

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

CITY

Of

TAUNTON

**DEPARTMENT OF PUBLIC UTILITIES**

FOR THE YEAR ENDED DECEMBER 31,

2014

Name of officer to whom correspondence should  
Be addressed regarding this report.

**Kenneth Goulart**

Official title **General Manager**

Office Address **55 Weir Street**  
**Taunton, MA 02780**

**GENERAL INFORMATION**

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1. Name of town (or city) making this report.  
City of Taunton
  
2. If the town (or city) has acquired a plant,  
Kind of plant, whether gas or electric. Electric  
Owner from whom purchased, if so acquired. Taunton Electric Co (December 12, 1895-Oct 7, 1896)  
Date of votes to acquire a plant in accordance with the provision of chapter 164 of the General Laws.  
Record of votes: First vote: Yes 7: No 0:  
Second vote: Yes 8: No 0:  
  
Date when town (or city) began to sell gas and electricity,  
July 1, 1897
  
3. Name and address of manager of municipal lighting:  
Kenneth Goulart  
27 Macomber Street  
Berkley, MA 02779
  
4. Name and address of mayor or selectman:  
Thomas Hoyer Jr  
28 Marica Bliss Way  
Taunton, MA 02780
  
5. Name and address of town (or city) treasurer:  
Barbara Auger  
27 Congress Terrace  
Milford, MA 01757
  
6. Name and address of town (or city) clerk:  
Rose Marie Blackwell  
2071 County Street  
E. Taunton, MA 02718
  
7. Names and addresses of members of municipal light board:  
Peter H. Corr, 126 Washburn St., Taunton, MA 02780  
Joseph Martin, 48 General Cobb Street, Taunton, MA 02780  
Mark Blackwell Sr., 24 Warren Street, Taunton, MA 02780
  
8. Total valuation of estates in town (or city) according to last state valuation:  
Residential and Open Space 3,478,810,733  
Commercial, Industrial and Personal 973,878,704
  
9. Tax rate for all purposes during the year:  
Residential and Open Space \$15.01  
Commercial, Industrial and Personal \$33.25
  
10. Amount of Manager's salary:
  
11. Amount of Manager's bond: \$10,000
  
12. Amount of salary paid to member of municipal light board (each):  
\$6,400 Chairman  
\$6,000 each other member

**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 paid from	\$
*At Meeting	19 , to paid from	\$
	<b>TOTAL</b>	<b>\$</b>

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

1. Street Lights	\$	588,149
2. Municipal Buildings	\$	4,262,834
3.		
	<b>TOTAL</b>	<b>\$ 4,850,983</b>

**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:**

Major Overhaul of Unit #9 which included a new boiler controls and assemblies

**In gas property:**

**FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 67 GOR GAS  
AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT**

INCOME FROM PRIVATE CONSUMERS:	<u>AMOUNT</u>
1 From sales of gas	
2 From sales of electricity	\$103,334,014
3 <b>TOTAL</b>	<b>\$103,334,014</b>
4	
5 <b>EXPENSES:</b>	
6 For operation, maintenance and repairs	84,982,728
7 For interest on bond, notes or scrip	220,056
8 For depreciation fund (2% on \$ 230,633,979.08) page 8B-9A	4,612,680
9 For sinking fund requirements	
10 For note payments	
11 For bond payments	
12 For loss in preceding year	
13 <b>TOTAL</b>	<b>89,815,464</b>
14	
15 <b>COSTS:</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	4,262,834
19 Of electricity to be used for street lights	588,149
20 Total of the above items to be included in the tax levy	
21	
22 New construction to be included in the tax levy	
23 <b>TOTAL</b>	<b>4,850,983</b>

**CUSTOMERS**

Names of the cities or towns in which the plant supplies GAS, with the number of customers' meters in each.	Names of the cities or towns in which the plant supplies ELECTRICITY, with the number of customer's meters in each.
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City of Town	Number of Customer	City or Town	Number of Customer's Meters
		Raynham, Town of	6,362
		Berkley, Town of	2,571
		Lakeville, Town of	260
		N. Dighton, Town of	475
		Taunton, City of	27,374
		Bridgewater, Town of	17
		<b>TOTAL</b>	<b>37,059</b>

**BONDS**  
(Issued on account of Gas or Electric Lighting)

When Authorized	Date of Issue	Amount Of Original Issue	Period of Payments Amounts When Payable	Interest Rate	When Payable	Amount Outstanding at end of year
May 27, 1897	June 1, 1897	125,000				
Sept 9, 1897	June 1, 1897	7,500				
May 12, 1898	June 1, 1898	3,500				
Mar 1, 1899	Dec 1, 1898	5,000				
Mar 1, 1901	Dec 1, 1900	3,000				
July 5, 1901	June 1, 1900	1,500				
Mar 7, 1902	June 1, 1902	175,000				
July 2, 1907	June 1, 1907	45,000				
Aug 18, 1913	June 2, 1913	50,000				
Oct 18, 1918	June 1, 1919	15,000				
May 22, 1919	June 10, 1920	5,000				
July 20, 1919	June 2, 1919	30,000				
Aug 13, 1919	Aug 1, 1919	100,000				
Dec 23, 1919	June 1, 1919	50,000				
June 8, 1920	June 1, 1920	400,000				
June 5, 1923	June 1, 1923	250,000				
June 8, 1926	Oct 1, 1926	100,000				
Oct 6, 1926	Oct 1, 1926	50,000				
Sept 12, 1950	Nov 1, 1950	600,000				
Sept 12, 1950	Dec 1, 1951	200,000				
May 31, 1955	Dec 1, 1955	500,000				
May 31, 1955	Sept 1, 1956	1,500,000				
May 31, 1955	July 1, 1957	2,000,000				
Apr 16, 1964	Jan 1, 1965	2,000,000				
Apr 16, 1964	Aug 15, 1965	900,000				
May 27, 1975	Feb 1, 1976	24,000,000				
October 19, 2009	June 15, 2010	7,250,000				
November 14, 2012	September 30, 2013	2,251,000				
			Variable Principal and Interest payments See detail attached			7,800,000
	<b>TOTAL</b>	<b>42,616,500</b>				<b>7,800,000</b>

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

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

When Authorized	Date Of Issue	Amount Of Original Issue	Period of Payments		Rate	Interest When Payable	Amount Outstanding at end of year
			Amounts	When Payable			
Mar 1, 1900	Mar 1, 1900	1,500					
Jul 7, 1970	Oct 1, 1971	1,000,000					
Jul 7, 1970	Feb 8, 1972	1,000,000					
Jul 7, 1970	Apr 14, 1972	2,000,000					
Jul 7, 1970	Apr 24, 1972	2,000,000					
Jul 7, 1970	Oct 27, 1972	5,000,000					
Jul 7, 1970	Jan 30, 1973	3,000,000					
Jul 7, 1970	Mar 15, 1973	2,000,000					
Jul 7, 1970	Apr 12, 1973	2,000,000					
Jul 7, 1970	May 15, 1973	2,500,000					
Jul 7, 1970	Jun 4, 1973	1,000,000					
Jul 7, 1970	Jun 15, 1973	5,500,000					
Jul 7, 1970	Jul 26, 1973	2,000,000					
Jul 7, 1970	Sep 14, 1973	3,000,000					
Jul 7, 1970	Dec 14, 1973	10,500,000					
Jul 7, 1970	Dec 27, 1973	2,000,000					
Jul 7, 1970	Jan 15, 1974	4,500,000					
Jul 7, 1970	Mar 25, 1974	2,000,000					
Jul 7, 1970	Apr 12, 1974	10,500,000					
Jul 7, 1970	May 31, 1974	2,000,000					
Jul 7, 1970	Jun 14, 1974	4,500,000					
Jul 7, 1970	Jul 19, 1974	2,000,000					
Jul 7, 1970	Sep 30, 1974	10,500,000					
Nov 29, 1973	Oct 31, 1974	1,000,000					
Jul 7, 1970	Nov 20, 1974	2,000,000					
Jul 7, 1970	Dec 20, 1974	6,500,000					
Jul 7, 1970	Feb 20, 1975	10,500,000					
Nov 29, 1973	Feb 28, 1975	1,000,000					
May 27, 1975	Jun 6, 1975	1,000,000					
Jul 1, 1970	Jul 10, 1975	2,000,000					
Nov 29, 1973	Jul 10, 1975	2,000,000					
Jul 7, 1970	Jul 17, 1975	10,500,000					
May 27, 1975	Aug 1, 1975	1,000,000					
Jul 7, 1970	Aug 20, 1975	6,500,000					
May 27, 1975	Nov 20, 1975	1,000,000					
Jul 7, 1970	Dec 18, 1975	2,000,000					
Nov 29, 1973	Dec 18, 1975	2,000,000					
Jul 7, 1970	Jan 22, 1976	6,500,000					
	TOTAL	136,001,500					

## TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
1	<b>1. INTANGIBLE PLANT</b>						
2							
3	303 Electronic Metering Equipment	34,674.33					34,674.33
4							
5	<b>2. PRODUCTION PLANT</b>						
6	<b>A. Steam Plant</b>						
7	310 Land and Land Rights	758,251.87	2,507.70				760,759.57
8	311 Structures and Improvements	19,135,070.34	722,271.00				19,857,341.34
9	312 Boiler Plant Equipment	31,012,932.34	10,952,892.51				41,965,824.85
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	21,917,522.72	3,948,367.64				25,865,890.36
12	315 Accessory Electric Equipment	2,763,472.69					2,763,472.69
13	316 Miscellaneous Power Plant Equipment	1,151,607.94	95,542.00				1,247,149.94
14							
15	<b>Total Steam Production Plant</b>	<b>76,773,532.23</b>	<b>15,721,580.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>92,495,113.08</b>
16	<b>B. Nuclear Production Plant</b>						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	1,019,932.90					1,019,932.90
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	59,113.38					59,113.38
23	<b>Total Nuclear Production Plant</b>	<b>1,079,046.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,079,046.28</b>

## TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
10	<b>2. OTHER PRODUCTION PLANT</b>						
11	335 Misc Power Plant Equip	42,723.69					42,723.69
12	340 Land and Land Rights						
13	341 Structures and Improvements						
14	342 Fuel holders, prod., and access'rs	685,155.04					685,155.04
15	343 Prime Movers						
16	344 Generators	83,406.68					83,406.68
17	345 Accessory Electric Equipment	407,598.29					407,598.29
18	346 Misc. Power Plant Equipment						
19	<b>Total Other Production Plant</b>	<b>1,218,883.70</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,218,883.70</b>
20	<b>Total Production Plant</b>	<b>79,071,462.21</b>	<b>15,721,580.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>94,793,043.06</b>
21	<b>3. TRANSMISSION PLANT</b>						
22	350 Land and Land Rights	181,063.50					181,063.50
23	351 Clearing Land	35,021.54					35,021.54
24	352 Structures and Improvements	133,392.15					133,392.15
25	353 Station Equipment	2,722,100.24					2,722,100.24
26	354 Towers and Fixtures	925,654.65					925,654.65
27	355 Poles and Fixtures	2,265,111.24					2,265,111.24
28	356 Overhead conductors and devices	1,258,796.68					1,258,796.68
29	357 Underground conduit	3,103.55					3,103.55
30	358 Underground conductors and devices	9,569.14					9,569.14
31	359 Roads and Trails						
32	<b>Total Transmission Plant</b>	<b>7,533,812.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,533,812.69</b>



## TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
<b>1</b>	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights	352,787.78					352,787.78
3	361 Structures and Improvements	1,010,677.45	7,407.21				1,018,084.66
4	362 Station Equipment	9,918,411.58	42,930.46				9,961,342.04
5	363 Storage Battery Equipment	3,312.82					3,312.82
6	364 Poles, Towers, and Fixtures	10,603,645.52	550,509.43				11,154,054.95
7	365 Overhead Conductors and Devices	21,469,742.64	1,424,925.71				22,894,668.35
8	366 Underground Conduit	4,893,330.78	115,767.37				5,009,098.15
9	367 Underground Conductors and Devices	10,313,117.93	724,625.48				11,037,743.41
10	368 Line Transformers	17,207,534.21	971,268.92				18,178,803.13
11	369 Services	2,374,163.61	121,681.22				2,495,844.83
12	370 Meters	3,853,924.44	315,403.78				4,169,328.22
13	371 Installations on Cust Premises	31,801.47					31,801.47
14	372 Leased Prop on Cust's Premises	3,936,812.66					3,936,812.66
15	373 Street Lighting and Signal Systems	3,467,901.33	247,144.71				3,715,046.04
<b>16</b>	<b>Total Distribution Plant</b>	<b>89,437,064.22</b>	<b>4,521,664.29</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>93,958,728.51</b>
<b>17</b>	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights	427,872.78					427,872.78
19	390 Structures and Improvements	6,345,712.69	22,063.97				6,367,776.66
20	391 Office Furniture and Equipment	8,501,093.42	296,288.01				8,797,381.43
21	392 Transportation Equipment	3,061,814.75	655.00	(595.00)			3,061,874.75
22	393 Stores Equipment	207,414.79					207,414.79
23	394 Tools, Shop and Garage Equipment	95,335.77	14,919.44				110,255.21
24	395 Laboratory Equipment	15,972.76					15,972.76
25	396 Power Operated Equipment	30,078.08					30,078.08
26	397 Communication Equipment	15,322,546.49	1,615,842.74				16,938,389.23
27	398 Miscellaneous Equipment	242,672.02					242,672.02
28	399 Other Tangible Property	843,081.00	66,737.00				909,818.00
<b>29</b>	<b>Total General Plant</b>	<b>36,093,594.55</b>	<b>2,016,506.16</b>	<b>(595.00)</b>	<b>0.00</b>	<b>0.00</b>	<b>37,109,505.71</b>
<b>30</b>	<b>Total Electric Plant in Service</b>	<b>211,135,933.67</b>	<b>22,269,751.30</b>	<b>(595.00)</b>	<b>0.00</b>	<b>0.00</b>	<b>233,395,089.97</b>
31					Total Cost of Electric Plant		<u>233,395,089.97</u>
32							
33					Less Cost of Land, Land Rights, Rights of Way		<u>2,761,110.88</u>
34					Total Cost Upon which Depreciation is based		<u>230,633,979.09</u>

**COMPARATIVE BALANCE SHEET Assets and other Debits**

Line No.	Account	Balance Beginning of Year	Balance End of Year	Increase or (Decrease)
1	<b>UTILITY PLANT</b>			
2	101 Utility Plant-Electric (pg 17)	87,764,823.53	93,058,020.71	5,293,197.18
3	101 Utility Plant-Gas (pg 20)			
4				
5	<b>Total Utility Plant</b>	<b>87,764,823.53</b>	<b>93,058,020.71</b>	<b>5,293,197.18</b>
6	<b>FUND ACCOUNTS</b>			
7				
8				
9	1202 Nuclear Fuel in Stock	298,134.45	298,134.45	0.00
10	1203 Nuclear Fuel in Reactor	818,120.52	873,079.70	54,959.18
11	1205 Amortization of Nuclear Fuel	(999,163.86)	(1,068,486.84)	69,322.98
12	121 Non Utility Property			
13	126 Depreciation Fund (pg 14)	8,308,817.75	8,308,817.75	0.00
14	128 Other Sepcial Funds	3,923,508.37	4,543,136.07	619,627.70
15	<b>Total Funds</b>	<b>12,349,417.23</b>	<b>12,954,681.13</b>	<b>605,263.90</b>
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash	17,554,057.26	9,086,876.22	(8,467,181.04)
18	132 Special Deposits	1,461,610.94	1,547,291.27	85,680.33
19	133 Restricted Cash			
20	134 Other Special Deposits	1,881,922.57	1,881,922.57	0.00
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	8,513,166.06	9,153,955.90	640,789.84
24	143 Other Accounts Receivable	4,101.69	4,110.59	8.90
25	146 Receivables from Municipality	4,764.06	4,831.31	67.25
26	151 Materials and Supplies (pg 14)	4,689,100.98	6,093,659.79	1,404,558.81
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	2,920,368.34	2,729,890.73	(190,477.61)
30	174 Miscellaneous Current Assets	348,592.63	326,021.95	(22,570.68)
31	<b>Total Current Assets</b>	<b>37,381,384.53</b>	<b>30,832,260.33</b>	<b>(6,549,124.20)</b>
32	<b>DEFERRED DEBITS</b>			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	0.00		0.00
36	185 Other Defferred Debits	(123.69)	(123.69)	0.00
37	<b>Total Deferred Debits</b>	<b>(123.69)</b>	<b>(123.69)</b>	<b>0.00</b>
38				
39	<b>Total Assets and Other Debits</b>	<b>88,244,017.70</b>	<b>136,844,838.48</b>	<b>48,600,820.78</b>

**COMPARATIVE BALANCE SHEET Liabilities and Other Credits**

Line No.	Account	Balance Beginning of Year	Balance End of Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction			
3	SURPLUS			
4	205 Sinking Fund Reserves			
5	206 Loans Repayment	35,292,000.00	36,243,000.00	951,000.00
6	207 Appropriation for Construction Repayments	32,433.98	32,433.98	0.00
7	208 Unappropriated Earned Surplus (pg 12)	69,608,746.36	68,712,857.97	(895,888.39)
8	<b>Total Surplus</b>	<b>104,933,180.34</b>	<b>104,988,291.95</b>	<b>55,111.61</b>
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	7,326,000.00	7,800,000.00	474,000.00
11	229 Accumulated Provision for rate refunds	6,000,000.00	6,000,000.00	0.00
12	231 Notes Payable (pg 7)			0.00
13	<b>Total Bonds and Notes</b>	<b>2,000,000.00</b>	<b>13,800,000.00</b>	<b>11,800,000.00</b>
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	8,034,597.67	5,738,592.83	(2,296,004.84)
16	234 Payables to Municipality	6,835,031.12	7,818,401.12	983,370.00
17	235 Customer's Deposits	1,415,489.62	1,503,270.93	87,781.31
18	236 Taxes Accrued			
19	237 Interstet Accrued	28,939.43	44,304.00	15,364.57
20	241 Tax Collections Payable	106,728.06	(56,270.63)	(162,998.69)
21	242 Misc Current and Accrued Liabilities	1,028,138.73	186,445.70	(841,693.03)
22	243 Master Trust Fund Liab - Seabrook	164,355.43	164,355.43	0.00
23	245 Deferred Revenue Liability			
24	<b>Total Current and Accrued Liabilites</b>	<b>17,613,280.06</b>	<b>15,399,099.38</b>	<b>(2,214,180.68)</b>
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt			
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	211,784.82	500,284.82	288,500.00
29	<b>Total Deferred Credits</b>	<b>211,784.82</b>	<b>500,284.82</b>	<b>288,500.00</b>
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	1,382,619.02	1,393,285.60	10,666.58
32	261 Property Insurance Reserve			
33	262 Injuries and Damages Reserve			
34	263 Pensions and Benefits Reserve			
35	265 Miscellaneous Operating Reserves			
36	<b>Total Reserves</b>	<b>1,382,619.02</b>	<b>1,393,285.60</b>	<b>10,666.58</b>
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	28,637.36	763,876.73	735,239.37
39	<b>Total Liabilities and Other Credits</b>	<b>126,169,501.60</b>	<b>136,844,838.48</b>	<b>10,675,336.88</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

Transferred to City of Taunton to tax reduction.....\$	2,900,000
Since 1923 Transferred to City for tax reduction.....\$	91,827,976
Since 1934 paid directly for Veteran's Pensions.....\$	822,866

## STATEMENT OF INCOME FOR THE YEAR

Line No.	Account	Current Year	Increase or (Decrease)
1	OPERATING INCOME		
2	400 Operating Revenues (pg. 37 and 43)	94,752,628.53	(1,211,334.20)
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	75,471,785.02	193,759.91
5	402 Maintenance Expenses (p. 42 and 47)	8,999,743.21	(1,718,604.62)
6	403 Depreciation Expenses	6,253,599.48	301,805.72
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	<b>Total Operating Expenses</b>	<b>90,725,127.71</b>	<b>(1,223,038.99)</b>
11	<b>Operating Income</b>	<b>4,027,500.82</b>	<b>11,704.79</b>
12	414 Other Utility Operating Income (p. 50)		
13			
14	<b>Total Operating Income</b>	<b>4,027,500.82</b>	<b>11,704.79</b>
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	3,000.00	0.00
18	421 Miscellaneous Non-Operating Income	66,707.09	63,998.69
19	<b>Total Other Income</b>	<b>69,707.09</b>	<b>63,998.69</b>
20	<b>Total Income</b>	<b>4,097,207.91</b>	<b>75,703.48</b>
21	MISCELLANEOUS INCOME DEDUCTIONS		
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>4,097,207.91</b>	<b>75,703.48</b>
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	233,556.21	42,301.54
28	428 Amortization of Debt Discount and Expenses		
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expenses		
31	432 Interest Charged to Construction - Credit		
32	<b>Total Interest Charges</b>	<b>233,556.21</b>	<b>42,301.54</b>
33	<b>NET INCOME</b>	<b>3,863,651.70</b>	<b>33,401.94</b>

**EARNED SURPLUS**

Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		69,608,746.36
35			
36	Adjustments for Previous Periods		
37	433 Balance Transferred from Income		2,004,111.61
38	434 Miscellaneous Credits to Surplus (p. 21)		
39	435 Miscellaneous Debits to Surplus (p. 21)	2,900,000.00	
40	436 Appropriations of Surplus (p. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	68,712,857.97	
43			
44	<b>TOTALS</b>	<b>71,612,857.97</b>	<b>71,612,857.97</b>

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

Line No.	Items	Amount
1	Operation Fund	9,086,876.22
2	Interest Fund	1,881,922.57
3	Bond Fund	
4	Restricted Fund	
5	Customer Deposit	1,547,291.27
6	Petty Cash Fund	3,700.00
7	Special Deposits	
8		
9		
10		
11		
12	<b>TOTAL</b>	<b>12,519,790.06</b>

**MATERIALS AND SUPPLIES (Accounts 151-159,163)**

	Electric	Gas
13	Fuel (Account 151) (See Schedule, p.25)	3,739,350.99
14	Fuel Stock Expenses (Account 152)	
15	Residuals (Account 153)	
16	Plant Materials and Operating Supplies (Account 154)	2,354,308.80
17	Merchandise (Account 155)	
18	Other Materials and Supplies (Account 156)	
19	Nuclear Fuel Assemblies and Components-In Reactor (Account 157)	
20	Nuclear Fuel Assemblies and Components-Stock Account ( Account 158)	
21	Stores Expenses ( Account 163)	
22	425 Miscellaneous Amortization	
23	<b>TOTAL</b>	<b>6,093,659.79</b>

**DEPRECIATION FUND ACCOUNT ( Account 136)**

24	<b>Debits</b>	
25	Balance of account at beginning of year	
26	Income during year from balance on deposit	
27	Amount transferred from income	
28	Amount Transferred from reserve for major overhaul expenses	
29	Amount transferred for reserve for Unit 9 Principal and Interest Payments	
30		
31	<b>TOTAL</b>	
32	<b>Credits</b>	
33	Amount expended for renewals, viz	
34	Bond Principal and Interest Payment for Unit	
35	Balance on hand at end of year	
36	<b>TOTAL</b>	
37		
38		
39		
40		

DEPRECIATION FUND ACCOUNT (ACCOUNT 126)

	<u>AMOUNT</u>
<u>DEBITS</u>	
BALANCE ON ACCOUNT AT BEGINNING OF YEAR	\$8,308,817.75
INCOME DURING YEAR FROM BALANCE ON DEPOSIT	
AMOUNT TRANSFERRED FROM INCOME	
AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES	
AMOUNT TRANSFERRED FOR RESERVE FOR UNIT 9 PRINCIPAL AND INTEREST PAYMENTS	
TOTAL	\$8,308,817.75
<u>CREDITS</u>	
AMOUNTS EXPENDED FOR CONSTRUCTION	
AMOUNTS EXPENDED FOR RENEWALS VIZ BOND PRINCIPAL AND INTEREST PAYMENT FOR UNIT	
BALANCE ON HAND AT END OF YEAR	\$8,308,817.75
TOTAL	\$8,308,817.75

## UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
1	<b>1. INTAGIBLE PLANT</b>						
2							
3	303 Electronic Metering Equipment	34,674.33					34,674.33
4							
5	<b>2. PRODUCTION PLANT</b>						
6	<b>A. Steam Plant</b>						
7	310 Land and Land Rights	758,251.87	2,507.70				760,759.57
8	311 Structures and Improvements	6,939,362.36	722,271.00	469,959.62			7,191,673.74
9	312 Boiler Plant Equipment	4,112,389.56	10,952,892.51	561,120.35			14,504,161.72
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	2,602,348.34	3,948,367.64	310,795.66			6,239,920.32
12	315 Accessory Electric Equipment	29,341.17		1,486.19			27,854.98
13	316 Miscellaneous Power Plant Equipment	170,930.49	95,542.00	23,119.46			243,353.03
14							
15	<b>Total Steam Production Plant</b>	<b>14,647,298.12</b>	<b>15,721,580.85</b>	<b>1,366,481.28</b>	<b>0.00</b>	<b>0.00</b>	<b>29,002,397.69</b>
16	<b>B. Nuclear Production Plant</b>						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	366,373.87		163,389.99			202,983.88
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	59,113.38					59,113.38
23	<b>Total Nuclear Production Plant</b>	<b>425,487.25</b>	<b>0.00</b>	<b>163,389.99</b>	<b>0.00</b>	<b>0.00</b>	<b>262,097.26</b>



## UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
10	<b>OTHER PRODUCTION PLANT</b>						
11 335	Misc Power Plant Equip	10,524.34		5,269.39			5,254.95
12 340	Land and Land Rights						
13 341	Structures and Improvements						
14 342	Fuel holders, prod., and access	37,874.48		4,958.63			32,915.85
15 343	Prime Movers						
16 344	Generators						
17 345	Accessory Electric Equipment						
18 346	Misc. Power Plant Equipment						
19	<b>Total Other Production Plant</b>	<b>48,398.82</b>	<b>0.00</b>	<b>10,228.02</b>	<b>0.00</b>	<b>0.00</b>	<b>38,170.80</b>
20	<b>Total Production Plant</b>	<b>15,121,184.19</b>	<b>15,721,580.85</b>	<b>1,540,099.29</b>	<b>0.00</b>	<b>0.00</b>	<b>29,302,665.75</b>
21 3.	<b>TRANSMISSION PLANT</b>						
22 350	Land and Land Rights	181,063.50					181,063.50
23 351	Clearing Land	35,021.54					35,021.54
24 352	Structures and Improvements	0.00					0.00
25 353	Station Equipment	286,316.72		13,042.08			273,274.64
26 354	Towers and Fixtures	10,744.13		467.19			10,276.94
27 355	Poles and Fixtures	61,275.19		6,054.03			55,221.16
28 356	Overhead Conductors and Devices	15,056.19		1,821.75			13,234.44
29 357	Underground Conduit						
30 358	Underground Conductors and Devices	2,307.11		137.90			2,169.21
31 359	Roads and Trails						
32	<b>Total Transmission Plant</b>	<b>591,784.38</b>	<b>0.00</b>	<b>21,522.95</b>	<b>0.00</b>	<b>0.00</b>	<b>570,261.43</b>

## UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
<b>1</b>	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights	352,787.78					352,787.78
3	361 Structures and Improvements	208,466.67	7,407.21	15,550.38			200,323.50
4	362 Station Equipment	3,299,294.94	42,930.46	321,560.27			3,020,665.13
5	363 Storage Battery Equipment	842.15		121.74			720.41
6	364 Poles, Towers, Fixtures	3,433,346.37	550,509.43	254,756.19			3,729,099.61
7	365 Overhead Conductors and Devices	10,734,618.71	1,424,925.71	744,638.74			11,414,905.68
8	366 Underground Conduit	1,243,329.76	115,767.37	100,661.41			1,258,435.72
9	367 Underground Conductors and Devices	5,662,292.25	724,625.48	321,503.84			6,065,413.89
10	368 Line Transformers	8,949,778.08	971,268.92	568,756.70			9,352,290.30
11	369 Services	1,142,013.09	121,681.22	76,861.65			1,186,832.66
12	370 Meters	979,960.49	315,403.78	71,379.59			1,223,984.68
13	371 Installations on Cust Premises	23,228.85		1,366.62			21,862.23
14	372 Leased Prop. on Cust's Premises						
15	373 Street Lighting and Signal Systems	1,514,205.97	247,144.71	85,580.55			1,675,770.13
<b>16</b>	<b>Total Distribution Plant</b>	<b>37,544,165.11</b>	<b>4,521,664.29</b>	<b>2,562,737.68</b>	<b>0.00</b>	<b>0.00</b>	<b>39,503,091.72</b>
<b>17</b>	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights	427,872.78					427,872.78
19	390 Structures and Improvements	2,512,252.73	22,063.97	249,797.84			2,284,518.86
20	391 Office Furniture and Equipment	3,630,297.21	296,288.01	598,953.68			3,327,631.54
21	392 Transportation Equipment	2,114,025.06	60.00	376,585.51			1,737,499.55
22	393 Stores Equipment	49,358.05		9,072.32			40,285.73
23	394 Tools, Shop and Garage Equipment	47,486.11	14,919.44	3,404.29			59,001.26
24	395 Laboratory Equipment						
25	396 Power Operated Equipment	9,370,376.85	1,615,842.74	1,011,439.02			9,974,780.57
26	397 Communication Equipment	78,712.28		14,054.15			64,658.13
27	398 Miscellaneous Equipment						
28	399 Other Tangible Property	843,081.00	66,737.00				909,818.00
<b>29</b>	<b>Total General Plant</b>	<b>19,073,462.07</b>	<b>2,015,911.16</b>	<b>2,263,306.81</b>	<b>0.00</b>	<b>0.00</b>	<b>18,826,066.42</b>
<b>30</b>	<b>Total Electric Plant</b>	<b>72,330,595.75</b>	<b>22,259,156.30</b>	<b>6,387,666.73</b>	<b>0.00</b>	<b>0.00</b>	<b>88,202,085.32</b>
31	104 Utility Plant Leased to Others						
32	105 Property held for Future Use						
33	107 Construction Work in Progress	15,434,227.78	(10,578,292.39)				4,855,935.39
<b>34</b>	<b>Total Utility Plant Electric</b>	<b>87,764,823.53</b>	<b>11,680,863.91</b>	<b>6,387,666.73</b>	<b>0.00</b>	<b>0.00</b>	<b>93,058,020.71</b>

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

Line No.	Item	Total Cost	Quantity # 6 Oil	Cost	Quantity # 2 Oil	Cost
1	On Hand Beginning of Year	2,720,144.93	9,974.57	950,392.23	17,836.49	1,769,752.70
2	Received During Year	3,360,399.54	9,937.49	1,288,012.13	14,746.40	2,072,387.41
3	<b>TOTAL</b>	<b>6,080,544.47</b>	<b>19,912.06</b>	<b>2,238,404.36</b>	<b>32,582.89</b>	<b>3,842,140.11</b>
4	Use During Year (Note A)	2,153,032.72	11,179.39	1,204,106.27	8,410.26	948,926.45
5	Boiler Fuel	198,538.64			1,501.91	198,538.64
6	Gas Turbine					
7	Water Drained					
8						
9						
10						
11	Sold or Transferred					
12	<b>TOTAL DISPOSED OF</b>	<b>2,351,571.36</b>	<b>11,179.39</b>	<b>1,204,106.27</b>	<b>9,912.17</b>	<b>1,147,465.09</b>
13	<b>BALANCE END OF YEAR</b>	<b>3,728,973.11</b>	<b>8,732.67</b>	<b>1,034,298.09</b>	<b>22,670.72</b>	<b>2,694,675.02</b>
	<b>NATURAL GAS MCF</b>		<b>COST</b>			
14	On Hand Beginning of Year					
15	Received During Year	1,422,544	7,926,853.83			
16	<b>TOTAL</b>	<b>1,422,544</b>	<b>7,926,853.83</b>			
17	Used During Year (Note A)	1,422,544	7,926,853.83			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	<b>TOTAL DISPOSED OF</b>	<b>1,422,544</b>	<b>7,926,853.83</b>			
26	<b>BALANCE END OF YEAR</b>	<b>0</b>	<b>0.00</b>			

**MISCELLANEOUS NONOPERATING INCOME (Account 421)**

Line No.	Item	Amount
1	Dividends	
2	Sale of Allowances	12.34
3	ENE Net Income	66,737.00
4	Gain on Sale of Asset	(42.25)
5	Loss on Sale of Asset	
6	<b>TOTAL</b>	<b>66,707.09</b>

**OTHER INCOME DEDUCTIONS (Account 426)**

Line No.	Item	Amount
7		
8		
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	

**MISCELLANEOUS CREDITS TO SURPLUS (Account 434)**

Line No.	Item	Amount
15		
16		
17		
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	<b>0.00</b>

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

Line No.	Item	Amount
24	To City for reduction of taxes	2,900,000.00
25		
26		
27		
28		
29		
30		
31		
32	<b>TOTAL</b>	<b>2,900,000.00</b>

**APPROPRIATIONS OF SURPLUS**

Line No.	Item	Amount
33		
34		
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	

## MUNICIPAL REVENUES (Account 482, 444)

Line No.	Acct No.	Gas Shedule	Cubic Feet	Revenue Received	Average Revenue Per M.C.F. (\$0.0000)
1	482				
2					
3					
4		<b>TOTALS</b>			

Line No.	Acct No.	Electric Schedule	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
5	444	Municipal : Other than St Lighting			
6		City of Taunton Building	14,919,353	2,356,087.11	0.1579
7		City of Taunton Power	12,678,320	1,699,519.13	0.1340
8					
9					
10					
11		<b>TOTALS</b>	<b>27,597,673</b>	<b>4,055,606.24</b>	<b>0.1470</b>

Line No.	Acct No.	Street Lighting	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
12					
13		Street Lighting	4,729,821	492,319.03	0.1041
14					
15					
16					
17					
18		<b>TOTALS</b>	<b>4,729,821</b>	<b>492,319.03</b>	<b>0.1041</b>

19		<b>TOTALS</b>	<b>32,327,494</b>	<b>4,547,925.27</b>	<b>0.1407</b>
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## PURCHASED POWER (Account 555)

Line No.	Names of Utilities For Which Electric Energy is Purchased	Where and at What Voltage Received	K.W.H.	Amount	Cost Per K.W.H. (\$0.0000)
20	MM Taunton Energy	Internal 115 KV	20,125,679	1,296,856.56	0.0644
21	Pasny	Bus Yard 115 KV	28,465,322	1,283,372.36	0.0451
22	Energy New England	Bus Yard 115 KV	376,412,695	21,077,682.78	0.0560
23	Fortistar Fall River	Bus Yard 115 KV	29,860,963	1,529,825.91	0.0512
24	ISO New England	Bus Yard 115 KV	91,407,976	11,434,494.39	0.1251
25	Watson	Bus Yard 115 KV	7,511,910	2,046,441.41	0.2724
26					
27					
28					
29		<b>TOTALS</b>	<b>553,784,545</b>	<b>38,668,673.41</b>	<b>0.0698</b>

## SALES FOR RESALE (Account 447)

Line No.	Names of Utilities For Which Electric Energy is Purchased	Where and at What Voltage Delivered	K.W.H.	Amount	Revenues Per K.W.H. (\$0.0000)
30	Eastern Edison Co.	Raynham & Taunton	103,250	15,680.94	0.1519
31	Hingham Electric	Cleary-Flood	260,306	119,349.55	0.4585
32	Braintree Electric	Bus Yard 115 KV	16,000	49,302.60	3.0814
33	N. Attleboro Light	Bus Yard 115 KV	12,214,973	1,749,556.43	0.1432
34	Hudson Light	Bus Yard 115 KV	5,807,555	874,787.83	0.1506
35					
36					
37					
38					
39		<b>TOTALS</b>	<b>18,402,084</b>	<b>2,808,677.35</b>	<b>0.1526</b>

## ELECTRIC OPERATING REVENUES (Account 400)

Line No	Account	Revenues Amount For Year	Increase or (Decrease) from Preceding Year	K.W.H. Amount For Year	Increase or (Decrease) from Preceding Year	Customers Number For Year	Increase or (Decrease) from Preceding Year
1	SALES OF ELECTRICITY						
2	440 Residential Sales	37,971,052.73	(338,395.06)	268,212,758	(2,389,930)	32,497	373
3	442 Commercial and Industrial Sales						
4	Small (or Commercial) see intr. 5	27,565,517.25	403,360.20	173,209,039	561,933	4,318	(118)
5	Large (or Commercial) see intr. 5	22,400,801.03	(582,508.16)	178,006,220	(12,780,940)	62	0
6	444 Municipal Sales (p.22)	4,547,925.27	(69,088.58)	18,827,494	(12,221,217)	318	(1)
7	445 Other Sales to Public Authorities	34,655.31	365.55	308,961	1,770	5	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	92,519,951.59	(586,266.05)	638,564,472	(26,828,384)	37,200	254
12	447 Sales for Resale	2,808,677.35	(939,959.46)	18,402,084	22,861	5	0
13	Total Sales of Electricity	95,328,628.94	(1,526,225.51)	656,966,556	(26,805,523)	37,205	254
14	OTHER OPERATING REVENUES						
15	450 Late Payment Interest	9,798.29	(7,046.07)				
16	451 Discounts Given	(2,730,412.14)	54,741.92				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	106,579.67	(12,820.56)				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	2,038,033.77	280,016.02				
21	449 Provision Rate Stabilization						
22							
23							
24							
25	Total Other Operating Revenues	(576,000.41)	314,891.31				
26	Total Electric Operating Revenues	94,752,628.53	(1,211,334.20)				

\* Includes Revenues from application of fuel clauses

0

Total KWH to which applied

268,212,758

5. Customer in excess of 50 KVA considered as Industrial Sales

## SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Line No.	Account	Schedule	K.W.H.	Revenues	Average Revenue Per K.W.H.(cents) (0.000)	Number of Customers	
						July 31,	December 31,
1	440	Residential "A"	201,058,341	28,201,892.33	0.1403	24,908	25,047
2	440	Residential "A-1"	38,442,137	5,333,436.62	0.1387	4,070	4,088
3	440	Residential "A-2"	10,649,932	1,675,133.53	0.1573	1,223	1,243
4	440	Residential "A-3"	16,006,069	2,175,212.22	0.1359	986	987
5	440	Non Business Residential	2,056,279	585,378.03	0.2847	1,123	1,132
6	442	Commercial "H"	70,088,224	11,376,899.94	0.1623	3,254	3,257
7	442	Commercial "P-1"	99,694,426	15,753,876.25	0.1580	286	293
8	442	Commercial "B-1"	1,135,880	169,663.09	0.1494	2	2
9	442	Commercial Private					
10		Area Lighting	2,290,509	265,077.97	0.1157	764	766
11	442	Industrial "P-2"	178,006,220	22,400,801.03	0.1258	62	62
12							
13		City of Taunton					
14							
15	444	"H"	14,919,353	2,356,087.11	0.1579	312	313
16	444	"P-1"					
17	444	"P-2"	12,678,320	1,699,519.13	0.1340	8	5
18		Street Lighting	4,729,821	492,319.03	0.1041	1	1
19	445	Flat Rate B	6,017	1,079.16	0.1794	1	1
20	445	Flat Rate R	191,782	24,072.95	0.1255	1	1
21	445	Flat Rate N.D.	109,745	9,249.28	0.0843	1	1
22	445	Flat Rate W.B.	1,417	253.92	0.1792	1	1
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
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39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49	<b>Total Sales to Ultimate Consumers</b>		<b>652,064,472</b>	<b>92,519,951.59</b>	<b>14.1888</b>	<b>37,003</b>	<b>37,200</b>

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	<b>Operation:</b>		
4	500 Operation Supervision and Engineering	547,157.65	(131,490.95)
5	501 Fuel	9,884,994.64	2,027,048.45
6	502 Steam Expenses	3,235,025.68	94,430.22
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	94,130.02	(5,838.17)
10	506 Miscellaneous Steam Power Expenses	754,635.17	23,334.37
11	507 Rents		
12	<b>Total Operation</b>	<b>14,515,943.16</b>	<b>2,007,483.92</b>
13	<b>Maintenance:</b>		
14	510 Maintenance Supervision and Engineering	446,940.43	(88,081.01)
15	511 Maintenance of Structure	380,804.01	116,839.42
16	512 Maintenance of Boiler Plant	822,944.85	235,394.07
17	513 Maintenance of Electric Plant	772,093.58	(742,273.03)
18	514 Maintenance of Miscellaneous Steam Plant	175,989.41	(350,511.75)
19	<b>Total Maintenance</b>	<b>2,598,772.28</b>	<b>(828,632.30)</b>
20	<b>Total Power Production Expenses - Steam Power</b>	<b>17,114,715.44</b>	<b>1,178,851.62</b>
21	<b>NUCLEAR POWER GENERATION</b>		
22	<b>Operation:</b>		
23	517 Operation Supervision and Engineering		
24	518 Fuel	69,322.98	(9,283.63)
25	519 Coolants and Water		
26	520 Steam Expenses		
27	521 Steam from other Sources		
28	522 Steam Transferred - Cr		
29	523 Electric Expenses		
30	524 Miscellaneous Nuclear Power Expenses	330,491.89	72,567.82
31	526 Other Nuclear Expenses		
32	<b>Total Operation</b>	<b>399,814.87</b>	<b>63,284.19</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>399,814.87</b>	<b>63,284.19</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>



**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
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 Generation 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 Structures		
21	553 Maintenance of Generating and Electric Plant		
22	554 Maintenance of Miscellaneous 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	39,468,173.64	(4,928,494.65)
27	556 System Control and Load Dispatching	5,780.29	427.39
28	557 Other Expenses	349,677.70	(28,953.27)
29	<b>Total Other Power Supply Expenses</b>	<b>39,823,631.63</b>	<b>(4,957,020.53)</b>
30	<b>Total Power Production Expenses</b>	<b>57,338,161.94</b>	<b>(3,714,884.72)</b>
31	<b>TRANSMISSION EXPENSES</b>		
32	<b>Operation:</b>		
33	560 Operation Supervision and Engineering	6,197.76	0.00
34	561 Load Dispatching	8,735.62	(794.08)
35	562 Station Expenses	394,607.47	131,124.67
36	563 Overhead Line Expenses	840.12	(3,239.88)
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	9,790,861.16	739,769.30
39	566 Miscellaneous Transmission Expenses	52,741.86	(53,189.46)
40	567 Rents	10,938.96	0.00
41	<b>Total Operation</b>	<b>10,264,922.95</b>	<b>813,670.55</b>
42	<b>Maintenance:</b>		
43	568 Maintenance Supervision and Engineering		
44	569 Maintenance of Structures		
45	570 Maintenance of Station Equipment	5,797.65	5,797.65
46	571 Maintenance of Overhead Lines	79,825.72	79,825.72
47	572 Maintenance of Underground Lines		
48	573 Maintenance of Miscellaneous Transmission Plant		
49	<b>Total Maintenance</b>	<b>85,623.37</b>	<b>85,623.37</b>
50	<b>Total Transmission Expenses</b>	<b>10,350,546.32</b>	<b>899,293.92</b>

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	<b>DISTRIBUTION EXPENSES</b>		
2	<b>Operation:</b>		
3	580 Operation Supervision and Engineering	197,112.37	(375.14)
4	581 Load Dispatching	331,113.74	(29,783.69)
5	582 Station Expenses	40,170.61	(1,296.65)
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses		(170.25)
8	585 Street Lighting and Signal Systems Expenses		
9	586 Meter Expenses	674,056.22	55,283.54
10	587 Customer Installations Expenses	33.88	33.88
11	588 Miscellaneous Distribution Expenses	568,251.74	(29,099.54)
12	589 Rents		(455.52)
13	<b>Total Operation</b>	<b>1,810,738.56</b>	<b>(5,863.37)</b>
14	<b>Maintenance:</b>		
15	590 Maintenance Supervision and Engineering	686,280.91	23,470.33
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	173,138.22	(47,288.75)
18	593 Maintenance of Overhead Lines	2,219,324.93	(1,136,990.65)
19	594 Maintenance of Underground Lines	462,197.25	(84,437.54)
20	595 Maintenance of Line Transformers	232,859.35	(155,592.85)
21	596 Maintenance of Street Lighting and Signal Systems	200,117.58	(40,845.66)
22	597 Maintenance of Meters		
23	598 Maintenance of Miscellaneous Distribution Plant	95.00	134.63
24	<b>Total Maintenance</b>	<b>3,974,013.24</b>	<b>(1,441,550.49)</b>
25	<b>Total Distribution Expenses</b>	<b>5,784,751.80</b>	<b>(1,447,413.86)</b>
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	<b>Operation:</b>		
28	901 Supervision	546,794.32	17,314.31
29	902 Meter Reading Expenses	615,258.78	37,249.97
30	903 Customer Records and Collection Expenses	2,367,465.54	(42,975.70)
31	904 Uncollectible Accounts	130,210.76	(21,470.17)
32	906 Miscellaneous Customer Accounts Expenses	11,200.00	0.00
33	<b>Total Customer Accounts Expenses</b>	<b>3,670,929.40</b>	<b>(9,881.59)</b>
34	<b>SALES EXPENSES</b>		
35	<b>Operation:</b>		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	80,999.37	20,134.20
38	913 Advertising Expenses	25,692.06	20,144.53
39	916 Miscellaneous Sales Expenses	15,494.40	0.00
40	<b>Total Sales Expenses</b>	<b>122,185.83</b>	<b>40,278.73</b>
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	<b>Operation:</b>		
43	920 Administrative and General Salaries	2,172,857.32	258,726.45
44	921 Office Supplies and Expenses	82,173.18	1,996.46
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	437,443.20	192,281.74
47	924 Property Insurance	797,399.00	271,526.00
48	925 Injuries and Damages	320,387.25	(121,572.67)
49	926 Employee Pensions and Benefits	170,441.48	1,668,916.29
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	844,514.43	112,392.68
54	931 Rents	(128,856.00)	0.00
55	933 Transportation Expenses	167,258.76	(142,458.94)

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	<b>Total Operation</b>	<b>4,863,618.62</b>	<b>2,241,808.01</b>
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES-Continued</b>	4,863,618.62	2,241,808.01
2	<b>Maintenance:</b>		
3	932 Maintenance of General Plant	812,876.26	182,628.51
	935 Maintenance of Gen Plant & Information Systems	1,528,458.06	282,678.72
4	<b>Total Administrative and General Expenses</b>	<b>7,204,952.94</b>	<b>2,707,115.24</b>
5	<b>Total Electric Operation and Maintenance Expenses</b>	<b>84,471,528.23</b>	<b>(1,525,492.28)</b>

**SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Functional Classification	Operation	Maintenance	Total
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	14,515,943.16	2,598,772.28	17,114,715.44
9	Nuclear Power	399,814.87	0.00	399,814.87
10	Hydraulic Power	0.00	0.00	0.00
11	Other Power	39,823,631.63		39,823,631.63
12	Other Power Supply Expenses			
13	<b>Total Power Production Expenses</b>	<b>54,739,389.66</b>	<b>2,598,772.28</b>	<b>57,338,161.94</b>
14	Transmission Expenses	10,264,922.95	85,623.37	10,350,546.32
15	Distribution Expenses	1,810,738.56	3,974,013.24	5,784,751.80
16	Customer Accounts Expenses	3,670,929.40		3,670,929.40
17	Sales Expenses	122,185.83		122,185.83
18	Administrative and General Expenses	4,863,618.62	2,341,334.32	7,204,952.94
19	<b>Total Electric Operation and</b>			
20	<b>Maintenance Expenses</b>	<b>75,471,785.02</b>	<b>8,999,743.21</b>	<b>84,471,528.23</b>

21	<b>Ratio of Operating Expenses to Operating Revenues</b>	<b>89.15%</b>
22	<b>Total Salaries and Wages of electric Department for Year, including Amounts Charged to Operating Expenses, Construction and other Accounts.</b>	<b>16,538,227.38</b>
23	<b>Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)</b>	<b>152</b>

## ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	<b>SOURCES OF ENGERY</b>		
2	Generation (excluding station use):		
3	Steam		142,610,000
4	Nuclear		10,198,880
5	Hydro		
6	Other		
7	<b>Total Generation</b>		<b>152,808,880</b>
8	Purchases		
9		In (gross) 545,516,243	
10	Interchanges	Out (gross)	545,516,243
11		Net (kWh)	
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	<b>TOTAL</b>		<b>698,325,123</b>
16	<b>DISPOSITION OF ENERGY</b>		
17	Sales to ultimate consumers (including interdepartmental sales)		652,064,472
18	Sales for Resale		18,402,084
19	Energy furnished without charge		4,953,522
20	Energy used by the company (excluding station use):		
21	Electric Department only		
22	Energy Losses:		
23	Transmission and conversion losses		
24	Distribution Losses		
25	Unaccounted for losses		
26	<b>Total Energy Losses</b>		<b>22,905,045</b>
27	Energy Losses as percent of total on line 15	3.28%	
28	<b>TOTALS</b>		<b>698,325,123</b>

## MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	114,520	Wednesday	7	7:00 PM	60 MIN	63,726,750
30	FEBRUARY	106,610	Tuesday	11	7:00 PM	60 MIN	56,242,530
31	MARCH	105,850	Thursday	3	7:00 PM	60 MIN	59,780,640
32	APRIL	89,180	Tuesday	15	8:00 PM	60 MIN	51,706,700
33	MAY	88,730	Friday	12	9:00 PM	60 MIN	51,890,580
34	JUNE	119,860	Monday	30	6:00 PM	60 MIN	57,734,490
35	JULY	133,330	Friday	8	5:00 PM	60 MIN	69,453,450
36	AUGUST	126,070	Wednesday	5	7:00 PM	60 MIN	62,824,887
37	SEPTEMBER	138,530	Wednesday	2	6:00 PM	60 MIN	57,275,821
38	OCTOBER	97,060	Monday	15	8:00 PM	60 MIN	53,367,750
39	NOVEMBER	100,170	Monday	26	8:00 PM	60 MIN	54,712,193
40	DECEMBER	109,390	Tuesday	8	7:00 PM	60 MIN	59,609,332
41						<b>Total</b>	<b>698,325,123</b>

## GENERATING STATION STATISTICS

Line No.	Item	Plant W. Water Street	Plant Cleary-Flood	Plant Cleary-Flood
1	Kind of Plant (Steam, Hydro, int. comb., gas turbine)	Steam	Steam	Combine Cycle
2	Type of Plant Construction (Conventional, outdoor Boiler, full outdoor, etc.)	Conventional	Conventional	Steam-Gas Turbine
3	Year Originally Constructed	1902	1966	1971
4	Year last unit was installed	1958	1966	1976
5	Total Installed capacity (maximum generator name plate ratings in kw)	13,500	28,300	110,000
6	Net peak demand on plant-kilowatts (60 min.)		26,000	110,000
7	Plant hours connected to load		232	749
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water	10,000	25,000	110,000
10	(b) When limited by condenser water	7,500	25,000	103,000
11	Average number of employees		38	38
12	Net generation, exclusive of station use		5,098,400	4,842,200
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	150,073	584,006
15	Structures and Improvements	9,329,151	2,866,451	7,661,739
16	Reservoirs, dams and waterways			
17	Equipment costs	5,264,919	7,654,236	58,923,183
18	Roads, railroads, and bridges			
19	Total Cost	14,618,243	10,670,760	67,168,928
20	Cost per kw of installed capacity	1,083	377	611
21	Production Expenses:			
22	Operation Supervision and Engineering		161,726	353,260
23	Station Labor		944,301	3,025,524
24	Fuel		1,003,479	981,985
25	Supplies and expenses, including water		2,592	148,789
26	Maintenance	43,594	577,846	1,628,010
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	43,594	2,689,944	6,137,568
31	Expenses per net KWH (5 places)		0.52761	1.26752
32	Fuel: Kind			
33	Unit:(Coal-tons of 2,000 lb.) (Oil barrels of 42 gals) (Gas-M cu. ft.) Nuclear, indicate)		No. 6 and No. 2 Oil Bbls.	No. 6 and No. 2 Oil Bbls.
34	Quantity (units) of fuel consumed		10,437.90	9,309.00
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		2,166	1,126
36	Average cost of fuel per unit, del. f.o.b. plant		96.1380163	105.4877001
37	Average cost of fuel per unit consumed		96.1380163	105.4877001
38	Average cost of fuel consumed per million B.t.u.		1,056.7917062	2,229.9224297
39	Average cost of fuel consumed per kwh net gen.		0.1968223	0.2027973
40	Average B.t.u. per kwh net generation		186	91
41				
42				

GENERATING STATION STATISTICS

Plant (e)	Plant (f)	Plant (g)	Plant (i)	Plant (j)	Line No.
					1
					2
					3
					4
					5
					6
					7
					8
					9
					10
					11
	108,283,580				12
					13
					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
	7,559,056				24
					25
					26
					27
					28
					29
	7,559,056				30
	0.06981				31
Natural Gas					32
MCU ft.					33
					34
	1,422,544				35
					36
	5.31				36
	5.31				37
	0.0037354				37
	0.0698080				38
					38
	0				39
					40
					41
					42

Note: All Cost Figures included under column D

## STEAM GENERATING STATIONS

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Kind of Fuel and Method of Firing (d)	BOILERS		Rated Max. Continuous M lbs. Steam per hour (g)
					Rated Pressure in lbs. (e)	Rated Steam Temperature (f)	
1	Cleary - Flood	1314 Somerset Taunton, MA	1 1966	Oil Auto	850	900	300
2							
3							
4							
5	Cleary - Flood	1314 Somerset Taunton, MA	1 1975	Oil Auto	1800	1000/1000	557
6							
7							
8							
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37							

**STEAM GENERATING STATIONS**

Year Installed (h)	Type (i)	Steam Pressure Throttle (j)	R.P.M. (k)	At Minimum Hydrogen Pressure (l)	At Minimum Hydrogen Pressure (m)	Min. (n)	Max. (o)	Power Factor (p)	Voltage (q)	Station Capacity Maximum Name Plate Ratings (r)	Line No.
1966	S.C. 1" HG ABS	850	3600	22,000	28,300	PSIG 0.5	PSIG 30	85	13800	28,300	1
											2
											3
											4
1975	T.C. 1.5" H C ABS	1,800	3600		90,000	PSIG 0.5	PSIG 30	85	13800	90,000	5
											6
											7
											8
											9
											10
											11
<p>Note A: 7500 KW No. 3 unit not operated since 1974. Unit is considered inefficient and unreliable.</p>											
<p>Note B: Other units listed above at West Water Street Generation Station Have not operated since October 31, 1978. None of the units at West Water Street have been retired from the books. These units will remain inactive and future retirement of these units or reactivity cannot be determined at this time.</p>											
<p>TOTALS 118,300</p>											
										118,300	37



**COMBUSTION ENGINE AND OTHER GENERATING STATIONS**

## PRIME MOVERS

Line No.	Name of Station (a)	Location of Station (b)	Diesel other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Cleary - Flood	1314 Somerset Ave Taunton, Ma	Gas Turbine	General Electric	1976		Direct
2							
3							
4							
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## COMBUSTION ENGINE AND OTHER GENERATING STATIONS-Continued

## PRIME MOVERS-Continued

Rated hp. of unit (h)	Total Rated hp. of Station Prime movers (i)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency on d.c. (m)	Name Plate Rating of unit in Kilowatts (n)	Number of units in Station (o)	Total Installed Generating Capacity in Kilowatts (p)	Line No.
36,180	36,180	1976	13.80	3	60HZ	26,100	1	26100	1
									2
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									38
									39
						TOTALS	26,100	1	26,100

## TRANSMISSION LINE STATISTICS

Line No.	Designation		Operating Voltage (c)	Type Of Supporting Structure (d)	Length (pole miles)			Size of Conductor and Materials (h)
	From (a)	To (b)			On Structure Line Designated (e)	On Structure Another Line (f)	Number of Circuits (g)	
1	Gen St # 2	Switch Sta 2	115 KV	Sp. Wd. St	0.91	NONE	1	795 A
2	(Cleary-Flood)							
3								
4	Gen St # 2	Switch Sta 2	115 KV	Wood Poles	0.91	NONE	1	795 A
5	(Cleary-Flood)							
6								
7	Gen St # 2	Substa. # 16	115 KV	Wood Poles	1.27	NONE	1	795 A
8								
9	Gen St # 2	Substa. # 16	115 KV	Wood Poles	1.27	NONE	1	795 A
10								
11	Switching Structure	Substa. # 18	115 KV	Steel Tower	2.63	NONE	2	795 A
12								
13	E.R. Right of Way							
14								
15	Switching	Substa. # 18	115 KV	Wood Poles	1.13	NONE	2	795 A
16								
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18								
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46								
47		<b>TOTALS</b>			<b>8.12</b>	<b>0</b>	<b>8</b>	

**SUBSTATIONS**

Line No.	Name and Location of Station (a)	Character of Substation (b)	Primary (c)	Secondary (d)	Tertiary (e)	Capacity of Substation in kva (In Service) (f)	Number of Transformers (In Service) (g)	Number of Spare Transformers (h)	
1	Cleary-Flood Sta.	Dist Attended	115	13.8		25,000	1	0	
2	Cleary-Flood Sta.	Transm Attended	14	115		90,000	1	0	
3	West Water Street	Dist. Unattended	115	13.8		50,000	2	0	
4									
5	8 Substations (each under 5,000 KVA)								
6	Whittenton Junction	Dist. Unattended	14	2.4		33,000	8	0	
7	(Substation # 18)	Dist. Unattended	115	13.8		55,000	2	0	
8									
9									
10	Substation #20	Dist. Unattended	115	14		60,000	2	0	
11									
12									
13									
14									
15									
16									
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30									
31									
32									
			<b>TOTALS</b>				<b>313,000</b>	<b>16</b>	<b>0</b>

## OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	534.05		534.05
2	Added During Year	1.61		1.61
3	Retired During Year	0.70		0.70
4	<b>Miles - End of Year</b>	<b>534.96</b>		<b>534.96</b>
5				
6				
7				
8	Distribution System Characteristics - A.C. or D. C. phase, cycles and operating voltages for Light & Power			
9	60 HZ A.C. primary 4160V Secondary 30 3 Wire 240/480/600V			
10	30 4 Wire 120/208V			
11	10 120/240V			
12	60 HZ A.C. primary 13.8V Secondary 30 4 Wire 120/208V			
13	30 4 Wire 277/480V			
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	24,088	39,071	7,648	321,972.00
17	Additions during year:				
18	Purchased				
19	Installed	235	320	104	4,240.00
20	Assoc. with utility plant acquired				
21	<b>Total Additions</b>	<b>235</b>	<b>320</b>	<b>104</b>	<b>4,240.00</b>
22	Reductions during year:				
23	Retirements	128	1,971	76	2,045.00
24	Assoc. with utility plant sold				
25	<b>Total Reductions</b>	<b>128</b>	<b>1,971</b>	<b>76</b>	<b>2,045.00</b>
26	<b>Number at End of Year</b>	<b>24,195</b>	<b>37,420</b>	<b>7,676</b>	<b>324,167.00</b>
27	In Stock		240		
28	Locked meters on customers' permises		112		
29	Inactive transformers on system				
30	In customers' use		37,035		
31	In company use		33		
32	<b>Number at End of Year</b>	<b>0</b>	<b>37,420</b>	<b>0</b>	<b>0.00</b>

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**CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE (Distribution System)**


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Line No.	Designation of Underground Distribution Systems (a)	Underground Cable		Submarine Cable	
		Miles of Conduit Bank (All Sizes and Types) (b)	Miles (c)	Operating Voltage (d)	Operating Voltage (f)
1		1.70	3.34 3-1/C	4160V	
2	Feeder 204.1 204.2 204.3	2.57	4.64 3-1/C	4160V	
3	Feeder 304.1 304.2 304.3	0.08	0.14 3-1/C	4160V	
4	Feeder 504.2 504.3	0.10	0.25 3-1/C	4160V	
5	Feeder 804.1 804.2	0.05	0.07 3-1/C	4160V	
6	Feeder 904.1 904.2	0.10	0.16 3-1/C	4160V	
7	Feeder 1004.1 1004.2	0.79	0.88 3-1/C	4160V	
8	Feeder 1204.1 1204.2 1204.3	0.15	0.23 3-1/C	4160V	
9	Feeder 1304.1 1304.2 1304.3	0.22	0.37 3-1/C	4160V	
10	Feeder 214.N1	0.75	0.75 3-1/C	13800V	
11	Feeder 214.N2	0.11	0.08 3-1/C	13800V	
12	Feeder 214.N4	0.88	1.36 3-1/C	13800V	
13	Feeder 214.31	1.04	1.18 3-1/C	13800V	
14	Feeder 514.71	0.53	0.82 3-1/C	13800V	
15	Feeder 814.121	0.25	0.25 3-1/C	13800V	
16	Feeder 1614.11	0.15	0.15 3-1/C	13800V	
17	Feeder 1614.21	1.78	1.78 3-1/C	13800V	
18	Feeder 1614.22	1.75	1.75 3-1/C	13800V	
19	Feeder 1614.24	1.75	1.75 3-1/C	13800V	
20	Feeder 1614.31	1.38	1.62 3-1/C	13800V	
21	Feeder 1614.32	0.08	0.08 3-1/C	13800V	
22	Feeder 1614.41	0.09	0.09 3-1/C	13800V	
23	Feeder 1614.51	0.28	3.76 3-1/C	13800V	
24	Feeder 1614.ET1	0.57	0.57 3-1/C	13800V	
25	Feeder 1614.H1	1.25	1.79 3-1/C	13800V	
26	Feeder 2G14.31	0.03	4.95 3-1/C	13800V	
27	Feeder 2G14.32	0.03	0.03 3-1/C	13800V	
28	Feeder 2G14.42	3.62	2.12 3-1/C	13800V	
29	Feeder 2G14.81	0.10	0.10 3-1/C	13800V	
30	Feeder 2G14.PH	0.10	0.10 3-1/C	13800V	
31					
32					
33					
34					

Cont.

TOTALS

**CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE (Distribution System)**

Line No.	Designation of Underground Distribution Systems (a)	Underground Cable		Submarine Cable		
		Miles of Conduit Bank (All Sizes and Types) (b)	Miles (c)	Operating Voltage (d)	Feet (e)	Operating Voltage (f)
1	Feeder 1814.31	0.11	0.11	3-1/C		13800V
2	Feeder 1814.32	0.50	0.50	3-1/C		13800V
3	Feeder 1814.51	0.11	0.11	3-1/C		13800V
4	Feeder 1814.52	0.11	0.11	3-1/C		13800V
5	Feeder 1814.1P1	1.02	3.51	3-1/C		13800V
6	Feeder 1814.1P2	2.09	3.30	3-1/C		13800V
7	Feeder 1814.1P3	3.39	0.82	3-1/C		13800V
8	Feeder 1814.1P4	0.50	0.51	3-1/C		13800V
9	Feeder 2014.2	0.11	0.11	3-1/C		13800V
10	Feeder 2014.4	0.11	0.11	3-1/C		13800V
11	Feeder 2014.7	0.21	0.21	3-1/C		13800V
12	Feeder 2014.9	0.21	0.21	3-1/C		13800V
13	Feeder 2014.11	1.00	1.00	3-1/C		13800V
14	13.8 KV Service	0.87	1.02	3-1/C		13800V
15	Network Primary	1.36	4.71	3-1/C		13800V
16	Network Secondary	5.40	7.35	3-1/C		13800V
17	Feeder 2014.5	0.21	0.21	3-1/C		13800V
18	Feeder 2014.6	0.21	0.21	3-1/C		13800V
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34						
<b>TOTALS</b>		<b>39.80</b>	<b>59.27</b>			

## STREET LAMPS CONNECTED TO SYSTEM

Line No.	City of Town (a)	Total (b)	Incandescent		Mercury Vapor		Fluorescent		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1										
2	Taunton	7,260	4	1	662	165			5,667	761
3										
4										
5	Raynham	690	57	3	35	62			273	260
6										
7										
8	North Dighton	177			106	3			32	36
9										
10										
11										
12	Berkley	157				14			17	126
13										
14										
15										
16	Lakeville	6				2				4
17										
18										
19	Bridgewater	4							4	
20										
21										
22										
23										
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25										
26										
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43										
44										
45	Totals	8,294	61	4	803	246	0	0	5,993	1,187



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**RATE SCHEDULE INFORMATION**

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Date Effective	M.D.P.U Number	Rate Schedule	<u>Estimated Effect on Annual Revenues</u>	
			Increases	Decreases

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See sheets following

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THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

*Kenneth Fowler*

MANAGER OF ELECTRIC LIGHT

*Mark E. Beckwith Sr.*

SELECTMEN  
OR  
MEMBERS  
OF THE  
MUNICIPAL  
LIGHT  
BOARD

*Peter H. Carr*

*Joseph M. Martin*