

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,

2018

THE COMMONWEALTH OF MASSACHUSETTS

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DEPARTMENT OF PUBLIC UTILITIES

FOR THE YEAR ENDED DECEMBER 31,

2018

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 Hoyer 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 4,125,032,614
Commercial, Industrial and Personal 1,088,899,853
9. Tax rate for all purposes during the year:
Residential and Opens Space \$15.76
Commercial, Industrial and Personal \$34.24
10. Amount of Manager's salary:
11. Amount of Manager's bond: \$10,000
12. Amount of salary paid to member of municipal light board (each):
\$6,400 Chairman
\$6,000 each other
member

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At Meeting	19 , to paid from	\$
*At Meeting	19 , to paid from	\$
	TOTAL	\$

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

1. Street Lights	\$	880,525
2. Municipal Buildings	\$	4,211,834
3.		

TOTAL	\$	5,092,359
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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			11,840,000
	TOTAL	52,616,500				11,840,000

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. 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	764,998.63	2,665.70				767,664.33
8	311 Structures and Improvements	21,262,122.09	62,069.46				21,324,191.55
9	312 Boiler Plant Equipment	43,298,872.99	148,192.14				43,447,065.13
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	26,628,190.94	404,242.66				27,032,433.60
12	315 Accessory Electric Equipment	2,936,227.55	5,250.00				2,941,477.55
13	316 Miscellaneous Power Plant Equipment						
14		1,350,142.13	26,278.37				1,376,420.50
15	Total Steam Production Plant	96,275,228.66	648,598.33	0.00	0.00	0.00	96,923,926.99
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	148,663.38			(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's	685,155.04					685,155.04
15 343	Prime Movers						
16 344	Generators	83,406.68					83,406.68
17 345	Accessory Electric Equipment	407,598.29					407,598.29
18 346	Misc. Power Plant Equipment						
19	Total Other Production Plant	1,218,883.70	0.00	0.00	0.00	0.00	1,218,883.70
20	Total Production Plant	98,663,008.64	648,698.33	0.00	(300.00)	0.00	99,311,406.97
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					2,265,111.24
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	0.00	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	12,282,449.39	399,003.62				12,681,453.01
4	363 Storage Battery Equipment	202,716.11					202,716.11
5	364 Poles, Towers, and Fixtures	12,511,776.51	723,761.73				13,235,538.24
6	365 Overhead Conductors and Devices	24,522,777.10	1,374,021.54				25,896,798.64
7	366 Underground Conduit	7,038,955.52	613,841.34				7,652,696.86
8	367 Underground Conductors and Devices	14,011,074.24	957,516.31				14,968,590.55
9	368 Line Transformers	19,751,911.42	1,448,695.87				21,200,607.29
10	369 Services	3,031,628.95	224,011.87				3,255,640.82
11	370 Meters	4,510,031.63	207,566.29				4,717,597.92
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	5,065,046.76	904,161.17				5,969,207.93
15							
16	Total Distribution Plant	108,280,154.93	6,852,579.74	0.00	0.00	0.00	115,132,734.67
5. GENERAL PLANT							
17	389 Land and Land Rights	545,324.08					545,324.08
18	390 Structures and Improvements	6,877,583.78	52,122.57				6,929,706.35
19	391 Office Furniture and Equipment	9,204,659.24	91,420.92	(357,279.01)			8,938,801.15
20	392 Transportation Equipment	3,705,951.33	3,215.00				3,709,166.33
21	393 Stores Equipment	213,162.79	790.00				213,952.79
22	394 Tools, Shop and Garage Equipment	136,783.39	28,168.17				164,951.56
23	395 Laboratory Equipment	20,967.76					20,967.76
24	396 Power Operated Equipment	30,078.08					30,078.08
25	397 Communication Equipment	20,104,422.57	1,430,357.60				21,534,780.17
26	398 Miscellaneous Equipment	254,358.02					254,358.02
27	399 Other Tangible Property	1,541,170.00	247,698.00				1,788,868.00
28							
29	Total General Plant	42,634,461.04	1,853,772.26	(357,279.01)	0.00	0.00	44,130,954.29
30	Total Electric Plant in Service	257,240,591.44	9,355,050.33	(357,279.01)	(300.00)	0.00	266,238,062.76
31							Total Cost of Electric Plant
32							266,238,062.76
33							Less Cost of Land, Land Rights, Rights of Way
34							3,854,066.94
							Total Cost Upon which Depreciation is based
							262,383,995.82

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	111,520,461.53	18,462,440.82
3	101 Utility Plant-Gas (pg 20)			
4				
5	Total Utility Plant	93,058,020.71	111,520,461.53	18,462,440.82
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	1,036,825.43	1,076,316.43	39,491.00
11	1205 Amortization of Nuclear Fuel	(1,260,575.39)	(1,319,152.55)	58,577.16
12	121 Non Utility Property			
13	126 Depreciation Fund (pg 14)	19,208,817.75	15,508,817.75	(3,700,000.00)
14	128 Other Sepcial Funds	14,306,287.54	13,732,510.17	(573,777.37)
15	Total Funds	33,589,489.78	29,296,626.25	(4,292,863.53)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash	19,876,109.33	21,249,640.91	1,373,531.58
18	132 Special Deposits	1,838,229.65	1,898,776.41	60,546.76
19	133 Restricted Cash			
20	134 Other Special Deposits	1,550,537.18	1,680,789.18	130,252.00
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	8,184,747.36	8,912,608.84	727,861.48
24	143 Other Accounts Receivable	4,957.18	4,966.57	9.39
25	146 Receivables from Municipality	4,824.96	4,802.61	(22.35)
26	151 Materials and Supplies (pg 14)	5,253,121.31	5,839,432.62	586,311.31
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	13,077,056.26	10,954,159.90	(2,122,896.36)
30	174 Miscellaneous Current Assets	789,493.32	231,569.14	(557,924.18)
31	Total Current Assets	50,582,776.55	50,780,446.18	197,669.63
32	DEFERRED DEBITS			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	(1,827.19)	0.00	1,827.19
36	185 Other Defferred Debits	(123.69)	(123.69)	0.00
37	Total Deferred Debits	(1,950.88)	(123.69)	1,827.19
38				
39	Total Assets and Other Debits	177,228,336.16	191,597,410.27	14,369,074.11

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	39,528,000.00	41,278,500.00	1,750,500.00
6	207 Appropriation for Construction Repayments	32,433.98	32,433.98	0.00
7	208 Unappropriated Earned Surplus (pg 12)	82,010,605.83	52,732,833.47	(29,277,772.36)
8	Total Surplus	121,571,039.81	94,043,767.45	(27,527,272.36)
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	13,590,500.00	11,840,000.00	(1,750,500.00)
11	229 Accumlated Provision for rate refunds	6,000,000.00	2,300,000.00	(3,700,000.00)
12	231 Notes Payable (pg 7)	0.00		0.00
13	Total Bonds and Notes	2,000,000.00	14,140,000.00	12,140,000.00
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	7,072,858.76	9,847,486.03	2,774,627.27
16	234 Payables to Municipality	39,027,226.54	69,312,329.54	30,285,103.00
17	235 Customer's Deposits	1,795,540.93	1,854,442.97	58,902.04
18	236 Taxes Accrued			
19	237 Interstet Accrued	112,584.05	112,334.76	(249.29)
20	241 Tax Collections Payable	(71,865.24)	(70,277.54)	1,587.70
21	242 Misc Current and Accrued Liabilities	(4,379,087.99)	(4,676,701.83)	(297,613.84)
22	243 Master Trust Fund Liab - Seabrook	164,355.43	164,355.43	0.00
23	245 Deferred Revenue Liability	0.00		0.00
24	Total Current and Accrued Liabilites	43,721,612.48	76,543,969.36	32,822,356.88
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt	1,038,215.00	1,003,188.00	(35,027.00)
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	501,387.14	501,699.53	312.39
29	Total Deferred Credits	501,387.14	1,504,887.53	1,003,500.39
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	1,726,877.49	2,173,186.65	446,309.16
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	1,726,877.49	2,173,186.65	446,309.16
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	2,947,799.28	3,191,599.28	243,800.00
39	Total Liabilities and Other Credits	172,468,716.20	191,597,410.27	19,128,694.07

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.....\$	2,947,500
Since 1923 Transferred to City for tax reduction.....\$	103,475,476
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)	102,469,566.37	4,270,224.00
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	72,249,015.91	7,518,823.21
5	402 Maintenance Expenses (p. 42 and 47)	12,184,283.64	1,546,899.26
6	403 Depreciation Expenses	7,873,124.27	37,963.60
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	Total Operating Expenses	92,306,423.82	9,103,686.07
11	Operating Income	10,163,142.55	(4,833,462.07)
12	414 Other Utility Operating Income (p. 50)		
13			
14	Total Operating Income	10,163,142.55	(4,833,462.07)
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	633,442.00	(1,104,205.00)
18	421 Miscellaneous Non-Operating Income	246,683.27	89,437.25
19	Total Other Income	880,125.27	(1,014,767.75)
20	Total Income	11,043,267.82	(5,848,229.82)
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	11,043,267.82	(5,848,229.82)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	491,807.00	210,629.00
28	428 Amortization of Debt Discount and Expenses		
29	429 Amortization of Premium on Debt - Credit	35,027.00	35,027.00
30	431 Other Interest Expenses		
31	432 Interest Charged to Construction - Credit		
32	Total Interest Charges	526,834.00	245,656.00
33	NET INCOME	10,516,433.82	(6,093,885.82)

EARNED SURPLUS

Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		82,010,605.83
35			
36	Adjustments for Previous Periods	33,155,078.00	
37	433 Balance Transferred from Income		6,726,805.64
38	434 Miscellaneous Credits to Surplus (p. 21)		
39	435 Miscellaneous Debits to Surplus (p. 21)	2,947,500.00	
40	436 Appropriations of Surplus (p. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	52,634,833.47	
43			
44	TOTALS	88,737,411.47	88,737,411.47

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items	Amount
1	Operation Fund	21,249,640.91
2	Interest Fund	1,680,789.18
3	Bond Fund	
4	Restricted Fund	
5	Customer Deposit	1,898,776.41
6	Petty Cash Fund	3,700.00
7	Special Deposits	
8		
9		
10		
11		
12	TOTAL	24,832,906.50

MATERIALS AND SUPPLIES (Accounts 151-159,163)

		Electric	Gas
13	Fuel (Account 151) (See Schedule, p.25)	3,267,538.57	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	2,571,894.05	
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	5,839,432.62	

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	\$19,208,817.75
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	\$19,208,817.75
<u>CREDITS</u>	
AMOUNTS EXPENDED FOR CONSTRUCTION	\$3,700,000.00
AMOUNTS EXPENDED FOR RENEWALS VIZ BOND PRINCIPAL AND INTEREST PAYMENT FOR UNIT	
BALANCE ON HAND AT END OF YEAR	\$15,508,817.75
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	764,998.63	2,665.70				767,664.33
8	311 Structures and Improvements	7,014,603.25	62,069.46	548,502.66			6,528,170.05
9	312 Boiler Plant Equipment	12,757,859.82	148,192.14	980,872.06			11,925,179.90
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	5,262,675.01	404,242.66	513,517.13			5,153,400.54
12	315 Accessory Electric Equipment	191,058.63	5,250.00	8,396.96			187,911.67
13	316 Miscellaneous Power Plant Equipment						
14		267,224.24	26,278.37	27,617.28			265,885.33
15	Total Steam Production Plant	26,293,093.91	648,698.33	2,078,906.09	0.00	0.00	24,862,886.15
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	27,775.85		5,626.79			22,149.06
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	176,739.23	(300.00)	5,626.79	0.00	0.00	170,812.44

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's	18,504.02		4,801.73			13,702.29
15	343 Prime Movers						
16	344 Generators						
17	345 Accessory Electric Equipment						
18	346 Misc. Power Pant Equipment						
19	Total Other Production Plant	18,504.02	0.00	4,801.73	0.00	0.00	13,702.29
20	Total Production Plant	26,488,337.16	648,398.33	2,089,334.61	0.00	0.00	25,047,400.88
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	112,257.02		4,556.52			107,700.50
25	353 Station Equipment	237,556.88		13,178.36			224,378.52
26	354 Towers and Fixtures	8,875.37		467.19			8,408.18
27	355 Poles and Fixtures	37,080.31		6,020.72			31,059.59
28	356 Overhead Conductors and Devices	9,053.96		1,392.83			7,661.13
29	357 Underground Conduit	11,831.30		473.30			11,358.00
30	358 Underground Conductors and Devices	1,760.05		135.62			1,624.43
31	359 Roads and Trails						
32	Total Transmission Plant	634,499.93	0.00	26,224.54	0.00	0.00	608,275.39

UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	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	164,392.50		16,275.28			148,117.22
3	362 Station Equipment	4,261,655.72	399,003.62	452,704.14			4,207,955.20
4	363 Storage Battery Equipment	356.84		120.04			236.80
5	364 Poles, Towers, Fixtures	3,874,840.84	723,761.73	295,251.57			4,303,351.00
6	365 Overhead Conductors and Devices	11,096,519.52	1,374,021.54	839,184.03			11,631,357.03
7	366 Underground Conduit	2,385,066.91	613,841.34	153,200.19			2,845,708.06
8	367 Underground Conductors and Devices	7,062,575.89	957,516.31	425,838.67			7,594,253.53
9	368 Line Transformers	10,430,295.39	1,448,695.87	686,404.96			11,192,586.30
10	369 Services	1,390,449.96	224,011.87	94,009.62			1,520,452.21
11	370 Meters	1,467,954.18	207,566.29	109,388.77			1,566,131.70
12	371 Installations on Cust Premises	17,762.37		1,366.62			16,395.75
13	372 Leased Prop. on Cust's Premises						
14	373 Street Lighting and Signal Systems	2,698,761.57	904,161.17	143,143.05			3,459,779.69
16	Total Distribution Plant	45,203,419.47	6,852,579.74	3,216,886.94	0.00	0.00	48,839,112.27
17 5. GENERAL PLANT							
18	389 Land and Land Rights	545,324.08					545,324.08
19	390 Structures and Improvements	2,017,945.54	52,122.57	255,827.94			1,814,240.17
20	391 Office Furniture and Equipment	1,878,056.53	(265,858.09)	247,348.36			1,364,850.08
21	392 Transportation Equipment	1,831,952.57	3,215.00	407,831.24			1,427,336.33
22	393 Stores Equipment	19,088.26	790.00	9,522.38			10,355.88
23	394 Tools, Shop and Garage Equipment	72,076.97	28,168.17	6,531.35			93,713.79
24	395 Laboratory Equipment	4,993.63		499.50			4,494.13
25	396 Power Operated Equipment						
26	397 Communication Equipment	9,552,495.40	1,430,357.60	1,152,470.29			9,830,382.71
27	398 Miscellaneous Equipment	35,185.42		6,084.85			29,100.57
28	399 Other Tangible Property	1,541,170.00	247,698.00				1,788,868.00
29	Total General Plant	17,498,288.40	1,496,493.25	2,086,115.91	0.00	0.00	16,908,665.74
30	Total Electric Plant	89,824,544.96	8,997,471.32	7,418,562.00	0.00	0.00	91,403,454.28
31	104 Utility Plant Leased to Others						
32	105 Property held for Future Use						
33	107 Construction Work in Progress	16,431,801.79	2,244,655.46				18,676,457.25
34	Total Utility Plant Electric	106,256,346.75	11,242,126.78	7,418,562.00	0.00	0.00	110,079,911.53

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	6,073.73	528,552.22	16,251.90	1,840,830.12
2	Received During Year	2,343,796.65	11,489.95	940,808.08	15,161.39	1,402,988.57
3	TOTAL	4,752,214.14	17,563.68	1,469,360.30	31,413.29	3,243,818.69
4	Use During Year (Note A)	362,026.17	4,217.60	362,026.17		
5	Boiler Fuel	984,351.50			8,552.40	984,351.50
6	Gas Turbine					
7	Water Drained					
8	WWS Prime Movers	109,640.63			1,226.18	109,640.63
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	1,456,018.30	4,217.60	362,026.17	9,778.58	1,093,992.13
13	BALANCE END OF YEAR	3,296,195.84	13,346.08	1,107,334.13	21,634.71	2,149,826.56
	NATURAL GAS MCF		COST			
14	On Hand Beginning of Year					
15	Received During Year	1,389,093	2,987,204.30			
16	TOTAL	1,389,093	2,987,204.30			
17	Used During Year (Note A)	1,389,093	2,987,204.30			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF	1,389,093	2,987,204.30			
26	BALANCE END OF YEAR	0	0.00			

MISCELLANEOUS NONOPERATING INCOME (Account 421)

Line No.	Item	Amount
1	Investment Income	
2	Sale of Allowances	2.01
3	ENE Net Income	247,398.00
4	Gain on Sale of Asset	
5	Loss on Sale of Asset	(716.74)
6	TOTAL	246,683.27

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	2,947,500.00
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	2,947,500.00

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 Schedule	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	15,611,541	2,518,497.23	0.1613
7		City of Taunton Power	12,266,840	1,754,447.60	0.1430
8					
9					
10					
11		TOTALS	27,878,381	4,272,944.83	0.1533

Line No.	Acc't No.	Electric Schedule	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
12					
13		Street Lighting	2,617,959	316,646.56	0.1210
14					
15					
16					
17					
18		TOTALS	2,617,959	316,646.56	0.1210
19		TOTALS	30,496,340	4,589,591.39	0.1505

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	11,319,160	743,215.02	0.0657
21	Pasny	Bus Yard 115 KV	31,584,558	685,081.54	0.0217
22	Energy New England	Bus Yard 115 KV	417,329,318	19,593,750.35	0.0470
23	Fortistar Fall River	Bus Yard 115 KV	21,452,865	1,212,328.75	0.0565
24	ISO New England	Bus Yard 115 KV	116,039,084	17,166,270.52	0.1479
25	Watson	Bus Yard 115 KV	33,762,456	1,728,931.33	0.0512
26					
27					
28					
29		TOTALS	631,487,441	41,129,577.51	0.0661

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	110,950	18,049.98	0.1627
33	N. Attleboro Light	Bus Yard 115 KV	6,792,666	1,375,544.10	0.2025
34	Hudson Light	Bus Yard 115 KV	3,396,371	687,782.61	0.2025
35					
36					
37					
38					
39		TOTALS	10,299,987	2,081,376.69	0.2021

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	44,686,431.99	3,607,445.83	276,935,638	11,379,284	33,800	350
3	442 Commercial and Industrial Sales						
4	Small (or Commercial) see intr. 5	27,447,374.75	1,818,575.49	156,405,623	(2,076,582)	4,517	(11)
5	Large (or Commercial) see intr. 5	25,480,911.89	(268,874.33)	187,451,620	(24,396,280)	73	5
6	444 Municipal Sales (p.22)	4,880,963.78	305,300.57	30,599,560	(153,533)	333	2
7	445 Other Sales to Public Authorities	34,914.42	(11.10)	252,677	(11,725)	5	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	102,530,596.83	5,462,436.46	651,645,118	(15,258,836)	38,728	346
12	447 Sales for Resale	2,081,376.71	93,717.95	10,299,987	2,587,965	3	0
13	Total Sales of Electricity	104,611,973.54	5,556,154.41	661,945,105	(12,670,871)	38,731	346
14	OTHER OPERATING REVENUES						
15	450 Late Payment Interest	33,756.65	32,056.34				
16	451 Discounts Given	(2,813,202.61)	51,471.23				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	104,513.73	(4,888.54)				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	532,525.06	(1,364,569.44)				
21	449 Provision Rate Stabilization						
22							
23							
24							
25	Total Other Operating Revenues	(2,142,407.17)	(1,285,930.41)				
26	Total Electric Operating Revenues	102,469,566.37	4,270,224.00				

* Includes Revenues from application of fuel clauses

0

Total KWH to which applied

276,935,638

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"	209,705,444	33,824,045.33	0.1613	25,990	26,158
2	440	Residential "A-1"	38,626,421	5,814,328.68	0.1505	4,088	4,083
3	440	Residential "A-2"	10,985,634	1,944,331.54	0.1770	1,290	1,297
4	440	Residential "A-3"	15,765,823	2,330,667.83	0.1478	1,018	1,015
5	440	Non Business Residential	1,852,316	773,058.61	0.4173	1,230	1,247
6	442	Commercial "H"	68,980,736	13,036,381.61	0.1890	3,319	3,382
7	442	Commercial "P-1"	83,957,985	13,964,758.87	0.1663	291	288
8	442	Commercial "B-1"	1,101,620	164,502.13	0.1493	2	2
9	442	Commercial Private					
10		Area Lighting	2,365,282	281,732.14	0.1191	820	845
11	442	Industrial "P-2"	187,451,620	25,480,911.89	0.1359	73	73
12							
13		City of Taunton					
14							
15	444	"H"	15,611,541	2,518,497.23	0.1613	323	325
16	444	"P-1"	12,266,840	1,754,447.60	0.1430	8	8
17	444	"P-2"	2,721,179	608,018.95	0.2234	1	1
18		Street Lighting					
19	445	Flat Rate B	3,635	1,037.34	0.2854	1	1
20	445	Flat Rate R	174,909	25,042.36	0.1432	1	1
21	445	Flat Rate N.D.	72,716	8,580.80	0.1180	1	1
22	445	Flat Rate W.B.	1,417	253.92	0.1792	1	1
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
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38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49	Total Sales to Ultimate Consumers		651,645,118	102,530,596.83	16.7341	38,457	38,728

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	847,226.10	162,117.40
5	501 Fuel	4,469,002.92	1,283,329.72
6	502 Steam Expenses	3,654,780.87	658,141.07
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	124,991.02	31,695.26
10	506 Miscellaneous Steam Power Expenses	903,470.93	169,066.29
11	507 Rents		
12	Total Operation	9,999,471.84	2,304,349.74
13	Maintenance:		
14	510 Maintenance Supervision and Engineering	637,945.47	77,465.04
15	511 Maintenance of Structure	231,373.20	(656,310.12)
16	512 Maintenance of Boiler Plant	832,311.63	102,117.60
17	513 Maintenance of Electric Plant	1,124,923.96	646,907.57
18	514 Maintenance of Miscellaneous Steam Plant	152,927.26	(501,923.56)
19	Total Maintenance	2,979,481.52	(331,743.47)
20	Total Power Production Expenses - Steam Power	12,978,953.36	1,972,606.27
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation Supervision and Engineering		
24	518 Fuel	58,577.16	(1,821.46)
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	266,125.20	(7,453.00)
31	526 Other Nuclear Expenses		
32	Total Operation	324,702.36	(9,274.46)
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	324,702.36	(9,274.46)
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	29,929.33	29,929.33
13	547 Fuel	110,706.13	66,202.75
14	548 Generation Expenses	44,684.67	41,553.10
15	549 Miscellaneous Other Power Generation Expenses	1,822.31	1,116.31
16	550 Rents		
17	Total Operation	187,142.44	138,801.49
18	Maintenance:		
19	551 Maintenance Supervision and Engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of Generating and Electric Plant	8,515.34	8,515.34
22	554 Maintenance of Miscellaneous Other Power Generation Plant	679.78	679.78
23	Total Maintenance	9,195.12	9,195.12
24	Total Power Production Expenses - Other Power	196,337.56	147,996.61
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power	42,349,285.64	5,907,681.82
27	556 System Control and Load Dispatching	6,423.48	0.00
28	557 Other Expenses	857,078.13	374,187.85
29	Total Other Power Supply Expenses	43,212,787.25	6,281,869.67
30	Total Power Production Expenses	56,712,780.53	8,393,198.09
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering	6,197.76	0.00
34	561 Load Dispatching		(8,174.47)
35	562 Station Expenses	251,581.43	93,379.31
36	563 Overhead Line Expenses		
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	10,650,624.30	(458,948.95)
39	566 Miscellaneous Transmission Expenses	248,698.16	98,839.49
40	567 Rents	10,938.96	0.00
41	Total Operation	11,168,040.61	(274,904.62)
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)	(12,079.64)
48	573 Maintenance of Miscellaneous Transmission Plant	1,948.46	1,700.82
49	Total Maintenance	(4,091.36)	(10,378.82)
50	Total Transmission Expenses	11,163,949.25	(285,283.44)

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	251,014.70	47,650.88
4	581 Load Dispatching	364,092.47	40,227.21
5	582 Station Expenses	51,892.94	(3,466.13)
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses	544.65	544.65
8	585 Street Lighting and Signal Systems Expenses		
9	586 Meter Expenses	899,968.46	225,016.66
10	587 Customer Installations Expenses		
11	588 Miscellaneous Distribution Expenses	601,486.60	(277,504.18)
12	589 Rents	487.20	487.20
13	Total Operation	2,169,487.02	32,956.29
14	Maintenance:		
15	590 Maintenance Supervision and Engineering	870,899.44	170,584.48
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	332,710.11	117,010.93
18	593 Maintenance of Overhead Lines	4,020,249.78	687,623.27
19	594 Maintenance of Underground Lines	813,129.22	253,701.23
20	595 Maintenance of Line Transformers	552,075.70	271,371.82
21	596 Maintenance of Street Lighting and Signal Systems	312,534.26	55,248.90
22	597 Maintenance of Meters		
23	598 Maintenance of Miscellaneous Distribution Plant		(4,873.92)
24	Total Maintenance	6,901,598.51	1,550,666.71
25	Total Distribution Expenses	9,071,085.53	1,583,623.00
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	568,620.97	122,429.69
29	902 Meter Reading Expenses	703,909.12	83,657.00
30	903 Customer Records and Collection Expenses	2,526,977.16	189,717.46
31	904 Uncollectible Accounts	590,479.00	272,479.00
32	906 Miscellaneous Customer Accounts Expenses	15,500.33	4,315.65
33	Total Customer Accounts Expenses	4,405,486.58	672,598.80
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	43,312.10	(22,447.92)
38	913 Advertising Expenses	48,337.44	40,165.02
39	916 Miscellaneous Sales Expenses	15,494.40	0.00
40	Total Sales Expenses	107,143.94	17,717.10
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries	2,117,371.17	551,178.59
44	921 Office Supplies and Expenses	126,041.44	3,498.35
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	422,482.93	
47	924 Property Insurance	510,635.45	
48	925 Injuries and Damages	272,656.49	
49	926 Employee Pensions and Benefits	(3,843,364.80)	
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	1,021,885.43	
54	931 Rents		
55	933 Transportation Expenses	47,045.76	

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	Total Operation	674,753.87	554,676.94
1	ADMINISTRATIVE AND GENERAL EXPENSES-Continued	674,753.87	554,676.94
2	Maintenance:		
3	932 Maintenance of General Plant	745,971.85	
	935 Maintenance of Gen Plant & Information Systems	1,552,128.00	
4	Total Administrative and General Expenses	2,972,853.72	554,676.94
5	Total Electric Operation and Maintenance Expenses	84,433,299.55	10,936,530.49

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification	Operation	Maintenace	Total
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	9,999,471.84	2,979,481.52	12,978,953.36
9	Nuclear Power	324,702.36	0.00	324,702.36
10	Other Power Generation	187,142.44	0.00	187,142.44
11	Other Power	43,212,787.25	9,195.12	43,221,982.37
12	Other Power Supply Expenses			
13	Total Power Production Expenses	53,724,103.89	2,988,676.64	56,712,780.53
14	Transmission Expenses	11,168,040.61	(4,091.36)	11,163,949.25
15	Distribution Expenses	2,169,487.02	6,901,598.51	9,071,085.53
16	Customer Accounts Expenses	4,405,486.58		4,405,486.58
17	Sales Expenses	107,143.94		107,143.94
18	Administrative and General Expenses	674,753.87	2,298,099.85	2,972,853.72
19	Total Electric Operation and Maintenance Expenses	72,249,015.91	12,184,283.64	84,433,299.55
21	Ratio of Operating Expenses to Operating Revenues		82.40%	
22	Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts.		18,773,556.89	
23	Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)		158	

ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	SOURCES OF ENERGY		
2	Generation (excluding station use):		
3	Steam		76,980,000
4	Nuclear		10,091,945
5	Hydro		
6	Other		
7	Total Generation		87,071,945
8	Purchases		
9		In (gross) 811,012,125	
10	Interchanges	Out (gross)	611,012,125
11		Net (kWh)	
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	TOTAL		698,084,070
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		651,645,118
18	Sales for Resale		10,299,987
19	Energy furnished without charge		5,051,815
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		31,087,150
27	Energy Losses as percent of total on line 15	4.45%	
28	TOTALS		698,084,070

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	Friday	5	7:00 PM	60 MIN	63,114,750
30	FEBRUARY	99,580	Wednesday	7	9:00 PM	60 MIN	51,410,610
31	MARCH	93,770	Tuesday	6	7:00 PM	60 MIN	55,941,590
32	APRIL	90,500	Monday	16	12:00 PM	60 MIN	50,094,270
33	MAY	101,450	Tuesday	29	8:00 PM	60 MIN	52,146,120
34	JUNE	116,990	Tuesday	19	8:00 PM	60 MIN	56,247,090
35	JULY	139,920	Monday	16	7:00 PM	60 MIN	72,233,000
36	AUGUST	148,830	Tuesday	28	7:00 PM	60 MIN	74,453,410
37	SEPTEMBER	138,920	Thursday	6	6:00 PM	60 MIN	57,275,470
38	OCTOBER	96,240	Thursday	11	7:00 PM	60 MIN	52,874,590
39	NOVEMBER	95,470	Wednesday	28	7:00 PM	60 MIN	53,776,020
40	DECEMBER	100,180	Wednesday	19	7:00 PM	60 MIN	58,517,150
41						Total	698,084,070

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		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		2,271,040	4,574,740
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	151,422	589,404
15	Structures and Improvements	10,623,498	2,247,438	8,461,256
16	Reservoirs, dams and waterways			
17	Equipment costs	5,360,984	7,666,193	61,770,221
18	Roads, railroads, and bridges			
19	Total Cost	16,008,655	10,065,053	70,820,881
20	Cost per kw of installed capacity		356	644
21	Production Expenses:			
22	Operation Supervision and Engineering		261,589	528,824
23	Station Labor		866,024	2,908,440
24	Fuel		457,523	997,558
25	Supplies and expenses, including water		281,084	556,181
26	Maintenance	18,477	410,319	1,892,446
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	18,477	2,276,539	6,883,449
31	Expenses per net KWH (5 places)		1.00242	1.50466
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		5,216.48	8,574.64
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		55,894	10,476
36	Average cost of fuel per unit, del. f.o.b. plant		87.7072279	116.3381786
37	Average cost of fuel per unit consumed		87.7072279	116.3381786
38	Average cost of fuel consumed per million B.t.u.		37.3610602	264.4215049
39	Average cost of fuel consumed per kwh net gen.		0.2014597	0.2180579
40	Average B.t.u. per kwh net generation		5,392	825
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
73,727,250	794,000				13
					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
3,013,922	110,706				24
					25
	85,631.00				26
					27
					28
					29
3,013,922	196,337				30
0.04088					31
Natural Gas	ULSD				32
MCU ft.	Oil Bbls.				33
					34
789,103	1,302				35
					36
3.82	85.0119794				37
3.82	85.0119794				38
0.0048402	0.1394282				39
0.0408793	0.1394282				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
											14
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.											15
											16
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											31
											32
											33
											34
											35
											36
TOTALS										118,300	37

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
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									38
									39
TOTALS						26,100	1	26,100	

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	539.98		539.98
2	Added During Year	2.14		2.14
3	Retired During Year			0.00
4	Miles - End of Year	542.12		542.12
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	24,521	40,131	7,863	336,879.00
17	Additions during year:				
18	Purchased		1,550	135	4,625.00
19	Installed	361			
20	Assoc. with utility plant acquired				
21	Total Additions	361	1,550	135	4,625.00
22	Reductions during year:				
23	Retirements	29	926	49	7,049.50
24	Assoc. with utility plant sold				
25	Total Reductions	29	926	49	7,049.50
26	Number at End of Year	24,853	40,755	7,949	334,454.50
27	In Stock		2,466	2,402	75,575.50
28	Locked meters on customers' premises		464		
29	Inactive transformers on system				
30	In customers' use		37,789	5,547	258,879.00
31	In company use		36		
32	Number at End of Year	0	40,755	7,949	334,454.50

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							
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	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		39.44	58.31			

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	7,605	4	1	230	15	3,615	747	2,793	200
3										
4										
5	Raynham	649	49	1	30	33	134	244	22	136
6										
7										
8	North Dighton	181			56		74	9	13	29
9										
10										
11										
12	Berkley	277		4		26	28	124	21	74
13										
14										
15										
16	Lakeville	4						4		
17										
18										
19	Bridgewater	4							4	
20										
21										
22										
23										
24										
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41										
42										
43										
44										
45	Totals	8,720	53	6	316	74	3,851	1,128	2,853	439

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 Gontant

MANAGER OF ELECTRIC LIGHT

Pete J. Co

Joseph M. Martin

Mark E. Blawie

SELECTMEN
OR
MEMBERS
OF THE
MUNICIPAL
LIGHT
BOARD