

MUNICIPAL LIGHTING PLANTS

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

CITY

Of

TAUNTON

TO THE

**DEPARTMENT OF PUBLIC UTILITIES**

FOR THE YEAR ENDED DECEMBER 31,

2011

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

CITY

Of

TAUNTON

**DEPARTMENT OF PUBLIC UTILITIES**

FOR THE YEAR ENDED DECEMBER 31,

2011

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

**Michael J. Horrigan**

Official title **General Manager**

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



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

	<u>AMOUNT</u>
INCOME FROM PRIVATE CONSUMERS:	
1 From sales of gas	
2 From sales of electricity	\$92,575,445
3 TOTAL	\$92,575,445
4	
EXPENSES:	
6 For operation, maintenance and repairs	88,850,457
7 For interest on bond, notes or scrip	200,281
8 For depreciation fund (2% on \$ 198,115,094.40) page 8B-9A	3,962,302
9 For sinking fund requirements	
10 For note payments	
11 For bond payments	725,000
12 For loss in preceding year	
13 TOTAL	93,738,040
14	
COSTS:	
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	3,173,591
19 Of electricity to be used for street lights	917,471
20 Total of the above items to be included in the tax levy	
21	
22 New construction to be included in the tax levy	
23 Total amounts to be included in the tax levy	TOTAL 4,091,062

**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.

City of Town	Number of Customer	City or Town	Number of Customer's Meters
		Raynham, Town of	6,195
		Berkley, Town of	2,505
		Lakeville, Town of	250
		N. Dighton, Town of	462
		Taunton, City of	27,087
		Bridgewater, Town of	17
		TOTAL	36,516

**APPROPRIATIONS SINCE BEGINNING OF YEAR**

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

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## 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	\$	917,471
2. Municipal Buildings	\$	3,173,591
3.		

**TOTAL \$ 4,091,062**

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**CHANGES IN THE PROPERTY**

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

In electric property:

In gas property:

**BONDS**

(Issued on account of Gas or Electric Lighting)

When Authorized	Date of Issue	Amount Of Original Issue	Period of Payments		Interest Rate	When Payable	Amount Outstanding at end of year
			Amounts	When Payable			
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	300,000					
May 27, 1975	Feb 1, 1976	24,000,000					
October 19, 2009	June 15, 2010	7,250,000					
			Variable Principal and Interest payments				
			See detail attached				6,525,000
	TOTAL	40,365,500					6,525,000

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 Amounts	When Payable	Rate	Interest When Payable	Amount Outstanding at end of year
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. 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	751,160.30	2,185.01				753,345.31
8	311 Structures and Improvements	17,449,606.18	480,095.57				17,929,701.75
9	312 Boiler Plant Equipment	30,780,694.38	55,564.21				30,836,258.59
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	21,604,688.16	68,485.45				21,673,173.61
12	315 Accessory Electric Equipment	2,759,672.69	3,800.00				2,763,472.69
13	316 Miscellaneous Power Plant Equipment	1,079,279.55	1,605.70				1,080,885.25
14							
15	<b>Total Steam Production Plant</b>	<b>74,459,775.59</b>	<b>611,735.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>75,071,511.53</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	99,593.30	(5,029.17)				94,564.13
23	<b>Total Nuclear Production Plant</b>	<b>1,119,526.20</b>	<b>(5,029.17)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,114,497.03</b>



## TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
<b>10</b>	<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 acces's	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>76,798,185.49</b>	<b>606,706.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>77,404,892.26</b>
<b>21</b>	<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	2,483,761.31	6,830.70				2,490,592.01
26	354 Towers and Fixtures	913,974.86	11,679.79				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>7,283,793.97</b>	<b>18,510.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,302,304.46</b>

## TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
<b>4. DISTRIBUTION PLANT</b>							
1	360 Land and Land Rights	352,787.78					352,787.78
2	361 Structures and Improvements	1,010,677.45					1,010,677.45
3	362 Station Equipment	9,463,234.32	187,791.91				9,651,026.23
4	363 Storage Battery Equipment	3,312.82					3,312.82
5	364 Poles, Towers, and Fixtures	9,621,806.98	204,185.74				9,825,992.72
6	365 Overhead Conductors and Devices	17,982,966.07	1,062,367.20				19,045,333.27
7	366 Underground Conduit	4,240,810.40	138,302.13				4,379,112.53
8	367 Underground Conductors and Devices	8,305,142.45	502,544.13				8,807,686.58
9	368 Line Transformers	14,329,242.24	1,285,813.67				15,615,055.91
10	369 Services	2,080,197.47	84,299.12				2,164,496.59
11	370 Meters	3,532,698.72	93,226.22				3,625,924.94
12	371 Installations on Cust Premises	31,801.47					31,801.47
13	372 Leased Prop on Cust's Premises	3,936,812.66					3,936,812.66
14	373 Street Lighting and Signal Systems	2,976,895.31	202,724.47				3,179,619.78
15							
16	<b>Total Distribution Plant</b>	<b>77,868,386.14</b>	<b>3,761,254.59</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>81,629,640.73</b>
<b>5. GENERAL PLANT</b>							
17	389 Land and Land Rights	427,872.78					427,872.78
18	390 Structures and Improvements	5,978,913.48	183,610.19				6,162,523.67
19	391 Office Furniture and Equipment	8,131,113.64	62,591.98				8,193,705.62
20	392 Transportation Equipment	2,432,474.21	416,219.42	(257,091.50)			2,591,602.13
21	393 Stores Equipment	207,414.79					207,414.79
22	394 Tools, Shop and Garage Equipment	61,174.77	2,966.12				64,140.89
23	395 Laboratory Equipment	15,972.76					15,972.76
24	396 Power Operated Equipment	30,078.08					30,078.08
25	397 Communication Equipment	12,466,341.65	768,423.19				13,234,764.84
26	398 Miscellaneous Equipment	199,869.39	17,078.75				216,948.14
27	399 Other Tangible Property	647,691.00					647,691.00
28							
29	<b>Total General Plant</b>	<b>30,598,916.55</b>	<b>1,450,889.65</b>	<b>(257,091.50)</b>	<b>0.00</b>	<b>0.00</b>	<b>31,792,714.70</b>
30	<b>Total Electric Plant in Service</b>	<b>192,549,282.15</b>	<b>5,837,361.50</b>	<b>(257,091.50)</b>	<b>0.00</b>	<b>0.00</b>	<b>198,129,552.15</b>
31							<u>198,129,552.15</u>
32							
33							<u>2,527,020.37</u>
34							<u>195,602,531.78</u>

Total Cost of Electric Plant

Less Cost of Land, Land Rights, Rights of Way

Total Cost Upon which Depreciation is based

**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)	73,839,468.24	74,620,144.72	780,676.48
3	101 Utility Plant-Gas (pg 20)			
4				
5	<b>Total Utility Plant</b>	<b>73,839,468.24</b>	<b>74,620,144.72</b>	<b>780,676.48</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	632,598.57	713,548.64	80,950.07
11	1205 Amortization of Nuclear Fuel	(788,519.89)	(851,718.37)	63,198.48
12	121 Non Utility Property	0.00		0.00
13	126 Depreciation Fund (pg 14)	4,308,817.75	14,308,817.75	10,000,000.00
14	128 Other Sepcial Funds	267,353.17	212,355.43	(54,997.74)
15	<b>Total Funds</b>	<b>4,718,384.05</b>	<b>14,681,137.90</b>	<b>9,962,753.85</b>
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash	14,711,626.14	10,954,654.25	(3,756,971.89)
18	132 Special Deposits	1,175,738.64	1,303,656.55	127,917.91
19	133 Restricted Cash			
20	134 Other Special Deposits	1,458,891.19	1,881,922.57	423,031.38
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	10,737,055.08	9,076,852.67	(1,660,202.41)
24	143 Other Accounts Receivable	452,793.23	383,020.73	(69,772.50)
25	146 Receivables from Municipality	1,903.43	2,790.46	887.03
26	151 Materials and Supplies (pg 14)	4,776,665.41	4,195,211.80	(581,453.61)
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	1,628,415.32	1,448,807.95	(179,607.37)
30	174 Miscellaneous Current Assets	240,389.07	403,282.00	162,892.93
31	<b>Total Current Assets</b>	<b>35,187,177.51</b>	<b>29,653,898.98</b>	<b>(5,533,278.53)</b>
32	<b>DEFERRED DEBITS</b>			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	10,294.23		(10,294.23)
36	185 Other Deffered Debits	(123.69)	(123.69)	0.00
37	<b>Total Deferred Debits</b>	<b>10,170.54</b>	<b>(123.69)</b>	<b>(10,294.23)</b>
38				
39	<b>Total Assets and Other Debits</b>	<b>88,244,017.70</b>	<b>118,955,057.91</b>	<b>30,711,040.21</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	33,117,000.00	33,842,000.00	725,000.00
6	207 Appropriation for Construction Repayments	(32,433.98)	32,433.98	64,867.96
7	208 Unappropriated Earned Surplus (pg 12)	59,182,145.08	63,965,421.34	4,783,276.26
8	<b>Total Surplus</b>	<b>92,266,711.10</b>	<b>97,839,855.32</b>	<b>5,573,144.22</b>
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	7,250,000.00	6,525,000.00	(725,000.00)
11	229 Accumlated Provision for rate refunds	2,000,000.00	2,000,000.00	0.00
12	231 Notes Payable (pg 7)			0.00
13	<b>Total Bonds and Notes</b>	<b>2,000,000.00</b>	<b>8,525,000.00</b>	<b>6,525,000.00</b>
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	6,013,304.12	5,288,885.25	(724,418.87)
16	234 Payables to Municipality	3,967,241.71	4,975,743.81	1,008,502.10
17	235 Customer's Deposits	1,107,469.69	1,241,108.67	133,638.98
18	236 Taxes Accrued			
19	237 Interset Accrued	24,026.48	18,392.17	(5,634.31)
20	241 Tax Collections Payable	66,321.03	64,047.27	(2,273.76)
21	242 Misc Current and Accrued Liabilities	(817,002.51)	(520,609.37)	296,393.14
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>10,525,715.95</b>	<b>11,231,923.23</b>	<b>706,207.28</b>
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt			
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	29,408.49	30,236.49	828.00
29	<b>Total Deferred Credits</b>	<b>29,408.49</b>	<b>30,236.49</b>	<b>828.00</b>
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	1,654,727.44	1,299,405.51	(355,321.93)
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>1,654,727.44</b>	<b>1,299,405.51</b>	<b>(355,321.93)</b>
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	28,637.36	28,637.36	0.00
39	<b>Total Liabilities and Other Credits</b>	<b>106,505,200.34</b>	<b>118,955,057.91</b>	<b>12,449,857.57</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.....\$	83,127,976
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)	96,937,555.87	(4,010,165.35)
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	74,119,711.16	(3,351,184.85)
5	402 Maintenance Expenses (p. 42 and 47)	8,538,953.07	(141,450.42)
6	403 Depreciation Expenses	5,687,774.03	476,656.16
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	<b>Total Operating Expenses</b>	<b>88,346,438.26</b>	<b>(3,015,979.11)</b>
11	<b>Operating Income</b>	<b>8,591,117.61</b>	<b>(994,186.24)</b>
12	414 Other Utility Operating Income (p. 50)		
13			
14	<b>Total Operating Income</b>	<b>8,591,117.61</b>	<b>(994,186.24)</b>
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	3,000.00	(154.45)
18	421 Miscellaneous Non-Operating Income	24,799.92	27,226.23
19	<b>Total Other Income</b>	<b>27,799.92</b>	<b>27,071.78</b>
20	<b>Total Income</b>	<b>8,618,917.53</b>	<b>(967,114.46)</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>8,618,917.53</b>	<b>(967,114.46)</b>
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	220,226.92	93,430.92
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>220,226.92</b>	<b>93,430.92</b>
33	<b>NET INCOME</b>	<b>8,398,690.61</b>	<b>(1,060,545.38)</b>

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**EARNED SURPLUS**

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Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		56,281,145.08
35			
36	Adjustments for Previous Periods		
37	433 Balance Transferred from Income		8,398,690.61
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)	61,779,835.69	
43			
44		<b>TOTALS</b>	
		64,679,835.69	64,679,835.69

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

Line No.	Items	Amount
1	Operation Fund	10,954,654.25
2	Interest Fund	63,172.06
3	Bond Fund	
4	Restricted Fund	
5	Customer Deposit	1,240,484.49
6	Petty Cash Fund	3,700.00
7	Special Deposits	1,881,922.57
8		
9		
10		
11		
12	<b>TOTAL</b>	<b>14,143,933.37</b>

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

		Electric	Gas
13	Fuel (Account 151) (See Schedule, p.25)	1,918,983.60	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	2,276,228.20	
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>4,195,211.80</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			

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**DEPRECIATION FUND ACCOUNT (ACCOUNT 126)**

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<u>DEBITS</u>	<u>AMOUNT</u>
BALANCE ON ACCOUNT AT BEGINNING OF YEAR	\$4,308,817.75
INCOME DURING YEAR FROM BALANCE ON DEPOSIT	
AMOUNT TRANSFERRED FROM INCOME	
AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES	\$10,000,000.00
AMOUNT TRANSFERRED FOR RESERVE FOR UNIT 9 PRINCIPAL AND INTEREST PAYMENTS	
<b>TOTAL</b>	<b>\$14,308,817.75</b>
 <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	\$14,308,817.75
<b>TOTAL</b>	<b>\$14,308,817.75</b>



## 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	751,160.30	2,185.01				753,345.31
8	311 Structures and Improvements	6,479,677.61	480,095.57	384,658.68			6,575,114.50
9	312 Boiler Plant Equipment	5,548,581.80	55,564.21	554,585.91			5,049,560.10
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	3,200,680.09	66,485.45	307,113.21			2,960,052.33
12	315 Accessory Electric Equipment	29,848.14	3,800.00	1,334.60			32,313.54
13	316 Miscellaneous Power Plant Equipment	153,489.92	1,605.70	18,043.22			137,052.40
14							
15	<b>Total Steam Production Plant</b>	<b>16,198,112.19</b>	<b>609,735.94</b>	<b>1,265,735.62</b>	<b>0.00</b>	<b>0.00</b>	<b>15,542,112.51</b>
16	<b>B. Nuclear Production Plant</b>						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	856,543.30		163,389.71			693,153.59
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	99,593.30	(5,029.17)				94,564.13
23	<b>Total Nuclear Production Plant</b>	<b>956,136.60</b>	<b>(5,029.17)</b>	<b>163,389.71</b>	<b>0.00</b>	<b>0.00</b>	<b>787,717.72</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	26,332.51		5,269.39			21,063.12
12	340 Land and Land Rights						
13	341 Structures and Improvements						
14	342 Fuel holders, prod., and acces's	53,234.57		5,115.09			48,119.48
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>79,567.08</b>	<b>0.00</b>	<b>10,384.48</b>	<b>0.00</b>	<b>0.00</b>	<b>69,182.60</b>
20	<b>Total Production Plant</b>	<b>17,233,815.87</b>	<b>604,706.77</b>	<b>1,439,509.81</b>	<b>0.00</b>	<b>0.00</b>	<b>16,399,012.83</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	1,080.94		541.21			539.73
25	353 Station Equipment	68,336.15	6,830.70	3,509.25			71,657.60
26	354 Towers and Fixtures		11,679.79	1.28			11,678.51
27	355 Poles and Fixtures	240,177.12		84,500.58			155,676.54
28	356 Overhead Conductors and Devices	103,791.69		42,695.02			61,096.67
29	357 Underground Conduit	2,720.86		137.92			2,582.94
30	358 Underground Conductors and Devices						
31	359 Roads and Trails						
32	<b>Total Transmission Plant</b>	<b>632,191.80</b>	<b>18,510.49</b>	<b>131,385.26</b>	<b>0.00</b>	<b>0.00</b>	<b>519,317.03</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	306,977.15		34,247.79			272,729.36
4	362 Station Equipment	3,778,280.98	187,791.91	297,565.36			3,668,507.53
5	363 Storage Battery Equipment	1,236.04		138.86			1,097.18
6	364 Poles, Towers, Fixtures	3,186,842.74	204,185.74	238,755.05			3,152,273.43
7	365 Overhead Conductors and Devices	9,278,460.72	1,062,367.20	642,951.03			9,697,876.89
8	366 Underground Conduit	858,211.68	138,302.13	84,926.26			911,587.55
9	367 Underground Conductors and Devices	4,461,981.47	502,544.13	250,799.75			4,713,725.85
10	368 Line Transformers	7,638,450.49	1,285,813.67	485,911.54			8,438,352.62
11	369 Services	1,066,582.38	84,299.12	70,655.80			1,080,225.70
12	370 Meters	893,316.28	93,226.22	76,585.90			909,956.60
13	371 Installations on Cust Premises	27,328.71		1,366.62			25,962.09
14	372 Leased Prop. on Cust's Premises						
15	373 Street Lighting and Signal Systems	1,272,829.68	202,724.47	80,360.04			1,395,194.11
<b>16</b>	<b>Total Distribution Plant</b>	<b>33,123,286.10</b>	<b>3,761,254.59</b>	<b>2,264,264.00</b>	<b>0.00</b>	<b>0.00</b>	<b>34,620,276.69</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	2,916,068.80	183,610.19	251,466.48			2,848,212.51
20	391 Office Furniture and Equipment	5,108,035.05	62,591.98	632,488.25			4,538,138.78
21	392 Transportation Equipment	1,529,139.22	159,127.92	123,628.51			1,564,638.63
22	393 Stores Equipment	76,575.68		9,072.54			67,503.14
23	394 Tools, Shop and Garage Equipment	19,319.93	2,966.12	1,807.29			20,478.76
24	395 Laboratory Equipment						
25	396 Power Operated Equipment						
26	397 Communication Equipment	8,533,473.16	768,423.19	640,958.39			8,660,937.96
27	398 Miscellaneous Equipment	64,283.82	17,078.75	6,907.71			74,454.86
28	399 Other Tangible Property	647,691.00					647,691.00
<b>29</b>	<b>Total General Plant</b>	<b>19,322,459.44</b>	<b>1,193,798.15</b>	<b>1,666,329.17</b>	<b>0.00</b>	<b>0.00</b>	<b>18,849,928.42</b>
<b>30</b>	<b>Total Electric Plant</b>	<b>70,311,753.21</b>	<b>5,578,270.00</b>	<b>5,501,488.24</b>	<b>0.00</b>	<b>0.00</b>	<b>70,388,534.97</b>
31	104 Utility Plant Leased to Others						
32	105 Property held for Future Use						
33	107 Construction Work in Progress	3,527,715.03	703,894.72				4,231,609.75
<b>34</b>	<b>Total Utility Plant Electric</b>	<b>73,839,468.24</b>	<b>6,282,164.72</b>	<b>5,501,488.24</b>	<b>0.00</b>	<b>0.00</b>	<b>74,620,144.72</b>

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


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Line No.	Item	Total Cost	Quantity # 6 Oil	Cost	Quantity # 2 Oil	Cost
1	On Hand Beginning of Year	2,587,065.76	27,043.05	1,920,761.35	9,856.32	666,304.41
2	Received During Year	0.00				
3	<b>TOTAL</b>	<b>2,587,065.76</b>	<b>27,043.05</b>	<b>1,920,761.35</b>	<b>9,856.32</b>	<b>666,304.41</b>
4	Use During Year (Note A)					
5	Boiler Fuel	470,413.06	6,091.20	432,942.03	554.37	37,471.03
6	Gas Turbine	208,046.98	2,945.50	208,046.98		
7	Water Drained					
8						
9						
10						
11	Sold or Transferred					
12	<b>TOTAL DISPOSED OF</b>	<b>678,460.04</b>	<b>9,036.70</b>	<b>640,989.01</b>	<b>554.37</b>	<b>37,471.03</b>
13	<b>BALANCE END OF YEAR</b>	<b>1,908,605.72</b>	<b>18,006.35</b>	<b>1,279,772.34</b>	<b>9,301.95</b>	<b>628,833.38</b>
	<b>NATURAL GAS MCF</b>		<b>COST</b>			
14	On Hand Beginning of Year					
15	Received During Year	592,584	3,843,337.98			
16	<b>TOTAL</b>	<b>592,584</b>	<b>3,843,337.98</b>			
17	Used During Year (Note A)	592,584	3,843,337.98			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	<b>TOTAL DISPOSED OF</b>	<b>592,584</b>	<b>3,843,337.98</b>			
26	<b>BALANCE END OF YEAR</b>	<b>0</b>	<b>0.00</b>			

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**MISCELLANEOUS NONOPERATING INCOME (Account 421)**


---

Line No.	Item	Amount
1	Dividends	20,802.51
2	Sale of Allowances	74.41
3	ENE Net Income	
4	Gain on Sale of Asset	3,923.00
5		
6		
	<b>TOTAL</b>	<b>24,799.92</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>

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**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.	Acc't No.	Gas Shedule	Cubic Feet	Revenue Received	Average Revenue Per M.C.F. (\$0.0000)
1	482				
2					
3					
4		<b>TOTALS</b>			
		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	13,355,927	2,137,939.62	0.1601
7		City of Taunton Power	12,105,160	1,678,569.38	0.1387
8					
9					
10					
11		<b>TOTALS</b>	<b>25,461,087</b>	<b>3,816,509.00</b>	<b>0.1499</b>
12					
13		Street Lighting	4,127,192	589,909.17	0.1429
14					
15					
16					
17					
18		<b>TOTALS</b>	<b>4,127,192</b>	<b>589,909.17</b>	<b>0.1429</b>
19		<b>TOTALS</b>	<b>29,588,279</b>	<b>4,406,418.17</b>	<b>0.1489</b>

**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	18,473,180	1,045,394.89	0.0566
21	Pasny	Bus Yard 115 KV	24,131,650	620,803.23	0.0257
22	Energy New England	Bus Yard 115 KV	416,850,540	29,980,641.45	0.0719
23	Fortistar Fall River	Bus Yard 115 KV	29,745,380	1,379,902.34	0.0464
24	ISO New England	Bus Yard 115 KV	178,586,120	10,437,057.77	0.0584
25	Watson	Bus Yard 115 KV	4,896,530	1,622,092.30	0.3313
26					
27					
28					
29		<b>TOTALS</b>	<b>672,683,400</b>	<b>45,085,891.98</b>	<b>0.0670</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	120,400	18,007.17	0.1496
31	Hingham Electric	Cleary-Flood	1,478,491	353,728.67	0.2392
32	Braintree Electric	Bus Yard 115 KV	4,928,250	961,332.55	0.1951
33	N. Attleboro Light	Bus Yard 115 KV	4,928,250	1,003,409.33	0.2036
34	Hudson Light	Bus Yard 115 KV	2,464,154	589,546.44	0.2392
35					
36					
37					
38					
39		<b>TOTALS</b>	<b>13,919,545</b>	<b>2,926,024.16</b>	<b>0.2102</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	<b>SALES OF ELECTRICITY</b>						
2	440 Residential Sales	38,434,861.99	(1,179,563.84)	270,583,292	(2,004,768)	29,999	(111)
3	442 Commercial and Industrial Sales	27,334,870.83	(796,675.60)	176,646,353	735,433	4,033	20
4	Small (or Commercial) see intr. 5	25,085,009.25	(1,210,682.38)	212,614,400	(7,742,060)	61	0
5	Large (or Commercial) see intr. 5	4,406,418.17	(259,379.39)	31,151,210	(1,084,992)	268	(84)
6	444 Municipal Sales (p.22)	32,232.66	(1,989.70)	310,658	(4,409)	5	0
7	445 Other Sales to Public Authorities						
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	<b>Total Sales to Ultimate Consumers</b>	<b>95,293,392.90</b>	<b>(3,448,290.91)</b>	<b>691,305,913</b>	<b>(10,100,796)</b>	<b>34,366</b>	<b>(175)</b>
12	447 Sales for Resale	2,926,024.16	(615,610.35)	13,919,545	(7,489,786)	5	0
13	<b>Total Sales of Electricity</b>	<b>98,219,417.06</b>	<b>(4,063,901.26)</b>	<b>705,225,458</b>	<b>(17,590,582)</b>	<b>34,371</b>	<b>(175)</b>
14	<b>OTHER OPERATING REVENUES</b>						
15	450 Late Payment Interest	36,673.41	13,639.43				
16	451 Discounts Given	(2,783,896.16)	100,313.20				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	132,975.33	(6,788.53)				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	1,332,386.23	(53,419.19)				
21							
22							
23							
24							
25	<b>Total Other Operating Revenues</b>	<b>(1,281,861.19)</b>	<b>53,744.91</b>				
26	<b>Total Electric Operating Revenues</b>	<b>96,937,555.87</b>	<b>(4,010,156.35)</b>				

\* Includes Revenues from application of fuel clauses

2,717,562

Total KWH to which applied

270,583,292

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"	204,066,239	28,729,869.36	0.1408	23,114	23,184
2	440	Residential "A-1"	39,329,878	5,489,041.96	0.1396	3,792	3,807
3	440	Residential "A-2"	9,391,511	1,518,089.64	0.1616	1,035	1,060
4	440	Residential "A-3"	15,836,501	2,167,394.07	0.1369	949	951
5	440	Non Business Residential	1,959,163	530,466.96	0.2708	987	997
6	442	Commercial "H"	69,923,444	11,178,036.88	0.1599	3,018	3,117
7	442	Commercial "P-1"	103,381,115	15,715,615.86	0.1520	246	236
8	442	Commercial "B-1"	1,188,600	177,049.92	0.1490	2	2
9	442	Commercial Private					
10		Area Lighting	2,153,194	264,168.17	0.1227	694	678
11	442	Industrial "P-2"	212,614,400	25,085,009.25	0.1180	61	61
12							
13		City of Taunton					
14							
15	444	"H"	13,765,658	2,137,939.62	0.1553	346	264
16	444	"P-1"					
17	444	"P-2"	13,258,360	1,678,569.38	0.1266	8	4
18		Street Lighting	4,127,192	589,909.17	0.1429	1	1
19	445	Flat Rate B	6,117	1,079.16	0.1764	1	1
20	445	Flat Rate R	191,797	21,569.08	0.1125	1	1
21	445	Flat Rate N.D.	111,327	9,330.50	0.0838	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							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49	Total Sales to Ultimate						
50	Consumers		691,305,913	95,293,392.90	13.7845	34,257	34,366



## 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	767,261.06	(56,544.51)
5	501 Fuel	4,773,266.24	(1,608,892.75)
6	502 Steam Expenses	2,847,248.89	(12,911.79)
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	91,608.51	(27,185.46)
10	506 Miscellaneous Steam Power Expenses	681,012.77	(73,557.59)
11	507 Rents		
12	<b>Total Operation</b>	<b>9,160,397.47</b>	<b>(1,779,092.10)</b>
13	<b>Maintenance:</b>		
14	510 Maintenance Supervision and Engineering	739,138.13	51,587.74
15	511 Maintenance of Structure	365,115.61	(39,735.90)
16	512 Maintenance of Boiler Plant	670,085.98	47,507.33
17	513 Maintenance of Electric Plant	333,730.54	(319,085.88)
18	514 Maintenance of Miscellaneous Steam Plant	245,916.88	(902,214.40)
19	<b>Total Maintenance</b>	<b>2,353,987.14</b>	<b>(1,161,941.11)</b>
20	<b>Total Power Production Expenses - Steam Power</b>	<b>11,514,384.61</b>	<b>(2,941,033.21)</b>
21	<b>NUCLEAR POWER GENERATION</b>		
22	<b>Operation:</b>		
23	517 Operation Supervision and Engineering		
24	518 Fuel	63,198.48	(22,731.62)
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	359,919.27	96,915.95
31	526 Other Nuclear Expenses		
32	<b>Total Operation</b>	<b>423,117.75</b>	<b>74,184.33</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>423,117.75</b>	<b>74,184.33</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	45,257,588.73	(2,363,556.75)
27	556 System Control and Load Dispatching	5,888.19	(1,749.01)
28	557 Other Expenses	148,656.27	(466,960.35)
29	<b>Total Other Power Supply Expenses</b>	<b>45,412,133.19</b>	<b>(2,832,266.11)</b>
30	<b>Total Power Production Expenses</b>	<b>57,349,635.55</b>	<b>(5,699,114.99)</b>
31	<b>TRANSMISSION EXPENSES</b>		
32	<b>Operation:</b>		
33	560 Operation Supervision and Engineering	6,197.76	(87.24)
34	561 Load Dispatching	11,602.71	651.75
35	562 Station Expenses	224,906.29	222,436.08
36	563 Overhead Line Expenses		
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	7,863,483.06	581,954.27
39	566 Miscellaneous Transmission Expenses	82,910.09	36,368.48
40	567 Rents	10,938.96	
41	<b>Total Operation</b>	<b>8,200,038.87</b>	<b>841,323.34</b>
42	<b>Maintenance:</b>		
43	568 Maintenance Supervision and Engineering		
44	569 Maintenance of Structures		
45	570 Maintenance of Station Equipment	3,794.02	3,794.02
46	571 Maintenance of Overhead Lines		
47	572 Maintenance of Underground Lines		
48	573 Maintenance of Miscellaneous Transmission Plant		(116.57)
49	<b>Total Maintenance</b>	<b>3,794.02</b>	<b>3,677.45</b>
50	<b>Total Transmission Expenses</b>	<b>8,203,832.89</b>	<b>845,000.79</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	244,188.96	(16,035.37)
4	581 Load Dispatching	323,382.15	20,509.59
5	582 Station Expenses	55,870.72	1,789.75
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses	158.88	158.88
8	585 Street Lighting and Signal Systems Expenses		(1,826.40)
9	586 Meter Expenses	574,608.19	(58,078.67)
10	587 Customer Installations Expenses		
11	588 Miscellaneous Distribution Expenses	399,048.32	(33,015.58)
12	589 Rents	441.98	18.52
13	<b>Total Operation</b>	<b>1,597,699.20</b>	<b>(86,479.28)</b>
14	<b>Maintenance:</b>		
15	590 Maintenance Supervision and Engineering	829,745.99	(28,062.91)
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	325,996.59	88,490.45
18	593 Maintenance of Overhead Lines	3,025,702.18	392,453.14
19	594 Maintenance of Underground Lines	428,082.82	44,419.67
20	595 Maintenance of Line Transformers	248,655.48	74,418.25
21	596 Maintenance of Street Lighting and Signal Systems	202,992.45	16,712.39
22	597 Maintenance of Meters		
23	598 Maintenance of Miscellaneous Distribution Plant	2,684.00	2,638.00
24	<b>Total Maintenance</b>	<b>5,063,859.51</b>	<b>591,068.99</b>
25	<b>Total Distribution Expenses</b>	<b>6,661,558.71</b>	<b>504,589.71</b>
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	<b>Operation:</b>		
28	901 Supervision	532,776.27	38,349.42
29	902 Meter Reading Expenses	605,681.95	48,905.93
30	903 Customer Records and Collection Expenses	2,291,715.97	(59,688.37)
31	904 Uncollectible Accounts	(78,703.87)	(558,703.87)
32	906 Miscellaneous Customer Accounts Expenses	10,100.00	1,049.58
33	<b>Total Customer Accounts Expenses</b>	<b>3,361,570.32</b>	<b>(530,087.31)</b>
34	<b>SALES EXPENSES</b>		
35	<b>Operation:</b>		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	124,348.42	9,431.82
38	913 Advertising Expenses	15,490.60	(32,701.81)
39	916 Miscellaneous Sales Expenses	15,494.40	
40	<b>Total Sales Expenses</b>	<b>155,333.42</b>	<b>(23,269.99)</b>
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	<b>Operation:</b>		
43	920 Administrative and General Salaries	2,289,058.28	365,865.22
44	921 Office Supplies and Expenses	74,993.82	(4,466.80)
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	188,255.07	9,275.02
47	924 Property Insurance	499,307.00	(12,592.00)
48	925 Injuries and Damages	336,061.80	46,486.40
49	926 Employee Pensions and Benefits	(441,098.91)	(135,829.23)
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	810,598.33	23,523.10
54	931 Rents	(108,720.00)	18,624.00
55	933 Transportation Expenses	327,048.08	64,264.39

## ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	<b>Total Operation</b>	<b>3,975,503.47</b>	<b>375,150.10</b>
1	ADMINISTRATIVE AND GENERAL EXPENSES-Continued	3,975,503.47	375,150.10
2	Maintenance:		
3	932 Maintenance of General Plant	693,782.21	2,214.06
	935 Maintenance of Gen Plant & Information Systems	1,310,060.01	76,794.71
4	<b>Total Administrative and General Expenses</b>	<b>5,979,345.69</b>	<b>454,158.87</b>
5	<b>Total Electric Operation and Maintenance Expenses</b>	<b>81,711,276.58</b>	<b>(4,448,722.92)</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	9,160,397.47	2,353,987.14	11,514,384.61
9	Nuclear Power	423,117.75	0.00	423,117.75
10	Hydraulic Power	0.00	0.00	0.00
11	Other Power	45,412,133.19		45,412,133.19
12	Other Power Supply Expenses			
13	<b>Total Power Production Expenses</b>	<b>54,995,648.41</b>	<b>2,353,987.14</b>	<b>57,349,635.55</b>
14	Transmission Expenses	8,200,038.87	3,794.02	8,203,832.89
15	Distribution Expenses	1,597,699.20	5,063,859.51	6,661,558.71
16	Customer Accounts Expenses	3,361,570.32		3,361,570.32
17	Sales Expenses	155,333.42		155,333.42
18	Administrative and General Expenses	3,975,503.47	2,003,842.22	5,979,345.69
19	<b>Total Electric Operation and</b>			
20	<b>Maintenance Expenses</b>	<b>72,285,793.69</b>	<b>9,425,482.89</b>	<b>81,711,276.58</b>
21	Ratio of Operating Expenses to Operating Revenues		84.29%	
22	Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts.		15,663,536.89	
23	Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)		160	

## ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	<b>SOURCES OF ENGERY</b>		
2	Generation (excluding station use):		
3	Steam		57,299,490
4	Nuclear		8,387,997
5	Hydro		
6	Other		
7	<b>Total Generation</b>		<b>65,687,487</b>
8	Purchases		
9		In (gross) 657,320,960	
10	Interchanges		
11		Out (gross)	
11		Net (kWh)	659,089,033
12		Received	
13	Transmission for/by other (wheeling)		
14		Delivered	
14		Net (kWh)	
15	<b>TOTAL</b>		<b>724,776,520</b>
16	<b>DISPOSITION OF ENERGY</b>		
17	Sales to ultimate consumers (including interdepartmental sales)		
17			699,159,538
18	Sales for Resale		
18			13,919,545
19	Energy furnished without charge		
19			4,719,414
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	Total Energy Losses		
26			6,978,023
27	Energy Losses as percent of total on line 15		0.96%
28	<b>TOTALS</b>		<b>724,776,520</b>

## MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	117,900	Monday	24	7:00 PM	60 MIN	63,694,360
30	FEBRUARY	109,580	Tuesday	1	6:00 PM	60 MIN	56,745,504
31	MARCH	104,670	Thursday	3	7:00 PM	60 MIN	58,902,380
32	APRIL	93,670	Monday	4	8:00 PM	60 MIN	53,095,890
33	MAY	116,810	Tuesday	31	5:00 PM	60 MIN	55,948,559
34	JUNE	143,260	Wednesday	8	6:00 PM	60 MIN	61,069,107
35	JULY	163,520	Friday	22	3:00 PM	60 MIN	74,228,618
36	AUGUST	142,820	Monday	1	3:00 PM	60 MIN	70,173,101
37	SEPTEMBER	119,880	Wednesday	14	3:00 PM	60 MIN	60,358,894
38	OCTOBER	101,060	Monday	10	7:00 PM	60 MIN	55,618,152
39	NOVEMBER	98,500	Tuesday	29	6:00 PM	60 MIN	54,766,462
40	DECEMBER	106,560	Wednesday	19	6:00 PM	60 MIN	60,175,493
41						<b>Total</b>	<b>724,776,520</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 Conventional
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		46	46
12	Net generation, exclusive of station use		3,088,670	985,080
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	149,091	580,081
15	Structures and Improvements	9,104,986	1,948,159	6,876,557
16	Reservoirs, dams and waterways			
17	Equipment costs	5,225,448	6,681,607	45,658,590
18	Roads, railroads, and bridges			
19	Total Cost	14,354,607	8,778,857	53,115,228
20	Cost per kw of installed capacity	1,063	310	483
21	Production Expenses:			
22	Operation Supervision and Engineering		425,564	1,015,381
23	Station Labor		846,742	2,605,846
24	Fuel		463,451	215,380
25	Supplies and expenses, including water		1,887	69,661
26	Maintenance	31,677	464,930	1,487,858
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	31,677	2,202,574	5,394,126
31	Expenses per net KWH (5 places)		0.71311	5.47583
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		6,542.52	3,048.55
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		3,456	3,439
36	Average cost of fuel per unit, del. f.o.b. plant		70.8367724	70.6499811
37	Average cost of fuel per unit consumed		70.8367724	70.6499811
38	Average cost of fuel consumed per million B.t.u.		488.0731665	489.0916795
39	Average cost of fuel consumed per kwh net gen.		0.1500487	0.2186421
40	Average B.t.u. per kwh net generation		307	447
41				
42				

## GENERATING STATION STATISTICS

Plant (e)	Plant (f)	Plant (g)	Plant (i)	Plant (j)	Line No.
					1
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					11
	53,212,220				12
					13
					14
					15
					16
					17
Note: All Cost Figures included under column D					18
					19
					20
					21
					22
					23
	4,094,436				24
					25
					26
					27
					28
					29
	4,094,436				30
	0.07695				31
Natural Gas					32
MCU ft.					33
					34
	592,584				35
					36
	6.91				36
	6.91				37
	0.0116599				37
	0.0769454				38
	0				39
					40
					41
					42

## 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	1 1966	Oil Auto	850	900	300
2		Taunton, MA					
3							
4							
5	Cleary - Flood	1314 Somerset	1 1975	Oil Auto	1800	1000/1000	557
6		Taunton, MA					
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## ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	<b>SOURCES OF ENGERY</b>		
2	Generation (excluding station use):		
3	Steam		57,299,490
4	Nuclear		8,387,997
5	Hydro		
6	Other		
7	<b>Total Generation</b>		<b>65,687,487</b>
8	Purchases		
9		In (gross)	657,320,960
10	Interchanges	Out (gross)	
11		Net (kWh)	659,089,033
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	<b>TOTAL</b>		<b>724,776,520</b>
16	<b>DISPOSITION OF ENERGY</b>		
17	Sales to ultimate consumers (including interdepartmental sales)		699,159,538
18	Sales for Resale		13,919,545
19	Energy furnished without charge		4,719,414
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>6,978,023</b>
27	Energy Losses as percent of total on line 15		0.96%
28	<b>TOTALS</b>		<b>724,776,520</b>

## MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	117,900	Monday	24	7:00 PM	60 MIN	63,694,360
30	FEBRUARY	109,580	Tuesday	1	6:00 PM	60 MIN	56,745,504
31	MARCH	104,670	Thursday	3	7:00 PM	60 MIN	58,902,380
32	APRIL	93,670	Monday	4	8:00 PM	60 MIN	53,095,890
33	MAY	116,810	Tuesday	31	5:00 PM	60 MIN	55,948,559
34	JUNE	143,260	Wednesday	8	6:00 PM	60 MIN	61,069,107
35	JULY	163,520	Friday	22	3:00 PM	60 MIN	74,228,618
36	AUGUST	142,820	Monday	1	3:00 PM	60 MIN	70,173,101
37	SEPTEMBER	119,880	Wednesday	14	3:00 PM	60 MIN	60,358,894
38	OCTOBER	101,060	Monday	10	7:00 PM	60 MIN	55,618,152
39	NOVEMBER	98,500	Tuesday	29	6:00 PM	60 MIN	54,766,462
40	DECEMBER	106,560	Wednesday	19	6:00 PM	60 MIN	60,175,493
41						<b>Total</b>	<b>724,776,520</b>

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.
	S.C.										1
	1" HG					PSIG	PSIG				2
1966	ABS	850	3600	22,000	28,300	0.5	30	85	13800	28,300	3
											4
	T.C.										5
	1.5" H C					PSIG	PSIG				6
1975	ABS	1,800	3600		90,000	0.5	30	85	13800	90,000	7
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<b>TOTALS</b>										<b>118,300</b>	<b>118,300</b>

Note A: 7500 KW No. 3 unit not operated since 1974. Unit is considered inefficient and unreliable.

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.

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**COMBUSTION ENGINE AND OTHER GENERATING STATIONS**

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## PRIME MOVERS

Line No.	Name of Station (a)	Location of Station (b)	Diesel or 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	Gas Turbine	General Electric	1976		Direct
2		Taunton, Ma					
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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
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						TOTALS	26,100	1	26,100





## OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	533.84		533.84
2	Added During Year	6.41		6.41
3	Retired During Year	5.24		5.24
4	<b>Miles - End of Year</b>	<b>535.01</b>		<b>535.01</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	23,891	38,275	7,528	314,167.00
17	Additions during year:				
18	Purchased		670		
19	Installed	132	261	97	6,492.50
20	Assoc. with utility plant acquired				
21	<b>Total Additions</b>	<b>132</b>	<b>931</b>	<b>97</b>	<b>6,492.50</b>
22	Reductions during year:				
23	Retirements		520	67	3,257.50
24	Assoc. with utility plant sold				
25	<b>Total Reductions</b>	<b>0</b>	<b>520</b>	<b>67</b>	<b>3,257.50</b>
26	<b>Number at End of Year</b>	<b>24,023</b>	<b>38,686</b>	<b>7,558</b>	<b>317,402.00</b>
27	In Stock		700	350	12,084.50
28	Locked meters on customers' premises		485		
29	Inactive transformers on system		37,454	7,211	303,865.00
30	In customers' use		47	27	1,452.50
31	In company use				
32	<b>Number at End of Year</b>	<b>0</b>	<b>38,686</b>	<b>7,588</b>	<b>317,402.00</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)	Feet (e)
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



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**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
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
<b>TOTALS</b>		<b>39.80</b>	<b>59.27</b>			

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## 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	7,181	4	1	755	177			5,554	690
3										
4										
5	Raynham	724	79	3	35	72			250	285
6										
7										
8	North Dighton	177			116	3			22	36
9										
10										
11										
12	Berkley	151				15			17	119
13										
14										
15										
16	Lakeville	6				2			4	
17										
18										
19	Bridgewater	4							4	
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45	Totals	8,243	83	4	906	269	0	0	5,851	1,130

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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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Taunton Municipal Lighting Plant  
RESIDENTIAL SERVICE – GENERAL  
(RATES 01, 05, 11)

**AVAILABILITY**

This rate is available for private residences, individual apartments, condominiums, and condominium common areas where electricity is used for domestic purposes including lighting, heating, space heating, and incidental power.

**MONTHLY CHARGE**

Service Charge                      See Minimum Charge Below

Delivery Services:

Distribution Charge

First 600 kWh	\$0.01150 per kWh
Excess of 600 kWh	\$0.02684 per kWh

Transition Charge                      \$0.03263 per kWh

Transmission                          \$0.00886 per kWh

Supplier Services:

Generation Charge

First 600 kWh	\$0.05523 per kWh
<u>Excess of 600 kWh</u>	<u>\$0.06939 per kWh</u>

Total First 600 kWh              \$0.10822 per kWh

Total Excess of 600 kWh      \$0.13772 per kWh

**MINIMUM CHARGE**

The Service Charge will be billed per meter and is calculated as follows:

For consumption of 0 to 200 kwh/mo the Service Charge is \$9.70.

For consumption of 201 to 300 kwh/mo the Service Charge is \$9.70 + [(Consumption - 200) x \$0.027].

For consumption above 300 kwh/mo the Service Charge is \$18.72 per meter.

**POWER COST ADJUSTMENT CLAUSE**

The power cost adjustment, either a charge or a credit, will be applied to all kilowatt-hours used under this rate. Details of the power cost adjustment are provided in Service Classification No. 1.

**TERM OF CONTRACT**

Open order.

**DISCOUNT FOR SUPPLEMENTAL SECURITY INCOME RECIPIENTS**

Customers who are head of a household and are presently receiving Supplemental Security Income from the Social Security Administration are eligible to receive a credit equal of the monthly service charge. It is the responsibility of the customer to annually certify, by forms provided by the utility, the continued compliance with the qualifications for this credit.

Taunton Municipal Lighting Plant  
ADDITIONAL RESIDENTIAL SERVICE  
(RATE 02)

**AVAILABILITY**

This rate is available for service to any non-business use that resides on a residential property where an existing residential meter simultaneously exists. This rate is also available for service to common areas in a multi-unit housing with less than five units.

**MONTHLY CHARGE**

Service charge	\$15.81	
Delivery Services:		
Distribution	First 150 kWh	\$0.02948 per kWh
	Excess of 150 kWh	\$0.06683 per kWh
Transition	First 150 kWh	\$0.03311 per kWh
	Excess of 150 kWh	\$0.07513 per kWh
Transmission	First 150 kWh	\$0.01072 per kWh
	Excess of 150 kWh	\$0.02443 per kWh
Supplier Services		
Generation Charge	First 150 kWh	\$0.06360 per kWh
	Excess of 150 kWh	\$0.06360 per kWh
Total	First 150 kWh	\$0.13691 per kWh
Total	Excess of 150 kWh	\$0.22999 per kWh

**MINIMUM CHARGE**

\$15.81 per month per meter.

**POWER ADJUSTMENT CLAUSE**

The fuel adjustment, either a charge or a credit, will be applied to all kilowatt hours used under this rate. Details of the fuel adjustment are provided in Service Classification No. 1.

**TERMS OF CONTRACT**

Twelve months, and yearly thereafter.

Taunton Municipal Lighting Plant  
GENERAL SERVICE  
(RATES 21, 27)

**AVAILABILITY**

This rate is available for small professional, mercantile, commercial, school, church, hospital, public building and any industrial light and power, where the monthly energy usage is below 15,000 kilowatt hours.

**MONTHLY CHARGE**

Service Charge \$24.31

Delivery Services:

Distribution Charge	\$0.03548 per kWh
Transition Charge	\$0.03479 per kWh
Transmission Charge	\$0.01836 per kWh

Supplier Services:

Generation Charge	\$0.05864 per kWh
TOTAL	\$0.14727 per kWh

**MINIMUM CHARGE**

\$24.31 per month per meter.

**POWER COST ADJUSTMENT CLAUSE**

The power cost adjustment, either a charge or a credit, will be applied to all kilowatt-hours used under this rate. Details of the power cost adjustment are provided in Service Classification No. 1.

**POWER FACTOR**

When the customer power factor, based on a test, is found to be below 90% lagging, the energy portion of the monthly bill will be increased by 0.5% for each 1% that the power factor is below 90%.

**TEMPORARY SERVICE RIDER**

Available for temporary service upon payment by the customer of the estimated cost to the Taunton Municipal Lighting Plant of installing and removing all equipment necessary to supply the customer his requirements; provided, however, that no such service will be supplied at voltage and phase other than available from the Taunton Municipal Lighting Plant's existing lines.

**TERMS OF CONTRACT**

Twelve months, and yearly thereafter.

Interest will be charged at the rate of 1 ½% per month on any past due balance over thirty days.

Taunton Municipal Lighting Plant  
GENERAL SERVICE – PRIMARY  
(Rate 31)

**AVAILABILITY**

This rate is available for service to any industrial or commercial use, where the load is in excess of 150 kilovolt-amperes. Service will be applied and measured at Primary voltage. The customer shall supply all transformer and regulating equipment.

**MONTHLY CHARGE**

Service charge \$808.05

Delivery Services:

Energy Charges:

Distribution Charge	First 300 Hours	\$0.00676 per kWh
	Excess 300 Hours	\$0.00225 per kWh
Transmission Charge		\$0.00000 per kWh
Transition Charge		\$0.01524 per kWh
	Subtotal First 300 Hours	\$0.02200
	Subtotal Excess 300 Hours	\$0.01749

Demand Charges:

Distribution Charge		\$2.88 per kva
Transmission Charge		\$5.77 per kva
Transition Charge		\$4.63 per kva
	Subtotal	\$13.28 per kva

Supplier Services:

Generation Charge	Under 300 Hours	\$0.06076 per kWh
	Over 300 Hours	\$0.05320 per kWh
	Total Under 300 Hours	\$0.08276 per kWh
	Total Over 300 Hours	\$0.07069 per kWh
	Total Demand	\$13.28 per kva

**POWER COST ADJUSTMENT CLAUSE**

The power cost adjustment, either a charge or a credit, will be applied to all kilowatt-hours used under this rate. Details of the power cost adjustment are provided in Service Classification No. 1.

**BILLING DEMAND DETERMINATION**

The Billing Demand shall be determined by comparing the highest fifteen minute kilovolt-ampere demand recorded or indicated in the current month by standard meter and the highest fifteen minute kilovolt-ampere demand recorded or indicated in the preceding months of June, July and August. The customer will be charged based on the higher of the two demands.

**MINIMUM CHARGE**

\$ 2,800.05 per month including a minimum billing demand of 150 kilovolt-amperes.

**TRANSFORMER RENTAL RIDER**

Only when available and under special emergency conditions will the Taunton Municipal Lighting Plant install, for a temporary period, a transformer for customer requirements. The customer will be charged \$0.20 per month per kilovolt-ampere of transformer capacity. Any new or additional transformer capacity will be provided by the customer.

**TERM OF CONTRACT**

Twelve months, and yearly thereafter. Interest will be charged at the rate of 1 1/2% per month on any past-due balance over thirty days.

Taunton Municipal Lighting Plant  
ALL ELECTRIC  
COMMERCIAL APARTMENT BUILDING  
RATE 35

**AVAILABILITY**

This rate is available for all-electric commercial apartment buildings of 6 apartments or more where electricity is used for all services, who were customers of record as of July 1, 1981. The customer shall arrange the wiring for electric water heaters in such a manner that the Taunton Municipal Lighting Plant could install control equipment to control the water heaters.

**MONTHLY CHARGE**

Service Charge \$159.52

Delivery Services:

Distribution Charge	\$0.02613 per kWh
Transition Charge	\$0.04378 per kWh
Transmission Charge	\$0.01688 per kWh

Supplier Services:

<u>Generation Charge</u>	<u>\$0.05802 per kWh</u>
TOTAL	\$0.14481 per kWh

**POWER COST ADJUSTMENT CLAUSE**

The power cost adjustment, either a charge or a credit, will be applied to all kilowatt-hours used under this rate. Details of the power cost adjustment are provided in Service Classification No. 1.

**MINIMUM CHARGE**

\$159.52 per month per meter.

**TERM OF CONTRACT**

Twelve months and yearly thereafter.

Interest will be charged at the rate of 1 ½% per month on any past-due balance over thirty days.



Taunton Municipal Lighting Plant  
SECONDARY LIGHT and POWER SERVICE  
(RATES 37, 38, 39)

**AVAILABILITY**

This rate is available for general commercial and industrial service where lighting, power, refrigeration and heating are used in accordance with the Taunton Municipal Lighting Plant's general service requirements.

**MONTHLY CHARGE**

Service Charge \$162.24

Delivery Services:

Energy Charges:

Distribution Charge	\$0.00359 per kWh
Transition Charge	\$0.02605 per kWh
Transmission Charge	\$0.00000 per kWh
Subtotal	\$0.02964 per kWh

Demand Charges:

Distribution Charge	\$ 7.12 per kW
Transition Charge	\$ 5.08 per kW
Transmission Charge	\$ 2.91 per kW
Subtotal	\$15.11 per kW

Supplier Services:

Generation Charge \$0.06105 per kWh

Total Energy \$0.09069 per kWh  
Total Demand \$15.11 per kW

**POWER COST ADJUSTMENT CLAUSE**

The power cost adjustment, either a charge or a credit, will be applied to all kilowatt-hours used under this rate. Details of the power cost adjustment are provided in Service Classification No. 1.

**MINIMUM CHARGE**

\$313.34 per month, including a minimum billing demand of 10 kW.

**DETERMINATION OF DEMAND**

The Billing Demand shall be determined by comparing the highest fifteen minute kilowatt demand recorded in the current month by standard meter and the highest fifteen minute kilowatt demand recorded in the preceding months of June, July and August. The customer will be charged based on the higher of the two demands.

**POWER FACTOR**

When the customer power factor, based on a test, is found to be below 90% lagging, the Billing Demand will be increased by adding 1% of the Actual Demand for each 1% that the power factor is below 90%.

**PRIMARY EQUIPMENT DISCOUNT**

A customer who furnishes, installs, operates and maintains transformers and auxiliary primary equipment necessary to deliver at a secondary voltage is eligible for a discount of \$0.15 per kilowatt of billing demand, which will be applied to the bill.

**TERM OF CONTRACT**

Twelve months, and yearly thereafter. Interest will be charged at the rate of 1 ½% per month on any past-due balance over thirty days.

Taunton Municipal Lighting Plant  
PRIVATE AREA LIGHTING

**AVAILABILITY**

These rates are available to consumers for outdoor lighting service for private property.

**COST OF SERVICE PER MONTH**

Rate		
*61	92 watt R.W. fixture	\$4.80
*62	189 watt R. W. fixture	8.00
*71	175 watt mercury fixture	9.00
72	70 watt H.P. sodium fixture	6.63
*73	400 watt mercury fixture	17.00
*74	400 watt mercury floodlight	18.25
75	1000 watt mercury floodlight	39.00
81	250 watt H.P. sodium fixture	14.88
82	400 watt H.P. sodium fixture	20.54
83	400 watt H.P. sodium floodlight	22.00

**TERMS**

The monthly rates listed above include the cost of installing the fixture or floodlight on an existing pole, cost of electricity used, running wires, maintenance of existing pole including hardware, and replacement of lamp when required. For fixtures and floodlights installed on new pole furnished in place by the Taunton Municipal Lighting Plant, an additional monthly charge of \$2.00 shall be added for each pole furnished. The above costs do not include lighting service beyond 150 ft. from the existing overhead secondary system, nor where no secondary, nor where no secondary overhead system exists.

**POWER COST ADJUSTMENT**

The power cost adjustment, either a charge or a credit, will be applied to all kilowatt hours used under this rate. Details of the fuel adjustment are provided in Service Classification No. 1.

**HOURS OF OPERATION**

All lights shall be operated nightly from approximately one-half hour after sunset until approximately one-half hour before sunrise, a total of approximately 4,130 hours. Burned out lamps will be replaced upon notification by the customer to the Lighting Plant. No reduction in billing will be allowed by lamp outages.

**INTERMITTENT USE**

When fixtures or floodlights are used for six months or less during the course of the year, the above monthly charges shall be doubled for the period used.

**PREVIOUSLY SIGNED INDIVIDUAL AGREEMENTS**

All previously signed individual agreements are hereby cancelled and the conditions contained herein shall apply.

**TERM OF CONTRACT**

One year, and open order thereafter.  
Interest will be charged at the rate of 1 ½% per month on any past-due balance over thirty days.

\* No longer available on new installations

Taunton Municipal Lighting Plant  
POWER COST ADJUSTMENT CLAUSE  
SERVICE CLASSIFICATION NO. 1

The energy portion of the supplier services will be increased or decreased by the Power Cost Adjustment (PCA).

The PCA will be calculated for each quarter of the calendar year and updated on a monthly basis. The projected PCA for the next calendar year will be calculated by October 31 of the preceding year. The PCA will be calculated based on estimated power costs and kilowatt-hour sales for the quarter in which the PCA is to be applied. The actual PCA applied to billing may be levelized based on the annualized PCA projection and available rate stabilization funds. The cumulative PCA variance shall be controlled to maintain an adequate stabilization fund.

For the purpose of calculating the PCA, power costs will consist of all of TMLP's electric production resource energy costs. These costs may include certain capacity related costs, which are purchased bundled into the energy price. This cost of power, adjusted for over or under collections in the previous periods and rate stabilization fund requirements, will have subtracted from it the generation charge portion of the rate. The difference will be divided by the projected kilowatt-hour sales for the corresponding quarter less any sales to which the PCA is not applied, to arrive at the quarterly PCA.

Taunton Municipal Lighting Plant  
FARM DISCOUNT

**AVAILABILITY**

Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming, as defined in M.G.L. ,Chapter 128 Section 1a, at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the Customer's total bill (after any other applicable discounts) under TMLP's industrial or commercial rate schedules for electric service provided by the TMLP before application of this discount. Customers who meet the requirements of this section must provide the TMLP with appropriate documentation of their eligibility under this provision in accordance with applicable approved M.D.T.E. procedures.

**TERMS AND CONDITIONS**

The TMLP's Terms and Conditions in effect from time to time where not inconsistent with any specific provisions hereof, are a part of this rate.

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Michael J. Harrigan MANAGER OF ELECTRIC LIGHT

Ernest H. Corry

Walter E. Blackwell Sr.

Joseph M. [unclear]

SELECTMEN  
OR  
MEMBERS  
OF THE  
MUNICIPAL  
LIGHT  
BOARD