

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,

2019

THE COMMONWEALTH OF MASSACHUSETTS

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DEPARTMENT OF PUBLIC UTILITIES

FOR THE YEAR ENDED DECEMBER 31,

2019

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:
Shaunna L. O'Connell
56 Worcester Street
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 J. Corr, 36 Caswell Street, East Taunton, MA 02767
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 4,445,316,732
Commercial, Industrial and Personal 1,207,600,248

9. Tax rate for all purposes during the year:
Residential and Opens Space \$15.14
Commercial, Industrial and Personal \$33.28

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	\$95,671,519
3	TOTAL	\$95,671,519
4		
5	EXPENSES:	
6	For operation, maintenance and repairs	73,130,118
7	For interest on bond, notes or scrip	378,550
8	For depreciation fund (2% on \$ 275,406,514.88) page 8B-9A	5,508,130
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	1,730,000
12	For loss in preceding year	
13	TOTAL	80,746,798
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	
19	Of electricity to be used for street lights	
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 0

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	6,911
		Berkley, Town of	2,749
		Lakeville, Town of	275
		N. Dighton, Town of	481
		Taunton, City of	28,141
		Bridgewater, Town of	18
		TOTAL	38,575

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	\$	854,913
2. Municipal Buildings	\$	4,721,868
3.		
	TOTAL	\$ 5,576,781

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			10,105,000
	TOTAL	52,616,500				10,105,000

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

TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
1	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	767,664.33	907.20				768,571.53
8	311 Structures and Improvements	21,324,191.55	41,652.47				21,365,844.02
9	312 Boiler Plant Equipment	43,447,065.13	629,812.79				44,076,877.92
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	27,032,433.60	159,280.67				27,191,714.27
12	315 Accessory Electric Equipment	2,941,477.55	29,584.01				2,971,061.56
13	316 Miscellaneous Power Plant Equipment						
14		1,376,420.50	520,125.39				1,896,545.89
15	Total Steam Production Plant	96,923,926.99	1,381,362.53	0.00	0.00	0.00	98,305,289.52
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	148,963.38			(300.00)		148,663.38
23	Total Nuclear Production Plant	1,168,896.28	0.00	0.00	(300.00)	0.00	1,168,596.28

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'rs	685,155.04					685,155.04
15 343	Prime Movers						
16 344	Generators	83,406.68					83,406.68
17 345	Accessory Electric Equipment	407,598.29					407,598.29
18 346	Misc. Power Plant Equipment						
19	Total Other Production Plant	1,218,883.70	0.00	0.00	0.00	0.00	1,218,883.70
20	Total Production Plant	99,311,706.97	1,381,362.53	0.00	(300.00)	0.00	100,692,769.50
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	247,304.89					247,304.89
25 353	Station Equipment	2,725,509.04					2,725,509.04
26 354	Towers and Fixtures	925,654.65					925,654.65
27 355	Poles and Fixtures	2,265,111.24	21,854.00				2,286,965.24
28 356	Overhead conductors and devices	1,258,796.68					1,258,796.68
29 357	Underground conduit	14,936.15					14,936.15
30 358	Underground conductors and devices	9,569.14					9,569.14
31 359	Roads and Trails						
32	Total Transmission Plant	7,662,966.83	21,854.00	0.00	0.00	0.00	7,684,820.83

TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
4. DISTRIBUTION PLANT							
1	Land and Land Rights	352,787.78	92,000.00				444,787.78
2	Structures and Improvements	1,030,485.39	8,777.96				1,039,263.35
3	Storage Equipment	12,681,453.01	40,319.72				12,721,772.73
4	Storage Battery Equipment	202,716.11					202,716.11
5	Poles, Towers, and Fixtures	13,235,538.24	1,166,401.51				14,401,939.75
6	Overhead Conductors and Devices	25,896,798.64	1,406,707.42				27,303,506.06
7	Underground Conduit	7,652,696.86	242,665.15				7,895,362.01
8	Underground Conductors and Devices	14,968,590.55	1,241,987.06				16,210,577.61
9	Line Transformers	21,200,607.29	785,856.97				21,986,464.26
10	Services	3,255,640.82	156,133.21				3,411,774.03
11	Meters	4,717,597.92	182,310.73				4,899,908.65
12	Installations on Cust Premises	31,801.47					31,801.47
13	Leased Prop on Cust's Premises	3,936,812.66					3,936,812.66
14	Street Lighting and Signal Systems	5,969,207.93	523,223.52				6,492,431.45
15							
16	Total Distribution Plant	115,132,734.67	5,846,383.25	0.00	0.00	0.00	120,979,117.92
5. GENERAL PLANT							
17	Land and Land Rights	545,324.08	9,950.00				555,274.08
18	Structures and Improvements	6,929,706.35	39,683.26				6,969,389.61
19	Office Furniture and Equipment	8,938,801.15	75,123.26	(1,875.90)			9,012,048.51
20	Transportation Equipment	3,709,166.33	56,334.78				3,765,501.11
21	Stores Equipment	213,952.79					213,952.79
22	Tools, Shop and Garage Equipment	164,951.56	76,698.72				241,650.28
23	Laboratory Equipment	20,967.76					20,967.76
24	Power Operated Equipment	30,078.08					30,078.08
25	Communication Equipment	21,534,780.17	1,447,181.22				22,981,961.39
26	Miscellaneous Equipment	254,358.02					254,358.02
27	Other Tangible Property	1,788,868.00	215,757.00				2,004,625.00
28							
29	Total General Plant	44,130,954.29	1,920,728.24	(1,875.90)	0.00	0.00	46,049,806.63
30	Total Electric Plant in Service	266,238,362.76	9,170,328.02	(1,875.90)	(300.00)	0.00	275,406,514.88
31							Total Cost of Electric Plant
32							275,406,514.88
33							Less Cost of Land, Land Rights, Rights of Way
34							4,172,681.14
							Total Cost Upon which Depreciation is based
							271,233,833.74

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	116,930,251.78	23,872,231.07
3	101 Utility Plant-Gas (pg 20)			
4				
5	Total Utility Plant	93,058,020.71	116,930,251.78	23,872,231.07
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	1,076,316.43	1,143,367.40	67,050.97
11	1205 Amortization of Nuclear Fuel	(1,319,152.55)	(1,372,161.78)	53,009.23
12	121 Non Utility Property			
13	126 Depreciation Fund (pg 14)	15,508,817.75	15,508,817.75	0.00
14	128 Other Sepcial Funds	13,732,510.17	22,459,386.96	8,726,876.79
15	Total Funds	29,296,626.25	38,037,544.78	8,740,918.53
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash	21,249,640.91	13,239,182.06	(8,010,458.85)
18	132 Special Deposits	1,898,776.41	1,960,217.45	61,441.04
19	133 Restricted Cash			
20	134 Other Special Deposits	1,680,789.18	2,843,185.18	1,162,396.00
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	8,912,608.84	8,960,177.05	47,568.21
24	143 Other Accounts Receivable	4,966.57	4,968.57	2.00
25	146 Receivables from Municipality	4,802.61	4,769.68	(32.93)
26	151 Materials and Supplies (pg 14)	5,839,432.62	5,768,276.02	(71,156.60)
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	10,954,159.90	14,821,910.43	3,867,750.53
30	174 Miscellaneous Current Assets	231,569.14	639,778.43	408,209.29
31	Total Current Assets	50,780,446.18	48,246,164.87	(2,534,281.31)
32	DEFERRED DEBITS			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	0.00		0.00
36	185 Other Deffered Debits	(123.69)	(123.69)	0.00
37	Total Deferred Debits	(123.69)	(123.69)	0.00
38				
39	Total Assets and Other Debits	173,134,969.45	203,213,837.74	30,078,868.29

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	41,278,500.00	43,013,500.00	1,735,000.00
6	207 Appropriation for Construction Repayments	32,433.98	32,433.98	0.00
7	208 Unappropriated Earned Surplus (pg 12)	52,732,833.47	64,172,528.53	11,439,695.06
8	Total Surplus	94,043,767.45	107,218,462.51	13,174,695.06
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	11,840,000.00	10,105,000.00	(1,735,000.00)
11	229 Accumlated Provision for rate refunds	2,300,000.00	2,300,000.00	0.00
12	231 Notes Payable (pg 7)			
13	Total Bonds and Notes	2,000,000.00	12,405,000.00	10,405,000.00
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	9,847,486.03	6,869,193.09	(2,978,292.94)
16	234 Payables to Municipality	69,312,329.54	75,377,064.54	6,064,735.00
17	235 Customer's Deposits	1,854,442.97	1,909,753.81	55,310.84
18	236 Taxes Accrued			
19	237 Interset Accrued	112,334.76	96,919.66	(15,415.10)
20	241 Tax Collections Payable	(70,277.54)	8,500.06	78,777.60
21	242 Misc Current and Accrued Liabilities	(4,676,701.83)	(7,992,501.14)	(3,315,799.31)
22	243 Master Trust Fund Liab - Seabrook	164,355.43	164,355.43	0.00
23	245 Deferred Revenue Liability			
24	Total Current and Accrued Liabilites	76,543,969.36	76,433,285.45	(110,683.91)
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt	1,003,188.00	945,453.64	(57,734.36)
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	501,699.53	501,961.22	261.69
29	Total Deferred Credits	501,699.53	1,447,414.86	945,715.33
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	2,173,186.65	2,116,225.64	(56,961.01)
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	2,173,186.65	2,116,225.64	(56,961.01)
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	3,191,599.28	3,593,449.28	401,850.00
39	Total Liabilities and Other Credits	178,454,222.27	203,213,837.74	24,759,615.47

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.....\$	2,995,000
Since 1923 Transferred to City for tax reduction.....\$	106,470,476
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)	97,696,336.98	(4,773,229.39)
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	63,613,384.35	(8,635,631.56)
5	402 Maintenance Expenses (p. 42 and 47)	12,802,260.65	617,977.01
6	403 Depreciation Expenses	8,138,338.51	265,214.24
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	Total Operating Expenses	84,553,983.51	(7,752,440.31)
11	Operating Income	13,142,353.47	2,979,210.92
12	414 Other Utility Operating Income (p. 50)		
13			
14	Total Operating Income	13,142,353.47	2,979,210.92
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	2,416,252.00	1,782,810.00
18	421 Miscellaneous Non-Operating Income	216,058.91	(30,624.36)
19	Total Other Income	2,632,310.91	1,752,185.64
20	Total Income	15,774,664.38	4,731,396.56
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	15,774,664.38	4,731,396.56
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	430,703.88	(61,103.12)
28	428 Amortization of Debt Discount and Expenses		
29	429 Amortization of Premium on Debt - Credit	(57,734.36)	(92,761.36)
30	431 Other Interest Expenses		
31	432 Interest Charged to Construction - Credit		
32	Total Interest Charges	372,969.52	(153,864.48)
33	NET INCOME	15,401,694.86	4,885,261.04

EARNED SURPLUS

Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		52,634,833.47
35			
36	Adjustments for Previous Periods	868,999.80	
37	433 Balance Transferred from Income		15,401,694.86
38	434 Miscellaneous Credits to Surplus (p. 21)		
39	435 Miscellaneous Debits to Surplus (p. 21)	2,995,000.00	
40	436 Appropriations of Surplus (p. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	64,172,528.53	
43			
44	TOTALS	68,036,528.33	68,036,528.33

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items	Amount
1	Operation Fund	13,239,182.06
2	Interest Fund	48,522.44
3	Bond Fund	
4	Restricted Fund	15,508,817.75
5	Customer Deposit	1,911,695.01
6	Petty Cash Fund	3,700.00
7	Special Deposits	
8		
9		
10		
11		
12	TOTAL	30,711,917.26

MATERIALS AND SUPPLIES (Accounts 151-159,163)

		Electric	Gas
13	Fuel (Account 151) (See Schedule, p.25)	2,974,075.95	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	2,794,200.07	
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	5,768,276.02	

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>DEBITS</u>	<u>AMOUNT</u>
BALANCE ON ACCOUNT AT BEGINNING OF YEAR		\$15,508,817.75
INCOME DURING YEAR FROM BALANCE ON DEPOSIT		
AMOUNT RECLASSIFIED RESTRICTED FUNDS		
AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES		
AMOUNT TRANSFERRED FOR RESERVE FOR UNIT 9 PRINCIPAL AND INTEREST PAYMENTS		
	TOTAL	\$15,508,817.75
	<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		\$15,508,817.75
	TOTAL	\$15,508,817.75

UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
1	1. INTANGIBLE 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	767,664.33	907.20				768,571.53
8	311 Structures and Improvements	6,528,170.05	41,652.47	548,190.92			6,021,631.60
9	312 Boiler Plant Equipment	11,925,179.90	629,812.79	983,016.44			11,571,976.25
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	5,153,400.54	159,280.67	482,040.87			4,830,640.34
12	315 Accessory Electric Equipment	187,911.67	29,584.01	8,609.61			208,886.07
13	316 Miscellaneous Power Plant Equipment	265,885.33	520,125.39	28,402.38			757,608.34
14							
15	Total Steam Production Plant	24,862,886.15	1,381,362.53	2,050,260.22	0.00	0.00	24,193,988.46
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	22,149.06		4,968.29			17,180.77
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	148,663.38					148,663.38
23	Total Nuclear Production Plant	170,812.44	0.00	4,968.29	0.00	0.00	165,844.15

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 access's	13,702.29		4,809.73			8,892.56
15	343 Prime Movers						
16	344 Generators						
17	345 Accessory Electric Equipment						
18	346 Misc. Power Pant Equipment						
19	Total Other Production Plant	13,702.29	0.00	4,809.73	0.00	0.00	8,892.56
20	Total Production Plant	25,047,400.88	1,381,362.53	2,060,038.24	0.00	0.00	24,368,725.17
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	107,700.50		4,556.51			103,143.99
25	353 Station Equipment	224,378.52		13,159.27			211,219.25
26	354 Towers and Fixtures	8,408.18		467.19			7,940.99
27	355 Poles and Fixtures	31,059.59	21,854.00	6,026.04			46,887.55
28	356 Overhead Conductors and Devices	7,661.13		1,259.09			6,402.04
29	357 Underground Conduit	11,358.00		473.30			10,884.70
30	358 Underground Conductors and Devices	1,624.43		135.63			1,488.80
31	359 Roads and Trails						
32	Total Transmission Plant	608,275.39	21,854.00	26,077.03	0.00	0.00	604,052.36

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	92,000.00				444,787.78
3	361 Structures and Improvements	148,117.22	8,777.96	16,275.83			140,619.35
4	362 Station Equipment	4,207,955.20	40,319.72	472,636.55			3,775,638.37
5	363 Storage Battery Equipment	236.80		81.35			155.45
6	364 Poles, Towers, Fixtures	4,303,351.00	1,166,401.51	319,137.11			5,150,615.40
7	365 Overhead Conductors and Devices	11,631,357.03	1,406,707.42	863,474.52			12,174,589.93
8	366 Underground Conduit	2,845,708.06	242,665.15	168,892.72			2,919,480.49
9	367 Underground Conductors and Devices	7,594,253.53	1,241,987.06	457,382.87			8,378,857.72
10	368 Line Transformers	11,192,586.30	785,856.97	721,132.61			11,257,310.66
11	369 Services	1,520,452.21	156,133.21	100,557.49			1,576,027.93
12	370 Meters	1,566,131.70	182,310.73	115,045.96			1,633,396.47
13	371 Installations on Cust Premises	16,395.75		1,366.62			15,029.13
14	372 Leased Prop. on Cust's Premises						
15	373 Street Lighting and Signal Systems	3,459,779.69	523,223.52	174,705.02			3,808,298.19
16	Total Distribution Plant	48,839,112.27	5,846,383.25	3,410,688.65	0.00	0.00	51,274,806.87
17	5. GENERAL PLANT						
18	389 Land and Land Rights	545,324.08	9,950.00				555,274.08
19	390 Structures and Improvements	1,814,240.17	39,683.26	254,348.17			1,599,575.26
20	391 Office Furniture and Equipment	1,364,850.08	73,247.36	565,110.45			872,986.99
21	392 Transportation Equipment	1,427,336.33	56,334.78	360,940.60			1,122,730.51
22	393 Stores Equipment	10,355.88		2,422.44			7,933.44
23	394 Tools, Shop and Garage Equipment	93,713.79	76,698.72	7,510.87			162,901.64
24	395 Laboratory Equipment	4,494.13		499.50			3,994.63
25	396 Power Operated Equipment						
26	397 Communication Equipment	9,830,382.71	1,447,181.22	1,189,443.16			10,088,120.77
27	398 Miscellaneous Equipment	29,100.57		5,383.50			23,717.07
28	399 Other Tangible Property	1,788,868.00	215,757.00				2,004,625.00
29	Total General Plant	16,908,665.74	1,918,852.34	2,385,658.69	0.00	0.00	16,441,859.39
30	Total Electric Plant	91,403,454.28	9,168,452.12	7,882,462.61	0.00	0.00	92,689,443.79
31	104 Utility Plant Leased to Others						
32	105 Property held for Future Use						
33	107 Construction Work in Progress	18,676,457.25	4,475,800.74				23,152,257.99
34	Total Utility Plant Electric	110,079,911.53	13,644,252.86	7,882,462.61	0.00	0.00	115,841,701.78

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	2,408,417.49	13,346.08	1,107,334.13	21,634.71	2,149,826.56
2	Received During Year	190,064.48	0.00	0.00	2,099.04	190,064.48
3	TOTAL	2,598,481.97	13,346.08	1,107,334.13	23,733.75	2,339,891.04
4	Use During Year (Note A)	0.00				
5	Boiler Fuel	304,817.15	1,604.67	137,694.78	1,627.79	167,122.37
6	Gas Turbine					
7	Water Drained					
8	WWS Prime Movers	178,709.95			2,071.65	178,709.95
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	483,527.10	1,604.67	137,694.78	3,699.44	345,832.32
13	BALANCE END OF YEAR	2,114,954.87	11,741.41	969,639.35	20,034.31	1,994,058.72
	NATURAL GAS MCF		COST			
14	On Hand Beginning of Year					
15	Received During Year	401,334	1,305,530.90			
16	TOTAL	401,334	1,305,530.90			
17	Used During Year (Note A)	401,334	1,305,530.90			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF	401,334	1,305,530.90			
26	BALANCE END OF YEAR	0	0.00			

MISCELLANEOUS NONOPERATING INCOME (Account 421)

Line No.	Item	Amount
1	Investment Income	
2	Sale of Allowances	1.91
3	ENE Net Income	216,057.00
4	Gain on Sale of Asset	
5	Loss on Sale of Asset	
6	TOTAL	216,058.91

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	2,995,000.00
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	2,995,000.00

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			

Line No.	Acc't No.	Electric Schedule	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
5	444	Municipal : Other than St Lighting			
6		City of Taunton Building	15,422,295	2,482,199.45	0.1609
7		City of Taunton Power	12,251,650	1,722,054.55	0.1406
8					
9					
10					
11		TOTALS	27,673,945	4,204,254.00	0.1519

Line No.	Acc't No.	Street Lighting	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
12					
13		Street Lighting	2,428,252	517,613.97	0.2132
14					
15					
16					
17					
18		TOTALS	2,428,252	517,613.97	0.2132
19		TOTALS	30,102,197	4,721,867.97	0.1569

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	14,158,050	945,615.80	0.0668
21	Pasny	Bus Yard 115 KV	35,206,594	418,545.54	0.0119
22	Energy New England	Bus Yard 115 KV	372,803,831	16,766,999.25	0.0450
23	Fortistar Fall River	Bus Yard 115 KV	17,280,980	997,285.35	0.0577
24	ISO New England	Bus Yard 115 KV	186,484,724	15,980,294.12	0.0857
25	Watson	Bus Yard 115 KV	1,097,926	1,560,571.86	1.4214
26					
27					
28					
29		TOTALS	627,032,105	36,669,311.92	0.0585

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	110,250	17,937.98	0.1627
33	N. Attleboro Light	Bus Yard 115 KV	2,996,144	1,285,662.29	0.4291
34	Hudson Light	Bus Yard 115 KV	1,498,089	441,295.98	0.2946
35					
36					
37					
38					
39		TOTALS	4,604,483	1,744,896.25	0.3790

ELECTRIC OPERATING REVENUES (Account 400)

Line No	Account	Revenues Amount For Year	Increase or (Decrease) from Preceding Year	K.W.H. Amount For Year	Increase or (Decrease) from Preceding Year	Customers Number For Year	Increase or (Decrease) from Preceding Year
1	SALES OF ELECTRICITY						
2	440 Residential Sales	41,132,436.57	(3,553,995.42)	267,171,915	(9,763,723)	34,099	299
3	442 Commercial and Industrial Sales						
4	Small (or Commercial) see intr. 5	25,019,412.91	(2,427,961.84)	150,090,594	(6,315,029)	4,543	26
5	Large (or Commercial) see intr. 5	25,461,310.11	(19,601,78)	192,726,790	5,275,170	76	3
6	444 Municipal Sales (p.22)	4,721,867.97	(159,095.81)	30,102,197	(497,363)	333	0
7	445 Other Sales to Public Authorities	34,503.56	(410.86)	231,405	(21,272)	5	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	96,369,531.12	(6,161,065.71)	640,322,901	(11,322,217)	39,056	328
12	447 Sales for Resale	1,744,896.25	(336,480.46)	4,604,483	(5,695,504)	3	0
13	Total Sales of Electricity	98,114,427.37	(6,497,546.17)	644,927,384	(17,017,721)	39,059	328
14	OTHER OPERATING REVENUES						
15	450 Late Payment Interest	10,700.07	(23,056.58)				
16	451 Discounts Given	(2,772,891.24)	40,311.37				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	108,293.70	3,779.97				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	2,235,807.08	1,703,282.02				
21	449 Provision Rate Stabilization						
22							
23							
24							
25	Total Other Operating Revenues	(418,090.39)	1,724,316.78				
26	Total Electric Operating Revenues	97,696,336.98	(4,773,229.39)				

* Includes Revenues from application of fuel clauses

0

Total KWH to which applied
5. Customer in excess of 50 KVA considered as Industrial Sales

267,171,915

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"	202,036,306	30,678,095.36	0.1518	26,234	26,413
2	440	Residential "A-1"	37,017,451	5,567,879.94	0.1504	4,066	4,072
3	440	Residential "A-2"	11,147,765	1,909,664.67	0.1713	1,325	1,327
4	440	Residential "A-3"	15,282,383	2,262,898.12	0.1481	1,018	1,015
5	440	Non Business Residential	1,688,010	713,898.48	0.4229	1,272	1,272
6	442	Commercial "H"	68,934,261	12,056,090.09	0.1749	3,392	3,370
7	442	Commercial "P-1"	77,669,744	12,499,187.06	0.1609	292	293
8	442	Commercial "B-1"	1,063,580	158,949.78	0.1494	2	2
9	442	Commercial Private					
10		Area Lighting	2,423,009	305,185.98	0.1260	845	878
11	442	Industrial "P-2"	192,726,790	25,461,310.11	0.1321	74	76
12							
13		City of Taunton					
14							
15	444	"H"	15,422,295	2,482,199.45	0.1609	323	325
16	444	"P-1"	12,251,650	1,722,054.55	0.1406	8	8
17	444	"P-2"	2,428,252	517,613.97	0.2132	1	1
18		Street Lighting					
19	445	Flat Rate B	4,027	1,163.75	0.2890	1	1
20	445	Flat Rate R	161,360	24,663.04	0.1528	1	1
21	445	Flat Rate N.D.	64,677	8,425.46	0.1303	1	1
22	445	Flat Rate W.B.	1,341	251.31	0.1874	1	1
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
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38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49	Total Sales to Ultimate						
50	Consumers		640,322,901	96,369,531.12	15.0501	38,856	39,056

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	748,546.41	(98,679.69)
5	501 Fuel	1,719,704.71	(2,749,298.21)
6	502 Steam Expenses	3,021,035.65	(633,745.22)
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	104,433.36	(20,557.66)
10	506 Miscellaneous Steam Power Expenses	874,913.34	(28,557.59)
11	507 Rents		
12	Total Operation	6,468,633.47	(3,530,838.37)
13	Maintenance:		
14	510 Maintenance Supervision and Engineering	645,770.31	7,824.84
15	511 Maintenance of Structure	316,715.91	85,342.71
16	512 Maintenance of Boiler Plant	2,395,064.39	1,562,752.76
17	513 Maintenance of Electric Plant	757,855.03	(367,068.93)
18	514 Maintenance of Miscellaneous Steam Plant	173,416.02	20,488.76
19	Total Maintenance	4,288,821.66	1,309,340.14
20	Total Power Production Expenses - Steam Power	10,757,455.13	(2,221,498.23)
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation Supervision and Engineering		
24	518 Fuel	53,009.23	(5,567.93)
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	220,376.52	(45,748.68)
31	526 Other Nuclear Expenses		
32	Total Operation	273,385.75	(51,316.61)
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	273,385.75	(51,316.61)
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	99,532.62	69,603.29
13	547 Fuel	178,709.95	68,003.82
14	548 Generation Expenses	51,317.82	6,633.15
15	549 Miscellaneous Other Power Generation Expenses	35.60	(1,786.71)
16	550 Rents		
17	Total Operation	329,595.99	142,453.55
18	Maintenance:		
19	551 Maintenance Supervision and Engineering		
20	552 Maintenance of Structures	1,083.81	1,083.81
21	553 Maintenance of Generating and Electric Plant	25,165.60	16,650.26
22	554 Maintenance of Miscellaneous Other Power Generation Plant	434.10	(245.68)
23	Total Maintenance	26,683.51	17,488.39
24	Total Power Production Expenses - Other Power	356,279.50	159,941.94
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power	38,164,967.54	(4,184,318.10)
27	556 System Control and Load Dispatching	6,423.48	0.00
28	557 Other Expenses	978,993.81	121,915.68
29	Total Other Power Supply Expenses	39,150,384.83	(4,062,402.42)
30	Total Power Production Expenses	50,537,505.21	(6,175,275.32)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering	6,197.76	0.00
34	561 Load Dispatching		
35	562 Station Expenses	178,711.97	(72,869.46)
36	563 Overhead Line Expenses		
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	9,712,950.39	(937,673.91)
39	566 Miscellaneous Transmission Expenses	99,999.74	(148,698.42)
40	567 Rents	10,938.96	0.00
41	Total Operation	10,008,798.82	(1,159,241.79)
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		
47	572 Maintenance of Underground Lines		6,039.82
48	573 Maintenance of Miscellaneous Transmission Plant		(1,948.46)
49	Total Maintenance	0.00	4,091.36
50	Total Transmission Expenses	10,008,798.82	(1,155,150.43)

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	230,071.88	(20,942.82)
4	581 Load Dispatching	309,983.31	(54,109.16)
5	582 Station Expenses	61,367.75	9,474.81
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses		(544.65)
8	585 Street Lighting and Signal Systems Expenses	95.00	95.00
9	586 Meter Expenses	790,826.51	(109,141.95)
10	587 Customer Installations Expenses		
11	588 Miscellaneous Distribution Expenses	560,319.28	(41,167.32)
12	589 Rents		(487.20)
13	Total Operation	1,952,663.73	(216,823.29)
14	Maintenance:		
15	590 Maintenance Supervision and Engineering	816,780.32	(54,119.12)
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	363,694.55	30,984.44
18	593 Maintenance of Overhead Lines	3,740,242.98	(280,006.80)
19	594 Maintenance of Underground Lines	536,551.56	(276,577.66)
20	595 Maintenance of Line Transformers	582,120.05	30,044.35
21	596 Maintenance of Street Lighting and Signal Systems	170,769.89	(141,764.37)
22	597 Maintenance of Meters		
23	598 Maintenance of Miscellaneous Distribution Plant	1,675.56	1,675.56
24	Total Maintenance	6,211,834.91	(689,763.60)
25	Total Distribution Expenses	8,164,498.64	(906,586.89)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	516,620.69	(52,000.28)
29	902 Meter Reading Expenses	660,302.59	(43,606.53)
30	903 Customer Records and Collection Expenses	2,369,116.69	(157,860.47)
31	904 Uncollectible Accounts	162,394.00	(428,085.00)
32	906 Miscellaneous Customer Accounts Expenses	11,600.00	(3,900.33)
33	Total Customer Accounts Expenses	3,720,033.97	(685,452.61)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	59,374.32	16,062.22
38	913 Advertising Expenses	7,998.06	(40,339.38)
39	916 Miscellaneous Sales Expenses	15,494.40	0.00
40	Total Sales Expenses	82,866.78	(24,277.16)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries	2,011,429.59	(105,941.58)
44	921 Office Supplies and Expenses	111,147.70	(14,893.74)
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	375,329.22	(47,153.71)
47	924 Property Insurance	518,946.02	8,310.57
48	925 Injuries and Damages	304,135.81	31,479.32
49	926 Employee Pensions and Benefits	(2,601,337.16)	1,242,027.64
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	892,195.47	(129,689.96)
54	931 Rents		
55	933 Transportation Expenses	15,174.36	(31,871.40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	Total Operation	1,627,021.01	952,267.14
1	ADMINISTRATIVE AND GENERAL EXPENSES-Continued	1,627,021.01	952,267.14
2	Maintenance:		
3	932 Maintenance of General Plant	762,888.91	16,917.06
	935 Maintenance of Gen Plant & Information Systems	1,512,031.66	(40,096.34)
4	Total Administrative and General Expenses	3,901,941.58	929,087.86
5	Total Electric Operation and Maintenance Expenses	76,415,645.00	(8,017,654.55)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification	Operation	Maintenance	Total
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	6,468,633.47	4,288,821.66	10,757,455.13
9	Nuclear Power	273,385.75	0.00	273,385.75
10	Other Power Generation	329,595.99	0.00	329,595.99
11	Other Power	39,150,384.83	26,683.51	39,177,068.34
12	Other Power Supply Expenses			
13	Total Power Production Expenses	46,222,000.04	4,315,505.17	50,537,505.21
14	Transmission Expenses	10,008,798.82	0.00	10,008,798.82
15	Distribution Expenses	1,952,663.73	6,211,834.91	8,164,498.64
16	Customer Accounts Expenses	3,720,033.97		3,720,033.97
17	Sales Expenses	82,866.78		82,866.78
18	Administrative and General Expenses	1,627,021.01	2,274,920.57	3,901,941.58
19	Total Electric Operation and			
20	Maintenance Expenses	63,613,384.35	12,802,260.65	76,415,645.00
21	Ratio of Operating Expenses to Operating Revenues		78.22%	
22	Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts.		18,665,559.26	
23	Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)		158	

ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	SOURCES OF ENGERY		
2	Generation (excluding station use):		
3	Steam		33,589,000
4	Nuclear		10,939,700
5	Hydro		
6	Other		
7	Total Generation		44,528,700
8	Purchases		
9		In (gross) 636,704,210	
10	Interchanges	Out (gross)	636,704,210
11		Net (kWh)	
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	TOTAL		681,232,910
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		
18	Sales for Resale		640,322,901
19	Energy furnished without charge		4,604,483
20	Energy used by the company (excluding station use):		4,945,679
21	Electric Department only		
22	Energy Losses:		
23	Transmission and conversion losses		
24	Distribution Losses		
25	Unaccounted for losses		
26	Total Energy Losses		31,359,847
27	Energy Losses as percent of total on line 15	4.60%	
28	TOTALS		681,232,910

MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	115,470	Thursday	31	7:00 PM	60 MIN	60,851,320
30	FEBRUARY	99,580	Tuesday	12	7:00 PM	60 MIN	53,684,140
31	MARCH	93,770	Tuesday	5	7:00 PM	60 MIN	55,935,890
32	APRIL	90,500	Monday	8	8:00 PM	60 MIN	48,819,060
33	MAY	101,450	Monday	27	8:00 PM	60 MIN	50,394,100
34	JUNE	116,990	Wednesday	26	6:00 PM	60 MIN	55,112,680
35	JULY	139,920	Tuesday	30	2:00 PM	60 MIN	73,208,520
36	AUGUST	148,830	Thursday	22	7:00 PM	60 MIN	67,479,550
37	SEPTEMBER	138,920	Wednesday	4	9:00 PM	60 MIN	52,673,660
38	OCTOBER	96,240	Monday	7	8:00 PM	60 MIN	50,490,350
39	NOVEMBER	95,470	Monday	18	6:00 PM	60 MIN	52,963,560
40	DECEMBER	100,180	Thursday	19	8:00 PM	60 MIN	59,620,080
41						Total	681,232,910

GENERATING STATION STATISTICS

Line No.	Item	Decommissioned		
		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)		28,300	110,000
6	Net peak demand on plant-kilowatts (60 min.)		26,000	110,000
7	Plant hours connected to load		111	1,223
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		44	44
12	Net generation, exclusive of station use		235,520	25,036,940
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	152,136	592,262
15	Structures and Improvements	10,652,367	2,249,705	8,471,772
16	Reservoirs, dams and waterways			
17	Equipment costs	5,362,853	7,668,661	63,104,687
18	Roads, railroads, and bridges			
19	Total Cost	16,039,393	10,070,502	72,168,721
20	Cost per kw of installed capacity		356	656
21	Production Expenses:			
22	Operation Supervision and Engineering		239,393	476,924
23	Station Labor		631,118	2,373,116
24	Fuel		184,523	216,118
25	Supplies and expenses, including water		270,271	655,717
26	Maintenance		1,991,604	2,263,010
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	0	3,316,909	5,984,885
31	Expenses per net KWH (5 places)		14.08334	0.23904
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		605.74	1,630.71
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		481,347	55,083
36	Average cost of fuel per unit, del. f.o.b. plant		304.6240961	132.5300023
37	Average cost of fuel per unit consumed		304.6240961	132.5300023
38	Average cost of fuel consumed per million B.t.u.		15.0680401	57.2861396
39	Average cost of fuel consumed per kwh net gen.		0.7834706	0.0086320
40	Average B.t.u. per kwh net generation		51,996	151
41				
42				

GENERATING STATION STATISTICS

Plant (e)	Plant West Water Street	Plant (g)	Plant (i)	Plant (j)	Line No.
					1
					2
	2017				3
	2017				4
					5
	9,990				6
	9,990				7
	88				8
					9
	9,990				10
	9,990				11
	3				12
8,316,200	1,312,240				13
					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
1,319,064	178,710				24
					25
	176,570				26
					27
					28
					29
1,319,064	355,280				30
0.15861					31
Natural Gas	ULSD				32
MCU ft.	Oil Bbls.				33
					34
401,334	2,167				35
					36
3.29	82.4688509				37
3.29	82.4688509				38
0.0081894	0.1361870				39
0.1586138	0.1361870				40
0	6				41
					42

Note: All Cost Figures included under column D

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
											8
											9
											10
											11
Note A: 7500 KW No. 3 unit not operated since 1974. Unit is considered inefficient and unreliable.											12
											13
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.											14
											15
											16
											17
											18
											19
											20
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											22
											23
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											33
											34
											35
											36
TOTALS										118,300	37

COMBUSTION ENGINE AND OTHER GENERATING STATIONS

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					
3							
4							
5	West Water Street	500 West Water St	Diesel	Caterpillar	2017	4	Direct
6		Taunton, Ma					
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
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35							
36							
37							
38							
39							

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
									9
									10
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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)		Number of Circuits (g)	Size of Conductor and Materials (h)
	From (a)	To (b)			On Structure Line Designated (e)	On Structure Another Line (f)		
1	Gen St # 2 (Cleary-Flood)	Switch Sta 2	115 KV	Sp. Wd. St	0.91	NONE	1	795 A
2								
3								
4	Gen St # 2 (Cleary-Flood)	Switch Sta 2	115 KV	Wood Poles	0.91	NONE	1	795 A
5								
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								
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41								
42								
43								
44								
45								
46								
47	TOTALS				8.12	0	8	

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	542.12		542.12
2	Added During Year	0.25		0.25
3	Retired During Year			0.00
4	Miles - End of Year	542.37		542.37
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	24,853	40,755	7,949	334,454.50
17	Additions during year:				
18	Purchased		2,048	25	1,325.00
19	Installed	367			
20	Assoc. with utility plant acquired				
21	Total Additions	367	2,048	25	1,325.00
22	Reductions during year:				
23	Retirements	25	1,280	97	5,589.50
24	Assoc. with utility plant sold				
25	Total Reductions	25	1,280	97	5,589.50
26	Number at End of Year	25,195	41,523	7,877	330,190.00
27	In Stock		2,958	2,274	62,006.00
28	Locked meters on customers' permises		416		
29	Inactive transformers on system				
30	In customers' use		38,113	5,603	268,184.00
31	In company use		36		
32	Number at End of Year	0	41,523	7,877	330,190.00

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) (b)	Miles (c)		Operating Voltage (d)	Feet (e)
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	Feeder 1614.81	0.30	0.30	3-1/C	13800V	
34	Feeder 1614.12	0.40	0.40	3-1/C	13800V	

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	Feeder 1814 Ngrid	0.90	0.90	3-1/C		13800V
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
TOTALS		40.14	59.01			

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	7,421	4		157	28	4,511	461	1,954	306
3										
4										
5	Raynham	910	46	1	28	29	229	296	154	127
6										
7										
8	North Dighton	184			49		86	23	9	17
9										
10										
11										
12	Berkley	256				15	37	127	20	57
13										
14										
15										
16	Lakeville	0								
17								2		5
18										
19	Bridgewater	4					1		3	
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
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34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45	Totals	8,775	50	1	234	72	4,864	909	2,140	512

RATE SCHEDULE INFORMATION

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

See sheets following

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Kenneth Goulart

MANAGER OF ELECTRIC LIGHT

Peter J. Cox

Madeline Blodgett

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