

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,

2016

THE COMMONWEALTH OF MASSACHUSETTS

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DEPARTMENT OF PUBLIC UTILITIES

FOR THE YEAR ENDED DECEMBER 31,

2016

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

**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	\$97,720,295
3	TOTAL	\$97,720,295
4		
5	EXPENSES:	
6	For operation, maintenance and repairs	77,331,742
7	For interest on bond, notes or scrip	159,581
8	For depreciation fund (2% on \$ 240,420,514.08) page 8B-9A	
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	1,095,000
12	For loss in preceding year	
13	TOTAL	78,586,323
14		
15	COSTS:	
16	Of gas to be used for municipal buildings	
17	Of gas to be used for street lights	
18	Of electricity to be used for municipal buildings	4,698,256
19	Of electricity to be used for street lights	541,609
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	5,239,865

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	6,571
		Berkley, Town of	2,627
		Lakeville, Town of	264
		N. Dighton, Town of	482
		Taunton, City of	27,650
		Bridgewater, Town of	18
		TOTAL	37,612

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	\$	541,609
2. Municipal Buildings	\$	4,698,256
3.		

TOTAL	\$	5,239,865
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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				
			Variable Principal and Interest payments See detail attached			5,610,000
	TOTAL	42,616,500				5,610,000

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					
30-Jun-16		1,200,000					
	TOTAL	137,201,500					

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	761,236.59	1,908.08				763,144.67
8	311 Structures and Improvements	21,090,950.63	122,908.59				21,213,859.22
9	312 Boiler Plant Equipment	42,306,635.02	892,037.45				43,198,672.47
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	26,027,391.39	324,939.04				26,352,330.43
12	315 Accessory Electric Equipment	2,785,315.25	83,158.76				2,868,474.01
13	316 Miscellaneous Power Plant Equipment	1,263,800.46	3,775.29				1,267,575.75
14							
15	Total Steam Production Plant	94,270,003.67	1,428,727.21	0.00	0.00	0.00	95,698,730.88
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	40,023.42	979,909.48				1,019,932.90
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	59,113.38					59,113.38
23	Total Nuclear Production Plant	99,136.80	979,909.48	0.00	0.00	0.00	1,079,046.28

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'is	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	95,588,024.17	2,408,636.69	0.00	0.00	0.00	97,996,660.86
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	133,392.15	41,081.60				174,473.75
25 353	Station Equipment	2,722,100.24					2,722,100.24
26 354	Towers and Fixtures	925,654.65					925,654.65
27 355	Poles and Fixtures	2,265,111.24					2,265,111.24
28 356	Overhead conductors and devices	1,258,796.68					1,258,796.68
29 357	Underground conduit	3,103.55					3,103.55
30 358	Underground conductors and devices	9,569.14					9,569.14
31 359	Roads and Trails						
32	Total Transmission Plant	7,533,812.69	41,081.60	0.00	0.00	0.00	7,574,894.29

TOTAL COST OF PLANT - ELECTRIC

Line No.	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	352,787.78					352,787.78
3	361 Structures and Improvements	1,030,485.39					1,030,485.39
4	362 Station Equipment	10,057,854.50	2,023,867.46				12,081,721.96
5	363 Storage Battery Equipment	202,716.11					202,716.11
6	364 Poles, Towers, and Fixtures	11,706,289.77	418,808.36				12,125,098.13
7	365 Overhead Conductors and Devices	22,978,661.32	1,060,789.87				24,039,451.19
8	366 Underground Conduit	5,637,866.06	729,694.77				6,367,560.83
9	367 Underground Conductors and Devices	12,537,626.70	495,420.02				13,033,046.72
10	368 Line Transformers	18,276,539.40	1,030,909.11				19,307,448.51
11	369 Services	2,681,607.91	146,686.58				2,828,294.49
12	370 Meters	4,169,328.22	161,116.55				4,330,444.77
13	371 Installations on Cust Premises	31,801.47					31,801.47
14	372 Leased Prop on Cust's Premises	3,936,812.66					3,936,812.66
15	373 Street Lighting and Signal Systems	4,143,083.80	370,358.84				4,513,442.64
16	Total Distribution Plant	97,743,461.09	6,437,651.56	0.00	0.00	0.00	104,181,112.65
17	5. GENERAL PLANT						
18	389 Land and Land Rights	527,872.78	17,451.30				545,324.08
19	390 Structures and Improvements	6,502,115.30	332,862.64				6,834,977.94
20	391 Office Furniture and Equipment	8,833,484.36	213,839.00	(3,109.65)			9,044,213.71
21	392 Transportation Equipment	3,684,501.50	228,910.02				3,913,411.52
22	393 Stores Equipment	207,414.79					207,414.79
23	394 Tools, Shop and Garage Equipment	117,677.74	5,119.60				122,797.34
24	395 Laboratory Equipment	15,972.76					15,972.76
25	396 Power Operated Equipment	30,078.08					30,078.08
26	397 Communication Equipment	18,443,566.80	467,515.47				18,911,082.27
27	398 Miscellaneous Equipment	247,624.02	3,367.00				250,991.02
28	399 Other Tangible Property	944,908.00	137,104.00				1,082,012.00
29	Total General Plant	39,555,216.13	1,406,169.03	(3,109.65)	0.00	0.00	40,958,275.51
30	Total Electric Plant in Service	240,420,514.08	10,293,538.88	(3,109.65)	0.00	0.00	250,710,943.31
31						Total Cost of Electric Plant	<u>250,710,943.31</u>
32							
33						Less Cost of Land, Land Rights, Rights of Way	<u>3,053,141.28</u>
34						Total Cost Upon which Depreciation is based	<u>247,657,802.03</u>

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	99,409,149.60	6,351,128.89
3	101 Utility Plant-Gas (pg 20)			
4				
5	Total Utility Plant	93,058,020.71	99,409,149.60	6,351,128.89
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	915,238.81	1,001,281.13	86,042.32
11	1205 Amortization of Nuclear Fuel	(1,131,862.67)	(1,200,176.77)	68,314.10
12	121 Non Utility Property			
13	126 Depreciation Fund (pg 14)	6,808,817.75	6,808,817.75	0.00
14	128 Other Sepcial Funds	9,288,128.83	14,222,000.56	4,933,871.73
15	Total Funds	16,178,457.17	21,130,057.12	4,951,599.95
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash	12,593,592.35	24,767,487.70	12,173,895.35
18	132 Special Deposits	1,654,358.72	1,751,062.03	96,703.31
19	133 Restricted Cash			
20	134 Other Special Deposits	1,881,922.57	2,302,138.18	420,215.61
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	8,952,888.59	8,590,195.78	(362,692.81)
24	143 Other Accounts Receivable	4,100.59	4,091.59	(9.00)
25	146 Receivables from Municipality	4,845.25	6,963.64	2,118.39
26	151 Materials and Supplies (pg 14)	5,740,580.21	5,634,459.69	(106,120.52)
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	10,759,294.43	10,674,049.48	(85,244.95)
30	174 Miscellaneous Current Assets	193,616.31	236,090.63	42,474.32
31	Total Current Assets	41,788,899.02	53,970,238.72	12,181,339.70
32	DEFERRED DEBITS			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	0.00	(1,069.66)	(1,069.66)
36	185 Other Defferred Debits	(123.69)	(123.69)	0.00
37	Total Deferred Debits	(123.69)	(1,193.35)	(1,069.66)
38				
39	Total Assets and Other Debits	151,025,253.21	174,508,252.09	23,482,998.88

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	37,338,000.00	38,433,000.00	1,095,000.00
6	207 Appropriation for Construction Repayments	32,433.98	32,433.98	0.00
7	208 Unappropriated Earned Surplus (pg 12)	63,236,449.16	68,556,732.10	5,320,282.94
8	Total Surplus	100,606,883.14	107,022,166.08	6,415,282.94
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	6,705,000.00	5,610,000.00	(1,095,000.00)
11	229 Accumlated Provision for rate refunds	6,000,000.00	6,000,000.00	0.00
12	231 Notes Payable (pg 7)		1,200,000.00	1,200,000.00
13	Total Bonds and Notes	2,000,000.00	12,810,000.00	10,810,000.00
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	6,557,153.13	7,129,746.26	572,593.13
16	234 Payables to Municipality	37,117,675.31	40,913,792.54	3,796,117.23
17	235 Customer's Deposits	1,609,953.88	1,709,761.73	99,807.85
18	236 Taxes Accrued			
19	237 Interset Accrued	39,444.90	34,635.53	(4,809.37)
20	241 Tax Collections Payable	(41,126.10)	(45,267.63)	(4,141.53)
21	242 Misc Current and Accrued Liabilities	(635,987.58)	693,739.11	1,329,726.69
22	243 Master Trust Fund Liab - Seabrook	164,355.43	164,355.43	0.00
23	245 Deferred Revenue Liability	638,686.15	931,899.28	293,213.13
24	Total Current and Accrued Liabilites	45,450,155.12	51,532,662.25	6,082,507.13
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt			
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	500,692.82	501,063.14	370.32
29	Total Deferred Credits	500,692.82	501,063.14	370.32
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	1,828,835.98	1,710,461.34	(118,374.64)
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	1,828,835.98	1,710,461.34	(118,374.64)
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	638,686.15	931,899.28	293,213.13
39	Total Liabilities and Other Credits	151,025,253.21	174,508,252.09	23,482,998.88

State below if any earnings of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof

Transferred to City of Taunton to tax reduction.....	\$	2,900,000
Since 1923 Transferred to City for tax reduction.....	\$	97,627,976
Since 1934 paid directly for Veteran's Pensions.....	\$	822,866

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account	Current Year	Increase or (Decrease)
1	OPERATING INCOME		
2	400 Operating Revenues (pg. 37 and 43)	99,217,040.25	(315,394.73)
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	64,436,359.81	(8,493,744.61)
5	402 Maintenance Expenses (p. 42 and 47)	10,251,673.01	(154,312.89)
6	403 Depreciation Expenses	6,897,225.42	0.00
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	Total Operating Expenses	81,585,258.24	(8,648,057.50)
11	Operating Income	17,631,782.01	8,332,662.77
12	414 Other Utility Operating Income (p. 50)		
13			
14	Total Operating Income	17,631,782.01	8,332,662.77
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	813,070.47	810,070.47
18	421 Miscellaneous Non-Operating Income	136,544.69	(105,581.25)
19	Total Other Income	949,615.16	704,489.22
20	Total Income	18,581,397.17	9,037,151.99
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	18,581,397.17	9,037,151.99
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	183,909.00	(31,263.26)
28	428 Amortization of Debt Discount and Expenses		
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expenses		
31	432 Interest Charged to Construction - Credit		
32	Total Interest Charges	183,909.00	(31,263.26)
33	NET INCOME	18,397,488.17	9,068,415.25

EARNED SURPLUS

Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		57,967,756.21
35			
36	Adjustments for Previous Periods	1,230,094.80	
37	433 Balance Transferred from Income		18,397,488.17
38	434 Miscellaneous Credits to Surplus (p. 21)		
39	435 Miscellaneous Debits to Surplus (p. 21)	2,900,000.00	
40	436 Appropriations of Surplus (p. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	72,235,149.58	
43			
44		TOTALS	
		76,365,244.38	76,365,244.38

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items	Amount
1	Operation Fund	24,767,487.70
2	Interest Fund	2,302,138.18
3	Bond Fund	
4	Restricted Fund	
5	Customer Deposit	1,751,062.03
6	Petty Cash Fund	3,700.00
7	Special Deposits	
8		
9		
10		
11		
12	TOTAL	28,824,387.91

MATERIALS AND SUPPLIES (Accounts 151-159,163)

	Electric	Gas
13 Fuel (Account 151) (See Schedule, p.25)	3,248,647.76	
14 Fuel Stock Expenses (Account 152)		
15 Residuals (Account 153)		
16 Plant Materials and Operating Supplies (Account 154)	2,385,811.93	
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	5,634,459.69	

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	\$6,808,817.75
INCOME DURING YEAR FROM BALANCE ON DEPOSIT	
AMOUNT TRANSFERRED FROM INCOME	
AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES	
AMOUNT TRANSFERRED FOR RESERVE FOR UNIT 9 PRINCIPAL AND INTEREST PAYMENTS	
TOTAL	\$6,808,817.75
 <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	\$6,808,817.75
TOTAL	\$6,808,817.75

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	761,236.59	1,908.08				763,144.67
8	311 Structures and Improvements	7,934,940.70	122,908.59	542,070.77			7,515,778.52
9	312 Boiler Plant Equipment	13,819,687.27	892,037.45	1,009,155.04			13,702,569.68
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	5,822,023.68	324,939.04	590,217.59			5,556,745.13
12	315 Accessory Electric Equipment	48,208.97	83,158.76	2,368.98			128,998.75
13	316 Miscellaneous Power Plant Equipment	234,239.55	3,775.29	25,253.41			212,761.43
14							
15	Total Steam Production Plant	28,655,011.09	1,428,727.21	2,169,065.79	0.00	0.00	27,914,672.51
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	(939,886.06)	979,909.48	6,572.27			33,451.15
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment	59,113.38					59,113.38
23	Total Nuclear Production Plant	(880,772.68)	979,909.48	6,572.27	0.00	0.00	92,564.53

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	28,108.51		4,800.14			23,308.37
15	343 Prime Movers						
16	344 Generators						
17	345 Accessory Electric Equipment						
18	346 Misc. Power Pant Equipment						
19	Total Other Production Plant	28,108.51	0.00	4,800.14	0.00	0.00	23,308.37
20	Total Production Plant	27,802,346.92	2,408,636.69	2,180,438.20	0.00	0.00	28,030,545.41
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	0.00	41,081.60	4.48			41,077.12
25	353 Station Equipment	260,232.57		13,042.06			247,190.51
26	354 Towers and Fixtures	9,809.75		467.19			9,342.56
27	355 Poles and Fixtures	49,160.68		6,038.01			43,122.67
28	356 Overhead Conductors and Devices	11,840.30		1,393.20			10,447.10
29	357 Underground Conduit						
30	358 Underground Conductors and Devices	2,031.30		135.62			1,895.68
31	359 Roads and Trails						
32	Total Transmission Plant	549,159.64	41,081.60	21,080.56	0.00	0.00	569,160.68

UTILITY PLANT - ELECTRIC

Line No	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	352,787.78					352,787.78
3	361 Structures and Improvements	196,943.10		16,275.29			180,667.81
4	362 Station Equipment	2,789,019.52	2,023,867.46	333,278.95			4,479,608.03
5	363 Storage Battery Equipment	588.69		121.74			476.95
6	364 Poles, Towers, Fixtures	3,653,196.83	418,808.36	287,395.07			3,784,610.12
7	365 Overhead Conductors and Devices	11,172,833.57	1,060,789.87	796,106.87			11,437,516.57
8	366 Underground Conduit	1,236,214.76	729,694.77	124,981.36			1,840,928.17
9	367 Underground Conductors and Devices	6,347,611.93	495,420.02	370,248.01			6,472,783.94
10	368 Line Transformers	10,267,533.86	1,030,909.11	641,257.15			10,657,185.82
11	369 Services	1,206,190.24	146,686.58	80,070.73			1,272,806.09
12	370 Meters	1,323,188.66	161,116.55	95,454.64			1,388,850.57
13	371 Installations on Cust Premises	20,495.61		1,366.62			19,128.99
14	372 Leased Prop. on Cust's Premises						
15	373 Street Lighting and Signal Systems	2,009,653.34	370,358.84	108,614.75			2,271,397.43
16	Total Distribution Plant	40,576,267.89	6,437,651.56	2,855,171.18	0.00	0.00	44,158,748.27
17	5. GENERAL PLANT						
18	389 Land and Land Rights	527,872.78	17,451.30				545,324.08
19	390 Structures and Improvements	2,165,031.28	332,862.64	259,668.35			2,238,225.57
20	391 Office Furniture and Equipment	2,748,708.43	210,729.35	623,334.35			2,336,103.43
21	392 Transportation Equipment	2,155,029.73	228,910.02	383,195.83			2,000,743.92
22	393 Stores Equipment	31,297.31		8,988.39			22,308.92
23	394 Tools, Shop and Garage Equipment	62,481.09	5,119.60	4,481.01			63,119.68
24	395 Laboratory Equipment						
25	396 Power Operated Equipment						
26	397 Communication Equipment	10,341,184.66	467,515.47	1,217,368.73			9,591,331.40
27	398 Miscellaneous Equipment	55,309.41	3,367.00	13,869.13			44,807.28
28	399 Other Tangible Property	944,908.00	137,104.00				1,082,012.00
29	Total General Plant	19,031,822.69	1,403,059.38	2,510,905.79	0.00	0.00	17,923,976.28
30	Total Electric Plant	87,959,597.14	10,290,429.23	7,567,595.73	0.00	0.00	90,682,430.64
31	104 Utility Plant Leased to Others						
32	105 Property held for Future Use	8,246,921.19	479,797.77				8,726,718.96
33	107 Construction Work in Progress						
34	Total Utility Plant Electric	96,206,518.33	10,770,227.00	7,567,595.73	0.00	0.00	99,409,149.60

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

Line No.	Item	Total Cost	Quantity # 6 Oil	Cost	Quantity ULSD Oil	Cost
1	On Hand Beginning of Year	3,462,583.84	8,670.35	881,315.41	21,720.70	2,581,268.43
2	Received During Year	57,702.50	1,022.46	57,702.50		
3	TOTAL	3,520,286.34	9,692.81	939,017.91	21,720.70	2,581,268.43
4	Use During Year (Note A)	210,748.57	2,115.04	210,748.57		
5	Boiler Fuel	71,267.89			603.41	71,267.89
6	Gas Turbine					
7	Water Drained					
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	282,016.46	2,115.04	210,748.57	603.41	71,267.89
13	BALANCE END OF YEAR	3,238,269.88	7,577.77	728,269.34	21,117.29	2,510,000.54
		NATURAL GAS MCF	COST			
14	On Hand Beginning of Year					
15	Received During Year	861,627	2,790,635.33			
16	TOTAL	861,627	2,790,635.33			
17	Used During Year (Note A)	861,627	2,790,635.33			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF	861,627	2,790,635.33			
26	BALANCE END OF YEAR	0	0.00			

MISCELLANEOUS NONOPERATING INCOME (Account 421)

Line No.	Item	Amount
1	Investment Income	
2	Sale of Allowances	
3	ENE Net Income	137,104.00
4	Gain on Sale of Asset	
5	Loss on Sale of Asset	(559.31)
6	TOTAL	136,544.69

OTHER INCOME DEDUCTIONS (Account 426)

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

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

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

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

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

APPROPRIATIONS OF SURPLUS

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

MUNICIPAL REVENUES (Account 482, 444)

Line No.	Acc't No.	Gas Schedule	Cubic Feet	Revenue Received	Average Revenue Per M.C.F. (\$0.0000)
1	482				
2					
3					
4		TOTALS			

Line 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	15,534,636	2,554,143.30	0.1644
7	City of Taunton Power	12,203,220	1,713,478.13	0.1404
8				
9				
10				
11	TOTALS	27,737,856	4,267,621.43	0.1539

Line No.	Electric Schedule	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
12				
13	Street Lighting	3,517,359	505,465.48	0.1437
14				
15				
16				
17				

Line No.	Electric Schedule	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
18	TOTALS	3,517,359	505,465.48	0.1437
19	TOTALS	31,255,215	4,773,086.91	0.1527

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	15,610,343	1,053,028.20	0.0675
21	Pasny	Bus Yard 115 KV	31,757,658	741,526.75	0.0233
22	Energy New England	Bus Yard 115 KV	380,119,103	19,645,784.21	0.0517
23	Fortistar Fall River	Bus Yard 115 KV	28,861,202	1,558,875.47	0.0540
24	ISO New England	Bus Yard 115 KV	146,163,824	8,035,836.51	0.0550
25	Watson	Bus Yard 115 KV	5,149,696	1,763,999.56	0.3425
26					
27					
28					
29	TOTALS		607,661,826	32,799,050.70	0.0540

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities For Which Electric Energy is Purchased	Where and at What Voltage Delivered	K.W.H.	Amount	Revenues Per K.W.H. (\$0.0000)
30	Eastern Edison Co.	Raynham & Taunton	103,250	16,846.03	0.1632
33	N. Attleboro Light	Bus Yard 115 KV	7,235,380	1,261,363.75	0.1743
34	Hudson Light	Bus Yard 115 KV	3,617,730	630,688.37	0.1743
35					
36					
37					
38					
39	TOTALS		10,956,360	1,908,898.15	0.1742

ELECTRIC OPERATING REVENUES (Account 400)

Line No	Account	Revenues Amount For Year	Increase or (Decrease) from Preceding Year	K.W.H. Amount For Year	Increase or (Decrease) from Preceding Year	Customers Number For Year	Increase or (Decrease) from Preceding Year
SALES OF ELECTRICITY							
1							
2	440 Residential Sales	41,535,129.77	(19,931.08)	265,388,600	(7,837,898)	33,060	318
3	442 Commercial and Industrial Sales						
4	Small (or Commercial) see intr. 5	26,347,768.88	(2,500,511.55)	160,384,057	(10,428,945)	4,427	93
5	Large (or Commercial) see intr. 5	25,454,821.39	1,244,981.80	201,001,910	13,214,030	69	4
6	444 Municipal Sales (p.22)	4,780,416.52	(170,505.22)	31,255,215	(1,059,873)	327	1
7	445 Other Sales to Public Authorities	35,364.70	71.89	283,141	(15,633)	5	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	98,153,501.26	(1,445,894.16)	658,312,923	(6,128,319)	37,888	416
12	447 Sales for Resale	1,908,898.15	(321,893.95)	10,956,360	(12,471,096)	3	0
13	Total Sales of Electricity	100,062,399.41	(1,767,788.11)	669,269,283	(18,599,415)	37,891	416
OTHER OPERATING REVENUES							
14							
15	450 Late Payment Interest	21,077.04	(2,347.93)				
16	451 Discounts Given	(2,855,367.74)	75,170.48				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	158,396.29	81,716.48				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	1,830,535.25	1,297,854.35				
21	449 Provision Rate Stabilization						
22							
23							
24							
25	Total Other Operating Revenues	(845,359.16)	1,452,393.38				
26	Total Electric Operating Revenues	99,217,040.25	(315,394.73)				

* Includes Revenues from application of fuel clauses

0

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

265,388,600

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Line No.	Account	Schedule	K.W.H.	Revenues	Average Revenue Per K.W.H. (cents) (0.000)	Number of Customers	
						July 31,	December 31,
1	440	Residential "A"	201,294,795	31,198,954.08	0.1550	25,359	25,512
2	440	Residential "A-1"	37,570,272	5,703,533.97	0.1518	4,077	4,093
3	440	Residential "A-2"	10,150,031	1,720,845.47	0.1695	1,248	1,260
4	440	Residential "A-3"	14,509,983	2,167,563.84	0.1494	1,008	995
5	440	Non Business Residential	1,863,519	744,232.41	0.3994	1,182	1,200
6	442	Commercial "H"	69,429,180	12,297,828.68	0.1771	3,297	3,345
7	442	Commercial "P-1"	87,720,972	13,617,961.52	0.1552	284	299
8	442	Commercial "B-1"	1,013,220	153,384.16	0.1514	2	2
9	442	Commercial Private					
10		Area Lighting	2,220,685	278,594.52	0.1255	776	781
11	442	Industrial "P-2"	201,001,910	25,454,821.39	0.1266	66	69
12							
13		City of Taunton					
14							
15	444	"H"	15,534,636	2,561,472.91	0.1649	323	319
16	444	"P-1"					
17	444	"P-2"	12,203,220	1,713,478.13	0.1404	8	8
18		Street Lighting	3,517,359	505,465.48	0.1437	1	1
19	445	Flat Rate B	5,641	1,114.02	0.1975	1	1
20	445	Flat Rate R	186,689	25,165.46	0.1348	1	1
21	445	Flat Rate N.D.	89,394	8,831.30	0.0988	1	1
22	445	Flat Rate W.B.	1,417	253.92	0.1792	1	1
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
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37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49	Total Sales to Ultimate						
50	Consumers		658,312,923	98,153,501.26	14.9099	37,635	37,888

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	752,851.35	229,187.60
5	501 Fuel	3,229,109.70	(2,569,623.67)
6	502 Steam Expenses	3,324,567.39	(150,799.30)
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	106,225.61	(4,649.66)
10	506 Miscellaneous Steam Power Expenses	852,934.33	83,526.26
11	507 Rents		
12	Total Operation	8,265,688.38	(2,412,358.77)
13	Maintenance:		
14	510 Maintenance Supervision and Engineering	589,989.68	(60,383.87)
15	511 Maintenance of Structure	453,579.57	(6,828.77)
16	512 Maintenance of Boiler Plant	827,426.21	108,126.42
17	513 Maintenance of Electric Plant	859,720.42	336,282.25
18	514 Maintenance of Miscellaneous Steam Plant	495,259.64	15,793.21
19	Total Maintenance	3,225,975.52	392,989.24
20	Total Power Production Expenses - Steam Power	11,491,663.90	(2,019,369.53)
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation Supervision and Engineering		
24	518 Fuel	68,314.10	4,938.27
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	227,063.21	(87,138.12)
31	526 Other Nuclear Expenses		
32	Total Operation	295,377.31	(82,199.85)
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	295,377.31	(82,199.85)
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation Supervision and Engineering		
44	536 Water for Power		
45	537 Hydraulic Expenses		
46	538 Electric Expenses		
47	539 Miscellaneous Hydraulic Power Generation Expenses		
48	540 Rents		
49	Total Operation	0.00	0.00

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	HYDRAULIC POWER GENERATION-Continued		
2	Maintenance:		
3	541 Maintenance Supervision and Engineering		
4	542 Maintenance of Structures		
5	543 Maintenance of Reservoirs, Dams, and Waterways		
6	544 Maintenance of Electric Plant		
7	545 Maintenance of Miscellaneous Hydraulic Plant		
8	Total Maintenance	0.00	0.00
9	Total Power Production Expenses - Hydraulic Power	0.00	0.00
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering		
13	547 Fuel		
14	548 Generation Expenses		
15	549 Miscellaneous Other Power Generation Expenses		
16	550 Rents		
17	Total Operation	0.00	0.00
18	Maintenance:		
19	551 Maintenance Supervision and Engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of Generating and Electric Plant		
22	554 Maintenance of Miscellaneous Other Power Generation Plant		
23	Total Maintenance	0.00	0.00
24	Total Power Production Expenses - Other Power	0.00	0.00
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power	33,859,381.44	(3,960,553.39)
27	556 System Control and Load Dispatching	6,423.48	0.00
28	557 Other Expenses	770,534.68	(1,052,857.00)
29	Total Other Power Supply Expenses	34,636,339.60	(5,013,410.39)
30	Total Power Production Expenses	46,423,380.81	(7,114,979.77)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering	6,197.76	(386.06)
34	561 Load Dispatching	12,986.46	496.68
35	562 Station Expenses	195,554.27	27,642.52
36	563 Overhead Line Expenses		
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	10,625,444.89	730,405.90
39	566 Miscellaneous Transmission Expenses	75,728.78	(15,641.28)
40	567 Rents	10,938.96	0.00
41	Total Operation	10,926,851.12	742,517.76
42	Maintenance:		
43	568 Maintenance Supervision and Engineering		
44	569 Maintenance of Structures		
45	570 Maintenance of Station Equipment		(22,750.00)
46	571 Maintenance of Overhead Lines	4,650.00	4,650.00
47	572 Maintenance of Underground Lines		
48	573 Maintenance of Miscellaneous Transmission Plant	34,906.62	34,415.45
49	Total Maintenance	39,556.62	16,315.45
50	Total Transmission Expenses	10,966,407.74	758,833.21

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	210,064.34	(20,688.46)
4	581 Load Dispatching	384,848.23	76,826.76
5	582 Station Expenses	33,205.75	(3,684.55)
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses		
8	585 Street Lighting and Signal Systems Expenses		
9	586 Meter Expenses	826,373.37	33,826.04
10	587 Customer Installations Expenses		
11	588 Miscellaneous Distribution Expenses	727,015.39	(181,201.28)
12	589 Rents		
13	Total Operation	2,181,507.08	(94,921.49)
14	Maintenance:		
15	590 Maintenance Supervision and Engineering	699,575.95	(79,725.98)
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	171,458.48	(84,357.09)
18	593 Maintenance of Overhead Lines	3,002,801.92	(316,501.47)
19	594 Maintenance of Underground Lines	524,689.18	(37,892.65)
20	595 Maintenance of Line Transformers	221,013.91	(48,426.98)
21	596 Maintenance of Street Lighting and Signal Systems	449,104.01	181,590.35
22	597 Maintenance of Meters		(558.28)
23	598 Maintenance of Miscellaneous Distribution Plant	119.33	93.54
24	Total Maintenance	5,068,762.78	(385,778.56)
25	Total Distribution Expenses	7,250,269.86	(480,700.05)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	479,477.11	(18,216.12)
29	902 Meter Reading Expenses	676,986.72	41,649.92
30	903 Customer Records and Collection Expenses	2,325,402.63	(55,436.77)
31	904 Uncollectible Accounts	318,000.00	(964,070.47)
32	906 Miscellaneous Customer Accounts Expenses	11,570.48	114.40
33	Total Customer Accounts Expenses	3,811,436.94	(995,959.04)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	63,805.08	(35,932.17)
38	913 Advertising Expenses	24,285.40	18,359.35
39	916 Miscellaneous Sales Expenses	15,494.40	0.00
40	Total Sales Expenses	103,584.88	(17,572.82)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries	1,710,997.24	(135,319.16)
44	921 Office Supplies and Expenses	108,408.65	29,659.87
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	566,071.29	42,774.45
47	924 Property Insurance	480,045.62	(298,684.37)
48	925 Injuries and Damages	273,856.75	(3,403.83)
49	926 Employee Pensions and Benefits	200,649.17	(69,075.43)
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	768,545.02	(41,204.64)
54	931 Rents		
55	933 Transportation Expenses	107,000.76	(155,111.90)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	Total Operation	4,215,574.50	(630,365.01)
1	ADMINISTRATIVE AND GENERAL EXPENSES-Continued	4,215,574.50	(630,365.01)
2	Maintenance:		
3	932 Maintenance of General Plant	694,497.41	(45,837.06)
	935 Maintenance of Gen Plant & Information Systems	1,222,880.68	(134,101.26)
4	Total Administrative and General Expenses	6,132,952.59	(810,303.33)
5	Total Electric Operation and Maintenance Expenses	74,688,032.82	(8,660,681.80)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification	Operation	Maintenace	Total
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	8,265,688.38	3,225,975.52	11,491,663.90
9	Nuclear Power	295,377.31	0.00	295,377.31
10	Hydraulic Power	0.00	0.00	0.00
11	Other Power	34,636,339.60		34,636,339.60
12	Other Power Supply Expenses			
13	Total Power Production Expenses	43,197,405.29	3,225,975.52	46,423,380.81
14	Transmission Expenses	10,926,851.12	39,556.62	10,966,407.74
15	Distribution Expenses	2,181,507.08	5,068,762.78	7,250,269.86
16	Customer Accounts Expenses	3,811,436.94		3,811,436.94
17	Sales Expenses	103,584.88		103,584.88
18	Administrative and General Expenses	4,215,574.50	1,917,378.09	6,132,952.59
19	Total Electric Operation and			
20	Maintenance Expenses	64,436,359.81	10,251,673.01	74,688,032.82
21	Ratio of Operating Expenses to Operating Revenues		75.28%	
22	Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts.		17,055,662.95	
23	Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)		154	

ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	SOURCES OF ENGERY		
2	Generation (excluding station use):		
3	Steam		80,476,000
4	Nuclear		10,793,486
5	Hydro		
6	Other		
7	Total Generation		91,269,486
8	Purchases		
9		In (gross) 614,304,965	
10	Interchanges	Out (gross)	614,304,965
11		Net (kWh)	
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	TOTAL		705,574,451
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		
18	Sales for Resale		658,312,923
19	Energy furnished without charge		10,956,360
20	Energy used by the company (excluding station use):		4,859,637
21	Electric Department only		
22	Energy Losses:		
23	Transmission and conversion losses		
24	Distribution Losses		
25	Unaccounted for losses		
26	Total Energy Losses		31,445,531
27	Energy Losses as percent of total on line 15	4.46%	
28	TOTALS		705,574,451

MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	107,850	Sunday	24	6:00 PM	60 MIN	59,944,580
30	FEBRUARY	107,850	Monday	15	6:00 PM	60 MIN	55,415,900
31	MARCH	95,510	Thursday	3	7:00 PM	60 MIN	54,819,580
32	APRIL	95,100	Monday	4	8:00 PM	60 MIN	50,528,310
33	MAY	108,370	Tuesday	31	7:00 PM	60 MIN	53,009,788
34	JUNE	118,370	Wednesday	29	6:00 PM	60 MIN	58,740,693
35	JULY	146,250	Tuesday	26	5:00 PM	60 MIN	72,360,312
36	AUGUST	150,470	Friday	12	4:00 PM	60 MIN	74,997,540
37	SEPTEMBER	137,310	Friday	9	5:00 PM	60 MIN	58,953,111
38	OCTOBER	94,290	Tuesday	18	7:00 PM	60 MIN	53,135,682
39	NOVEMBER	98,380	Monday	21	6:00 PM	60 MIN	53,117,705
40	DECEMBER	110,720	Thursday	15	6:00 PM	60 MIN	60,551,250
41						Total	705,574,451

GENERATING STATION STATISTICS

Line No.	Item	Plant	Plant	Plant
		W. Water Street	Cleary-Flood	Cleary-Flood
		Decommissioned		
1	Kind of Plant (Steam, Hydro, int. comb., gas turbine)	Steam	Steam	Combine Cycle
2	Type of Plant Construction (Conventional, outdoor Boiler, full outdoor, etc.)	Conventional	Conventional	Steam-Gas Turbine Conventional
3	Year Originally Constructed	1902	1966	1971
4	Year last unit was installed	1958	1966	1976
5	Total Installed capacity (maximum generator name plate ratings in kw)		28,300	110,000
6	Net peak demand on plant-kilowatts (60 min.)		26,000	110,000
7	Plant hours connected to load		232	749
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water		25,000	110,000
10	(b) When limited by condenser water		25,000	103,000
11	Average number of employees		39	39
12	Net generation, exclusive of station use		1,012,920	961,990
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	151,051	587,921
15	Structures and Improvements	10,531,909	1,972,530	8,709,421
16	Reservoirs, dams and waterways			
17	Equipment costs	5,360,068	7,029,237	61,340,471
18	Roads, railroads, and bridges			
19	Total Cost	15,916,150	9,152,818	70,637,813
20	Cost per kw of installed capacity	#DIV/0!	323	642
21	Production Expenses:			
22	Operation Supervision and Engineering		253,824	487,811
23	Station Labor		778,736	2,518,226
24	Fuel		238,914	71,368
25	Supplies and expenses, including water		288,528	625,940
26	Maintenance	37,220	569,892	2,019,618
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	37,220	2,129,894	5,722,963
31	Expenses per net KWH (5 places)		2.10273	5.94909
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		2,115.04	630.41
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		137,856	142,485
36	Average cost of fuel per unit, del. f.o.b. plant		112.9595658	113.2088641
37	Average cost of fuel per unit consumed		112.9595658	113.2088641
38	Average cost of fuel consumed per million B.t.u.		19.5095773	18.9174303
39	Average cost of fuel consumed per kwh net gen.		0.2358666	0.0741879
40	Average B.t.u. per kwh net generation		12,090	3,922
41				
42				

GENERATING STATION STATISTICS

Plant (e)	Plant (f)	Plant (g)	Plant (i)	Plant (j)	Line No.
					1
					2
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					6
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					9
					10
					11
	79,170,160				12
					13
					14
					15
					16
					17
Note: All Cost Figures included under column D					18
					19
					20
					21
					22
					23
	2,946,626				24
					25
					26
					27
					28
					29
	2,946,626				30
	0.03722				31
Natural Gas					32
MCU ft.					33
					34
	861,627				35
					36
	3.42				37
	3.42				38
	0.0039690				39
	0.0372189				40
	0				41
					42

STEAM GENERATING STATIONS

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Kind of Fuel and Method of Firing (d)	BOILERS		Rated Max. Continuous M lbs. Steam per hour (g)
					Rated Pressure in lbs. (e)	Rated Steam Temperature (f)	
1	Cleary - Flood	1314 Somerset	1 1966	Oil Auto	850	900	300
2		Taunton, MA					
3							
4							
5	Cleary - Flood	1314 Somerset	1 1975	Oil Auto	1800	1000/1000	557
6		Taunton, MA					
7							
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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										6
1975	ABS	1,800	3600		90,000	0.5	30	85	13800	90,000	7
											8
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											37
TOTALS										118,300	118,300

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

Note B: Other units listed above at West Water Street Generation Station Have not operated since October 31, 1978. None of the units at West Water Street have been retired from the books. These units will remain inactive and future retirement of these units or reactivity cannot be determined at this time.

COMBUSTION ENGINE AND OTHER GENERATING STATIONS

PRIME MOVERS

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

PRIME MOVERS-Continued

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

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	536.21		534.05
2	Added During Year	2.00		2.00
3	Retired During Year	0.98		0.98
4	Miles - End of Year	537.23		537.23
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	24,234	37,940	7,990	335,784.50
17	Additions during year:				
18	Purchased		1,100	58	5,350.00
19	Installed	376			
20	Assoc. with utility plant acquired				
21	Total Additions	376	1,100	58	5,350.00
22	Reductions during year:				
23	Retirements	216	216	143	8,930.50
24	Assoc. with utility plant sold				
25	Total Reductions	216	216	143	8,930.50
26	Number at End of Year	24,394	38,824	7,905	332,204.00
27	In Stock		1,228	2,489	95,830.00
28	Locked meters on customers' permises		602		
29	Inactive transformers on system				
30	In customers' use		36,961	5,416	236,374.00
31	In company use		33		
32	Number at End of Year	0	38,824	7,905	332,204.00

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE (Distribution System)

Line No.	Designation of Underground Distribution Systems (a)	Underground Cable			Submarine Cable		
		Miles of Conduit Bank (All Sizes and Types)			Operating Voltage	Feet	Operating Voltage
		(b)	(c)		(d)	(e)	(f)
1	Feeder 104.2 104.3 104.4	1.70	3.34	3-1/C	4160V		
2	Feeder 204.1 204.2 204.3	2.57	4.64	3-1/C	4160V		
3	Feeder 304.1 304.2 304.3	0.08	0.14	3-1/C	4160V		
4	Feeder 504.2 504.3	0.10	0.25	3-1/C	4160V		
5	Feeder 804.1 804.2	0.05	0.07	3-1/C	4160V		
6	Feeder 904.1 904.2	0.10	0.16	3-1/C	4160V		
7	Feeder 1004.1 1004.2	0.79	0.88	3-1/C	4160V		
8	Feeder 1204.1 1204.2 1204.3	0.15	0.23	3-1/C	4160V		
9							
10	Feeder 214.N1	0.75	0.75	3-1/C	13800V		
11							
12							
13	Feeder 214.31	1.04	1.18	3-1/C	13800V		
14	Feeder 514.71	0.53	0.82	3-1/C	13800V		
15							
16	Feeder 1614.11	0.15	0.15	3-1/C	13800V		
17	Feeder 1614.21	1.78	1.78	3-1/C	13800V		
18	Feeder 1614.22	1.75	1.75	3-1/C	13800V		
19	Feeder 1614.24	1.75	1.75	3-1/C	13800V		
20	Feeder 1614.31	1.38	1.62	3-1/C	13800V		
21	Feeder 1614.32	0.08	0.08	3-1/C	13800V		
22	Feeder 1614.41	0.09	0.09	3-1/C	13800V		
23	Feeder 1614.51	0.28	3.76	3-1/C	13800V		
24	Feeder 1614.ET1	0.57	0.57	3-1/C	13800V		
25	Feeder 1614.H1	1.25	1.79	3-1/C	13800V		
26	Feeder 2G14.31	0.03	4.95	3-1/C	13800V		
27	Feeder 2G14.32	0.03	0.03	3-1/C	13800V		
28	Feeder 2G14.42	3.62	2.12	3-1/C	13800V		
29	Feeder 2G14.81	0.10	0.10	3-1/C	13800V		
30	Feeder 2G14.PH	0.10	0.10	3-1/C	13800V		
31	Feeder 1614.DG-ET	0.10	0.10	3-1/C	13800V		
32	Feeder 1614.DG-W	0.10	0.10	3-1/C	13800V		
33							
34							

Cont.

TOTALS

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE (Distribution System)

Line No.	Designation of Underground Distribution Systems (a)	Underground Cable		Submarine Cable		
		Miles of Conduit Bank (All Sizes and Types) (b)	Miles (c)	Operating Voltage (d)	Feet (e)	Operating Voltage (f)
1	Feeder 1814.31	0.11	0.11	3-1/C		13800V
2	Feeder 1814.32	0.50	0.50	3-1/C		13800V
3	Feeder 1814.51	0.11	0.11	3-1/C		13800V
4	Feeder 1814.52	0.11	0.11	3-1/C		13800V
5	Feeder 1814.1P1	1.02	3.51	3-1/C		13800V
6	Feeder 1814.1P2	2.09	3.30	3-1/C		13800V
7	Feeder 1814.1P3	3.39	0.82	3-1/C		13800V
8	Feeder 1814.1P4	0.50	0.51	3-1/C		13800V
9	Feeder 2014.2	0.11	0.11	3-1/C		13800V
10	Feeder 2014.4	0.11	0.11	3-1/C		13800V
11	Feeder 2014.7	0.21	0.21	3-1/C		13800V
12	Feeder 2014.9	0.21	0.21	3-1/C		13800V
13	Feeder 2014.11	1.00	1.00	3-1/C		13800V
14	13.8 KV Service	0.87	1.02	3-1/C		13800V
15	Network Primary	1.36	4.71	3-1/C		13800V
16	Network Secondary	5.40	7.35	3-1/C		13800V
17	Feeder 2014.5	0.21	0.21	3-1/C		13800V
18	Feeder 2014.6	0.21	0.21	3-1/C		13800V
19						
20						
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31						
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33						
34						
TOTALS		38.54	57.41			

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City of Town (a)	Total (b)	Incandescent		Mercury Vapor		LED		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1										
2	Taunton	7,308	4	2	366	128	1,225	131	4,765	687
3										
4										
5	Raynham	795	53	3	30	51	39	27	249	343
6										
7										
8	North Dighton	173			74	3	38	1	26	31
9										
10										
11										
12	Berkley	173		3		26	5	16	13	110
13										
14										
15										
16	Lakeville	5								5
17										
18										
19	Bridgewater	4							4	
20										
21										
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44										
45	Totals	8,458	57	8	470	208	1,307	175	5,057	1,176

RATE SCHEDULE INFORMATION

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

See sheets following

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

AVAILABILITY

This rate is available for private residences, individual apartments, condominiums, and condominium common areas where electricity is used for domestic purposes including lighting, heating, space heating, and incidental power. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service Charge See Minimum Charge Below

Delivery Services:

Distribution Charge	
First 600 kWh	\$0.01381 per kWh
Excess of 600 kWh	\$0.03222 per kWh
Transition Charge	\$0.03385 per kWh
Transmission	\$0.01949 per kWh

Supplier Services:

Generation Charge	
First 600 kWh	\$0.05127 per kWh
Excess of 600 kWh	\$0.06442 per kWh
Total First 600 kWh	\$0.11842 per kWh
Total Excess of 600 kWh	\$0.14998 per kWh

MINIMUM CHARGE

The Service Charge will be billed per meter and is calculated as follows:
For consumption of 0 to 200 kWh/mo the Service Charge is \$9.70.
For consumption of 201 to 300 kWh/mo the Service Charge is $\$9.70 + [(Consumption - 200) \times \$0.0923]$.
For consumption above 300 kWh/mo the Service Charge is \$18.93 per meter.

POWER COST ADJUSTMENT CLAUSE

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

TERM OF CONTRACT

Open order.

DISCOUNT FOR SUPPLEMENTAL SECURITY INCOME RECIPIENTS

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

Taunton Municipal Lighting Plant
ADDITIONAL RESIDENTIAL SERVICE
(RATE 02)

AVAILABILITY

This rate is available for service to any non-business use that resides on a residential property where an existing residential meter simultaneously exists. This rate is also available for service to common areas in a multi-unit housing with less than five units. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service charge		\$14.88
Delivery Services:		
Distribution	First 150 kWh	\$0.03970 per kWh
	Excess of 150 kWh	\$0.08999 per kWh
Transition	First 150 kWh	\$0.04475 per kWh
	Excess of 150 kWh	\$0.10155 per kWh
Transmission	First 150 kWh	\$0.03424 per kWh
	Excess of 150 kWh	\$0.07803 per kWh
Supplier Services		
Generation Charge	First 150 kWh	\$0.11407 per kWh
	Excess of 150 kWh	\$0.11407 per kWh
<hr/>		
Total	First 150 kWh	\$0.23276 per kWh
Total	Excess of 150 kWh	\$0.38364 per kWh

MINIMUM CHARGE

\$14.88 per month per meter.

POWER ADJUSTMENT CLAUSE

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

TERMS OF CONTRACT

Twelve months, and yearly thereafter.

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

AVAILABILITY

This rate is available for small professional, mercantile, commercial, school, church, hospital, public building and any industrial light and power, where the monthly energy usage is below 15,000 kilowatt hours. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service Charge \$24.83

Delivery Services:

Distribution Charge	\$0.03592 per kWh
Transition Charge	\$0.03325 per kWh
Transmission Charge	\$0.02663 per kWh

Supplier Services:

Generation Charge	\$0.06420 per kWh
TOTAL	\$0.16000 per kWh

MINIMUM CHARGE

\$24.83 per month per meter.

POWER COST ADJUSTMENT CLAUSE

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

POWER FACTOR

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

TEMPORARY SERVICE RIDER

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

TERMS OF CONTRACT

Twelve months, and yearly thereafter.

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

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

AVAILABILITY

This rate is available for service to any industrial or commercial use, where the load is in excess of 150 kilovolt-amperes. Service will be applied and measured at Primary voltage. The customer shall supply all transformer and regulating equipment. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service charge \$959.90

Delivery Services:

Energy Charges:

Distribution Charge	First 300 Hours	\$0.01128 per kWh
	Excess 300 Hours	\$0.00376 per kWh
Transmission Charge		\$0.00000 per kWh
Transition Charge		\$0.01624 per kWh
	Subtotal First 300 Hours	\$0.02752 per kWh
	Subtotal Excess 300 Hours	\$0.02000 per kWh

Demand Charges:

Distribution Charge	\$4.81 per kva
Transmission Charge	\$5.04 per kva
Transition Charge	\$4.94 per kva
Subtotal	\$14.79 per kva

Supplier Services:

Generation Charge	Under 300 Hours	\$0.05823 per kWh
	Over 300 Hours	\$0.05099 per kWh
	Total Under 300 Hours	\$0.08575 per kWh
	Total Over 300 Hours	\$0.07099 per kWh
	Total Demand	\$14.79 per kva

POWER COST ADJUSTMENT CLAUSE

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

BILLING DEMAND DETERMINATION

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

MINIMUM CHARGE

\$ 3,178.40 per month including a minimum billing demand of 150 kilovolt-amperes.

TRANSFORMER RENTAL RIDER

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

TERM OF CONTRACT

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

Taunton Municipal Lighting Plant
ALL ELECTRIC
COMMERCIAL APARTMENT BUILDING
RATE 35

AVAILABILITY

This rate is available for all-electric commercial apartment buildings of 6 apartments or more where electricity is used for all services, who were customers of record as of July 1, 1981. The customer shall arrange the wiring for electric water heaters in such a manner that the Taunton Municipal Lighting Plant could install control equipment to control the water heaters. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service Charge \$154.57

Delivery Services:

Distribution Charge	\$0.02720 per kWh
Transition Charge	\$0.03933 per kWh
Transmission Charge	\$0.02212 per kWh

Supplier Services:

Generation Charge	\$0.05731 per kWh
<u>TOTAL</u>	<u>\$0.14596 per kWh</u>

POWER COST ADJUSTMENT CLAUSE

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

MINIMUM CHARGE

\$154.57 per month per meter.

TERM OF CONTRACT

Twelve months and yearly thereafter.

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

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

AVAILABILITY

This rate is available for general commercial and industrial service where lighting, power, refrigeration and heating are used in accordance with the Taunton Municipal Lighting Plant's general service requirements. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service Charge \$171.33

Delivery Services:

Energy Charges:

Distribution Charge	\$0.00331 per kWh
Transition Charge	\$0.01880 per kWh
<u>Transmission Charge</u>	<u>\$0.00000 per kWh</u>
Subtotal	\$0.02211 per kWh

Demand Charges:

Distribution Charge	\$ 6.56 per kW
Transition Charge	\$ 3.66 per kW
<u>Transmission Charge</u>	<u>\$ 7.02 per kW</u>
Subtotal	\$17.24 per kW

Supplier Services:

<u>Generation Charge</u>	<u>\$0.05582 per kWh</u>
Total Energy	\$0.07793 per kWh
Total Demand	\$17.24 per kW

POWER COST ADJUSTMENT CLAUSE

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

MINIMUM CHARGE

\$343.73 per month, including a minimum billing demand of 10 kW.

DETERMINATION OF DEMAND

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

POWER FACTOR

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

PRIMARY EQUIPMENT DISCOUNT

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

TERM OF CONTRACT

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

Taunton Municipal Lighting Plant
PRIVATE AREA LIGHTING

AVAILABILITY

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

COST OF SERVICE PER MONTH

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

TERMS

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

POWER COST ADJUSTMENT

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

HOURS OF OPERATION

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

INTERMITTENT USE

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

PREVIOUSLY SIGNED INDIVIDUAL AGREEMENTS

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

TERM OF CONTRACT

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

* No longer available on new installations

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

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

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

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

Taunton Municipal Lighting Plant
FARM DISCOUNT

AVAILABILITY

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

TERMS AND CONDITIONS

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

Taunton Municipal Lighting Plant
LED STREET LIGHTING

AVAILABILITY

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

COST OF SERVICE PER MONTH

Rate		
94	Maximum 48 Watt LED	4.75
95	Maximum 130 Watt LED	11.75

TERMS

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

POWER COST ADJUSTMENT

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

HOURS OF OPERATION

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

INTERMITTENT USE

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

PREVIOUSLY SIGNED INDIVIDUAL AGREEMENTS

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

TERM OF CONTRACT

One year, and open order thereafter.

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

Taunton Municipal Lighting Plant
 GENERAL SERVICE – PRIMARY
 INTERRUPTIBLE OPTION
 (RATE 31i)

AVAILABILITY

This rate is available for service to any industrial or commercial use, where the load is in excess of 150 kilovolt-amperes. Service will be applied and measured at Primary voltage. The customer shall supply all transformer and regulating equipment. Customers may not be participating in any other demand response program. Service under this rate is subject to Taunton Municipal Lighting Plant's General Terms and Conditions for Retail Electric Service and its applicable requirements and specifications, as in effect from time to time.

MONTHLY CHARGE

Service Charge \$1,110.00

Delivery Services:

Distribution Charge	First 300 Hours	\$0.01128 per kWh
	Excess 300 Hours	\$0.00376 per kWh
Transition Charge		\$0.01624 per kWh
Transmission Charge		\$0.00000 per kWh
Subtotal	First 300 Hours	\$0.02752 per kWh
Subtotal	Excess 300 Hours	\$0.02000 per kWh

Supplier Services:

Generation Charge	First 300 Hours	\$0.05823 per kWh
	Excess 300 Hours	\$0.05099 per kWh
Total	First 300 Hours	\$0.08575 per kWh
Total	Excess 300 Hours	\$0.07099 per kWh

	Customer 12-mo Peak	Coincident Network Peak	Coincident TMLP Peak
Distribution Demand*	\$5.05 per kVA		
Transition Demand*	\$2.10 per kVA		
Transmission Demand		\$5.29 per kVA	
FCM			\$2.88 per kVA
Schedule 3			\$0.21 per kVA
Total Demand	\$7.15 per kVA	\$5.29 per kVA	\$3.09 per kVA

* Highest peak during most recent 12 months

MINIMUM CHARGE

\$ 3,439.50 per month including a minimum billing demand of 150 kilovolt-amperes.

POWER COST ADJUSTMENT CLAUSE

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

BILLING DEMAND DETERMINATION

Three Billing Demands will be determined for this rate:

- (1) The Billing Demand applicable to the Distribution and Transition Charges shall be determined by comparing the highest fifteen minute kilovolt-ampere demand recorded or indicated in the current month by standard meter and the highest fifteen

minute kilovolt-ampere demand recorded or indicated in the preceding 12 months. The customer will be charged based on the higher of the two demands.

- (2) The Billing Demand applicable to the Transmission charge shall be determined by the customer's Monthly Network Load. Network Load as defined by ISO-New England, customer's kilo-volt ampere demand recorded or indicated coincident with the coincident aggregate load of all Network Customers served in each Local Network in the hour in which the coincident load is at its maximum for the month ("Monthly Peak").
- (3) The Billing Demand applicable to the Schedule 3 and FCM charge shall be determined by the customer's kilo-volt ampere demand recorded or indicated coincident with the annual peak load determined on a 12 month rolling basis within the Taunton Municipal Lighting Plant's service territory.

TRANSFORMER RENTAL RIDER

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

TERM OF CONTRACT

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

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Kenneth Goulet

MANAGER OF ELECTRIC LIGHT

Peter H. Corr

SELECTMEN
OR
MEMBERS
OF THE
MUNICIPAL
LIGHT
BOARD

Joseph M. Martin

Alfred E. Bledwell