

MUNICIPAL LIGHTING PLANTS

The Commonwealth of Massachusetts

**RETURN**

OF THE

**TOWN OF WAKEFIELD MUNICIPAL GAS AND LIGHT DEPARTMENT**

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 :

**Eugene J. Sullivan Jr.**

Official Title: **Assistant Manager**

Office Address:

**480 North Avenue  
Wakefield, MA. 01880**

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**FOR GAS PLANTS ONLY:**

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**GENERAL INFORMATION**

- |  |   |
|--|---|
| 1. Name of town (or city) making this report.  | Town of Wakefield   |
| 2. If the town (or city) has acquired a plant,   |   |
| Kind of plant, whether gas or electric.  | Gas & 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, ; No,      Second vote: Yes, ; No,                                    |   |
| Date when town (or city) began to sell electricity,  | Year 1894   |
| 3. Name and address of manager of municipal lighting:  | Peter Dion<br>98 Spofford Street<br>Georgetown, MA 01833  |
| 4. Name and address of mayor or selectmen  | Tiziano Doto, 140 Harrison Ave. Wakefield, MA<br>Brian E Falvey, 70 Andrews Rd, Wakefield, MA<br>Patrick S Glynn, 30 Coolidge Pk. Wakefield, MA<br>Betsy Sheeran, 27 Spruce St. Wakefield, MA.<br>Paul R. Dinocco, 17 Wiley Street. Wakefield, MA<br>Phyllis J. Hull, 14 Indian Hill Rd. Wakefield, MA<br>Ann Santos, 39 Converse St. Wakefield, MA |
| 5. Name and address of town (or city) treasurer:   | John J. McCarthy Jr.<br>11 Morningside Rd.<br>Wakefield, MA.  |
| 6. Name and address of town (or city) clerk:   | Mary K. Galvin<br>340 Albion St<br>Wakefield, MA.   |
| 7. Names and addresses of members of municipal light board:  | Kenneth J. Chase Jr., Chairman, 10 Mountain Ave. Wakefield, MA.<br>Michael Giannattasio, Secretary, 19 Hickory Hill Rd, Wakefield, MA<br>Kevin T. Haggerty, 380 Vernon Street. Wakefield, MA<br>Michael P. McCarthy, 8 McDonald Farm Rd. Wakefield, MA.<br>John J. Warchol, 10 Richardson Ave. Wakefield, MA.                                       |
| 8. Total valuation of estates in town (or city) according to last state valuation                      | \$3,898,925,842   |
| 9. Tax rate for all purposes during the year:  |   |
|  | Residential - 12.29                      Residential - 12.78<br>Commercial - 24.97                      Commercial - 26.07  |
| 10. Amount of manager's salary:  | \$155,867.00  |
| 11. Amount of manager's bond:  | \$50,000.00   |
| 12. Amount of salary paid to members of municipal light board  | \$138.00  |

**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.....	\$10,000,000.00
2	FROM SALE OF ELECTRICITY .....	\$28,000,000.00
3	FROM RATE STABILIZATION FUND.....	
4	<b>TOTAL</b>	<b>\$38,000,000.00</b>
5	<b>Expenses:</b>	
6	For operation, maintenance and repairs.....	\$34,000,000.00
7	For interest on bonds, notes or scrip.....	
8	For depreciation fund ( 4% on \$ 26,394,964), 5% on \$ 36,144,730.....	\$2,863,035.06
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	
12	For loss in preceding year.....	
13	<b>TOTAL</b>	<b>\$36,863,035.06</b>
14		
15	<b>Cost:</b>	
16	Of gas to be used for municipal buildings.....	\$400,000.00
17	Of gas to be used for street lights.....	
18	Of electricity to be used for municipal buildings.....	\$1,050,000.00
19	Of electricity to be used for street lights.....	\$213,131.00
20	Total of the above items to be included in the tax levy.....	\$1,663,131.00
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	\$1,663,131.00

**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.
Wakefield	6,556	Wakefield	12,481
<b>TOTAL</b>	<b>6,556</b>	<b>TOTAL</b>	<b>12,481</b>

**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.....	\$ 225,000.00
2. Municipal Buildings.....	<u>1,450,000.00</u>
	<u>\$ 1,675,000.00</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:

The Department continues to convert its 5KV system to 13.8 KV. This will increase the reliability of the electrical service to customers. We have continued to replace our air circuit breakers. The replacement will allow us to continue to use our current substations well into the future.

We have begun the design phase of a new electric substation

In gas property:

We continue to take gas through our new meter and regulator facility. We also have continued the process of replacing some of our cast iron mains with plastic mains and old bare steel services with plastic services.

**BONDS**

(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
July 1894	October 1894	\$180,000.00					
May-1904	Jul-1904	\$10,000.00					
May-1909	Jun-1909	\$25,000.00					
Nov-1920	Dec-1920	\$25,000.00					
Apr-1922	Oct-1922	\$45,000.00					
Dec-1922	Mar-1923	\$50,000.00					
Jun-1923	Jul-1923	\$25,000.00					
Jun-1923	Jul-1923	\$30,000.00					
Mar-1924	Aug-1924	\$45,000.00					
Mar-1925	Aug-1925	\$20,000.00					
Oct-1951	Apr-1952	\$90,000.00					
Mar-1971	Sep-1971	\$300,000.00					
Mar-1971	Jul-1972	\$700,000.00					
Mar-1971	Oct-1972	\$250,000.00					
	Total	\$1,795,000.00	\$0.00				0.00

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.

\*Date of meeting and whether regular or special

**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	
Nov-1904	Dec-1904	\$3,300.00					
Nov-1905	Sep-1905	\$5,000.00					
Jun-1913	Jul-1913	\$4,000.00					
Mar-1914	May-1914	\$6,000.00					
Jun-2012	Oct-2012	\$7,700,000.00	\$7,700,000.00	Annually Upon Maturity	2.46%	Monthly	\$7,700,000.00
	TOTAL	<b>\$7,718,300.00</b>					<b>\$7,700,000.00</b>

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**

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	<b>1. INTANGIBLE PLANT</b>	NOT APPLICABLE					
2							
3							
4							
5	<b>2. PRODUCTION PLANT</b>						
6	A. Steam Production	NOT APPLICABLE					
7	310 Land and Land Rights.....						
8	311 Structures and Improvements.....						
9	312 Boiler Plant Equipment.....						
10	313 Engines and Engine Driven Generators.....						
11	314 Turbogenerator Units.....						
12	315 Accessory Electric Equipment.....						
13	316 Miscellaneous Power Plant Equipment.....						
14	<b>Total Steam Production Plant.....</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
15	B. Nuclear Production Plant						
16	320 Land and Land Rights.....						
17	321 Structures and Improvements.....						
18	322 Reactor Plant Equipment.....						
19	323 Turbogenerator Units.....						
20	324 Accessory Electric Equipment.....						
21	325 Miscellaneous Power Plant Equipment.....						
22	<b>Total Nuclear Production Plant...</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
23							





**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	\$208,521.53	\$0.00	\$0.00	\$0.00		\$208,521.53	
3	361 Structures and Improvements	\$599,553.89	\$6,135,686.77	\$162,405.37	\$0.00		\$6,572,835.29	
4	362 Station Equipment	\$5,723,273.65	\$344,470.85	\$0.00	\$0.00		\$6,067,744.50	
5	363 Storage Battery Equipment	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
6	364 Poles, Towers and Fixtures	\$1,586,800.67	\$338,602.42	\$53,330.12	\$0.00		\$1,872,072.97	
7	365 Overhead Conductors and Devices	\$5,863,647.26	\$61,850.64	\$31,025.84	\$0.00		\$5,894,472.06	
8	366 Underground Conduits	\$1,721,960.05	\$630,700.55	\$0.00	\$0.00		\$2,352,660.60	
9	367 Underground Conductors & Devices	\$5,262,080.35	\$979,520.76	\$31,807.91	\$0.00		\$6,209,793.20	
10	368 Line Transformers	\$3,112,435.16	\$390,571.61	\$19,083.56	\$0.00		\$3,483,923.21	
11	369 Services	\$972,776.83	\$48,806.97	\$15,408.16	\$0.00		\$1,006,175.64	
12	370 Meters	\$996,056.13	\$41,568.00	\$1,175.23	\$0.00		\$1,036,448.90	
13	371 Installation on Cust's Premises	\$128,219.31	\$2,933.81	\$6,330.83	\$0.00		\$124,822.29	
14	372 Leased Prop. on Cust's Premises	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
15	373 Street Light and Signal Systems	\$574,693.44	\$154,428.15	\$36,075.42	\$0.00		\$693,046.17	
16	Total Distribution Plant	<b>\$26,750,018.27</b>	<b>\$9,129,140.53</b>	<b>\$356,642.44</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$35,522,516.36</b>	
17	<b>5. GENERAL PLANT</b>							
18	389 Land and Land rights	\$500.00	\$0.00	\$0.00			\$500.00	
19	390 Structures and Improvements	\$161,819.61	\$0.00	\$161,819.61			\$0.00	
20	391 Office Furniture and Equipment	\$234,630.89	\$142,078.96	\$13,381.84			\$363,328.01	
21	392 Transportation Equipment	\$140,336.53	\$53,550.00	\$51,049.99			\$142,836.54	
22	393 Stores Equipment	\$6,466.83	\$11,545.41	\$0.00			\$18,012.24	
23	394 Tools, Shop and Garage Equipment	\$97,518.63	\$13,487.53	\$1,202.50			\$109,803.66	
24	395 Laboratory Equipment	\$3,475.00	\$0.00	\$0.00			\$3,475.00	
25	396 Power Operated Equipment		\$0.00	\$0.00				
26	397 Communication Equipment	\$74,415.49	\$24,500.76	\$1,130.00			\$97,786.25	
27	398 Miscellaneous Equipment	\$79,569.25	\$15,924.80	\$0.00			\$95,494.05	
28	399 Other Tangible Property	\$0.00	\$0.00	\$0.00			\$0.00	
29	Total General Plant	<b>\$798,732.23</b>	<b>\$261,087.46</b>	<b>\$228,583.94</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$831,235.75</b>	
30	Total Electric Plant in Service	<b>\$27,548,750.50</b>	<b>\$9,390,227.99</b>	<b>\$585,226.38</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$36,353,752.11</b>	
31		<b>TOTAL COST OF PLANT.....</b>						<b>\$36,353,752.11</b>
32								
33		Less Cost of Land, Land Rights, and Rights of Way						<b>\$209,021.53</b>
34		Total Cost upon which depreciation is based						<b>\$36,144,730.58</b>

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.

	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
<b>DISTRIBUTION PLANT</b>						
365 Land and Land Rights	\$218,905.36	\$0.00	\$0.00	\$0.00	\$0.00	\$218,905.36
366 Structures and Improvements	\$1,829,038.38	\$2,098,978.74	\$0.00	\$0.00	\$0.00	\$3,928,017.12
367 Mains	\$13,349,044.41	\$865,939.10	\$5,672.80	\$0.00	\$0.00	\$14,209,310.71
369 Measuring and Regulating Equip.	\$141,457.79	\$16,382.66	\$0.00	\$0.00	\$0.00	\$157,840.45
380 Services	\$4,962,816.57	\$515,183.88	\$25,832.14	\$0.00	\$0.00	\$5,452,168.31
381 Meters	\$1,055,384.12	\$116,147.95	\$16,720.28	\$0.00	\$0.00	\$1,154,811.79
382 Meter Installation	\$625,552.75	\$219,581.34	\$32,706.87	\$0.00	\$0.00	\$812,427.22
<b>Total Distribution Plant</b>	<b>\$22,182,199.38</b>	<b>\$3,832,213.67</b>	<b>\$80,932.09</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$25,933,480.96</b>
<b>GENERAL PLANT</b>						
389 Land and Land Rights	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00
390 Structures and Improvements	\$108,397.25	\$0.00	\$108,397.25	\$0.00	\$0.00	\$0.00
391 Office Furniture and Equipment	\$77,599.86	\$47,359.65	\$3,895.03	\$0.00	\$0.00	\$121,064.48
392 Transportation Equipment	\$215,588.24	\$17,247.10	\$0.00	\$0.00	\$0.00	\$232,835.34
393 Stores Equipment	\$6,482.48	\$3,848.46	\$2,405.85	\$0.00	\$0.00	\$7,925.09
394 Tools, Shop and Garage Equipme	\$176,636.47	\$23,029.54	\$0.00	\$0.00	\$0.00	\$199,666.01
395 Laboratory Equipment	\$36,550.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36,550.00
396 Power Operated Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
397 Communication Equipment	\$19,581.05	\$5,764.99	\$950.00	\$0.00	\$0.00	\$24,396.04
398 Miscellaneous Equipment	\$57,818.49	\$4,453.24	\$4,320.00	\$0.00	\$0.00	\$57,951.73
399 Other Tangible Property	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total General Plant</b>	<b>\$699,153.84</b>	<b>\$101,702.98</b>	<b>\$119,968.13</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$680,888.69</b>
<b>Total Gas Plant in Service</b>	<b>\$22,881,353.22</b>	<b>\$3,933,916.65</b>	<b>\$200,900.22</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$26,614,369.65</b>
					Less: Land.....	\$219,405.36
					Total Cost for Depreciation.....	\$26,394,964.29

**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.....	\$3,633,730.99	\$12,516,098.01	\$8,882,367.02
3	101 Utility Plant- Gas	\$14,204,545.87	\$17,168,533.86	\$2,963,987.99
4	123 Investment in Associated Companies.....			
5	<b>Total Utility Plant.....</b>	<b>\$17,838,276.86</b>	<b>\$29,684,631.87</b>	<b>\$11,846,355.01</b>
6				
7				
8				
9				
10				
11	<b>FUND ACCOUNTS</b>			
12	125 Sinking Funds.....	\$333,265.13	\$333,909.56	\$644.43
13	126 Depreciation Fund (P. 14).....	\$1,684,616.58	\$1,684,618.00	\$1.42
14	128 Other Special Funds.....	\$984,146.00	\$0.00	(\$984,146.00)
15	<b>Total Funds.....</b>	<b>\$3,002,027.71</b>	<b>\$2,018,527.56</b>	<b>(\$983,500.15)</b>
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14).....	(\$4,206,103.86)	(\$6,361,211.11)	(\$2,155,107.25)
18	132 Special Deposits.....	\$1,043,656.22	\$1,081,581.22	\$37,925.00
19	132 Working Funds.....	\$700.00	\$700.00	\$0.00
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	\$4,446,744.40	\$4,667,730.44	\$220,986.04
22	143 Other Accounts Receivable.....	\$2,812,050.23	\$291,431.54	(\$2,520,618.69)
23	146 Receivables from Municipality.....	\$237,032.37	\$243,014.64	\$5,982.27
24	151 Materials and Supplies (P. 14).....	\$999,820.70	\$869,550.65	(\$130,270.05)
25				
26	165 Prepayments.....	\$4,194,514.84	\$4,815,971.91	\$621,457.07
27	174 Miscellaneous Current Assets			
28	<b>Total Current and Accrued Assets...</b>	<b>\$9,528,414.90</b>	<b>\$5,608,769.29</b>	<b>(\$3,919,645.61)</b>
29	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount.....	\$0.00	\$0.00	\$0.00
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....	\$0.00	\$0.00	\$0.00
33	<b>Total Deferred Debits.....</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
34				
35	<b>Total Assets and Other Debits.....</b>	<b>\$30,368,719.47</b>	<b>\$37,311,928.72</b>	<b>\$6,943,209.25</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.....	\$333,265.13	\$333,909.56	\$644.43
5	206 Loans Repayment.....	\$1,813,300.00	\$1,813,300.00	\$0.00
6	207 Appropriations for Construction Repayment..	\$51,632.86	\$51,632.86	\$0.00
7	208 Unappropriated Earned Surplus (P. 12).....	\$22,912,988.25	\$21,846,759.59	(\$1,066,228.66)
8	<b>Total Surplus.....</b>	<b>\$25,111,186.24</b>	<b>\$24,045,602.01</b>	<b>(\$1,065,584.23)</b>
9	<b>LONG TERM DEBT</b>			
10	221 Bonds (P. 6).....	\$0.00	\$0.00	\$0.00
11	231 Notes Payable (P 7).....		\$7,700,000.00	\$7,700,000.00
12	<b>Total Bonds and Notes.....</b>	<b>\$0.00</b>	<b>\$7,700,000.00</b>	<b>\$7,700,000.00</b>
13	<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232 Accounts Payable.....	\$164,336.81	\$345,534.32	\$181,197.51
15	234 Payables to Municipality.....			
16	235 Customer Deposits.....	\$1,043,656.22	\$1,081,581.22	\$37,925.00
17	236 Taxes Accrued.....			
18	237 Interest Accrued.....	\$0.00	\$0.00	\$0.00
19	242 Miscellaneous Current and Accrued Liabilities	\$1,854,609.71	\$636,256.30	(\$1,218,353.41)
20	<b>Total Current and Accrued Liabilities...</b>	<b>\$3,062,602.74</b>	<b>\$2,063,371.84</b>	<b>(\$999,230.90)</b>
21	<b>DEFERRED CREDITS</b>			
22	251 Unamortized Premium on Debt.....	\$0.00	\$0.00	\$0.00
23	252 Customer Advance for Construction.....	\$434,836.37	\$0.00	(\$434,836.37)
24	253 Other Deferred Credits.....	\$0.00	\$0.00	\$0.00
25	<b>Total Deferred Credits</b>	<b>\$434,836.37</b>	<b>\$0.00</b>	<b>(\$434,836.37)</b>
26	<b>RESERVES</b>			
27	260 Reserves for Uncollectable Accounts.....	\$556,200.12	\$556,200.12	\$0.00
28	261 Property Insurance Reserve.....			
29	262 Injuries and Damages Reserves.....			
30	263 Pensions and Benefits.....			
31	265 Miscellaneous Operating Reserves.....			
32	<b>Total Reserves.....</b>	<b>\$556,200.12</b>	<b>\$556,200.12</b>	<b>\$0.00</b>
33	<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271 Contributions in Aid of Construction.....	\$1,203,894.00	\$2,946,754.75	\$1,742,860.75
35	<b>Total Liabilities and Other Credits</b>	<b>\$30,368,719.47</b>	<b>\$37,311,928.72</b>	<b>\$6,943,209.25</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.

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## 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) .....	\$36,584,302.02	\$1,901,967.53
3	<b>Operating Expenses:</b>		
4	401 Operation Expense (P.42).....	\$32,367,894.99	\$5,709,495.57
5	402 Maintenance Expense (P. 42).....	\$1,539,537.87	(\$1,964.20)
6	403 Depreciation Expense .....	\$2,475,678.79	\$335,171.73
7	407 Amortization of Property Losses.....		
8			
9	408 Taxes (P. 48).....	\$546,131.55	\$10,782.90
10	<b>Total Operating Expenses.....</b>	<b>\$36,929,243.20</b>	<b>\$6,053,486.00</b>
11	Operating Income.....	(\$344,941.18)	(\$4,151,518.47)
12	414 Other Utility Operating Income (P.50).....	\$0.00	\$0.00
13			
14	<b>Total Operating Income.....</b>	<b>(\$344,941.18)</b>	<b>(\$4,151,518.47)</b>
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	\$239,990.98	(\$545,601.00)
17	419 Interest Income.....	\$24,282.21	(\$17,103.40)
18	421 Miscellaneous Income.....		
19	<b>Total Other Income.....</b>	<b>\$264,273.19</b>	<b>(\$562,704.40)</b>
20	<b>Total Income.....</b>	<b>(\$80,667.99)</b>	<b>(\$4,714,222.87)</b>
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization.....		
23	426 Other Income Deductions.....		
24	<b>Total Income Deductions.....</b>	<b>\$0.00</b>	<b>\$0.00</b>
25	<b>Income before Interest Charges.....</b>	<b>(\$80,667.99)</b>	<b>(\$4,714,222.87)</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.....	\$96,519.87	\$94,685.39
31	432 Interest Charged to Construction-Credit.....		
32	<b>Total Interest Charges</b>	<b>\$96,519.87</b>	<b>\$94,685.39</b>
33	<b>Net Income.....</b>	<b>(\$177,187.86)</b>	<b>(\$4,808,908.26)</b>

## EARNED SURPLUS

Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		\$22,912,988.25
35			
36			
37	433 Balance transferred from Income.....		(\$177,187.86)
38	434 Miscellaneous Credits to Surplus.....		\$305,279.63
39	435 Miscellaneous Debits to Surplus.....	\$814,670.98	
40	436 Appropriations of Surplus (P.21).....	\$644.43	
41	437 Surplus Applied to Depreciation.....	\$379,005.02	
42	208 Unappropriated Earned Surplus (at end of period).....	\$21,846,759.59	
43			
44	<b>TOTALS</b>	<b>\$23,041,080.02</b>	<b>\$23,041,080.02</b>

## STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Electric		Gas	
		Current Year	Increase or (Decrease) from Preceding Year	Current Year	Increase or (Decrease) from Preceding Year
1	<b>OPERATING INCOME</b>				
2	400 Operating Revenue (P. 37 and P. 43) .....	\$27,373,709.94	\$755,785.99	\$9,210,592.08	\$1,146,181.54
3	<b>Operating Expenses:</b>				
4	401 Operation Expense (P.42).....	\$23,765,514.02	\$3,209,656.36	\$8,602,380.97	\$2,499,839.21
5	402 Maintenance Expense (P. 42).....	\$1,095,636.82	(\$92,298.86)	\$443,901.05	\$90,334.66
6	403 Depreciation Expense .....	\$1,518,647.27	\$218,817.35	\$957,031.52	\$116,354.38
7	407 Amortization of Property Losses.....				
8					
9	408 Taxes (P. 48).....	\$504,804.83	\$5,011.55	\$41,326.72	\$5,771.35
10	<b>Total Operating Expenses.....</b>	<b>\$26,884,602.94</b>	<b>\$3,341,186.40</b>	<b>\$10,044,640.26</b>	<b>\$2,712,299.60</b>
11	Operating Income.....	\$489,107.00	(\$2,585,400.41)	(\$834,048.18)	(\$1,566,118.06)
12	414 Other Utility Operating Income (P.50).....				
13					
14	<b>Total Operating Income.....</b>	<b>\$489,107.00</b>	<b>(\$2,585,400.41)</b>	<b>(\$834,048.18)</b>	<b>(\$1,566,118.06)</b>
15	<b>OTHER INCOME</b>				
16	415 Inc. from Merch., Jobbing, and Contract Work (P. 51)	\$200,208.45	(\$480,623.43)	\$39,782.53	(\$64,977.57)
17	419 Interest Income.....	\$23,091.88	(\$17,002.93)	\$1,190.33	(\$100.47)
18	421 Miscellaneous Income.....				
19	<b>Total Other Income.....</b>	<b>\$223,300.33</b>	<b>(\$497,626.36)</b>	<b>\$40,972.86</b>	<b>(\$65,078.04)</b>
20	<b>Total Income.....</b>	<b>\$712,407.33</b>	<b>(\$3,083,026.77)</b>	<b>(\$793,075.32)</b>	<b>(\$1,631,196.10)</b>
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				
22	425 Miscellaneous Amortization.....				
23	426 Other Income Deductions.....				
24	<b>Total Income Deductions.....</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
25	<b>Income before Interest Charges.....</b>	<b>\$712,407.33</b>	<b>(\$3,083,026.77)</b>	<b>(\$793,075.32)</b>	<b>(\$1,631,196.10)</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.....	\$72,647.48	\$71,269.14	\$23,872.39	\$23,416.25
31	432 Interest Charged to Construction-Credit.....				
32	<b>Total Interest Charges</b>	<b>\$72,647.48</b>	<b>\$71,269.14</b>	<b>\$23,872.39</b>	<b>\$23,416.25</b>
33	<b>Net Income.....</b>	<b>\$639,759.85</b>	<b>(\$3,154,295.91)</b>	<b>(\$816,947.71)</b>	<b>(\$1,654,612.35)</b>

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

Line No.	Items (a)	Amount (b)
1	Operation Fund.....	(\$6,361,211.11)
2	Interest Fund.....	
3	Bond Fund.....	
4	Construction Fund.....	\$0.00
5		
6		
7		
8		
9		
10		
11		
12	<b>TOTAL</b>	<b>(\$6,361,211.11)</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).....		
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	\$537,196.77	\$332,353.88
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	<b>Total per Balance Sheet</b>	<b>\$537,196.77</b>	<b>\$332,353.88</b>

**Depreciation Fund Account (Account 126)**

Line No.	(a)	Amount (b)
24	<b>DEBITS</b>	
25	Balance of Account at Beginning of Year.....	\$1,684,616.58
26	Income During Year from Balance on Deposit.....	\$1.42
27	Amount Transferred from Income.....	\$2,273,464.36
28	<b>TOTAL</b>	<b>\$3,958,082.36</b>
29		
30	<b>CREDITS</b>	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	\$2,273,464.36
32	Amounts Expended for Renewals.....	
33	Adjustment	\$0.00
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	\$1,684,618.00
40	<b>TOTAL</b>	<b>\$3,958,082.36</b>



**UTILITY PLANT -- ELECTRIC**

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

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>1. INTANGIBLE PLANT</b>	NOT APPLICABLE					
2							
3							
4							
5	<b>2. PRODUCTION PLANT</b>						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
14	<b>Total Steam Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	<b>Total Nuclear Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23							



## 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.....	\$208,521.53	\$0.00	\$0.00	\$0.00		\$208,521.53
3	361 Structures and Improvements.....	\$80,979.28	\$6,135,686.77	\$171,260.44	\$0.00		\$6,045,405.61
4	362 Station Equipment.....	\$330,578.09	\$344,470.85	\$13,592.77	\$0.00		\$661,456.17
5	363 Storage Battery Equipment.....	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
6	364 Poles and Fixtures.....	\$167,245.33	\$260,702.42	\$79,340.03	\$6,847.47		\$341,760.25
7	365 Overhead Conductors and Devices...	\$1,189,670.44	\$267,750.64	\$512,777.61	\$2,247.13		\$942,396.34
8	366 Underground Conduits.....	\$199,478.07	\$630,700.55	\$103,317.60	\$0.00		\$726,861.02
9	367 Underground Conductors and Devices	\$405,804.11	\$979,520.76	\$289,414.42	\$0.00		\$1,095,910.45
10	368 Line Transformers.....	\$307,923.59	\$262,571.61	\$147,840.67	\$3,807.88		\$418,846.65
11	369 Services.....	\$55,256.16	\$48,806.97	\$33,204.32	\$1,994.69		\$68,864.12
12	370 Meters.....	\$109,782.86	\$41,568.00	\$49,802.81	\$508.51		\$101,039.54
13	371 Installation on Cust's Premises....	\$79,237.86	\$2,933.81	\$7,693.16	\$0.00		\$74,478.51
14	372 Leased Prop. on Cust's Premises....	\$0.00	\$0.00	\$28,687.97	\$0.00		(\$28,687.97)
15	373 Street Light and Signal Systems.....	\$94,351.90	\$154,428.15	\$0.00	\$4,972.16		\$243,807.89
16	<b>Total Distribution Plant</b>	<b>\$3,228,829.22</b>	<b>\$9,129,140.53</b>	<b>\$1,436,931.80</b>	<b>\$20,377.84</b>	<b>\$0.00</b>	<b>\$10,900,660.11</b>
17	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights.....	\$500.00	\$0.00	\$0.00	\$0.00		\$500.00
19	390 Structures and Improvements.....	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
20	391 Office Furniture and Equipment.....	\$152,534.19	\$142,078.96	\$45,948.90	\$0.00		\$248,664.25
21	392 Transportation Equipment.....	\$68,005.81	\$53,550.00	\$28,067.31	\$0.00		\$93,488.50
22	393 Stores Equipment.....	\$1,796.93	\$11,545.41	\$0.00	\$0.00		\$13,342.34
23	394 Tools, Shop and Garage Equipment...	\$62,796.78	\$13,487.53	\$0.00	\$0.00		\$76,284.31
24	395 Laboratory Equipment.....	\$74.90	\$0.00	\$0.00	\$0.00		\$74.90
25	396 Power Operated Equipment.....	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
26	397 Communication Equipment.....	\$60,084.34	\$24,500.76	\$3,720.77	\$0.00		\$80,864.33
27	398 Miscellaneous Equipment.....	\$59,108.82	\$15,924.80	\$3,978.49	\$0.00		\$71,055.13
28	399 Other Tangible Property.....	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
29	<b>Total General Plant</b>	<b>\$404,901.77</b>	<b>\$261,087.46</b>	<b>\$81,715.47</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$584,273.76</b>
30	<b>Total Electric Plant in Service</b>	<b>\$3,633,730.99</b>	<b>\$9,390,227.99</b>	<b>\$1,518,647.27</b>	<b>\$20,377.84</b>	<b>\$0.00</b>	<b>\$11,484,933.87</b>
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....		\$1,031,164.14				\$1,031,164.14
34	108 Accumulated Depreciation						
	<b>Total Utility Electric Plant</b>	<b>\$3,633,730.99</b>	<b>\$10,421,392.13</b>	<b>\$1,518,647.27</b>	<b>\$20,377.84</b>	<b>\$0.00</b>	<b>\$12,516,098.01</b>

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

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

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of year	NOT APPLICABLE				
2	Received During Year					
3	<b>TOTAL</b>					
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	<b>TOTAL DISPOSED OF</b>					
13	<b>BALANCE END OF YEAR</b>					
Line No.	Item (g)	Kinds of Fuel and Oil -- Continued				
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						

	Balance Beginning of Year	Additions	Depreciation	Other Credits	Transfers	Balance December 31
<b>DISTRIBUTION PLANT</b>						
365 Land and Land Rights	\$218,905.36	\$0.00	\$0.00	\$0.00	\$0.00	\$218,905.36
366 Structures and Improvements	\$1,062,235.05	\$2,098,978.74	\$123,715.14	\$0.00	\$0.00	\$3,037,498.65
367 Mains	\$9,047,971.60	\$865,939.10	\$488,240.61	\$0.00	\$0.00	\$9,425,670.09
369 Measuring and Regulating Equip.	\$115,584.55	\$16,382.66	\$5,658.31	\$0.00	\$0.00	\$126,308.90
380 Services	\$2,557,317.10	\$515,183.88	\$198,512.66	\$7,609.42	\$0.00	\$2,866,378.90
381 Meters	\$404,411.61	\$116,147.95	\$42,215.36	\$5,287.72	\$0.00	\$473,056.48
382 Meter Installation	\$436,597.65	\$219,581.34	\$25,022.11	\$0.00	\$0.00	\$631,156.88
Total Distribution Plant	\$13,843,022.92	\$3,832,213.67	\$883,364.19	\$12,897.14	\$0.00	\$16,778,975.26
<b>GENERAL PLANT</b>						
389 Land and Land Rights	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00
390 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
391 Office Furniture and Equipment	\$50,513.95	\$47,359.65	\$15,696.31	\$0.00	\$0.00	\$82,177.29
392 Transportation Equipment	\$154,801.19	\$17,247.10	\$43,117.65	\$0.00	\$0.00	\$128,930.64
393 Stores Equipment	\$1,346.44	\$3,848.46	\$324.13	\$0.00	\$0.00	\$4,870.77
394 Tools, Shop and Garage Equipment	\$86,232.09	\$23,029.54	\$8,831.81	\$0.00	\$0.00	\$100,429.82
395 Laboratory Equipment	\$18,867.50	\$0.00	\$1,827.50	\$0.00	\$0.00	\$17,040.00
396 Power Operated Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
397 Communication Equipment	\$15,126.53	\$5,764.99	\$979.04	\$0.00	\$0.00	\$19,912.48
398 Miscellaneous Equipment	\$34,135.25	\$4,453.24	\$2,890.89	\$0.00	\$0.00	\$35,697.60
399 Other Tangible Property	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total General Plant	\$361,522.95	\$101,702.98	\$73,667.33	\$0.00	\$0.00	\$389,558.60
Total Gas Plant in Service	\$14,204,545.87	\$3,933,916.65	\$957,031.52	\$12,897.14	\$0.00	\$17,168,533.86
104 Utility Plant leased to Others	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
105 Property Held for Future Use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
107 Construction Work in Progress	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Utility Plant - Gas	\$14,204,545.87	\$3,933,916.65	\$957,031.52	\$12,897.14	\$0.00	\$17,168,533.86

Annual Report of Town of Wakefield Municipal Gas &amp; Light Department

Year ended December 31, 2013

**MISCELLANEOUS NON-OPERATING INCOME (Account 421)**

Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	

**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	Refunds	\$285,530.00
17	Sale of Scrap	\$19,749.63
18		
19		
20		
21		
22		
23	TOTAL	\$305,279.63

**MISCELLANEOUS DEBITS TO SURPLUS (Account 435)**

Line No.	Item (a)	Amount (b)
24		
25	Cash Payments to Town	\$814,670.98
26		
27		
28		
29		
30		
31		
32	TOTAL	\$814,670.98

**APPROPRIATIONS OF SURPLUS (Account 436)**

Line No.	Item (a)	Amount (b)
33	Surplus Applied to Sinking Fund	\$644.43
34		
35		
36		
37		
38		
39		
40	TOTAL	\$644.43

**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	Municipal Gas	22,853	\$378,610.89	1656.7229	
4		<b>TOTALS</b>	<b>22,853</b>	<b>\$378,610.89</b>	<b>1656.7229</b>	
Line No.		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [\$0.0000] (d)	
5		Lighting	870,394	\$130,356.25	0.1498	
6	444	Power	6,369,094	\$885,144.47	0.1390	
7						
8		TOTAL	7,239,488	\$1,015,500.72	0.1403	
9		Street Lighting	1,463,250	\$225,000.00	0.1538	
10						
11		TOTAL	1,463,250	\$225,000.00	0.1538	
12						
13						
14						
15						
16						
17						
18						
19		<b>TOTALS</b>	<b>8,702,738</b>	<b>\$1,240,500.72</b>	<b>0.1425</b>	
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	Substation 115KV	200,478,940	\$15,630,528.37	0.0780
21		NSTAR	Substation 115KV	1,949	\$838.60	0.4303
22		Reading Municipal	Consumer Premises	536,256	\$67,643.01	0.1261
23		National Grid				
24						
25						
26						
27						
28						
29						
30						
31		<b>TOTALS</b>		<b>201,017,145</b>	<b>\$15,699,009.98</b>	<b>0.0781</b>
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)
32		Peabody Municipal Electric Department	Consumer Premises	549,074	\$66,548.00	0.1212
33						
34						
35						
36						
37						
38						
39		<b>TOTALS</b>		<b>549,074</b>	<b>\$66,548.00</b>	<b>0.0000</b>





Annual Report of Town of Wakefield Municipal Gas &amp; Light Department

Year ended December 31, 2013

**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 Sales	81,450,833	\$11,533,475.35	0.1416	10,521	10,566	
2	442	Commercial Sales	15,750,489	\$2,427,465.26	0.1541	1,531	1,530	
3	442-1	Power Sales	81,739,954	\$10,809,695.90	0.1322	243	244	
4	444	Public Sales and Highway Lighting	1,291,162	\$219,065.48	0.1697	0	0	
5	444	Other Sales to Public Authorities	7,109,408	\$1,024,937.20	0.1442	136	141	
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47								
48	TOTAL SALES TO ULTIMATE CONSUMERS							
49	( Page 37 Line 11 )			187,341,846	\$26,014,639.19	0.1389	12,431	12,481

**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	<b>POWER PRODUCTION EXPENSE</b>		
2	<b>STEAM POWER GENERATION</b>	NOT APPLICABLE	
3	<b>Operation:</b>		
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	<b>Total Operation</b>	<b>\$0.00</b>	<b>\$0.00</b>
13	<b>Maintenance:</b>		
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	<b>Total Maintenance</b>	<b>\$0.00</b>	<b>\$0.00</b>
20	<b>Total power production expenses -- steam power</b>	<b>\$0.00</b>	<b>\$0.00</b>
21	<b>NUCLEAR POWER GENERATION</b>		
22	<b>Operation:</b>		
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	<b>Total Operation</b>	<b>\$0.00</b>	<b>\$0.00</b>
33	<b>Maintenance:</b>		
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	<b>Total Maintenance</b>	<b>\$0.00</b>	<b>\$0.00</b>
40	<b>Total power production expenses -- nuclear power</b>	<b>\$0.00</b>	<b>\$0.00</b>
41	<b>HYDRAULIC POWER GENERATION</b>		
42	<b>Operation:</b>		
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	<b>Total Operation</b>	<b>\$0.00</b>	<b>\$0.00</b>

(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	<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>	<b>\$0.00</b>	<b>\$0.00</b>
9	<b>Total Power Production Expenses - Hydraulic Power</b>	<b>\$0.00</b>	<b>\$0.00</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>	<b>\$0.00</b>	<b>\$0.00</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 Misc Other Power Generation Plant		
23	<b>Total Maintenance</b>	<b>\$0.00</b>	<b>\$0.00</b>
24	<b>Total Power Production Expenses - Other Power</b>	<b>\$0.00</b>	<b>\$0.00</b>
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased Power.....	\$19,103,442.14	\$2,868,941.31
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....		
29	<b>Total Other Power Supply Expenses</b>	<b>\$19,103,442.14</b>	<b>\$2,868,941.31</b>
30	<b>Total Power Production Expenses</b>	<b>\$19,103,442.14</b>	<b>\$2,868,941.31</b>
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>	<b>\$0.00</b>	<b>\$0.00</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>	<b>\$0.00</b>	<b>\$0.00</b>
50	<b>Total Transmission Expenses</b>	<b>\$0.00</b>	<b>\$0.00</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.....	\$283,812.32	(\$30,819.57)
5	582 Station Expenses.....	\$296,575.31	\$75,780.13
6	583 Overhead Line Expenses.....	\$304,820.82	(\$20,847.31)
7	584 Underground Line Expenses.....	\$13,911.79	(\$11,925.06)
8	585 Street Lighting and Signal System Expenses.....	\$58,335.45	(\$37,261.96)
9	586 Meter Expenses.....	\$7,220.46	\$819.25
10	587 Customer Installations Expenses.....	\$6,904.93	\$1,206.81
11	588 Miscellaneous Distribution Expenses.....	\$72,277.88	(\$38,040.49)
12	589 Rents.....		
13	<b>Total Operation</b>	<b>\$1,043,858.96</b>	<b>(\$61,088.20)</b>
14	<b>Maintenance:</b>		
15	590 Maintenance supervision and engineering.....		
16	591 Maintenance of Structures.....	\$594.76	\$560.01
17	592 Maintenance of Station Equipment.....	\$3,206.40	(\$1,323.58)
18	593 Maintenance of Overhead Lines.....	\$820,990.78	(\$79,793.21)
19	594 Maintenance of Underground Lines.....	\$61,376.35	(\$50,074.12)
20	595 Maintenance of Line Transformers.....	\$8,413.71	(\$6,202.02)
21	596 Maintenance of Street Lighting and Signal Systems....	\$0.00	\$0.00
22	597 Maintenance of Meters.....	\$0.00	\$0.00
23	598 Maintenance of Miscellaneous Distribution Plant.....	\$0.00	\$0.00
24	<b>Total Maintenance</b>	<b>\$894,582.00</b>	<b>(\$136,832.92)</b>
25	<b>Total Distribution Expenses</b>	<b>\$1,938,440.96</b>	<b>(\$197,921.12)</b>
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	<b>Operation:</b>		
28	901 Supervision.....		
29	902 Meter Reading Expenses.....	\$55,490.16	\$2,991.92
30	903 Customer Records and Collection Expenses.....	\$340,844.15	\$36,605.14
31	904 Uncollectable Accounts.....	\$60,511.26	\$50,957.81
32	905 Miscellaneous Customer Accounts Expenses.....		
33	<b>Total Customer Accounts Expenses</b>	<b>\$456,845.57</b>	<b>\$90,554.87</b>
34	<b>SALES EXPENSES</b>		
35	<b>Operation:</b>		
36	911 Supervision.....		
37	912 Demonstrating and Selling Expenses.....		
38	913 Advertising Expenses.....	\$47,232.70	\$2,366.97
39	916 Miscellaneous Sales Expense.....		
40	<b>Total Sales Expenses</b>	<b>\$47,232.70</b>	<b>\$2,366.97</b>
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	<b>Operation:</b>		
43	920 Administrative and General Salaries.....	\$599,843.99	\$3,837.48
44	921 Office Supplies and Expenses.....	\$306,794.71	\$21,064.62
45	922 Administrative Expenses Transferred - Cr.....	\$0.00	\$0.00
46	923 Outside Services Employed.....	\$389,312.09	\$243,837.11
47	924 Property Insurance.....	\$24,068.99	\$14,054.99
48	925 Injuries and Damages.....	\$201,706.83	\$107,678.54
49	926 Employees Pensions and Benefits.....	\$1,420,668.21	\$61,813.18
50	928 Regulatory Commission Expenses.....	\$0.00	\$0.00
51	929 Duplicate Charges - Cr.....	\$0.00	\$0.00
52	930 Miscellaneous General Expenses.....	\$171,739.83	(\$143,404.51)
53	931 Rents.....		
54	<b>Total Operation</b>	<b>\$3,114,134.65</b>	<b>\$308,881.41</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	<b>Maintenance:</b>		
3	932 Maintenance of General Plant.....	201,054.82	\$44,534.06
4	933 Transportation expense.....		
5	<b>Total Maintenance</b>	<b>201,054.82</b>	<b>44,534.06</b>
6	<b>Total Administrative and General Expenses</b>	<b>3,315,189.47</b>	<b>353,415.47</b>
7	<b>Total Electric Operation and Maintenance Expenses</b>	<b>24,861,150.84</b>	<b>3,117,357.50</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.....			
14	Other Power Supply Expenses.....	\$19,103,442.14		\$19,103,442.14
15	<b>Total Power Production Expenses</b>	<b>\$19,103,442.14</b>	<b>\$0.00</b>	<b>\$19,103,442.14</b>
16	Transmission Expenses.....			
17	Distribution Expenses.....	\$1,043,858.96	\$894,582.00	\$1,938,440.96
18	Customer Accounts Expenses.....	\$456,845.57		\$456,845.57
19	Sales Expenses.....	\$47,232.70		\$47,232.70
20	Administrative and General Expenses.....	\$3,114,134.65	\$201,054.82	\$3,315,189.47
21	Power Production Expenses			
22	<b>Total Electric Operation and Maintenance Expenses</b>	<b>\$23,765,514.02</b>	<b>\$1,095,636.82</b>	<b>\$24,861,150.84</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 22 (d), Depreciation (Acct 403) and Amortization (Acct 407).....	<b>96.37%</b>
24	Total salaries and wages of electric department for year, including amounts charged to oper- ating expenses, construction and other accounts.....	<b>\$2,670,182.73</b>
25	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)	<b>25</b>

Account	Operating Revenues		MCF Sold (1,000 BTU)		Average Number of Customers per Month	
	Amount for Year	Increase or (Decrease) from Preceding Year	Amount for Year	Increase or (Decrease) from Preceding Year	Number for Year	Increase or (Decrease) from Preceding Year
<b>SALES OF GAS</b>						
480 Residential Sales	6,477,379.43	814,918.80	373,621.2	56,674.5	5788	102
481 Commercial and Industrial Sales:						
Small (or Commercial)	2,078,116.26	137,316.11	122,925.5	8,905.6	644	-6
Large (or Industrial)	-	-	-	-	-	-
482 Municipal Sales (P. 22)	544,230.27	165,619.38	28,961.0	6,108.4	45	-1
483 Other Sales	-	-	-	-	-	-
485 Miscellaneous Gas Sales	-	-	-	-	-	-
<b>Total Sales to Ultimate Consumers</b>	<b>9,099,725.96</b>	<b>1,117,854.29</b>	<b>525,507.7</b>	<b>71,688.5</b>	<b>6,477</b>	<b>95</b>
483 Sales for Resale	-	-	-	-	-	-
<b>Total Sales to Gas*</b>	<b>9,099,725.96</b>	<b>1,117,854.29</b>	<b>525,507.7</b>	<b>71,688.5</b>	<b>6,477</b>	<b>95</b>
<b>OTHER OPERATING REVENUES</b>						
487 Forfeited Discounts	37,867.07	6,139.75				
488 Miscellaneous Service Revenues	-	-				
489 Revenues from Trans. Of Gas of Others	-	-				
490 Sales of Products Extracted from Natural Gas	-	-				
491 Rev. from Natural Gas Processed by Others	-	-				
493 Rent from Gas Property	-	-				
494 Interdepartmental Rents	-	-				
495 Other Gas Revenues	72,999.05	22,187.50				
<b>Total Other Operating Revenues</b>	<b>110,866.12</b>	<b>28,327.25</b>				
<b>Total Gas Operating Revenues</b>	<b>9,210,592.08</b>	<b>1,146,181.54</b>				
					* Includes revenues from application of fuel clauses	\$5,521,223.81
					Total M.C.F. to which applied	525,507.7

	MCF	Revenue	Average Revenue per M.C.F.	Number of Customers (Per Bills Rendered)	
				31-Jul	31-Dec
2013					
G 480 Residence Gas	32,111.8	\$680,717.82	21.1984	1,741	1,712
G 480-1 Gas Heating Sales	449,433.1	\$7,569,636.54	16.8426	4,562	4,675
G 481 Commercial and Industrial Sales	15,001.8	\$305,141.34	20.3403	123	124
G 482 Sales to Public Authorities	<u>28,961.0</u>	<u>\$544,230.27</u>	18.7918	45	45
Total Sales to Ultimate Consumers	<u><u>525,507.7</u></u>	<u><u>\$9,099,725.97</u></u>	17.3161	<u><u>6,471</u></u>	<u><u>6,556</u></u>

	Amount for Year	Increase/ Decrease
<b>OTHER GAS SUPPLY EXPENSES</b>		
Operation:		
804 Natural gas city gate purchases	\$5,982,557.50	\$1,570,098.39
Total other gas supply expenses	\$5,982,557.50	\$1,570,098.39
Total production expenses	\$5,982,557.50	\$1,570,098.39
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>		
Operation:		
850 Operation supervision and engineering	\$299,809.83	\$5,982.82
851 System control and load dispatching	\$0.00	\$0.00
852 Communication system expenses	\$0.00	\$0.00
853 Compressor station labor and expenses	\$173,058.58	\$69,286.43
855 Fuel and power for compressor stations	\$0.00	\$0.00
857 Measuring and regulating station expenses	\$0.00	\$0.00
858 Transmission and compression of gas by others	\$0.00	\$0.00
874 Mains and services expenses	\$62,622.72	(\$1,835.10)
878 Meter and house regulator expenses	\$3,207.34	\$1,277.61
879 Customer installations expenses	\$165,015.06	(\$24,196.56)
880 Other expenses	\$63,454.03	\$14,010.98
881 Rents	\$0.00	\$0.00
Total operation	\$767,167.56	\$64,526.18
Maintenance:		
885 Maintenance supervision and engineering	\$0.00	\$0.00
886 Maintenance of structures and improvements	\$0.00	\$0.00
887 Maintenance of mains	\$316,317.13	\$32,368.55
888 Maintenance of compressor station	\$0.00	\$0.00
889 Maintenance of measuring and regulating station equipment	\$0.00	\$0.00
892 Maintenance of services	\$0.00	\$0.00
893 Maintenance of meters and house regulators	\$35,901.83	\$24,146.95
894 Maintenance of other equipment	\$6,327.77	\$990.95
Total maintenance	\$358,546.73	\$57,506.45
Total transmission and distribution	\$1,125,714.29	\$122,032.63
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Operation:		
901 Supervision	\$0.00	\$0.00
902 Meter reading expenses	\$18,575.62	\$1,020.19
903 Customer records and collection expenses	\$113,683.52	\$12,064.54
904 Uncollectable accounts	\$37,217.37	\$17,118.34
905 Miscellaneous customer accounts expenses	\$0.00	\$0.00
Total customer accounts expenses	\$169,476.51	\$30,203.07



	Amount for Year	Increase/ Decrease
<b>SALES EXPENSES</b>		
Operation:		
911 Supervision	\$0.00	\$0.00
912 Demonstrating and selling expenses	\$0.00	\$0.00
913 Advertising expenses	\$22,349.94	\$6,485.94
916 Miscellaneous sales expenses	\$0.00	\$0.00
Total sales expenses	\$22,349.94	\$6,485.94
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
Operation:		
920 Administrative and general salaries	\$199,947.91	\$1,508.78
921 Office supplies and expenses	\$100,941.67	\$6,373.34
922 Administrative expenses transferred -Cr.	\$0.00	\$0.00
923 Outside services employed	\$796,164.52	\$705,716.89
924 Property insurance	\$8,022.99	\$4,684.97
925 Injuries and damages	\$38,760.59	\$17,680.89
926 Employees pensions and benefits	\$405,985.58	\$8,349.02
928 Regulatory commission expenses	\$0.00	\$0.00
929 Duplicate charges-Cr.	\$0.00	\$0.00
930 Miscellaneous general expenses	\$111,006.20	\$84,211.74
931 Rents	\$0.00	\$0.00
Total administrative and general expenses	\$1,660,829.46	\$828,525.63
Maintenance:		
932 Maintenance of general plant	\$85,354.32	\$32,828.21
Total administrative and general expenses	\$1,746,183.78	\$861,353.84
Total gas operation and maintenance expenses	\$9,046,282.02	\$2,590,173.87

**SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSES**

	Operation	Maintenance	Total
Other gas supply expenses	\$5,982,557.50	-	\$5,982,557.50
Total Production expenses	\$5,982,557.50	-	\$5,982,557.50
Local storage expenses	-	-	-
Transmission and distribution expenses	\$767,167.56	\$358,546.73	\$1,125,714.29
Customer accounts expenses	\$169,476.51	-	\$169,476.51
Sales expenses	\$22,349.94	-	\$22,349.94
Administrative and general expenses	\$1,660,829.46	\$85,354.32	\$1,746,183.78
Total gas operation and maintenance expenses	\$8,602,380.97	\$443,901.05	\$9,046,282.02

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 47, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407) 108.61%

Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts \$15,252,818.51

Total number of employees of gas department at end of year including administrative, operating, maintenance and other employees (including part time employees) 15

## PURCHASED GAS

Names of Companies from Which Gas Is Purchased	Where Received and Where and How Measured	M.C.F. (1,000 BTU)	Rate per M.C.F. 0.0000	Amount
Sprague National Grid	480 North Avenue, Meter house in rear of Fire Station on Oak St., Green- wood, meter house on Salem St near Wakefield/Lynnfield line, and meter house on Broadway - all 4 locations metered.	<b>454,517</b> <b>15,034</b>		
	TOTALS	<b>469,551</b>	8.2185	<b>\$ 3,859,020.10</b>



**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	NONE				
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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.....	\$246,676.12	\$56,560.72		\$303,236.84
4	Contract Work.....				
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	\$246,676.12	\$56,560.72	\$0.00	\$303,236.84
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....	\$46,467.67	\$16,778.19		\$63,245.86
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	<b>TOTAL COSTS AND EXPENSES</b>	\$46,467.67	\$16,778.19	\$0.00	\$63,245.86
51	<b>Net Profit (or Loss)</b>	\$200,208.45	\$39,782.53	\$0.00	\$239,990.98



**SALES FOR RESALE (Account 447) - Continued**

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f).. The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of Kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

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

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sale may be grouped.

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per Kwh (cents) [0.0000] (p)	Line No.
			Demand Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
N/A	120V	549,074		\$66,548.00			0.1212	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								26
								27
								28
								29
								30
								31
								32
								33
	<b>TOTALS</b>	<b>549,074</b>	<b>\$0.00</b>	<b>\$66,548.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.1212</b>	<b>35</b>





**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. 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).
5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and
6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit Cents)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 MINUTES	115000 V				5,941	5,941	N/A	1
60 MINUTES	115000 V	8,424,947	68,200	40,893	164,911	274,004	0.0325	2
60 MINUTES	115000 V	148,015	196,974	24,309	7,795	229,078	1.5477	3
60 MINUTES	115000 V	4,495,978	505,631	438,706	9,122	953,459	0.2121	4
60 MINUTES	115000 V	693,314	50,171	5,685	48	55,904	0.0806	5
60 MINUTES	115000 V	5,949,427	412,897	42,947	4,616	460,460	0.0774	6
60 MINUTES	115000 V	13,617,690	1,029,891	98,676	10,564	1,139,131	0.0837	7
60 MINUTES	115000 V	16,995,762	1,099,079	139,092	1,171	1,239,342	0.0729	8
60 MINUTES	115000 V	2,364,377	158,393	19,374	163	177,930	0.0753	9
60 MINUTES	115000 V	716,707	61,746	138,260	2,991	202,997	0.2832	10
60 MINUTES	115000 V	22,233,890	1,854,041	182,583	1,532	2,038,156	0.0917	11
60 MINUTES	115000 V				2,914,421	2,914,421	N/A	12
		84,744,000		4,451,027	0	4,451,027	0.0525	13
60 MINUTES	115000 V	4,700,046		0	750,567	750,567	0.1597	14
60 MINUTES	120V	445,815		60,176		60,176	0.1350	15
60 MINUTES	120V	1,740		686		686	0.3943	16
								17
								18
								19
								20
								21
								22
								23
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								35
								36
<b>TOTALS</b>		#####	5,437,023	5,642,414	3,873,842	14,953,279	3	37

**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

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

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	Point of Interchange	Voltage at Which Interchanged	Kilowatt-hours			Amount of Settlement
					Received	Delivered	Net Difference	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	NEPEX				208,071,270	166,568,960	41,502,310	4,051,778
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				<b>TOTALS</b>	<b>208,071,270</b>	<b>166,568,960</b>	<b>41,502,310</b>	<b>4,051,778</b>

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)		Amount (k)
13	NEPEX	INTERCHANGE EXPENSE		3,795,909
14		NEPOOL EXPENSE		255,869
15				
16				
17				
18				
19				
20				
21			<b>TOTALS</b>	<b>4,051,778</b>



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

- |   |  |
|---|--|
| <p>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.)</p> <p>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.</p> <p>3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.</p> | <p>4. If peak demand for 60 minutes is not available, give that which is available, specifying period.</p> <p>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.</p> <p>6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.</p> <p>7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501 and</p> |
|---|--|

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, int. com., gas turbine)	NOT APPLICABLE		
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)			
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
20	<b>Cost per kw of installed capacity</b>			
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>			
32	Fuel: Kind			
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)			
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

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

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."

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.

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

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

**STEAM GENERATING STATIONS**

1. Report the information called for concerning gener lessor, date and term of lease, and annual rent. For any stations and equipment at end of year. generating station, other than a leased station or portion
2. Exclude from this schedule, plant, the book cost of thereof for which the respondent is not the sole owner but which is included in Account 121, Nonutility Property. which the respondent operates or shares in the operation of,
3. Designate any generating station or portion thereof furnish a succinct statement explaining the arrangement and for which the respondent is not the sole owner. If suc giving particulars as to such matters as percent ownership property is leased from another company, give name by respondent, name of co-owner, basis of sharing output,

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

Note Reference:

\* Indicates reheat boilers thusly, 1050/1000.

**STEAM GENERATING STATIONS -- Continued**

expenses or revenues, and how expenses and/or revenue 5. Designate any plant or equipment owned, not operated, are accounted for and accounts affected. Specify if lessor, and not leased to another company. If such plant or co-owner, or other party is an associated company. equipment was not operated within the past year explain 4. Designate any generating station or portion thereof whether it has been retired in the books of account or what leased to another company and give name or lessee, date disposition of the plant or equipment and its book cost are term of lease and annual rent and how determined. Specif contemplated. whether lessee is an associated company.

**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
											7
											8
											9
											10
											11
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											36
<b>TOTALS</b>											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 gene property is leased from another company give name of stations and equipment at end of year. Show associ:lessor, date and term of lease, and annual rent. For any prime movers and generators on the same line. generating station, other than a leased station, or portion
2. Exclude from this schedule, plant, the book cost cthereof, for which the respondent is not the sole owner which is included in Account 121, Nonutility Property but which the respondent operates or shares in the operation
3. Designate any generating station or portion thereof, furnish a succinct statement explaining the arrangement for which the respondent is not the sole owner. If surand giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	*** NONE ***						
12							
13							
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22							
23							
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37							

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



**HYDROELECTRIC GENERATING STATIONS -- Continued**

percent of ownership by respondent, name of co-owner. Specify whether lessee is an associated company. basis of sharing output, expenses, or revenues, and how. Designate any plant or equipment owned, not operated expenses and/or revenues are accounted for and accounted and not leased to another company. If such plant affected. Specify if lessor, co-owner, or other party is or equipment was not operated within the past year explain associated company. whether it has been retired in the books of account or what 4. Designate any generating station or portion thereof disposition of the plant or equipment and its book cost are leased to another company and give name of lessee, if contemplated. and term of lease and annual rent and how determined.

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings)	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)	Fre- quency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
		*** NONE ***							1	
									2	
									3	
									4	
									5	
									6	
									7	
									8	
									9	
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									38	
<b>TOTALS</b>									39	

**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. 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-

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

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				Belted or Direct Connected (g)
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	
1	NOT APPLICABLE						
2							
3							
4							
5							
6							
7							
8							
9							
10							
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**COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued**  
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing Specify whether lessee is an associated company. output, expenses, or revenues, and how expenses and 5. Designate any plant or equipment owned, not operated revenues are accounted for and accounts affected. Spe and not leased to another company. If such plant lessor, co-owner, or other party is an associated compæ or equipment was not operated within the past year explain 4. Designate any generating station or portion thereof whether it has been retired in the books of account or what leased to another company and give name of lessee, d disposition of the plant or equipment and its book cost are and term of lease and annual rent and how determined 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)
NOT	APPLICABLE							1	
								2	
								3	
								4	
								5	
								6	
								7	
								8	
								9	
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								37	
<b>TOTALS</b>									38
									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	NOT APPLICABLE						
2								
3								
4								
5								
6								
7								
8								
9								
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11								
12								
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41								
42								
43								
44								
45								
46								
47	<b>TOTALS</b>				<b>0</b>	<b>0</b>		

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

**SUBSTATIONS**

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.

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	Wakefield Substation	Distribution	13,800	4,169		17,500	4	0			
2	Wakefield Avenue	Unattended									
3											
4											
5	Matthew J Burns	Distribution	13,800	4,169		12,500	2	0			
6	Ballister Street	Unattended									
7											
8											
9	Marcus Beebe	Distribution	115,000	13,800		110,000	2	1			
10	Farm Street	Unattended									
11											
12											
13											
14											
15											
16											
17											
18											
19											
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21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											
					<b>TOTALS</b>	140,000	8	1			

**OVERHEAD DISTRIBUTION LINES OPERATED**

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	100.8		100.8
2	Added During Year	0.4		0.4
3	Retired During Year	0		0
4	Miles - End of Year	101.2		101.2
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.....	8,498	14,885	1,628	152,107
17	Additions during year:				
18	Purchased.....		493	57	3,946
19	Installed.....	144			
20	Associated with utility plant acquired.....				
21	<b>Total additions.....</b>	<b>144</b>	<b>493</b>	<b>57</b>	<b>3,946</b>
22	Reduction during year:				
23	Retirements.....	119	467	17	1,463
24	Associated with utility plant sold.....				
25	<b>Total reductions.....</b>	<b>119</b>	<b>467</b>	<b>17</b>	<b>1,463</b>
26	<b>Number at End of Year.....</b>	<b>8,523</b>	<b>14,911</b>	<b>1,668</b>	<b>154,590</b>
27	In Stock.....		2,608	195	23,441
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....		12,301	1,431	142,271
31	In Company's Use.....		6	9	394
32	<b>Number at End of Year.....</b>		<b>14,915</b>	<b>1,635</b>	<b>166,106</b>

**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	UNDERGROUND DISTRIBUTION SYSTEM	44.3	10.5 miles	13,800			
2			3 conductor				
3							
4			44.2 miles of	13,800			
5			single conductor				
6							
7			.6 miles of	4,160			
8			3 conductor				
9							
10			.5 miles of	230			
11			2 conductor				
12							
13			75.0 miles of	230			
14			single conductor				
15							
16			29.9 miles	4,160			
17			single conductor				
18							
19			.3 miles of	230			
20			3 conductor				
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34	<b>TOTALS</b>	44.3	157.8				

\*Indicate number of conductors per cable.



## STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town	Total	TYPE							
			Incandescent		Mercury Vapor		Metal Municipal Halide	Other	High Press. Sodium	
			Municipal	Other	Municipal	Other			Municipal	Other
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
1	Wakefield	3,051	1		118	249	0		2,540	143
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51										
52	<b>TOTALS</b>	<b>3,051</b>	<b>1</b>		<b>118</b>	<b>249</b>	<b>0</b>		<b>2,540</b>	<b>143</b>

RECORD OF SENDOUT FOR THE YEAR IN MCF  
 BASED ON 1,000 BTU PER CUBIC FOOT

Item	Total	January	February	March	April	May
Gas Made						
Gas						
Gas						
Gas						
TOTAL		13.47	13.49	13.21	7.94	7.61
Gas Purchased						
Natural.....						
Other.....	-	-	-	-	-	-
TOTAL.....	571,161	88,396	83,749	93,159	47,599	21,206
TOTAL MADE AND PURCHASED....	571,161	88,396	83,749	93,159	47,599	21,206
Net Change in Holder Gas						
TOTAL SENDOUT	571,161	88,396	83,749	93,159	47,599	21,206
Gas Sold.....	525,508	79,826	98,943	79,022	63,336	31,624
Gas Used by Company						
Gas Accounted for...	525,508	79,826	98,943	79,022	63,336	31,624
Gas Unaccounted for	45,653	8,570	-15,194	14,137	-15,737	-10,418
% Unaccounted for (0.00%).....	7.99%	9.70%	-18.14%	15.18%	-33.06%	-49.13%
Sendout in 24 Hours in MCF.....						
Maximum-MCF.....	5,112	5,004	4,487	3,225	1,996	1,902
Maximum-Date.....	30	5-Jan	15	7	24	4
Minimum-MCF.....	398	597	1,665	1,555	662	558
Minimum-Date.....	8-July	31-Jan	7	20	3	29

B.T.U. Content of Gas  
 Delivered to Customers

1,042 per Cubic Foot

RECORD OF SENDOUT FOR THE YEAR IN MCF  
 BASED ON 1,000 BTU PER CUBIC FOOT

	June	July	August	September	October	November	December
TOTAL	3.42	4.8		3.18	5.73	10.15	13.89
Gas Purchased							
Natural.....	14,563	12,594	12,995	14,868	27,740	61,151	93,142
Other.....	-	-	-	-	-	-	-
TOTAL.....	14,563	12,594	12,995	14,868	27,740	61,151	93,142
TOTAL MADE AND PURCHASED....	14,563	12,594	12,995	14,868	27,740	61,151	93,142
Net Change in Holder Gas							
TOTAL SENDOUT	14,563	12,594	12,995	14,868	27,740	61,151	93,142
Gas Sold.....	18,230	12,477	11,456	11,473	14,946	36,559	67,618
Gas Used by Company	0						
Gas Accounted for...	18,230	12,477	11,456	11,473	14,946	36,559	67,618
Gas Unaccounted for	-3,667	117	1,539	3,395	12,794	24,592	25,524
% Unaccounted for (0.00%).....	-25.18%	0.93%	11.84%	22.83%	46.12%	40.22%	27.40%
Sendout in 24 Hours in MCF.....							
Maximum-MCF.....	774	612	612	845	2,887	3,854	4,956
Maximum-Date.....	8	25	11	5	4	28	19
Minimum-MCF.....	447	284	302	366	448	662	905
Minimum-Date.....	26	28	28	19	17	7	3
B.T.U. Content of Gas Delivered to Customers			1,042	per Cubic Foot			

Diameter	Beginning Balance	Added	Removed	Ending Balance
Distribution Cast Iron Mains				
3	4,333	-	-	4,333
4	5,455	-	284	5,171
6	1,135	-	79	1,056
10	-	-	-	-
Sub-Total	10,923	-	363	10,560
Mains - Steel Pipe				
1	-	-	-	-
1 1/4	-	-	-	-
1 1/2	75	-	-	75
2	11,541	-	-	11,541
3	42,461	-	958	41,503
4	125,708	-	10,395	115,313
6	21,168	-	-	21,168
8	100	3,224	-	3,324
Sub-Total	201,053	3,224	11,353	192,924
Plastic Pipe				
1	90	-	-	90
1 1/4	425	-	-	425
2	19,292	257	-	19,549
3	4,792	-	884	3,908
4	72,987	-	13,535	59,452
6	73,229	19,556	-	92,785
8	53,778	5,501	-	59,279
12	2,816	-	-	2,816
Sub-Total	227,409	25,314	14,419	238,304
Steel Mains Welded				
4	4,460	-	-	4,460
10	4,165	-	-	4,165
Sub-Total	8,625	-	-	8,625
Grand Totals	448,010	28,538	26,135	450,413

GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS ANI METERS

Item	Gas Services	House Governors	Meters
Number at beginning of year	4,828		6,437
Additions during year:			
Purchased	* * * * *		285
Installed	239		* * * * *
Associated with Plant acquired	-		-
Total Additions	193		285
Reductions during year:			
Retirements	107		166
Associated with Plant sold	-		-
Total Reductions	107		166
Number at End of Year	4,914		6,556

In Stock			314
On Customers' Premises--Inactive			-
On Customers' Premises--Active			6,556
In Company Use			8
Number at End Year			6,878

\*\*\* Note Meters on customer premises should equal page 44 and page 4

Number of Meters Tested by State Inspectors During Year			248
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**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
		***** SEE ATTACHED WORKSHEETS *****		

**THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY**

.....

*Mayor*

.....

*Manager of Electric Light*

.....

.....

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

.....

.....

.....

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....

Mayor

*[Handwritten signature]*

.....

Manager of Electric Light

*M. Giannattasio*  
.....

*Kenich & Chen T.*  
.....

*John J. Wardell*  
.....

*Mr. C. McCarty*  
.....

*Mark [unclear]*  
.....

Selectmen  
or  
Members  
of the  
Municipal  
Light  
Board