\$357,127.16	\$19,779.13	\$620.00			\$376,906.29
11	369 Services	\$1,090,868.34	\$429.12				\$1,090,677.46
12	370 Meters	\$15,527.26	\$68,842.03				\$84,369.29
13	371 Installation on Cust's Premises						
14	372 Leased Prop. on Cust's Premises						
15	373 Street Light and Signal Systems						
16	Total Distribution Plant	\$360,995.62	\$17,452.04	\$4,151.48			\$374,296.18
17	<b>5. GENERAL PLANT</b>	\$11,759,279.31	\$481,696.82	\$70,666.16	\$32,924.90		\$12,137,385.07
18	389 Land and Land rights	\$3,015.90					\$3,015.90
19	390 Structures and Improvements	\$122,316.00	\$3,556.85				\$125,872.85
20	391 Office Furniture and Equipment	\$263,866.52	\$7,666.84		\$7.50		\$291,527.86
21	392 Transportation Equipment	\$647,331.95					\$647,331.95
22	393 Stores Equipment	\$22,942.89					\$22,942.89
23	394 Tools, Shop and Garage Equipment	\$57,282.19	\$13,050.00				\$70,332.19
24	395 Laboratory Equipment						
25	396 Power Operated Equipment	\$3,286.99					\$3,286.99
26	397 Communication Equipment	\$67,153.18					\$67,153.18
27	398 Miscellaneous Equipment	\$7,601.20	\$99.95				\$7,701.15
28	399 Other Tangible Property						
29	Total General Plant	\$1,214,798.82	\$24,373.64	\$70,666.16	\$7.50		\$1,239,164.96
30	Total Electric Plant in Service	\$17,155,569.91	\$526,806.46	\$70,666.16	\$74,404.40		\$17,537,325.81
31							\$17,537,325.81
32							
33							
34							

**TOTAL COST OF PLANT**.....

Less Cost of Land, Land Rights, and Rights of Way  
 Total Cost upon which depreciation is based  
 Total Cost upon which depreciation is based

\$17,533,609.91 x 3% = \$526,008.30

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	<b>UTILITY PLANT</b>			
2	101 Utility Plant - Electric.....	\$9,273,431.40	\$9,211,277.24	(\$62,154.16)
3	107 Construction work in progress	\$0.00	\$0.00	\$0.00
4	123 Investment in Associated Companies.....			
5	<b>Total Utility Plant.....</b>	<b>\$9,273,431.40</b>	<b>\$9,211,277.24</b>	<b>(\$62,154.16)</b>
6				
7				
8				
9				
10				
11	<b>FUND ACCOUNTS</b>			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	\$198,387.77	\$199,654.74	\$1,266.97
14	128 Other Special Funds..(165B & 133).....	\$1,591,981.83	\$1,781,177.54	\$189,195.71
15	<b>Total Funds.....</b>	<b>\$1,790,369.60</b>	<b>\$1,980,832.28</b>	<b>\$190,462.68</b>
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14).....	\$298,520.52	\$522,918.68	\$224,398.16
18	132 Special Deposits.....	\$184,681.00	\$184,336.00	(\$345.00)
19	135 Working Funds.....	\$1,000.00	\$1,000.00	
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	\$811,064.19	\$808,337.63	(\$2,726.56)
22	143 Other Accounts Receivable.....	\$45,072.93	\$36,431.72	(\$8,641.21)
23	146 Receivables from Municipality.....			
24	154 Materials and Supplies (P. 14).....	\$486,164.17	\$371,632.66	(\$114,531.51)
25				
26	165 Prepayments.....	\$349,861.30	\$526,931.44	\$177,070.14
27	13120 Miscellaneous Current Assets	\$13,250.08	\$13,419.75	\$169.67
28	<b>Total Current and Accrued Assets...</b>	<b>\$2,189,514.19</b>	<b>\$2,465,007.88</b>	<b>\$275,393.69</b>
29	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount.....			
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....			
33	<b>Total Deferred Debits.....</b>			
34				
35	<b>Total Assets and Other Debits.....</b>	<b>\$13,253,415.19</b>	<b>\$13,657,117.40</b>	<b>\$403,702.21</b>

## 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	<b>APPROPRIATIONS</b>			
2	201 Appropriations for Construction.....			
3	<b>SURPLUS</b>			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....	\$242,900.00	\$242,900.00	\$0.00
6	207 Appropriations for Construction Repayment..			
7	208 Unappropriated Earned Surplus (P. 12).....	\$7,625,116.43	\$7,867,568.86	\$242,452.43
8	<b>Total Surplus.....</b>	<b>\$7,868,016.43</b>	<b>\$8,110,468.86</b>	<b>\$242,452.43</b>
9	<b>LONG TERM DEBT</b>			
10	221 Bonds (P. 6).....			
11	231 Notes Payable (P. 7).....			
12	<b>Total Bonds and Notes.....</b>			
13	<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232 Accounts Payable.....	\$573,696.33	\$735,121.44	\$161,425.11
15	235 Customer Deposits Payable	\$184,681.00	\$184,336.00	(\$345.00)
16	237 Payables to Municipality.....			\$0.00
17	236 Taxes Accrued.....			\$0.00
18	237 Interest Accrued.....			\$0.00
19	242 Miscellaneous Current and Accrued Liabilities	\$13,250.08	\$13,419.75	\$169.67
20	<b>Total Current and Accrued Liabilities...</b>	<b>\$771,627.41</b>	<b>\$932,877.19</b>	<b>\$161,249.78</b>
21	<b>DEFERRED CREDITS</b>			
22	251 Unamortized Premium on Debt.....			\$0.00
23	252 Customer Advance for Construction.....			\$0.00
24	253 Other Deferred Credits.....			\$0.00
25	<b>Total Deferred Credits</b>			
26	<b>RESERVES</b>			
27	260 Reserves for Uncollectable Accounts.....	\$67,870.48	\$67,870.48	\$0.00
28	261 Property Insurance Reserve.....			\$0.00
29	262 Injuries and Damages Reserves.....			\$0.00
30	263 Pensions and Benefits.....			\$0.00
31	265 Miscellaneous Operating Reserves.....			\$0.00
32	<b>Total Reserves.....</b>	<b>\$67,870.48</b>	<b>\$67,870.48</b>	<b>\$0.00</b>
33	<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271 Contributions in Aid of Construction.....	\$4,545,900.87	\$4,545,900.87	\$0.00
35	<b>Total Liabilities and Other Credits</b>	<b>\$13,253,415.19</b>	<b>\$13,657,117.40</b>	<b>\$403,702.21</b>

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.

In Lieu of Tax Payment: \$221,435.97

## STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenue (P. 37 and P. 43) .....	\$8,027,047.15	\$179,923.76
3	<b>Operating Expenses:</b>		
4	401 Operation Expense (P.42).....	\$6,492,766.88	\$519,302.86
5	402 Maintenance Expense (P. 42).....	\$560,885.45	\$39,182.23
6	403 Depreciation Expense .....	\$514,556.22	\$13,431.13
7	407 Amortization of Property Losses.....		
8			
9	408 Taxes (P. 48).....		
10	<b>Total Operating Expenses.....</b>	<b>\$7,568,208.55</b>	<b>\$571,916.22</b>
11	Operating Income.....	\$458,838.60	(\$391,992.46)
12	414 Other Utility Operating Income (P.50).....		
13			
14	<b>Total Operating Income.....</b>	<b>\$458,838.60</b>	<b>(\$391,992.46)</b>
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)		
17	419 Interest Income.....	\$10,710.94	(\$3,506.11)
18	421 Miscellaneous Income.....		
19	<b>Total Other Income.....</b>	<b>\$10,710.94</b>	<b>(\$3,506.11)</b>
20	<b>Total Income.....</b>	<b>\$469,549.54</b>	<b>(\$395,498.57)</b>
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization.....		
23	426 Other Income Deductions.....		
24	<b>Total Income Deductions.....</b>		
25	<b>Income before Interest Charges.....</b>	<b>\$469,549.54</b>	<b>(\$395,498.57)</b>
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes.....		
28	428 Amortization of Debt Discount and Expense.....		
29	429 Amortization of Premium on Debt.....		
30	431 Other Interest Expense.....		
31	432 Interest Charged to Construction-Credit.....		
32	<b>Total Interest Charges</b>		
33	<b>Net Income.....</b>	<b>\$469,549.54</b>	<b>(\$395,498.57)</b>
<b>EARNED SURPLUS</b>			
Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		\$7,625,116.43
35			
36			
37	433 Balance transferred from Income.....		\$469,549.54
38	434 Miscellaneous Credits to Surplus.....		\$233.91
39	435 Miscellaneous Debits to Surplus.....	\$5,895.05	
40	436 Appropriations of Surplus (P.21).....	\$221,435.97	
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	\$7,867,568.86	
43			
44	<b>TOTALS</b>	<b>\$8,094,899.88</b>	<b>\$8,094,899.88</b>

**CASH BALANCES AT END OF YEAR (Account 131)**

Line No.	Items (a)	Amount (b)
1	Operation Fund.....	\$522,918.88
2	Interest Fund.....	
3	Bond Fund.....	
4	Construction Fund.....	
5	Rate Stabilization Fund	
6	Hull Off Shore Fund	
7		\$1,702,215.07
8		\$78,962.47
9		
10		
11		
12	<b>TOTAL</b>	<b>\$2,304,096.22</b>

**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 25).....	\$371,632.66	
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....		
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).....		
	<b>Total per Balance Sheet</b>		

**Depreciation Fund Account (Account 126)**

Line No.	(a)	Amount (b)
24	<b>DEBITS</b>	
25	Balance of Account at Beginning of Year.....	\$198,387.77
26	Income During Year from Balance on Deposit.....	\$1,266.97
27	Amount Transferred from Income.....	
28		<b>TOTAL</b>
29		<b>\$199,654.74</b>
30	<b>CREDITS</b>	
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.....	\$199,654.74
40		<b>TOTAL</b>
		<b>\$199,654.74</b>

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	<b>c. Hydraulic Production Plant</b>						
2	330 Land and Land Rights.....						
3	331 Structures and Improvements.....						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators.....						
6	334 Accessory Electric Equipment.....						
7	335 Miscellaneous Power Plant Equipment.....						
8	336 Roads, Railroads and Bridges.....						
9	<b>Total Hydraulic Production Plant</b>						
10	<b>D. Other Production Plant</b>						
11	340 Land and Land Rights.....						
12	341 Structures and Improvements.....						
13	342 Fuel Holders, Producers and Accessories.....	\$3,087,088.43	\$20,736.00	\$120,844.32	\$41,472.00		\$2,945,508.11
14	343 Prime Movers.....						
15	344 Generators						
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	<b>Total Other Production Plant</b>	\$3,087,088.43	\$20,736.00	\$120,844.32	\$41,472.00		\$2,945,508.11
19	<b>Total Production Plant</b>	\$3,087,088.43	\$20,736.00	\$120,844.32	\$41,472.00		\$2,945,508.11
20	<b>3. TRANSMISSION PLANT</b>						
21	350 Land and Land Rights.....						
22	351 Clearing Land and Rights of Way..						
23	352 Structures and Improvements..						
24	353 Station Equipment.....						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures.....						
27	356 Overhead Conductors and Device..	\$9,409.40		\$310.20			\$9,099.20
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....	\$117,292.64		\$4,290.84			\$113,001.80
31	<b>Total Transmission Plant</b>	\$126,702.04		\$4,601.04			\$122,101.00

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	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights.....	\$700.00					\$700.00
3	361 Structures and Improvements.....	\$40,666.47		\$2,057.40			\$38,599.07
4	362 Station Equipment.....	\$272,725.84	\$13,050.00	\$15,625.44			\$270,150.40
5	363 Storage Battery Equipment.....						
6	364 Poles and Fixtures.....	\$1,758,979.41	\$56,363.98	\$118,947.67			\$1,696,395.72
7	365 Overhead Conductors and Devices.....	\$2,001,511.03	\$321,953.92	\$190,584.33			\$2,132,880.62
8	366 Underground Conduits.....	\$13,109.35		\$668.88			\$12,440.47
9	367 Underground Conductors and Devices.....	\$83,465.12	\$400.20	\$11,722.80			\$82,142.52
10	368 Line Transformers.....	\$501,910.62	\$49,321.08	\$57,234.80			\$493,996.90
11	369 Services.....	\$101,852.98	\$19,779.13	\$10,713.84			\$110,918.27
12	370 Meters.....	\$489,730.09	\$1,049.12	\$33,346.04			\$457,433.17
13	371 Installation on Cust's Premises.....	\$15,223.74	\$68,842.03	\$465.84			\$83,599.93
14	372 Leased Prop. on Cust's Premises.....						
15	373 Street Light and Signal Systems.....	\$188,383.46	\$21,603.52	\$14,981.36			\$195,005.62
16	<b>Total Distribution Plant</b>	<b>\$5,478,248.11</b>	<b>\$552,362.98</b>	<b>\$456,348.40</b>			<b>\$5,574,262.69</b>
17	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights.....	\$3,015.90					\$3,015.90
19	390 Structures and Improvements.....	\$79,963.67	\$3,556.65	\$3,669.48			\$79,851.04
20	391 Office Furniture and Equipment.....	\$178,403.81	\$7,666.84	\$8,523.54			\$177,547.11
21	392 Transportation Equipment.....	\$215,498.92		\$19,419.96			\$196,078.96
22	393 Stores Equipment.....	\$14,649.49	\$13,050.00	\$688.32			\$13,961.17
23	394 Tools, Shop and Garage Equipment.....	\$34,729.92		\$1,718.52			\$34,011.40
24	395 Laboratory Equipment.....						
25	396 Power Operated Equipment.....	\$2,124.83		\$98.64			\$2,026.19
26	397 Communication Equipment.....	\$49,418.86		\$2,014.56			\$47,404.30
27	398 Miscellaneous Equipment.....	\$3,587.42	\$99.95	\$228.00			\$3,459.37
28	399 Other Tangible Property.....						
29	<b>Total General Plant</b>	<b>\$581,392.82</b>	<b>\$24,373.64</b>	<b>\$36,361.02</b>			<b>\$569,405.44</b>
30	<b>Total Electric Plant in Service</b>	<b>\$9,273,431.40</b>	<b>\$597,472.62</b>	<b>\$618,154.78</b>		<b>\$41,472.00</b>	<b>\$9,211,277.24</b>
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....						
34	108 Accumulated Depreciation						
	<b>Total Utility Electric Plant</b>						

## MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1	Interest Income	
2	CATV Attachments	
3	Other	
4		
5		
6	TOTAL	\$0.00

## OTHER INCOME DEDUCTIONS (Account 426)

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

## MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16		
17	Prior year miscellaneous power adjustment	\$233.91
18		
19		
20		
21		
22		
23	TOTAL	\$233.91

## MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24		
25		
26	Prior year miscellaneous power adjustment	\$5,895.05
27		
28		
29		
30		
31		
32	TOTAL	\$5,895.05

## APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33		
34		
35	In Lieu of Tax Payment	\$164,000.00
36	In Lieu of Tax Payment for Street Lights	\$57,435.97
37		
38		
39		
40	TOTAL	\$221,435.97



**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	482				
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)	3,798,409	\$535,896.12	0.1411
7					
8		TOTALS	3,798,409	\$535,896.12	0.1411
9		Street Lighting	416,647	\$57,435.97	0.1379
10					
11		TOTALS	416,647	\$57,435.97	0.1379
12					
13					
14					
15					
16					
17					
18					
19		TOTALS	4,215,056	\$593,332.09	0.1408

**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					
21	Various	Town Line 13,800 kv	48,444,444	\$4,859,539.47	0.1003
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	48,444,444	\$4,859,539.47	0.1003

**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					
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)	
<b>SALES OF ELECTRICITY</b>								
1	440 Residential Sales.....	\$6,628,776.82	\$148,552.10	37,180,158	1,057,465	5,706	1	
2	442 Commercial and Industrial Sales:							
3	Small (or Commercial) see instr. 5.....	\$1,410,279.50	\$27,275.32	9,798,800	166,953	314	5	
4	Large (or Industrial) see instr. 5.....	\$593,332.09	(\$14,811.05)	4,215,056	(105,565)	75	0	
5	444 Municipal Sales (P-22)	\$26,653.79	(\$647.66)	117,125	(2,834)	84	0	
6	445 Other Sales to Public Authorities.....						(1)	
7	446 Sales to Railroads and Railways.....							
8	448 Interdepartmental Sales.....							
9	449 Miscellaneous Electric Sales.....							
10	Total Sales to Ultimate Consumers.....	\$7,659,042.20	\$160,368.71	51,311,139	1,116,019	6,179	5	
11	447 Sales for Resale.....							
12	Total Sales of Electricity*.....	\$7,659,042.20	\$160,368.71	51,311,139	1,116,019	6,179	5	
<b>OTHER OPERATING REVENUES</b>								
13	450 Forfeited Discounts.....	\$178,943.83	\$526.42					
14	451 Miscellaneous Service Revenues.....							
15	453 Sales of Water and Water Power.....							
16	454 Rent from Electric Property.....	\$16,608.00	\$0.00					
17	455 Interdepartmental Rents.....							
18	456 Other Electric Revenues.....	\$35,446.16	\$1,055.56					
19	456 Other Electric Revenues Turbine Credits.....	\$98,437.50	\$7,230.00					
20	456 Other Electric Revenues Wind Turbine Study Grants	\$39,569.46	(\$27,270.11)					
21	Miscellaneous Adjustments to Sales							
22	Total Other Operating Revenues.....	\$368,004.95	(\$18,458.13)					
23	Total Electric Operating Revenues.....	\$8,027,047.15	\$141,910.58					
24								
25								
26								

\*Includes revenues from application of fuel clauses  
 Total KWH to which applied 51,194,014  
 \$507,251.82

**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	37,180,158	\$5,628,776.82	\$0.1514	5,696	5,701
2	442	Commercial	9,798,800	\$1,410,279.50	\$0.1439	313	316
3	444	Municipal	3,798,409	\$535,896.12	\$0.1411	64	63
4	442	Street Lights	416,647	\$57,435.97	\$0.1379	11	11
5	445	Private Area Lights	117,125	\$26,653.79	\$0.2276	85	84
6							
7							
8							
9							
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12							
13							
14							
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41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE CONSUMERS						
49	( Page 37 Line 11 )			51,311,139	\$7,659,042.20	6,169	6,175

## ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - CONTINUED</b>		
2	<b>Maintenance:</b>		
3	541 Maintenance Supervision and Engineering.....		
4	542 Maintenance of Structures.....		
5	543 Maintenance of Reservoirs, Dams and Waterways.....		
6	544 Maintenance of Electric Plant.....		
7	545 Maintenance of Miscellaneous Hydraulic Plant.....		
8	<b>Total Maintenance</b>		
9	<b>Total Power Production Expenses - Hydraulic Power</b>		
10	<b>OTHER POWER GENERATION</b>		
11	<b>Operation:</b>		
12	546 Operation Supervision and Engineering.....		
13	547 Fuel.....		
14	548 Operation Expenses.....		
15	549 Miscellaneous Other Power Generation Expenses.....		
16	550 Rents.....		
17	<b>Total Operation</b>		
18	<b>Maintenance:</b>		
19	551 Maintenance Supervision and Engineering.....		
20	552 Maintenance of Structure.....		
21	553 Maintenance of Generating and Electric Plant.....		
22	554 Maintenance of Miscellaneous Other Power Generation Plant	\$161,366.01	\$86,695.34
23	<b>Total Maintenance</b>	\$161,366.01	\$86,695.34
24	<b>Total Power Production Expenses - Other Power</b>	\$161,366.01	\$86,695.34
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased Power.....	\$4,859,539.47	\$388,660.37
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....	\$307,995.30	\$15,618.37
29	<b>Total Other Power Supply Expenses</b>	\$5,167,534.77	\$404,278.74
30	<b>Total Power Production Expenses</b>	\$5,328,900.78	\$490,974.08
31	<b>TRANSMISSION EXPENSES</b>		
32	<b>Operation:</b>		
33	560 Operation Supervision and Engineering.....		
34	561 Load Dispatching.....		
35	562 Station Expenses.....		
36	563 Overhead Line Expenses.....		
37	564 Underground Line Expenses.....		
38	565 Transmission of Electricity by Others.....		
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	<b>Total Operation</b>		
42	<b>Maintenance:</b>		
43	568 Maintenance Supervision and Engineering.....		
44	569 Maintenance of Structures.....		
45	570 Maintenance of Station Equipment.....		
46	571 Maintenance of Overhead Lines.....		
47	572 Maintenance of Underground Lines.....		
48	573 Maintenance of Miscellaneous Transmission Plant.....		
49	<b>Total Maintenance</b>		
50	<b>Total Transmission Expenses</b>		

## ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	<b>Operation:</b>		
3	580 Operation Supervision and Engineering.....		
4	581 Load Dispatching.....		
5	582 Station Expenses.....	\$88,645.50	(\$14,278.88)
6	583 Overhead Line Expenses.....		
7	584 Underground Line Expenses.....	\$489.08	\$489.08
8	585 Street Lighting and Signal System Expenses.....	\$371.25	(\$899.04)
9	586 Meter Expenses.....	\$1,750.00	(\$913.63)
10	587 Customer Installations Expenses.....	\$134,248.63	\$73,684.15
11	588 Miscellaneous Distribution Expenses.....		
12	589 Rents.....		
13	<b>Total Operation</b>	<b>\$225,504.46</b>	<b>\$58,081.68</b>
14	<b>Maintenance:</b>		
15	590 Maintenance supervision and engineering.....		
16	591 Maintenance of Structures.....	\$991.00	\$667.00
17	592 Maintenance of Station Equipment.....	\$1,351.45	\$1,351.45
18	593 Maintenance of Overhead Lines.....	\$207,482.59	(\$48,736.00)
19	594 Maintenance of Underground Lines.....	\$88,452.24	\$14,762.17
20	595 Maintenance of Line Transformers.....	\$2,370.07	\$1,558.06
21	596 Maintenance of Street Lighting and Signal Systems....	\$152,409.77	\$53,510.08
22	597 Maintenance of Meters.....	\$0.00	(\$1,276.42)
23	598 Maintenance of Miscellaneous Distribution Plant.....	\$0.00	\$0.00
24	<b>Total Maintenance</b>	<b>\$453,057.12</b>	<b>\$21,836.34</b>
25	<b>Total Distribution Expenses</b>	<b>\$678,561.58</b>	<b>\$79,918.02</b>
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	<b>Operation:</b>		
28	901 Supervision.....		
29	902 Meter Reading Expenses.....	\$38,366.80	\$2,231.00
30	903 Customer Records and Collection Expenses.....	\$264,321.53	\$14,834.35
31	904 Uncollectable Accounts.....	\$2,427.98	(\$394.90)
32	905 Miscellaneous Customer Accounts Expenses.....		
33	<b>Total Customer Accounts Expenses</b>	<b>\$305,116.31</b>	<b>\$16,670.45</b>
34	<b>SALES EXPENSES</b>		
35	<b>Operation:</b>		
36	911 Supervision.....		
37	912 Demonstrating and Selling Expenses.....	\$100.93	\$100.93
38	913 Advertising Expenses.....	\$0.00	(\$270.00)
39	916 Miscellaneous Sales Expense.....	\$368.92	\$36.02
40	<b>Total Sales Expenses</b>	<b>\$469.85</b>	<b>(\$133.05)</b>
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	<b>Operation:</b>		
43	920 Administrative and General Salaries.....	\$203,455.39	\$3,941.55
44	921 Office Supplies and Expenses.....	\$25,932.72	(\$275.09)
45	922 Administrative Expenses Transferred - Cr.....		
46	923 Outside Services Employed.....	\$74,191.10	(\$21,660.60)
47	924 Property Insurance.....	\$26,480.00	\$2,109.00
48	925 Injuries and Damages.....	\$27,829.83	\$4,895.75
49	926 Employees Pensions and Benefits.....	\$262,526.21	(\$18,405.72)
50	928 Regulatory Commission Expenses.....		
51	929 Duplicate Charges - Cr.....		
52	930 Miscellaneous General Expenses.....	\$12,360.23	(\$17,862.94)
53	931 Rent		
54	<b>Total Operation</b>	<b>\$632,775.48</b>	<b>(\$47,258.05)</b>

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>ADMINISTRATIVE EXPENSES</b>		
2	Maintenance:		
3	932 Maintenance of General Plant.....	107,828.33	9,584.99
4	933 Transportation expense	0.00	(0.25)
5	<b>Total Maintenance</b>	<b>107,828.33</b>	<b>9,584.74</b>
6	<b>Total Administrative and General Expenses</b>	<b>740,603.81</b>	<b>(37,673.31)</b>
7	<b>Total Electric Operation and Maintenance Expenses</b>	<b>7,053,652.33</b>	<b>549,756.19</b>

**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.....	\$5,328,900.78		\$5,328,900.78
14	Other Power Supply Expenses.....			
15	<b>Total Power Production Expenses</b>	<b>\$5,328,900.78</b>		<b>\$5,328,900.78</b>
16	Transmission Expenses.....			
17	Distribution Expenses.....	\$225,504.46	\$453,057.12	\$678,561.58
18	Customer Accounts Expenses.....	\$305,116.31		\$305,116.31
19	Sales Expenses.....	\$469.85		\$469.85
20	Administrative and General Expenses.....	\$632,775.48	\$107,828.33	\$778,277.02
21	Power Production Expenses			
22	<b>Total Electric Operation and Maintenance Expenses</b>	<b>\$6,492,766.88</b>	<b>\$560,885.45</b>	<b>\$7,053,652.33</b>

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 (should be 22?) (d), Depreciation (Acct 403) and Amortization (Acct 407).....	87.87%
24	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.....	\$430,967.39
25	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)	6

**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	<b>SOURCES OF ENERGY</b>	
2	Generation (excluding station use):	
3	Steam..... Gas Turbine Combined Cycle	
4	Nuclear.....	
5	Hydro.....	
6	Other Windmill ..... Diesel	4,155,980
7	Total generation.....	4,155,980
8	Purchases.....	48,444,444
9	{ In (gross).....	
10	Interchanges..... { Out (gross).....	
11	{ Net (Kwh).....	
12	{ Received.....	
13	Transmission for/by others (Wh)..... { Delivered.....	
14	{ Net (kwh).....	
15	<b>TOTAL</b> .....	<b>52,600,424</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to ultimate consumers (including interdepartmental sales).....	51,309,973
18	Sales for resale.....	
19	Energy furnished without charge.....	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	160,642
22	Energy losses:	
23	Transmission and conversion losses.....	227,167
24	Distribution losses.....	902,642
25	Unaccounted for losses.....	
26	Total energy losses.....	1,129,809
27	Energy losses as percent of total on line 15..... 2.15%	
28	<b>TOTAL</b> .....	<b>52,600,424</b>

**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, minus temporary deliveries (not interchange) or emergency power to another system.
- 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, minus temporary deliveries (not interchange) or emergency power to another system.
- If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

Hull, MA

**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	January	10,239	Sun	13	7:00pm	60 min	5,003,576
30	February	11,308	Sat	9	7:00pm	"	4,506,752
31	March	9,023	Thurs	7	7:00pm	"	4,392,580
32	April	7,573	Tues	2	9:00pm	"	3,732,918
33	May	10,992	Fri	31	9:00pm	"	3,916,876
34	June	12,548	Mon	24	8:00pm	"	4,802,226
35	July	15,424	Fri	19	6:00pm	"	6,753,605
36	August	10,634	Wed	21	9:00pm	"	5,187,319
37	September	12,670	Wed	11	8:00pm	"	4,302,758
38	October	7,729	Wed	30	8:00pm	"	3,929,102
39	November	9,656	Sun	24	7:00pm	"	4,293,859
40	December	10,308	Sat	14	7:00pm	"	5,130,425
41						<b>TOTAL</b>	<b>55,951,996</b>

**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 Kw\* 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)
		POTTER 1	DIESELS	POTTER 2
1	Kind of plant (steam, hydro, int. com., gas turbine)	Steam	I.C.	Gas Turbine C.C.
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	Conventional	Conventional	Conventional
3	Year originally constructed			
4	Year last unit was installed			
5	Total installed capacity (maximum generator name plate ratings in kw)			
6	Net peak demand on plant-kilowatts (60 min.)			
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees			
12	Net generation, exclusive of station use			
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements			
16	Reservoirs, dams, and waterways			
17	Equipment costs			
18	Roads, railroads, and bridges			
19	<b>Total cost</b>	\$0	\$0	\$0
20	<b>Cost per kw of installed capacity</b>	#DIV/0!	#DIV/0!	#DIV/0!
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel			
25	Supplies and expenses, including water			
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	<b>Total production expenses</b>	\$0.00	\$0.00	\$0.00
31	<b>Expenses per net Kwh (5 places)</b>	0.0000	#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)	Station did not operate in 1997	bbls.	bbls.
34	Quantity (units) of fuel consumed			
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)			
36	Average cost of fuel per unit, del. f.o.b. plant			
37	Average cost of fuel per unit consumed			
38	Average cost of fuel consumed per million B.t.u.			
39	Average cost of fuel consumed per kwh net gen.			
40	Average B.t.u. per kwh net generation			
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.
POTTER II						1
Gas Turbine						2
C.C.						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
94,065						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
Gas						32
M Cu. Ft.						33
992,793						34
1,029						35
						36
2.92						37
2.92						38
2.84						
0.030799						40
10,860						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					1,250	950	130,000
2					620	820	220,000
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
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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 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.

Turbine-Generators\*

Year Installed (h)	Type (i)	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)				
1959	SC	1250	3,600			Air	Cooled	0.8	13.8	12,500	1
1977	SC	620	3,600			Air	Cooled	0.9	13.8	20,700	2
1977	SC		3,600	78,000	78,000	0.5#	15.0#	0.9	13.8	78,000	3
											4
											5
											6
											7
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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).

**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	Potter II	Potter Road	Diesel	Fairbank-Morse	1977	2	Direct
2							
3							
4							
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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)		
3,600	3,600	1977	4,160	3	60	2,665	1	2,250	1
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<b>TOTALS</b>									39

## 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	GROVE STREET	PLAIN STREET	115	STEEL POLE	1.420		1	636A1
2	SWIFTS BEACH	POTTER STA	115	PIPE CABLE	0.491		1	1000A1
3	POTTER STA	MIDDLE	115	PIPE CABLE	1.807		1	1000A1
4	SWIFTS BEACH	BECO	115	STEEL POLE	0.230		1	636A1
5	STATION 10	LAKESIDE	115	PIPE CABLE	1.742		1	1000A1
6	LAKESIDE	STATION 4	115	PIPE CABLE	3.540		1	1000A1
7	GROVE STREET	BECO	115	WOOD POLE	0.030		1	636A1
8	GROVE STREET	PLAIN STREET	115	PIPE CABLE	1.420		1	1000A1
9								
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46								
47	TOTALS				10.68		8	

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

**OVERHEAD DISTRIBUTION LINES OPERATED**

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	56.16		56.16
2	Added During Year	0.00		0.00
3	Retired During Year			
4	Miles - End of Year	56.16		56.16
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
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.....	4,918	7,280	560	19,863
17	Additions during year:				
18	Purchased.....		100	7	392
19	Installed.....				
20	Associated with utility plant acquired.....				
21	<b>Total additions.....</b>	<b>0</b>	<b>100</b>	<b>7</b>	<b>392</b>
22	Reduction during year:				
23	Retirements.....		62	13	567
24	Associated with utility plant sold.....				
25	<b>Total reductions.....</b>	<b>0</b>	<b>62</b>	<b>13</b>	<b>567</b>
26	<b>Number at End of Year.....</b>	<b>4,918</b>	<b>7,318</b>	<b>554</b>	<b>19,688</b>
27	In Stock.....		1,148	36	2,484
28	Locked Meters' on customers' premises.....		9		
29	Inactive Transformers on System.....				
30	In Customers' Use.....		6,158	518	17,204
31	In Companys' Use.....		3		
32	<b>Number at End of Year.....</b>		<b>7,318</b>	<b>554</b>	<b>19,688</b>

