

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,

2017

THE COMMONWEALTH OF MASSACHUSETTS

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DEPARTMENT OF PUBLIC UTILITIES

FOR THE YEAR ENDED DECEMBER 31,

2017

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

- 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 Hoye Jr
28 Marica Bliss Way
Taunton, MA 02780

- 5. Name and address of town (or city) treasurer:
Barbara Auger
27 Congress Terrance
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	3,916,359,397
Commercial, Industrial and Personal	1,049,766,488

- 9. Tax rate for all purposes during the year:

Residential and Opens Space	\$15.72
Commercial, Industrial and Personal	\$34.44

- 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

**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**

	INCOME FROM PRIVATE CONSUMERS:	<u>AMOUNT</u>
1	From sales of gas	
2	From sales of electricity	\$100,485,018
3	TOTAL	\$100,485,018
4		
5	EXPENSES:	
6	For operation, maintenance and repairs	83,529,424
7	For interest on bond, notes or scrip	492,075
8	For depreciation fund (2% on \$ 240,420,514.08) page 8B-9A	
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	1,750,500
12	For loss in preceding year	
13	TOTAL	85,771,999
14		
15	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	4,196,673
19	Of electricity to be used for street lights	554,244
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	4,750,917

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	6,678
		Berkley, Town of	2,673
		Lakeville, Town of	267
		N. Dighton, Town of	486
		Taunton, City of	27,819
		Bridgewater, Town of	18
		TOTAL	37,941

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	\$
	TOTAL	\$

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

1. Street Lights	\$	554,244
2. Municipal Buildings	\$	4,196,673
3.		

TOTAL	\$	4,750,917
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CHANGES IN THE PROPERTY

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

In electric property:

In gas property:

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				
November 12, 2015	September 28, 2017	10,000,000				
					Variable Principal and Interest payments See detail attached	14,515,000
	TOTAL	52,616,500				14,515,000

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	1. INTAGIBLE PLANT						
2							
3	303 Electronic Metering Equipment	34,674.33					34,674.33
4							
5	2. PRODUCTION PLANT						
6	A. Steam Plant						
7	310 Land and Land Rights	763,144.67	1,853.96				764,998.63
8	311 Structures and Improvements	21,213,859.22	48,262.87				21,262,122.09
9	312 Boiler Plant Equipment	43,198,672.47	100,200.52				43,298,872.99
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	26,352,330.43	275,860.51				26,628,190.94
12	315 Accessory Electric Equipment	2,868,474.01	67,753.54				2,936,227.55
13	316 Miscellaneous Power Plant Equipment	1,267,575.75	82,566.38				1,350,142.13
14							
15	Total Steam Production Plant	95,698,730.88	576,497.78	0.00	0.00	0.00	96,275,228.66
16	B. Nuclear Production Plant						
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	89,850.00				148,963.38
23	Total Nuclear Production Plant	1,079,046.28	89,850.00	0.00	0.00	0.00	1,168,896.28

TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
10	2. OTHER PRODUCTION PLANT						
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	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	Total Other Production Plant	1,218,883.70	0.00	0.00	0.00	0.00	1,218,883.70
20	Total Production Plant	97,996,660.86	666,347.78	0.00	0.00	0.00	98,663,008.64
21	3. TRANSMISSION PLANT						
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	174,473.75	72,831.14				247,304.89
25 353	Station Equipment	2,722,100.24	3,408.80				2,725,509.04
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	11,832.60				21,401.74
31 359	Roads and Trails						
32	Total Transmission Plant	7,574,894.29	88,072.54	0.00	0.00	0.00	7,662,966.83

TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
4. DISTRIBUTION PLANT							
1	360 Land and Land Rights	352,787.78					352,787.78
2	361 Structures and Improvements	1,030,485.39					1,030,485.39
3	362 Station Equipment	12,081,721.96	200,727.43				12,282,449.39
4	363 Storage Battery Equipment	202,716.11					202,716.11
5	364 Poles, Towers, and Fixtures	12,125,098.13	386,678.38				12,511,776.51
6	365 Overhead Conductors and Devices	24,039,451.19	483,325.91				24,522,777.10
7	366 Underground Conduit	6,367,560.83	671,294.69				7,038,855.52
8	367 Underground Conductors and Devices	13,033,046.72	978,027.52				14,011,074.24
9	368 Line Transformers	19,307,448.51	444,462.91				19,751,911.42
10	369 Services	2,828,294.49	203,334.46				3,031,628.95
11	370 Meters	4,330,444.77	179,586.86				4,510,031.63
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	4,513,442.64	551,604.12				5,065,046.76
15							
16	Total Distribution Plant	104,181,112.65	4,099,042.28	0.00	0.00	0.00	108,280,154.93
5. GENERAL PLANT							
17	389 Land and Land Rights	545,324.08					545,324.08
18	390 Structures and Improvements	6,834,977.94	42,605.84				6,877,583.78
19	391 Office Furniture and Equipment	9,044,213.71	160,445.53				9,204,659.24
20	392 Transportation Equipment	3,913,411.52	263,747.68	(471,207.87)			3,705,951.33
21	393 Stores Equipment	207,414.79	5,748.00				213,162.79
22	394 Tools, Shop and Garage Equipment	122,797.34	13,986.05				136,783.39
23	395 Laboratory Equipment	15,972.76	4,995.00				20,967.76
24	396 Power Operated Equipment	30,078.08					30,078.08
25	397 Communication Equipment	18,911,082.27	1,193,340.30				20,104,422.57
26	398 Miscellaneous Equipment	250,991.02	3,367.00				254,358.02
27	399 Other Tangible Property	1,082,012.00	459,158.00				1,541,170.00
28							
29	Total General Plant	40,958,275.51	2,147,393.40	(471,207.87)	0.00	0.00	42,634,461.04
30	Total Electric Plant in Service	250,710,943.31	7,000,856.00	(471,207.87)	0.00	0.00	257,240,591.44
31							Total Cost of Electric Plant
32							257,240,591.44
33							Less Cost of Land, Land Rights, Rights of Way
34							3,604,003.24
							Total Cost Upon which Depreciation is based
							253,636,588.20

COMPARATIVE BALANCE SHEET Assets and other Debits

Line No.	Account	Balance Beginning of Year	Balance End of Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant-Electric (pg 17)	93,058,020.71	106,927,115.75	13,869,095.04
3	101 Utility Plant-Gas (pg 20)			
4				
5	Total Utility Plant	93,058,020.71	106,927,115.75	13,869,095.04
6	FUND ACCOUNTS			
7				
8				
9	1202 Nuclear Fuel in Stock	298,134.45	298,134.45	0.00
10	1203 Nuclear Fuel in Reactor	1,001,281.13	1,036,825.43	35,544.30
11	1205 Amortization of Nuclear Fuel	(1,200,176.77)	(1,260,575.39)	60,398.62
12	121 Non Utility Property			
13	126 Depreciation Fund (pg 14)	6,808,817.75	19,208,817.75	12,400,000.00
14	128 Other Sepcial Funds	14,222,000.56	14,306,287.54	84,286.98
15	Total Funds	21,130,057.12	33,589,489.78	12,459,432.66
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash	24,767,487.70	19,876,109.33	(4,891,378.37)
18	132 Special Deposits	1,751,062.03	1,838,229.65	87,167.62
19	133 Restricted Cash			
20	134 Other Special Deposits	2,302,138.18	1,550,537.18	(751,601.00)
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	8,590,195.78	8,184,747.36	(405,448.42)
24	143 Other Accounts Receivable	4,091.59	4,957.18	865.59
25	146 Receivables from Municipality	6,963.64	4,824.96	(2,138.68)
26	151 Materials and Supplies (pg 14)	5,634,459.69	5,253,121.31	(381,338.38)
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	10,674,049.48	13,077,056.26	2,403,006.78
30	174 Miscellaneous Current Assets	236,090.63	789,493.32	553,402.69
31	Total Current Assets	53,970,238.72	50,582,776.55	(3,387,462.17)
32	DEFERRED DEBITS			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	(1,069.66)	(1,827.19)	(757.53)
36	185 Other Defferred Debits	(123.69)	(123.69)	0.00
37	Total Deferred Debits	(1,193.35)	(1,950.88)	(757.53)
38				
39	Total Assets and Other Debits	168,157,123.20	191,097,431.20	22,940,308.00

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	38,433,000.00	39,528,000.00	1,095,000.00
6	207 Appropriation for Construction Repayments	32,433.98	32,433.98	0.00
7	208 Unappropriated Earned Surplus (pg 12)	68,556,732.10	82,010,605.83	13,453,873.73
8	Total Surplus	107,022,166.08	121,571,039.81	14,548,873.73
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	5,610,000.00	13,590,500.00	7,980,500.00
11	229 Accumlated Provision for rate refunds	6,000,000.00	6,000,000.00	0.00
12	231 Notes Payable (pg 7)	1,200,000.00	0.00	(1,200,000.00)
13	Total Bonds and Notes	2,000,000.00	19,590,500.00	17,590,500.00
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	7,129,746.26	7,072,858.76	(56,887.50)
16	234 Payables to Municipality	40,913,792.54	39,027,226.54	(1,886,566.00)
17	235 Customer's Deposits	1,709,761.73	1,795,540.93	85,779.20
18	236 Taxes Accrued			
19	237 Interset Accrued	34,635.53	112,584.05	77,948.52
20	241 Tax Collections Payable	(45,267.63)	(71,865.24)	(26,597.61)
21	242 Misc Current and Accrued Liabilities	693,739.11	(4,379,087.99)	(5,072,827.10)
22	243 Master Trust Fund Liab - Seabrook	164,355.43	164,355.43	0.00
23	245 Deferred Revenue Liability	931,899.28	0.00	(931,899.28)
24	Total Current and Accrued Liabilites	51,532,662.25	43,721,612.48	(7,811,049.77)
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt		1,038,215.00	1,038,215.00
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	501,063.14	501,387.14	324.00
29	Total Deferred Credits	501,063.14	1,539,602.14	1,038,539.00
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	1,710,461.34	1,726,877.49	16,416.15
32	261 Property Insurance Reserve			
33	262 Injuries and Damages Reserve			
34	263 Pensions and Benefits Reserve			
35	265 Miscellaneous Operating Reserves			
36	Total Reserves	1,710,461.34	1,726,877.49	16,416.15
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	931,899.28	2,947,799.28	2,015,900.00
39	Total Liabilities and Other Credits	163,698,252.09	191,097,431.20	27,399,179.11

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.....	\$	100,527,976
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)	98,199,342.37	(1,017,697.88)
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	64,730,192.70	293,832.89
5	402 Maintenance Expenses (p. 42 and 47)	10,637,384.38	385,711.37
6	403 Depreciation Expenses	7,835,160.67	(2,634,985.40)
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	Total Operating Expenses	83,202,737.75	(1,955,441.14)
11	Operating Income	14,996,604.62	937,743.26
12	414 Other Utility Operating Income (p. 50)		
13			
14	Total Operating Income	14,996,604.62	937,743.26
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	1,737,647.00	924,576.53
18	421 Miscellaneous Non-Operating Income	157,246.02	20,701.33
19	Total Other Income	1,894,893.02	945,277.86
20	Total Income	16,891,497.64	1,883,021.12
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0.00	0.00
25	Income Before Interest Charges	16,891,497.64	1,883,021.12
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	281,178.00	97,269.00
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	Total Interest Charges	281,178.00	97,269.00
33	NET INCOME	16,610,319.64	1,785,752.12

EARNED SURPLUS

Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		70,413,512.95
35			
36	Adjustments for Previous Periods	2,113,226.76	
37	433 Balance Transferred from Income		16,610,319.64
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)	82,010,605.83	
43			
44	TOTALS	87,023,832.59	87,023,832.59

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items	Amount
1	Operation Fund	19,876,109.33
2	Interest Fund	1,550,537.18
3	Bond Fund	
4	Restricted Fund	
5	Customer Deposit	1,838,229.65
6	Petty Cash Fund	3,700.00
7	Special Deposits	
8		
9		
10		
11		
12	TOTAL	23,268,576.16

MATERIALS AND SUPPLIES (Accounts 151-159,163)

		Electric	Gas
13	Fuel (Account 151) (See Schedule, p.25)	2,379,760.22	---
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	2,873,361.09	
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	TOTAL	5,253,121.31	

DEPRECIATION FUND ACCOUNT (Account 136)

24	Debits	
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	TOTAL	
32	Credits	
33	Amount expended for renewals, viz	
34	Bond Principal and Interest Payment for Unit	
35	Balance on hand at end of year	
36	TOTAL	
37		
38		
39		
40		

DEPRECIATION FUND ACCOUNT (ACCOUNT 126)

	<u>AMOUNT</u>
<u>DEBITS</u>	
BALANCE ON ACCOUNT AT BEGINNING OF YEAR	\$6,808,817.75
INCOME DURING YEAR FROM BALANCE ON DEPOSIT	
AMOUNT RECLASSIFIED RESTRICTED FUNDS	\$12,400,000.00
AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES	
AMOUNT TRANSFERRED FOR RESERVE FOR UNIT 9 PRINCIPAL AND INTEREST PAYMENTS	
TOTAL	\$19,208,817.75
<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	\$19,208,817.75
TOTAL	\$19,208,817.75

UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
1	1. INTAGIBLE PLANT						
2							
3	303 Electronic Metering Equipment	34,674.33					34,674.33
4							
5	2. PRODUCTION PLANT						
6	A. Steam Plant						
7	310 Land and Land Rights	763,144.67	1,853.96				764,998.63
8	311 Structures and Improvements	7,515,778.52	48,262.87	549,438.14			7,014,603.25
9	312 Boiler Plant Equipment	13,702,569.68	100,200.52	1,044,910.38			12,757,859.82
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	5,556,745.13	275,860.51	569,930.63			5,262,675.01
12	315 Accessory Electric Equipment	128,998.75	67,753.54	5,693.66			191,058.63
13	316 Miscellaneous Power Plant Equipment						
14		212,761.43	82,566.38	28,103.57			267,224.24
15	Total Steam Production Plant	27,914,672.51	576,497.78	2,198,076.38	0.00	0.00	26,293,093.91
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	33,451.15		5,675.30			27,775.85
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	59,113.38	89,850.00				148,963.38
23	Total Nuclear Production Plant	92,564.53	89,850.00	5,675.30	0.00	0.00	176,739.23

UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
10	OTHER PRODUCTION PLANT						
11	335 Misc Power Plant Equip						
12	340 Land and Land Rights						
13	341 Structures and Improvements						
14	342 Fuel holders, prod., and acces'ts						
15	343 Prime Movers	23,308.37		4,804.35			18,504.02
16	344 Generators						
17	345 Accessory Electric Equipment						
18	346 Misc. Power Plant Equipment						
19	Total Other Production Plant	23,308.37	0.00	4,804.35	0.00	0.00	18,504.02
20	Total Production Plant	28,030,545.41	666,347.78	2,208,556.03	0.00	0.00	26,488,337.16
21	3. TRANSMISSION PLANT						
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	41,077.12	72,831.14	1,651.24			112,257.02
25	353 Station Equipment	247,190.51	3,408.80	13,042.43			237,556.88
26	354 Towers and Fixtures	9,342.56		467.19			8,875.37
27	355 Poles and Fixtures	43,122.67		6,042.36			37,080.31
28	356 Overhead Conductors and Devices	10,447.10		1,393.14			9,053.96
29	357 Underground Conduit		11,832.60			1.30	11,831.30
30	358 Underground Conductors and Devices	1,895.68		135.63			1,760.05
31	359 Roads and Trails						
32	Total Transmission Plant	569,160.68	88,072.54	22,733.29	0.00	0.00	634,499.93

UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	352,787.78					352,787.78
3	361 Structures and Improvements	180,667.81		16,275.31			164,392.50
4	362 Station Equipment	4,479,608.03	200,727.43	418,679.74			4,261,655.72
5	363 Storage Battery Equipment	476.95		120.11			356.84
6	364 Poles, Towers, Fixtures	3,784,610.12	386,678.38	296,447.66			3,874,840.84
7	365 Overhead Conductors and Devices	11,437,516.57	483,325.91	824,322.96			11,096,519.52
8	366 Underground Conduit	1,840,928.17	671,294.69	127,155.95			2,385,066.91
9	367 Underground Conductors and Devices	6,472,783.94	978,027.52	388,235.57			7,062,575.89
10	368 Line Transformers	10,657,185.82	444,462.91	671,353.34			10,430,295.39
11	369 Services	1,272,806.09	203,334.46	85,690.59			1,390,449.96
12	370 Meters	1,388,850.57	179,586.86	100,483.25			1,467,954.18
13	371 Installations on Cust Premises	19,128.99		1,366.62			17,762.37
14	372 Leased Prop. on Cust's Premises						
15	373 Street Lighting and Signal Systems	2,271,397.43	551,604.12	124,239.98			2,698,761.57
16	Total Distribution Plant	44,158,748.27	4,099,042.28	3,054,371.08	0.00	0.00	45,203,419.47
17	5. GENERAL PLANT						
18	389 Land and Land Rights	545,324.08					545,324.08
19	390 Structures and Improvements	2,238,225.57	42,605.84	262,885.87			2,017,945.54
20	391 Office Furniture and Equipment	2,336,103.43	160,445.53	618,492.43			1,878,056.53
21	392 Transportation Equipment	2,000,743.92	(207,460.19)	(38,668.84)			1,831,952.57
22	393 Stores Equipment	22,308.92	5,748.00	8,968.66			19,088.26
23	394 Tools, Shop and Garage Equipment	63,119.68	13,986.05	5,028.76			72,076.97
24	395 Laboratory Equipment		4,995.00	1.37			4,993.63
25	396 Power Operated Equipment						
26	397 Communication Equipment	9,591,331.40	1,193,340.30	1,232,176.30			9,552,495.40
27	398 Miscellaneous Equipment	44,807.28	3,367.00	12,988.86			35,185.42
28	399 Other Tangible Property	1,082,012.00	459,158.00				1,541,170.00
29	Total General Plant	17,923,976.28	1,676,185.53	2,101,873.41	0.00	0.00	17,498,288.40
30	Total Electric Plant	90,682,430.64	6,529,648.13	7,387,533.81	0.00	0.00	89,824,544.96
31	104 Utility Plant Leased to Others						
32	105 Property held for Future Use						
33	107 Construction Work in Progress	8,726,718.96	7,705,082.83				16,431,801.79
34	Total Utility Plant Electric	99,409,149.60	14,234,730.96	7,387,533.81	0.00	0.00	106,256,346.75

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

Line No.	Item	Total Cost	Quantity # 6 Oil	Cost	Quantity ULSD Oil	Cost
1	On Hand Beginning of Year	3,238,269.88	7,577.77	728,269.34	21,117.29	2,510,000.54
2	Received During Year	216,401.78	2,395.76	143,631.18	1,613.75	72,770.60
3	TOTAL	3,454,671.66	9,973.53	871,900.52	22,731.04	2,582,771.14
4	Use During Year (Note A)	348,712.94	3,899.80	348,712.94		
5	Boiler Fuel	697,541.23			5,868.59	697,541.23
6	Gas Turbine					
7	Water Drained					
8	WWS Prime Movers				610.55	44,399.79
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	1,046,254.17	3,899.80	348,712.94	6,479.14	741,941.02
13	BALANCE END OF YEAR	2,408,417.49	6,073.73	523,187.58	16,251.90	1,840,830.12
	NATURAL GAS MCF		COST			
14	On Hand Beginning of Year					
15	Received During Year	600,022	1,972,183.35			
16	TOTAL	600,022	1,972,183.35			
17	Used During Year (Note A)	600,022	1,972,183.35			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF	600,022	1,972,183.35			
26	BALANCE END OF YEAR	0	0.00			

MISCELLANEOUS NONOPERATING INCOME (Account 421)

Line No.	Item	Amount
1	Investment Income	
2	Sale of Allowances	4.03
3	ENE Net Income	294,538.00
4	Gain on Sale of Asset	
5	Loss on Sale of Asset	137,296.01
6	TOTAL	431,838.04

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item	Amount
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

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

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	TOTAL	2,900,000.00

APPROPRIATIONS OF SURPLUS

Line No.	Item	Amount
33		
34		
35		
36		
37		
38		
39		
40	TOTAL	

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		TOTALS			
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	15,685,775	2,276,259.19	0.1451
7		City of Taunton Power	12,043,320	1,730,242.02	0.1437
8					
9					
10					
11		TOTALS	27,729,095	4,006,501.21	0.1445
12					
13		Street Lighting	3,023,998	569,162.00	0.1882
14					
15					
16					
17					
18		TOTALS	3,023,998	569,162.00	0.1882
19		TOTALS	30,753,093	4,575,663.21	0.1488

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	14,542,758	996,401.06	0.0685
21	Pasny	Bus Yard 115 KV	33,648,595	785,942.23	0.0234
22	Energy New England	Bus Yard 115 KV	376,092,117	19,293,675.19	0.0513
23	Fortistar Fall River	Bus Yard 115 KV	25,708,495	1,418,007.93	0.0552
24	ISO New England	Bus Yard 115 KV	157,256,757	10,929,860.67	0.0695
25	Watson	Bus Yard 115 KV	4,012,586	1,835,925.97	0.4575
26					
27					
28					
29		TOTALS	611,261,308	35,259,813.05	0.0577

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	107,100	1,733.94	0.0162
33	N. Attleboro Light	Bus Yard 115 KV	5,069,930	1,313,358.95	0.2590
34	Hudson Light	Bus Yard 115 KV	2,534,992	656,865.87	0.2591
35					
36					
37					
38					
39		TOTALS	7,712,022	1,971,958.76	0.2557

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
SALES OF ELECTRICITY							
1							
2	440 Residential Sales	41,078,986.16	(456,143.61)	265,556,354	167,754	33,450	390
3	442 Commercial and Industrial Sales						
4	Small (or Commercial) see intr. 5	25,628,799.26	(718,969.62)	158,482,205	(1,901,852)	4,528	101
5	Large (or Commercial) see intr. 5	25,749,786.22	294,964.83	211,847,900	10,845,990	68	(1)
6	444 Municipal Sales (p.22)	4,575,663.21	(204,753.31)	30,753,093	(502,122)	331	4
7	445 Other Sales to Public Authorities	34,925.52	(439.18)	264,402	(18,739)	5	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	97,068,160.37	(1,085,340.89)	666,903,954	8,591,031	38,382	494
12	447 Sales for Resale	1,987,658.76	78,760.61	7,712,022	(3,244,338)	3	0
13	Total Sales of Electricity	99,055,819.13	(1,006,580.28)	674,615,976	5,346,693	38,385	494
OTHER OPERATING REVENUES							
14							
15	450 Late Payment Interest	1,700.31	(19,376.73)				
16	451 Discounts Given	(2,864,673.84)	(9,306.10)				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	109,402.27	(48,994.02)				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	1,897,094.50	66,559.25				
21	449 Provision Rate Stabilization						
22							
23							
24							
25	Total Other Operating Revenues	(856,476.76)	(11,117.60)				
26	Total Electric Operating Revenues	98,199,342.37	(1,017,697.88)				

* Includes Revenues from application of fuel clauses

0

Total KWH to which applied 265,556,354
 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"	200,792,458	30,512,586.78	0.1520	25,701	25,865
2	440	Residential "A-1"	37,480,137	5,701,619.65	0.1521	4,079	4,079
3	440	Residential "A-2"	10,494,181	1,859,135.45	0.1772	1,274	1,273
4	440	Residential "A-3"	14,979,123	2,246,467.55	0.1500	997	1,004
5	440	Non Business Residential	1,810,455	759,176.73	0.4193	1,221	1,229
6	442	Commercial "H"	68,874,940	11,787,359.23	0.1711	3,422	3,434
7	442	Commercial "P-1"	86,248,059	13,400,720.52	0.1554	286	293
8	442	Commercial "B-1"	1,029,340	153,952.16	0.1496	2	2
9	442	Commercial Private					
10		Area Lighting	2,329,866	286,767.35	0.1231	785	799
11	442	Industrial "P-2"	211,847,900	25,749,786.22	0.1215	66	68
12							
13		City of Taunton					
14							
15	444	"H"	15,685,775	2,276,259.19	0.1451	326	323
16	444	"P-1"					
17	444	"P-2"	12,043,320	1,730,242.02	0.1437	8	8
18		Street Lighting	3,023,998	569,162.00	0.1882	1	1
19	445	Flat Rate B	4,205	1,064.88	0.2532	1	1
20	445	Flat Rate R	180,238	24,938.54	0.1384	1	1
21	445	Flat Rate N.D.	78,563	8,668.18	0.1103	1	1
22	445	Flat Rate W.B.	1,396	253.92	0.1819	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		666,903,954	97,068,160.37	14.5550	38,172	38,382

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation Supervision and Engineering	685,108.70	(67,742.65)
5	501 Fuel	3,185,673.20	(43,436.50)
6	502 Steam Expenses	2,996,639.80	(327,927.59)
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	93,295.76	(12,929.85)
10	506 Miscellaneous Steam Power Expenses	734,404.64	(118,529.69)
11	507 Rents		
12	Total Operation	7,695,122.10	(570,566.28)
13	Maintenance:		
14	510 Maintenance Supervision and Engineering	560,480.43	(29,509.25)
15	511 Maintenance of Structure	887,683.32	434,103.75
16	512 Maintenance of Boiler Plant	730,194.03	(97,232.18)
17	513 Maintenance of Electric Plant	478,016.39	(381,704.03)
18	514 Maintenance of Miscellaneous Steam Plant	654,850.82	159,591.18
19	Total Maintenance	3,311,224.99	85,249.47
20	Total Power Production Expenses - Steam Power	11,006,347.09	(485,316.81)
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation Supervision and Engineering		
24	518 Fuel	60,398.62	(7,915.48)
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	273,578.20	46,514.99
31	526 Other Nuclear Expenses		
32	Total Operation	333,976.82	38,599.51
33	Maintenance:		
34	528 Maintenance Supervision and Engineering		
35	529 Maintenance of Structures		
36	530 Maintenance of Reactor Plant Equipment		
37	531 Maintenance of Electric Plant		
38	532 Maintenance of Miscellaneous Nuclear Plant		
39	Total Maintenance	0.00	0.00
40	Total Power Production Expenses - Nuclear Power	333,976.82	38,599.51
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation Supervision and Engineering		
44	536 Water for Power		
45	537 Hydraulic Expenses		
46	538 Electric Expenses		
47	539 Miscellaneous Hydraulic Power Generation Expenses		
48	540 Rents		
49	Total Operation	0.00	0.00

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	HYDRAULIC POWER GENERATION-Continued		
2	Maintenance:		
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	Total Maintenance	0.00	0.00
9	Total Power Production Expenses - Hydraulic Power	0.00	0.00
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering		
13	547 Fuel		
14	548 Generation Expenses		
15	549 Miscellaneous Other Power Generation Expenses		
16	550 Rents		
17	Total Operation	0.00	0.00
18	Maintenance:		
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	Total Maintenance	0.00	0.00
24	Total Power Production Expenses - Other Power	0.00	0.00
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power	36,441,603.82	2,582,222.38
27	556 System Control and Load Dispatching	6,423.48	0.00
28	557 Other Expenses	482,890.28	(287,644.40)
29	Total Other Power Supply Expenses	36,930,917.58	2,294,577.98
30	Total Power Production Expenses	48,271,241.49	1,847,860.68
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering	6,197.76	0.00
34	561 Load Dispatching	8,174.47	(4,811.99)
35	562 Station Expenses	158,202.12	(37,352.15)
36	563 Overhead Line Expenses		
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	11,109,573.25	484,128.36
39	566 Miscellaneous Transmission Expenses	149,858.67	74,129.89
40	567 Rents	10,938.96	0.00
41	Total Operation	11,442,945.23	516,094.11
42	Maintenance:		
43	568 Maintenance Supervision and Engineering		
44	569 Maintenance of Structures		
45	570 Maintenance of Station Equipment		
46	571 Maintenance of Overhead Lines		(4,650.00)
47	572 Maintenance of Underground Lines	6,039.82	6,039.82
48	573 Maintenance of Miscellaneous Transmission Plant	247.64	(34,658.98)
49	Total Maintenance	6,287.46	(33,269.16)
50	Total Transmission Expenses	11,449,232.69	482,824.95

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation Supervision and Engineering	203,363.82	(6,700.52)
4	581 Load Dispatching	323,865.26	(60,982.97)
5	582 Station Expenses	55,359.07	22,153.32
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses		
8	585 Street Lighting and Signal Systems Expenses		
9	586 Meter Expenses	674,951.80	(151,421.57)
10	587 Customer Installations Expenses		
11	588 Miscellaneous Distribution Expenses	878,990.78	151,975.39
12	589 Rents		
13	Total Operation	2,136,530.73	(44,976.35)
14	Maintenance:		
15	590 Maintenance Supervision and Engineering	700,314.96	739.01
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	215,699.18	44,240.70
18	593 Maintenance of Overhead Lines	3,332,626.51	329,824.59
19	594 Maintenance of Underground Lines	559,427.99	34,738.81
20	595 Maintenance of Line Transformers	280,703.88	59,689.97
21	596 Maintenance of Street Lighting and Signal Systems	257,285.36	(191,818.65)
22	597 Maintenance of Meters		
23	598 Maintenance of Miscellaneous Distribution Plant	4,873.92	4,754.59
24	Total Maintenance	5,350,931.80	282,169.02
25	Total Distribution Expenses	7,487,462.53	237,192.67
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	446,191.28	(33,285.83)
29	902 Meter Reading Expenses	620,252.12	(56,734.60)
30	903 Customer Records and Collection Expenses	2,337,259.70	11,857.07
31	904 Uncollectible Accounts	318,000.00	0.00
32	906 Miscellaneous Customer Accounts Expenses	11,184.68	(385.80)
33	Total Customer Accounts Expenses	3,732,887.78	(78,549.16)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	65,760.02	1,954.94
38	913 Advertising Expenses	8,172.42	(16,112.98)
39	916 Miscellaneous Sales Expenses	15,494.40	0.00
40	Total Sales Expenses	89,426.84	(14,158.04)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries	1,566,192.58	(144,804.66)
44	921 Office Supplies and Expenses	122,543.09	14,134.44
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	524,274.35	(41,796.94)
47	924 Property Insurance	510,836.66	30,791.04
48	925 Injuries and Damages	259,222.96	(14,633.79)
49	926 Employee Pensions and Benefits	(1,545,023.09)	(1,745,672.26)
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	954,677.24	186,132.22
54	931 Rents		
55	933 Transportation Expenses	(24,338.17)	(131,338.93)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	Total Operation	2,368,385.62	(1,847,188.88)
1	ADMINISTRATIVE AND GENERAL EXPENSES-Continued	2,368,385.62	(1,847,188.88)
2	Maintenance:		
3	932 Maintenance of General Plant	668,135.32	(26,362.09)
	935 Maintenance of Gen Plant & Information Systems	1,300,804.81	77,924.13
4	Total Administrative and General Expenses	4,337,325.75	(1,795,626.84)
5	Total Electric Operation and Maintenance Expenses	75,367,577.08	679,544.26

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification	Operation	Maintenance	Total
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	7,695,122.10	3,311,224.99	11,006,347.09
9	Nuclear Power	333,976.82	0.00	333,976.82
10	Hydraulic Power	0.00	0.00	0.00
11	Other Power	36,930,917.58		36,930,917.58
12	Other Power Supply Expenses			
13	Total Power Production Expenses	44,960,016.50	3,311,224.99	48,271,241.49
14	Transmission Expenses	11,442,945.23	6,287.46	11,449,232.69
15	Distribution Expenses	2,136,530.73	5,350,931.80	7,487,462.53
16	Customer Accounts Expenses	3,732,887.78		3,732,887.78
17	Sales Expenses	89,426.84		89,426.84
18	Administrative and General Expenses	2,368,385.62	1,968,940.13	4,337,325.75
19	Total Electric Operation and			
20	Maintenance Expenses	64,730,192.70	10,637,384.38	75,367,577.08
21	Ratio of Operating Expenses to Operating Revenues		76.75%	
22	Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts.		18,314,059.51	
23	Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)		157	

ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	SOURCES OF ENERGY		
2	Generation (excluding station use):		
3	Steam		57,706,000
4	Nuclear		10,020,656
5	Hydro		
6	Other		
7	Total Generation		67,726,656
8	Purchases		
9		In (gross) 624,381,099	
10	Interchanges	Out (gross)	624,381,099
11		Net (kWh)	
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	TOTAL		692,107,755
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		666,903,954
18	Sales for Resale		7,712,022
19	Energy furnished without charge		4,903,603
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		12,588,176
27	Energy Losses as percent of total on line 15	1.82%	
28	TOTALS		692,107,755

MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	11,174	Monday	19	7:00 PM	60 MIN	59,598,245
30	FEBRUARY	9,980	Monday	13	8:00 PM	60 MIN	52,445,888
31	MARCH	9,922	Wednesday	15	9:00 PM	60 MIN	58,322,636
32	APRIL	9,065	Tuesday	4	8:00 PM	60 MIN	50,250,827
33	MAY	12,189	Friday	19	6:00 PM	60 MIN	52,753,426
34	JUNE	14,258	Tuesday	13	5:00 PM	60 MIN	60,018,550
35	JULY	13,846	Wednesday	19	6:00 PM	60 MIN	66,608,290
36	AUGUST	12,912	Tuesday	1	6:00 PM	60 MIN	65,524,740
37	SEPTEMBER	12,401	Wednesday	27	8:00 PM	60 MIN	56,812,220
38	OCTOBER	10,168	Tuesday	10	7:00 PM	60 MIN	54,038,123
39	NOVEMBER	9,783	Tuesday	28	7:00 PM	60 MIN	54,267,516
40	DECEMBER	11,316	Thursday	28	6:00 PM	60 MIN	61,467,294
41						Total	692,107,755

GENERATING STATION STATISTICS

Line No.	Item	Plant W. Water Street	Plant Cleary-Flood	Plant Cleary-Flood
		Decommissioned		
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)		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		25,000	110,000
10	(b) When limited by condenser water		25,000	103,000
11	Average number of employees		39	39
12	Net generation, exclusive of station use		1,825,570	41,871,930
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	151,422	589,404
15	Structures and Improvements	10,554,688	2,247,261	8,460,173
16	Reservoirs, dams and waterways			
17	Equipment costs	5,360,984	7,646,080	61,206,370
18	Roads, railroads, and bridges			
19	Total Cost	15,939,845	10,044,763	70,255,947
20	Cost per kw of installed capacity		355	639
21	Production Expenses:			
22	Operation Supervision and Engineering		229,493	442,352
23	Station Labor		676,723	2,290,056
24	Fuel		365,989	698,380
25	Supplies and expenses, including water		152,771	544,583
26	Maintenance	37,220	300,069	2,176,502
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	37,220	1,725,045	6,151,873
31	Expenses per net KWH (5 places)		0.94494	0.14692
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		3,899.80	5,868.59
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		74,766	15,306
36	Average cost of fuel per unit, del. f.o.b. plant		93.8481461	119.0030314
37	Average cost of fuel per unit consumed		93.8481461	119.0030314
38	Average cost of fuel consumed per million B.t.u.		29.8864474	185.1187506
39	Average cost of fuel consumed per kwh net gen.		0.2004793	0.0166790
40	Average B.t.u. per kwh net generation		6,708	90
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
	14,008,600				12
					13
					14
					15
					16
					17
Note: All Cost Figures included under column D					18
					19
					20
					21
					22
					23
	2,121,305				24
					25
					26
					27
					28
					29
	2,121,305				30
	0.15143				31
Natural Gas					32
MCU ft.					33
					34
	600,022				35
					36
	3.54				36
	3.54				37
	0.0058921				37
	0.1514288				38
	0				39
					40
					41
					42

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	26,100	1
									2
									3
									4
3,349	13,396	2,017	13.80	3	60HZ	2,498	4	9,990	5
									6
									7
									8
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									36
									37
									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	Substa. # 18	115 KV	Steel Tower	2.63	NONE	2	795 A
12	Structure							
13	E.R. Right of Way							
14								
15	Switching	Substa. # 18	115 KV	Wood Poles	1.13	NONE	2	795 A
16								
17								
18								
19								
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								
46								
47	TOTALS				8.12	0	8	

SUBSTATIONS

Line No.	Name and Location of Station (a)	Character of Substation (b)	Primary (c)	Second-ary (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							
6	under 5,000 KVA)	Dist. Unattended	14	2.4		33,000	8	0
7	Whittenton Junction							
8	(Substation # 18)	Dist. Unattended	115	13.8		55,000	2	0
9								
10	Substation #20	Dist. Unattended	115	14		60,000	2	0
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32					TOTALS	313,000	16	0

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	537.23		537.23
2	Added During Year	2.75		2.75
3	Retired During Year			0.00
4	Miles - End of Year	539.98		539.98
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	24,394	38,824	7,905	332,204.00
17	Additions during year:				
18	Purchased		1,540	6	6,000.00
19	Installed	360			
20	Assoc. with utility plant acquired				
21	Total Additions	360	1,540	6	6,000.00
22	Reductions during year:				
23	Retirements	233	233	48	1,325.00
24	Assoc. with utility plant sold				
25	Total Reductions	233	233	48	1,325.00
26	Number at End of Year	24,521	40,131	7,863	336,879.00
27	In Stock		2,179	2,364	87,257.00
28	Locked meters on customers' permises		519		
29	Inactive transformers on system				
30	In customers' use		37,401	5,499	249,622.00
31	In company use		32		
32	Number at End of Year	0	40,131	7,863	336,879.00

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)			Operating Voltage	Feet	Operating Voltage
		(b)	(c)	(d)	(e)	(f)	
1	Feeder 104.2 104.3 104.4	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							
10	Feeder 214.N1	0.75	0.75	3-1/C	13800V		
11							
12							
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							
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	Feeder 1614.DG-ET	0.10	0.10	3-1/C	13800V		
32	Feeder 1614.DG-W	0.10	0.10	3-1/C	13800V		
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.IP4	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						
TOTALS		38.54	57.41			

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City of Town (a)	Total (b)	Incandescent		Mercury Vapor		LED		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1										
2	Taunton	8,426	4	2	282	145	2,221	1,279	3,853	640
3										
4										
5	Raynham	730	51	3	29	44	69	67	220	247
6										
7										
8	North Dighton	282			71	6	50	78	17	60
9										
10										
11										
12	Berkley	176		3		5	15	63	3	87
13										
14										
15										
16	Lakeville	14						7		7
17										
18										
19	Bridgewater	4						4		
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
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35										
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37										
38										
39										
40										
41										
42										
43										
44										
45	Totals	9,632	55	8	382	200	2,355	1,498	4,093	1,041

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Kenneth Goulart

MANAGER OF ELECTRIC LIGHT

Peter H. Orr

SELECTMEN
OR
MEMBERS
OF THE
MUNICIPAL
LIGHT
BOARD

Mark E. Blackwell Sr

Joseph W. Martin