

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

CITY

Of

TAUNTON

DEPARTMENT OF PUBLIC UTILITIES

FOR THE YEAR ENDED DECEMBER 31,

2015

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

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,

2015

GENERAL INFORMATION

1. Name of town (or city) making this report.
City of Taunton
2. If the town (or city) has acquired a plant,
Kind of plant, whether gas or electric. Electric
Owner from whom purchased, if so acquired. Taunton Electric Co (December 12, 1895-Oct 7, 1896)
Date of votes to acquire a plant in accordance with the provision of chapter 164 of the General Laws.
Record of votes: First vote: Yes 7: No 0 :
Second vote: Yes 8: No 0:

Date when town (or city) began to sell gas and electricity,
July 1, 1897
3. Name and address of manager of municipal lighting:
Kenneth Goulart
27 Macomber Street
Berkley, MA 02779
4. Name and address of mayor or selectman:
Thomas Hoye Jr
28 Marica Bliss Way
Taunton, MA 02780
5. Name and address of town (or city) treasurer:
Barbara Auger
27 Congress Terrance
Milford, MA 01757
6. Name and address of town (or city) clerk:
Rose Marie Blackwell
2071 County Street
E. Taunton, MA 02718
7. Names and addresses of members of municipal light board:
Peter H. Corr, 126 Washburn St., Taunton, MA 02780
Joseph Martin, 48 General Cobb Street, Taunton, MA 02780
Mark Blackwell Sr., 24 Warren Street, Taunton, MA 02780
8. Total valuation of estates in town (or city) according to last state valuation:
Residential and Open Space 3,504,082,238
Commercial, Industrial and Personal 1,010,264,882
9. Tax rate for all purposes during the year:
Residential and Opens Space \$15.68
Commercial, Industrial and Personal \$33.94
10. Amount of Manager's salary:
11. Amount of Manager's bond: \$10,000
12. Amount of salary paid to member of municipal light board (each):
\$6,400 Chairman
\$6,000 each other
member

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

INCOME FROM PRIVATE CONSUMERS:		<u>AMOUNT</u>
1	From sales of gas	
2	From sales of electricity	\$94,278,224
3	TOTAL	\$94,278,224
4		
5	EXPENSES:	
6	For operation, maintenance and repairs	85,970,447
7	For interest on bond, notes or scrip	188,369
8	For depreciation fund (2% on \$ 240,420,514.08) page 8B-9A	4,808,410
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13	TOTAL	90,967,226
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	2,545,611
19	Of electricity to be used for street lights	949,474
20	Total of the above items to be included in the tax levy	
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	TOTAL 3,495,085

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	6,446
		Berkley, Town of	2,591
		Lakeville, Town of	259
		N. Dighton, Town of	480
		Taunton, City of	27,495
		Bridgewater, Town of	18
		TOTAL	37,289

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	\$	949,474
2. Municipal Buildings	\$	2,545,611
3.		
	TOTAL	\$ 3,495,085

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			6,705,000
			See detail attached			
	TOTAL	42,616,500				6,705,000

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
10	2. OTHER PRODUCTION PLANT						
11 335	Misc Power Plant Equip	42,723.69					42,723.69
12 340	Land and Land Rights						
13 341	Structures and Improvements						
14 342	Fuel holders, prod., and access	685,155.04					685,155.04
15 343	Prime Movers						
16 344	Generators	83,406.68					83,406.68
17 345	Accessory Electric Equipment	407,598.29					407,598.29
18 346	Misc. Power Plant Equipment						
19	Total Other Production Plant	1,218,883.70	0.00	0.00	0.00	0.00	1,218,883.70
20	Total Production Plant	94,793,043.06	1,774,890.59	0.00	(979,909.48)	0.00	95,588,024.17
21	3. TRANSMISSION PLANT						
22 350	Land and Land Rights	181,063.50					181,063.50
23 351	Clearing Land	35,021.54					35,021.54
24 352	Structures and Improvements	133,392.15					133,392.15
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	0.00	0.00	0.00	0.00	7,533,812.69

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	760,759.57	477.02				761,236.59
8	311 Structures and Improvements	19,857,341.34	1,233,609.29				21,090,950.63
9	312 Boiler Plant Equipment	41,965,824.85	340,810.17				42,306,635.02
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	25,865,890.36	161,501.03				26,027,391.39
12	315 Accessory Electric Equipment	2,763,472.69	21,842.56				2,785,315.25
13	316 Miscellaneous Power Plant Equipment	1,247,149.94	16,650.52				1,263,800.46
14							
15	Total Steam Production Plant	92,495,113.08	1,774,890.59	0.00	0.00	0.00	94,270,003.67
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements				(979,909.48)		40,023.42
19	322 Reactor Plant Equipment	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	1,079,046.28	0.00	0.00	(979,909.48)	0.00	99,136.80

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	1,018,084.66	12,400.73				1,030,485.39
3	362 Station Equipment	9,961,342.04	96,512.46				10,057,854.50
4	363 Storage Battery Equipment	3,312.82	199,403.29				202,716.11
5	364 Poles, Towers, and Fixtures	11,154,054.95	552,234.82				11,706,289.77
6	365 Overhead Conductors and Devices	22,894,668.35	83,992.97				22,978,661.32
7	366 Underground Conduit	5,009,098.15	628,767.91				5,637,866.06
8	367 Underground Conductors and Devices	11,037,743.41	1,499,883.29				12,537,626.70
9	368 Line Transformers	18,178,803.13	97,736.27				18,276,539.40
10	369 Services	2,495,844.83	185,763.08				2,681,607.91
11	370 Meters	4,169,328.22					4,169,328.22
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	3,715,046.04	428,037.76				4,143,083.80
15							
16	Total Distribution Plant	93,958,728.51	3,784,732.58	0.00	0.00	0.00	97,743,461.09
5. GENERAL PLANT							
17	389 Land and Land Rights	427,872.78	100,000.00				527,872.78
18	390 Structures and Improvements	6,367,776.66	134,338.64				6,502,115.30
19	391 Office Furniture and Equipment	8,797,381.43	46,811.03	(10,708.10)			8,833,484.36
20	392 Transportation Equipment	3,061,874.75	783,199.75	(160,573.00)			3,684,501.50
21	393 Stores Equipment	207,414.79					207,414.79
22	394 Tools, Shop and Garage Equipment	110,255.21	7,422.53				117,677.74
23	395 Laboratory Equipment	15,972.76					15,972.76
24	396 Power Operated Equipment	30,078.08					30,078.08
25	397 Communication Equipment	16,938,389.23	1,505,177.57				18,443,566.80
26	398 Miscellaneous Equipment	242,672.02	4,952.00				247,624.02
27	399 Other Tangible Property	909,818.00	35,090.00				944,908.00
28							
29	Total General Plant	37,109,505.71	2,616,991.52	(171,281.10)	0.00	0.00	39,555,216.13
30	Total Electric Plant in Service	233,395,089.97	8,176,614.69	(171,281.10)	(979,909.48)	0.00	240,420,514.08
31						Total Cost of Electric Plant	240,420,514.08
32							
33						Less Cost of Land, Land Rights, Rights of Way	2,896,677.90
34						Total Cost Upon which Depreciation is based	237,523,836.18

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	97,857,196.81	4,799,176.10
3	101 Utility Plant-Gas (pg 20)			
4				
5	Total Utility Plant	93,058,020.71	97,857,196.81	4,799,176.10
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	873,079.70	915,238.81	42,159.11
11	1205 Amortization of Nuclear Fuel	(1,068,486.84)	(1,131,862.67)	63,375.83
12	121 Non Utility Property			
13	126 Depreciation Fund (pg 14)	8,308,817.75	6,808,817.75	(1,500,000.00)
14	128 Other Sepcial Funds	4,543,136.07	9,288,128.83	4,744,992.76
15	Total Funds	12,954,681.13	16,178,457.17	3,223,776.04
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash	9,086,876.22	12,593,592.35	3,506,716.13
18	132 Special Deposits	1,547,291.27	1,654,358.72	107,067.45
19	133 Restricted Cash			
20	134 Other Special Deposits	1,881,922.57	1,881,922.57	0.00
21	135 Working Funds	3,700.00	3,700.00	0.00
22	141 Notes Receivable			
23	142 Customer Accounts Receivable	9,153,955.90	8,952,888.59	(201,067.31)
24	143 Other Accounts Receivable	4,110.59	4,100.59	(10.00)
25	146 Receivables from Municipality	4,831.31	4,845.25	13.94
26	151 Materials and Supplies (pg 14)	4,689,100.98	5,740,580.21	1,051,479.23
27	163 Stores Expense			
28	164 Burdens Undistributed			
29	165 Prepayments	2,729,890.73	10,759,294.43	8,029,403.70
30	174 Miscellaneous Current Assets	326,021.95	193,616.31	(132,405.64)
31	Total Current Assets	29,427,701.52	41,788,899.02	12,361,197.50
32	DEFERRED DEBITS			
33	181 Unamortized Debt Discount			
34	182 Extraordinary Property Losses			
35	184 Clearing Accounts	0.00		0.00
36	185 Other Defferred Debits	(123.69)	(123.69)	0.00
37	Total Deferred Debits	(123.69)	(123.69)	0.00
38				
39	Total Assets and Other Debits	88,244,017.70	155,824,429.31	67,580,411.61

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	36,243,000.00	37,338,000.00	1,095,000.00
6	207 Appropriation for Construction Repayments	32,433.98	32,433.98	0.00
7	208 Unappropriated Earned Surplus (pg 12)	68,712,857.97	57,969,311.41	(10,743,546.56)
8	Total Surplus	104,988,291.95	95,339,745.39	(9,648,546.56)
9	LONG TERM DEBT			
10	221 Bonds (pg 6)	7,800,000.00	6,705,000.00	(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)			0.00
13	Total Bonds and Notes	2,000,000.00	12,705,000.00	10,705,000.00
14	CURRENT AND ACCRUED LIABILITIES			
15	232 Accounts Payable	5,738,592.83	6,557,153.13	818,560.30
16	234 Payables to Municipality	7,818,401.12	37,117,675.31	29,299,274.19
17	235 Customer's Deposits	1,503,270.93	1,609,953.88	106,682.95
18	236 Taxes Accrued			
19	237 Interset Accrued	44,304.00	39,444.90	(4,859.10)
20	241 Tax Collections Payable	(56,270.63)	(41,126.10)	15,144.53
21	242 Misc Current and Accrued Liabilities	186,445.70	(635,987.58)	(822,433.28)
22	243 Master Trust Fund Liab - Seabrook	164,355.43	164,355.43	0.00
23	245 Deferred Revenue Liability			
24	Total Current and Accrued Liabilites	15,399,099.38	44,811,468.97	29,412,369.59
25	DEFERRED CREDITS			
26	251 Unamortized Premium on Debt			
27	252 Customer Advances for Construction			
28	253 Other Deferred Credits	500,284.82	500,692.82	408.00
29	Total Deferred Credits	500,284.82	500,692.82	408.00
30	RESERVES			
31	260 Reserves for Uncollectible Accounts	1,393,285.60	1,828,835.98	435,550.38
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	1,393,285.60	1,828,835.98	435,550.38
37	CONTRIBUTIONS IN AID OF CONSTRUCTION			
38	271 Contributions in aid of Construction	763,876.73	638,686.15	(125,190.58)
39	Total Liabilities and Other Credits	125,044,838.48	155,824,429.31	30,779,590.83

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.....\$	94,727,976
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)	99,532,434.98	4,779,806.45
3	Operating Expenses:		
4	401 Operation Expenses (pg 42 and 47)	72,930,104.42	(2,541,680.60)
5	402 Maintenance Expenses (p. 42 and 47)	10,405,985.90	1,406,242.69
6	403 Depreciation Expenses	6,897,225.42	643,625.94
7	407 Amortization of Property Losses		
8			
9	408 Taxes (p. 49)		
10	Total Operating Expenses	90,233,315.74	(491,811.97)
11	Operating Income	9,299,119.24	5,271,618.42
12	414 Other Utility Operating Income (p. 50)		
13			
14	Total Operating Income	9,299,119.24	5,271,618.42
15	OTHER INCOME		
16	415 Income from Merchandising, jobbing and contract work (p. 51)		
17	419 Interest	3,000.00	0.00
18	421 Miscellaneous Non-Operating Income	242,125.94	175,418.85
19	Total Other Income	245,125.94	175,418.85
20	Total Income	9,544,245.18	5,447,037.27
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	9,544,245.18	5,447,037.27
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	215,172.26	(18,383.95)
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	215,172.26	(18,383.95)
33	NET INCOME	9,329,072.92	5,465,421.22

EARNED SURPLUS

Line No.		Debits	Credits
34	208 Unappropriated Earned Surplus (at beginning of period)		68,847,477.97
35			
36	Adjustments for Previous Periods	17,307,239.48	
37	433 Balance Transferred from Income		9,329,072.92
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)	57,969,311.41	
43			
44		TOTALS	
		78,176,550.89	78,176,550.89

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items	Amount
1	Operation Fund	12,593,592.35
2	Interest Fund	1,881,922.57
3	Bond Fund	
4	Restricted Fund	
5	Customer Deposit	1,654,358.72
6	Petty Cash Fund	3,700.00
7	Special Deposits	
8		
9		
10		
11		
12	TOTAL	16,133,573.64

MATERIALS AND SUPPLIES (Accounts 151-159,163)

	Electric	Gas
13	Fuel (Account 151) (See Schedule, p.25)	3,472,961.72
14	Fuel Stock Expenses (Account 152)	
15	Residuals (Account 153)	
16	Plant Materials and Operating Supplies (Account 154)	2,267,618.49
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	5,740,580.21

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	\$8,308,817.75
INCOME DURING YEAR FROM BALANCE ON DEPOSIT	
AMOUNT TRANSFERRED FROM INCOME	
AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES	(\$1,500,000.00)
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	760,759.57	477.02				761,236.59
8	311 Structures and Improvements	7,191,673.74	1,233,609.29	490,342.33			7,934,940.70
9	312 Boiler Plant Equipment	14,504,161.72	340,810.17	1,025,284.62			13,819,687.27
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	6,239,920.32	161,501.03	579,397.67			5,822,023.68
12	315 Accessory Electric Equipment	27,854.98	21,842.56	1,488.57			48,208.97
13	316 Miscellaneous Power Plant Equipment	243,353.03	16,650.52	25,764.00			234,239.55
14							
15	Total Steam Production Plant	29,002,397.69	1,774,890.59	2,122,277.19	0.00	0.00	28,655,011.09
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment	202,983.88		162,960.46			40,023.42
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	262,097.26	0.00	162,960.46	0.00	0.00	99,136.80

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	5,254.95		5,254.95			0.00
12	340 Land and Land Rights						
13	341 Structures and Improvements						
14	342 Fuel holders, prod., and acces/s	32,915.85		4,807.34			28,108.51
15	343 Prime Movers						
16	344 Generators						
17	345 Accessary Electric Equipment						
18	346 Misc. Power Part Equipment						
19	Total Other Production Plant	38,170.80	0.00	10,062.29	0.00	0.00	28,108.51
20	Total Production Plant	29,302,665.75	1,774,890.59	2,295,299.94	0.00	0.00	28,782,256.40
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					0.00
25	353 Station Equipment	273,274.64		13,042.07			260,232.57
26	354 Towers and Fixtures	10,276.94		467.19			9,809.75
27	355 Poles and Fixtures	55,221.16		6,060.48			49,160.68
28	356 Overhead Conductors and Devices	13,234.44		1,394.14			11,840.30
29	357 Underground Conduit						
30	358 Underground Conductors and Devices	2,169.21		137.91			2,031.30
31	359 Roads and Trails						
32	Total Transmission Plant	570,261.43	0.00	21,101.79	0.00	0.00	549,159.64

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	200,323.50	12,400.73	15,781.13			196,943.10
3	362 Station Equipment	3,020,665.13	96,512.46	328,158.07			2,789,019.52
4	363 Storage Battery Equipment	720.41		121.72			598.69
5	364 Poles, Towers, Fixtures	3,729,099.61	199,403.29	275,306.07			3,653,196.83
6	365 Overhead Conductors and Devices	11,414,905.68	552,234.82	794,306.93			11,172,833.57
7	366 Underground Conduit	1,258,435.72	83,992.97	106,213.93			1,236,214.76
8	367 Underground Conductors and Devices	6,065,413.89	628,767.91	346,569.87			6,347,611.93
9	368 Line Transformers	9,352,290.30	1,499,883.29	584,639.73			10,267,533.86
10	369 Services	1,186,832.66	97,736.27	78,378.69			1,206,190.24
11	370 Meters	1,223,984.68	185,763.08	86,559.10			1,323,188.66
12	371 Installations on Cust's Premises	21,862.23		1,366.62			20,495.61
13	372 Leased Prop. on Cust's Premises						
14	373 Street Lighting and Signal Systems	1,675,770.13	428,037.76	94,154.55			2,009,653.34
15	Total Distribution Plant	39,503,091.72	3,784,732.58	2,711,556.41	0.00	0.00	40,576,267.89
5. GENERAL PLANT							
16	17 5. GENERAL PLANT						
17	389 Land and Land Rights	427,872.78	100,000.00				527,872.78
18	390 Structures and Improvements	2,284,518.86	134,338.64	253,826.22			2,165,031.28
19	391 Office Furniture and Equipment	3,327,631.54	36,102.93	615,026.04			2,748,708.43
20	392 Transportation Equipment	1,737,499.55	622,626.75	205,096.57			2,155,029.73
21	393 Stores Equipment	40,285.73		8,988.42			31,297.31
22	394 Tools, Shop and Garage Equipment	59,001.26	7,422.53	3,942.70			62,481.09
23	395 Laboratory Equipment						
24	396 Power Operated Equipment						
25	397 Communication Equipment	9,974,780.57	1,505,177.57	1,138,773.48			10,341,184.66
26	398 Miscellaneous Equipment	64,658.13	4,952.00	14,300.72			55,309.41
27	399 Other Tangible Property	909,818.00	35,090.00				944,908.00
28	Total General Plant	18,826,066.42	2,445,710.42	2,239,954.15	0.00	0.00	19,031,822.69
29	Total Electric Plant	88,202,085.32	8,005,333.59	7,267,912.29	0.00	0.00	88,939,506.62
30	104 Utility Plant Leased to Others						
31	105 Property held for Future Use	4,855,935.39	3,390,985.80	(670,769.00)			8,917,690.19
32	107 Construction Work in Progress						
33	Total Utility Plant Electric	93,058,020.71	11,396,319.39	6,597,143.29	0.00	0.00	97,857,196.81

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

Line No.	Item	Total Cost	Quantity # 6 Oil	Cost	Quantity # 2 Oil	Cost
1	On Hand Beginning of Year	3,728,973.11	8,732.67	1,034,298.09	22,671.02	2,694,675.02
2	Received During Year	101,656.12	2,088.26	101,656.12		
3	TOTAL	3,830,629.23	10,820.93	1,135,954.21	22,671.02	2,694,675.02
4	Use During Year (Note A)	254,638.80	2,150.58	254,638.80		
5	Boiler Fuel	112,953.79			950.32	112,953.79
6	Gas Turbine					
7	Water Drained					
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	367,592.59	2,150.58	254,638.80	950.32	112,953.79
13	BALANCE END OF YEAR	3,463,036.64	8,670.35	881,315.41	21,720.70	2,581,721.23
	NATURAL GAS MCF		COST			
14	On Hand Beginning of Year					
15	Received During Year	1,778,032	5,192,397.95			
16	TOTAL	1,778,032	5,192,397.95			
17	Used During Year (Note A)	1,778,032	5,192,397.95			
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF	1,778,032	5,192,397.95			
26	BALANCE END OF YEAR	0	0.00			

MISCELLANEOUS NONOPERATING INCOME (Account 421)

Line No.	Item	Amount
1	Investment Income	212,575.00
2	Sale of Allowances	3.54
3	ENE Net Income	35,090.00
4	Gain on Sale of Asset	
5	Loss on Sale of Asset	(5,542.60)
6		
	TOTAL	242,125.94

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	15,548,562	2,584,050.99	0.1662
7	City of Taunton Power	12,808,680	1,786,708.69	0.1395
8				
9				
10				
11	TOTALS	28,357,242	4,370,759.68	0.1541

Line No.	Street Lighting	K.W.H.	Revenue Received	Average Revenue Per K.W.H. (\$0.0000)
12				
13	Street Lighting	4,256,620	615,454.87	0.1446
14				
15				
16				
17				
18	TOTALS	4,256,620	615,454.87	0.1446
19	TOTALS	32,613,862	4,986,214.55	0.1529

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	16,589,600	1,115,788.35	0.0673
21	Pasny	Bus Yard 115 KV	28,514,766	986,723.63	0.0346
22	Energy New England	Bus Yard 115 KV	422,685,787	25,156,036.86	0.0595
23	Fortistar Fall River	Bus Yard 115 KV	24,810,671	1,303,266.42	0.0525
24	ISO New England	Bus Yard 115 KV	37,339,628	6,516,840.29	0.1745
25	Watson	Bus Yard 115 KV	4,300,603	1,765,020.52	0.4104
26					
27					
28					
29	TOTALS		534,241,055	36,843,676.07	0.0690

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	108,500	17,477.69	0.1611
33	N. Attleboro Light	Bus Yard 115 KV	15,545,836	1,475,538.13	0.0949
34	Hudson Light	Bus Yard 115 KV	7,773,120	737,776.28	0.0949
35					
36					
37					
38					
39	TOTALS		23,427,456	2,230,792.10	0.0952

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	41,555,060.85	3,584,008.12	273,226,498	5,013,740	32,742	245
3	442 Commercial and Industrial Sales						
4	Small (or Commercial) see intr. 5	28,848,280.43	1,282,763.18	170,813,002	(2,396,037)	4,334	16
5	Large (or Commercial) see intr. 5	24,209,839.59	1,809,038.56	187,787,880	9,781,660	65	3
6	444 Municipal Sales (p.22)	4,950,921.74	402,996.47	32,315,088	13,487,594	326	8
7	445 Other Sales to Public Authorities	35,292.81	637.50	298,774	(10,187)	5	0
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	99,599,395.42	7,079,443.83	664,441,242	25,876,770	37,472	272
12	447 Sales for Resale	2,230,792.10	(577,885.25)	23,427,456	5,025,372	3	(2)
13	Total Sales of Electricity	101,830,187.52	6,501,558.58	687,868,698	30,902,142	37,475	270
OTHER OPERATING REVENUES							
14							
15	450 Late Payment Interest	23,424.97	13,626.68				
16	451 Discounts Given	(2,930,538.22)	(200,126.08)				
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	76,679.81	(29,899.86)				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	532,680.90	(1,505,352.87)				
21	449 Provision Rate Stabilization						
22							
23							
24							
25	Total Other Operating Revenues	(2,297,752.54)	(1,721,752.13)				
26	Total Electric Operating Revenues	99,532,434.98	4,779,806.45				

* Includes Revenues from application of fuel clauses

0

Total KWH to which applied 273,226,498

5. Customer in excess of 50 KVA considered as Industrial Sales

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Line No.	Account	Schedule	K.W.H.	Revenues	Average Revenue Per K.W.H.(cents) (0.000)	Number of Customers	
						July 31,	December 31,
1	440	Residential "A"	204,932,218	30,955,665.31	0.1511	25,054	25,226
2	440	Residential "A-1"	38,970,066	5,813,394.69	0.1492	4,104	4,104
3	440	Residential "A-2"	11,346,599	1,868,826.97	0.1647	1,229	1,259
4	440	Residential "A-3"	15,871,071	2,295,795.56	0.1447	993	995
5	440	Non Business Residential	2,106,544	621,378.32	0.2950	1,150	1,164
6	442	Commercial "H"	69,798,646	12,080,353.41	0.1731	3,257	3,268
7	442	Commercial "P-1"	97,613,687	16,308,523.39	0.1671	287	289
8	442	Commercial "B-1"	1,127,020	177,008.34	0.1571	2	2
9	442	Commercial Private					
10		Area Lighting	2,273,649	282,395.29	0.1242	760	775
11	442	Industrial "P-2"	187,787,880	24,209,839.59	0.1289	63	65
12							
13		City of Taunton					
14							
15	444	"H"	15,548,562	2,584,050.99	0.1662	319	320
16	444	"P-1"					
17	444	"P-2"	12,808,680	1,786,708.69	0.1395	8	8
18		Street Lighting	3,957,846	580,162.06	0.1466	1	1
19	445	Flat Rate B	5,853	1,081.19	0.1847	1	1
20	445	Flat Rate R	190,080	24,897.89	0.1310	1	1
21	445	Flat Rate N.D.	101,424	9,059.81	0.0893	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							
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38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49	Total Sales to Ultimate						
50	Consumers		664,441,242	99,599,395.42	14.9899	37,231	37,480

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	523,663.75	(23,493.90)
5	501 Fuel	5,798,733.37	(4,086,261.27)
6	502 Steam Expenses	3,475,366.69	240,341.01
7	503 Steam from other Sources		
8	504 Steam Transferred - Cr		
9	505 Electric Expenses	110,875.27	16,745.25
10	506 Miscellaneous Steam Power Expenses	769,408.07	14,772.90
11	507 Rents		
12	Total Operation	10,678,047.15	(3,837,896.01)
13	Maintenance:		
14	510 Maintenance Supervision and Engineering	650,373.55	203,433.12
15	511 Maintenance of Structure	460,408.34	79,604.33
16	512 Maintenance of Boiler Plant	719,299.79	(103,645.06)
17	513 Maintenance of Electric Plant	523,438.17	(248,655.41)
18	514 Maintenance of Miscellaneous Steam Plant	479,466.43	303,477.02
19	Total Maintenance	2,832,986.28	234,214.00
20	Total Power Production Expenses - Steam Power	13,511,033.43	(3,603,682.01)
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation Supervision and Engineering		
24	518 Fuel	63,375.83	(5,947.15)
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	314,201.33	(16,290.56)
31	526 Other Nuclear Expenses		
32	Total Operation	377,577.16	(22,237.71)
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	377,577.16	(22,237.71)
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	37,819,934.83	(1,648,238.81)
27	556 System Control and Load Dispatching	6,423.48	643.19
28	557 Other Expenses	1,823,391.68	1,473,713.98
29	Total Other Power Supply Expenses	39,649,749.99	(173,881.64)
30	Total Power Production Expenses	53,538,360.58	(3,799,801.36)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering	6,583.82	386.06
34	561 Load Dispatching	12,489.78	3,754.16
35	562 Station Expenses	167,911.75	(226,695.72)
36	563 Overhead Line Expenses		(840.12)
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	9,895,038.99	104,177.83
39	566 Miscellaneous Transmission Expenses	91,370.06	38,628.20
40	567 Rents	10,938.96	0.00
41	Total Operation	10,184,333.36	(80,589.59)
42	Maintenance:		
43	568 Maintenance Supervision and Engineering		
44	569 Maintenance of Structures		
45	570 Maintenance of Station Equipment	22,750.00	16,952.35
46	571 Maintenance of Overhead Lines		(79,825.72)
47	572 Maintenance of Underground Lines		
48	573 Maintenance of Miscellaneous Transmission Plant	491.17	491.17
49	Total Maintenance	23,241.17	(62,382.20)
50	Total Transmission Expenses	10,207,574.53	(142,971.79)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation Supervision and Engineering	230,752.80	33,640.43
4	581 Load Dispatching	308,021.47	(23,092.27)
5	582 Station Expenses	36,890.30	(3,280.31)
6	583 Overhead Line Expenses		
7	584 Underground Line Expenses		
8	585 Street Lighting and Signal Systems Expenses		
9	586 Meter Expenses	792,547.33	118,491.11
10	587 Customer Installations Expenses		(33.88)
11	588 Miscellaneous Distribution Expenses	908,216.67	339,964.93
12	589 Rents		
13	Total Operation	2,276,428.57	465,690.01
14	Maintenance:		
15	590 Maintenance Supervision and Engineering	779,301.93	93,021.02
16	591 Maintenance of Structures		
17	592 Maintenance of Station Equipment	255,815.57	82,677.35
18	593 Maintenance of Overhead Lines	3,319,303.39	1,099,978.46
19	594 Maintenance of Underground Lines	562,581.83	100,384.58
20	595 Maintenance of Line Transformers	269,440.89	36,581.54
21	596 Maintenance of Street Lighting and Signal Systems	267,513.66	67,396.08
22	597 Maintenance of Meters	558.28	558.28
23	598 Maintenance of Miscellaneous Distribution Plant	25.79	(69.21)
24	Total Maintenance	5,454,541.34	1,480,528.10
25	Total Distribution Expenses	7,730,969.91	1,946,218.11
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	497,693.23	(49,101.09)
29	902 Meter Reading Expenses	635,336.80	20,078.02
30	903 Customer Records and Collection Expenses	2,380,839.40	13,373.86
31	904 Uncollectible Accounts	1,282,070.47	1,151,859.71
32	906 Miscellaneous Customer Accounts Expenses	931.08	(10,268.92)
33	Total Customer Accounts Expenses	4,796,870.98	1,125,941.58
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and Selling Expenses	99,737.25	18,737.88
38	913 Advertising Expenses	5,926.05	(19,766.01)
39	916 Miscellaneous Sales Expenses	15,494.40	0.00
40	Total Sales Expenses	121,157.70	(1,028.13)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries	1,846,316.40	(326,540.92)
44	921 Office Supplies and Expenses	78,748.78	(3,424.40)
45	922 Administrative Expenses Transferred - Cr		
46	923 Outside Services Employed	523,296.84	85,853.64
47	924 Property Insurance	778,729.99	(18,669.01)
48	925 Injuries and Damages	277,260.58	(43,126.67)
49	926 Employee Pensions and Benefits	269,724.60	99,283.12
50	927 Loss on Investment		
51	928 Regulatory Commission Expenses		
52	929 Duplicate Charges - Cr		
53	930 Miscellaneous General Expenses	809,749.66	(34,764.77)
54	931 Rents		128,856.00
55	933 Transportation Expenses	262,112.66	94,853.90

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account	Amount For Year	Increase or (Decrease) from Preceding Year
56	Total Operation	4,845,939.51	(17,679.11)
1	ADMINISTRATIVE AND GENERAL EXPENSES-Continued	4,845,939.51	(17,679.11)
2	Maintenance:		
3	932 Maintenance of General Plant	740,334.47	(72,541.79)
	935 Maintenance of Gen Plant & Information Systems	1,354,882.64	(173,575.42)
4	Total Administrative and General Expenses	6,941,156.62	(263,796.32)
5	Total Electric Operation and Maintenance Expenses	83,336,090.32	(1,135,437.91)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification	Operation	Maintenance	Total
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	10,678,047.15	2,832,986.28	13,511,033.43
9	Nuclear Power	377,577.16	0.00	377,577.16
10	Hydraulic Power	0.00	0.00	0.00
11	Other Power	39,649,749.99		39,649,749.99
12	Other Power Supply Expenses			
13	Total Power Production Expenses	50,705,374.30	2,832,986.28	53,538,360.58
14	Transmission Expenses	10,184,333.36	23,241.17	10,207,574.53
15	Distribution Expenses	2,276,428.57	5,454,541.34	7,730,969.91
16	Customer Accounts Expenses	4,796,870.98		4,796,870.98
17	Sales Expenses	121,157.70		121,157.70
18	Administrative and General Expenses	4,845,939.51	2,095,217.11	6,941,156.62
19	Total Electric Operation and			
20	Maintenance Expenses	72,930,104.42	10,405,985.90	83,336,090.32

21	Ratio of Operating Expenses to Operating Revenues	83.73%
22	Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts.	17,416,747.42
23	Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees)	148

ELECTRIC ENERGY ACCOUNT

Line No.	Item		Kilowatt-hours
1	SOURCES OF ENGERY		
2	Generation (excluding station use):		
3	Steam		170,847,000
4	Nuclear		9,512,761
5	Hydro		
6	Other		
7	Total Generation		180,359,761
8	Purchases		
9		In (gross) 525,672,946	
10	Interchanges	Out (gross)	525,672,946
11		Net (kWh)	
12		Received	
13	Transmission for/by other (wheeling)	Delivered	
14		Net (kWh)	
15	TOTAL		706,032,707
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		
18	Sales for Resale		
19	Energy furnished without charge		
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		
27	Energy Losses as percent of total on line 15	1.83%	12,890,401
28	TOTALS		706,032,707

MONTHLY PEAKS AND OUTPUT

Line No.	Month	Kilowatts	Day of Week	Day of Month	Hour	Type of Reading	Monthly Output (kwh)
29	JANUARY	112,970	Thursday	8	6:00 PM	60 MIN	63,266,330
30	FEBRUARY	111,790	Tuesday	24	7:00 PM	60 MIN	59,497,991
31	MARCH	105,290	Thursday	5	7:00 PM	60 MIN	60,136,224
32	APRIL	93,270	Tuesday	7	8:00 PM	60 MIN	50,957,151
33	MAY	85,430	Friday	29	5:00 PM	60 MIN	53,155,875
34	JUNE	121,460	Monday	22	7:00 PM	60 MIN	57,116,470
35	JULY	142,950	Monday	20	2:00 PM	60 MIN	69,186,206
36	AUGUST	141,290	Tuesday	18	5:00 PM	60 MIN	70,811,680
37	SEPTEMBER	143,010	Tuesday	8	6:00 PM	60 MIN	60,393,520
38	OCTOBER	91,060	Wednesday	28	7:00 PM	60 MIN	52,337,880
39	NOVEMBER	99,040	Monday	30	6:00 PM	60 MIN	52,879,020
40	DECEMBER	101,990	Tuesday	8	6:00 PM	60 MIN	56,294,360
41	Total						706,032,707

GENERATING STATION STATISTICS

Line No.	Item	Plant W. Water Street	Plant Cleary-Flood	Plant Cleary-Flood
1	Kind of Plant (Steam, Hydro, int. comb., gas turbine)	Steam	Steam	Combine Cycle
2	Type of Plant Construction (Conventional, outdoor Boiler, full outdoor, etc.)	Conventional	Conventional	Steam-Gas Turbine Conventional
3	Year Originally Constructed	1902	1966	1971
4	Year last unit was installed	1958	1966	1976
5	Total Installed capacity (maximum generator name plate ratings in kw)	13,500	28,300	110,000
6	Net peak demand on plant-kilowatts (60 min.)		26,000	110,000
7	Plant hours connected to load		232	749
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water	10,000	25,000	110,000
10	(b) When limited by condenser water	7,500	25,000	103,000
11	Average number of employees		38	38
12	Net generation, exclusive of station use		1,012,920	0
13	Cost of Plant (omit cents)			
14	Land and Land Rights	24,173	1,012,920	584,388
15	Structures and Improvements	10,520,967	1,968,702	8,601,281
16	Reservoirs, dams and waterways			
17	Equipment costs	5,351,200	7,041,419	61,189,785
18	Roads, railroads, and bridges			
19	Total Cost	15,896,340	10,023,041	70,375,454
20	Cost per kw of installed capacity	1,178	354	640
21	Production Expenses:			
22	Operation Supervision and Engineering		153,646	359,451
23	Station Labor		1,034,279	3,161,128
24	Fuel		386,540	113,407
25	Supplies and expenses, including water		35	128,089
26	Maintenance	26,632	835,104	1,966,150
27	Rents			
28	Steam from other sources			
29	Steam Transferred - Credit			
30	Total	26,632	2,409,604	5,728,225
31	Expenses per net KWH (5 places)		2.37887	
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		2,150.58	950.32
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas)		0	0
36	Average cost of fuel per unit, del. f.o.b. plant		179.7375592	119.3355922
37	Average cost of fuel per unit consumed		179.7375592	119.3355922
38	Average cost of fuel consumed per million B.t.u.			
39	Average cost of fuel consumed per kwh net gen.		0.3816096	
40	Average B.t.u. per kwh net generation		0	
41				
42				

GENERATING STATION STATISTICS

Plant (e)	Plant (f)	Plant (g)	Plant (i)	Plant (j)	Line No.
					1
					2
					3
					4
					5
					6
					7
					8
					9
					10
					11
	131,343,900				12
					13
					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
	5,297,114				24
					25
					26
					27
					28
					29
	5,297,114				30
	0.04033				31
Natural Gas					32
MCU ft.					33
					34
	1,782,570				35
					36
	2.97				36
	2.97				37
	0.0016670				37
	0.0403301				38
	0				39
					40
					41
					42

Note: All Cost Figures
included under column D

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 Taunton, MA	1	1966	Oil	Auto	850	900	300
2									
3									
4									
5	Cleary - Flood	1314 Somerset Taunton, MA	1	1975	Oil	Auto	1800	1000/1000	557
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
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36									
37									

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
											12
											13
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											32
											33
											34
											35
											36
											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 or other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Cleary - Flood	1314 Somerset Ave	Gas Turbine	General Electric	1976		Direct
2		Taunton, Ma					
3							
4							
5							
6							
7							
8							
9							
10							
11							
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37							
38							
39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS-Continued

PRIME MOVERS-Continued

Rated hp. of unit (h)	Total Rated hp. of Station Prime movers (i)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency on d.c. (m)	Name Plate Rating of unit in Kilowatts (n)	Number of units in Station (o)	Total Installed Generating Capacity in Kilowatts (p)	Line No.
36,180	36,180	1976	13.80	3	60HZ	26,100	1	26100	1
									2
									3
									4
									5
									6
									7
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									34
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									36
									37
									38
									39
						TOTALS	26,100	1	26,100

TRANSMISSION LINE STATISTICS

Line No.	Designation		Operating Voltage (c)	Type Of Supporting Structure (d)	Length (pole miles)		Number of Circuits (g)	Size of Conductor and Materials (h)
	From (a)	To (b)			On Structure Line Designated (e)	On Structure Another Line (f)		
1	Gen St # 2 (Cleary-Flood)	Switch Sta 2	115 KV	Sp. Wd. St	0.91	NONE	1	795 A
2								
3								
4	Gen St # 2 (Cleary-Flood)	Switch Sta 2	115 KV	Wood Poles	0.91	NONE	1	795 A
5								
6								
7	Gen St # 2	Substa. # 16	115 KV	Wood Poles	1.27	NONE	1	795 A
8								
9	Gen St # 2	Substa. # 16	115 KV	Wood Poles	1.27	NONE	1	795 A
10								
11	Switching Structure E.R. Right of Way	Substa. # 18	115 KV	Steel Tower	2.63	NONE	2	795 A
12								
13								
14								
15	Switching	Substa. # 18	115 KV	Wood Poles	1.13	NONE	2	795 A
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
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40								
41								
42								
43								
44								
45								
46								
47	TOTALS				8.12	0	8	

SUBSTATIONS

Line No.	Name and Location of Station (a)	Character of Substation (b)	Primary (c)	Second-ary (d)	Tartary (e)	Capacity of Substation in kva (In Service) (f)	Number of Transformers (In Service) (g)	Number of Spare Transformers (h)
1	Cleary-Flood Sta.	Dist Attened	115	13.8		25,000	1	0
2	Cleary-Flood Sta.	Transm Attened	14	115		90,000	1	0
3	West Water Street	Dist. Unattended	115	13.8		50,000	2	0
4								
5	8 Substations (each							
6	under 5,000 KVA)	Dist. Unattended	14	2.4		33,000	8	0
7	Whittenton Junction							
8	(Substation # 18)	Dist. Unattended	115	13.8		55,000	2	0
9								
10	Substation #20	Dist. Unattended	115	14		60,000	2	0
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
			TOTALS			313,000	16	0

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	534.96		534.05
2	Added During Year	1.25		1.25
3	Retired During Year			0.00
4	Miles - End of Year	536.21		536.21
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	24,195	37,420	7,676	324,167.00
17	Additions during year:				
18	Purchased		1,150	415	17,345.00
19	Installed	150			
20	Assoc. with utility plant acquired				
21	Total Additions	150	1,150	415	17,345.00
22	Reductions during year:				
23	Retirements	111	630	101	5,727.50
24	Assoc. with utility plant sold				
25	Total Reductions	111	630	101	5,727.50
26	Number at End of Year	24,234	37,940	7,990	335,784.50
27	In Stock		652	2,535	128,931.50
28	Locked meters on customers' premises		505		
29	Inactive transformers on system				
30	In customers' use		36,748	5,455	206,853.00
31	In company use		35		
32	Number at End of Year	0	37,940	7,990	335,784.50

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)	Operating Voltage (f)
1		1.70	3.34	3-1/C	4160V		
2	Feeder 204.1 204.2 204.3	2.57	4.64	3-1/C	4160V		
3	Feeder 304.1 304.2 304.3	0.08	0.14	3-1/C	4160V		
4	Feeder 504.2 504.3	0.10	0.25	3-1/C	4160V		
5	Feeder 804.1 804.2	0.05	0.07	3-1/C	4160V		
6	Feeder 904.1 904.2	0.10	0.16	3-1/C	4160V		
7	Feeder 1004.1 1004.2	0.79	0.88	3-1/C	4160V		
8	Feeder 1204.1 1204.2 1204.3	0.15	0.23	3-1/C	4160V		
9	Feeder 1304.1 1304.2 1304.3	0.22	0.37	3-1/C	4160V		
10	Feeder 214.N1	0.75	0.75	3-1/C	13800V		
11	Feeder 214.N2	0.11	0.08	3-1/C	13800V		
12	Feeder 214.N4	0.88	1.36	3-1/C	13800V		
13	Feeder 214.31	1.04	1.18	3-1/C	13800V		
14	Feeder 514.71	0.53	0.82	3-1/C	13800V		
15	Feeder 814.121	0.25	0.25	3-1/C	13800V		
16	Feeder 1614.11	0.15	0.15	3-1/C	13800V		
17	Feeder 1614.21	1.78	1.78	3-1/C	13800V		
18	Feeder 1614.22	1.75	1.75	3-1/C	13800V		
19	Feeder 1614.24	1.75	1.75	3-1/C	13800V		
20	Feeder 1614.31	1.38	1.62	3-1/C	13800V		
21	Feeder 1614.32	0.08	0.08	3-1/C	13800V		
22	Feeder 1614.41	0.09	0.09	3-1/C	13800V		
23	Feeder 1614.51	0.28	3.76	3-1/C	13800V		
24	Feeder 1614.ET1	0.57	0.57	3-1/C	13800V		
25	Feeder 1614.H1	1.25	1.79	3-1/C	13800V		
26	Feeder 2G14.31	0.03	4.95	3-1/C	13800V		
27	Feeder 2G14.32	0.03	0.03	3-1/C	13800V		
28	Feeder 2G14.42	3.62	2.12	3-1/C	13800V		
29	Feeder 2G14.81	0.10	0.10	3-1/C	13800V		
30	Feeder 2G14.PH	0.10	0.10	3-1/C	13800V		
31							
32							
33							
34							

Cont.

TOTALS

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE (Distribution System)

Line No.	Designation of Underground Distribution Systems (a)	Underground Cable		Submarine Cable		
		Miles of Conduit Bank (All Sizes and Types) (b)	Miles (c)	Operating Voltage (d)	Feet (e)	Operating Voltage (f)
1	Feeder 1814.31	0.11	0.11	3-1/C		13800V
2	Feeder 1814.32	0.50	0.50	3-1/C		13800V
3	Feeder 1814.51	0.11	0.11	3-1/C		13800V
4	Feeder 1814.52	0.11	0.11	3-1/C		13800V
5	Feeder 1814.1P1	1.02	3.51	3-1/C		13800V
6	Feeder 1814.1P2	2.09	3.30	3-1/C		13800V
7	Feeder 1814.1P3	3.39	0.82	3-1/C		13800V
8	Feeder 1814.1P4	0.50	0.51	3-1/C		13800V
9	Feeder 2014.2	0.11	0.11	3-1/C		13800V
10	Feeder 2014.4	0.11	0.11	3-1/C		13800V
11	Feeder 2014.7	0.21	0.21	3-1/C		13800V
12	Feeder 2014.9	0.21	0.21	3-1/C		13800V
13	Feeder 2014.11	1.00	1.00	3-1/C		13800V
14	13.8 KV Service	0.87	1.02	3-1/C		13800V
15	Network Primary	1.36	4.71	3-1/C		13800V
16	Network Secondary	5.40	7.35	3-1/C		13800V
17	Feeder 2014.5	0.21	0.21	3-1/C		13800V
18	Feeder 2014.6	0.21	0.21	3-1/C		13800V
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
TOTALS		39.80	59.27			

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	7,276	4	2	633	164	369	25	5,348	731
3										
4										
5	Raynham	738	56	3	30	54	28	9	256	302
6										
7										
8	North Dighton	172			96	3	13		29	31
9										
10										
11										
12	Berkley	173		3		26	3	9	15	117
13										
14										
15										
16	Lakeville	6								6
17										
18									4	
19	Bridgewater	0								
20										
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44										
45	Totals	8,365	60	8	759	247	413	43	5,652	1,187

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.

MONTHLY CHARGE

Service Charge See Minimum Charge Below

Delivery Services:

Distribution Charge	
First 600 kWh	\$0.01174 per kWh
Excess of 600 kWh	\$0.02740 per kWh
Transition Charge	\$0.03011 per kWh
Transmission	\$0.01887 per kWh

Supplier Services:

Generation Charge	
First 600 kWh	\$0.04593 per kWh
Excess of 600 kWh	\$0.05771 per kWh
Total First 600 kWh	\$0.10665 per kWh
Total Excess of 600 kWh	\$0.13409 per kWh

MINIMUM CHARGE

The Service Charge will be billed per meter and is calculated as follows:
For consumption of 0 to 200 kwh/mo the Service Charge is \$9.70.
For consumption of 201 to 300 kwh/mo the Service Charge is \$9.70 + [(Consumption - 200) x \$0.0966].
For consumption above 300 kwh/mo the Service Charge is \$19.36 per meter.

POWER COST ADJUSTMENT CLAUSE

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

TERM OF CONTRACT

Open order.

DISCOUNT FOR SUPPLEMENTAL SECURITY INCOME RECIPIENTS

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

Taunton Municipal Lighting Plant
ADDITIONAL RESIDENTIAL SERVICE
(RATE 02)

AVAILABILITY

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

MONTHLY CHARGE

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

MINIMUM CHARGE

\$15.81 per month per meter.

POWER ADJUSTMENT CLAUSE

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

TERMS OF CONTRACT

Twelve months, and yearly thereafter.

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

AVAILABILITY

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

MONTHLY CHARGE

Service Charge \$24.28

Delivery Services:

Distribution Charge	\$0.02678 per kWh
Transition Charge	\$0.01696 per kWh
Transmission Charge	\$0.04788 per kWh

Supplier Services:

Generation Charge	\$0.05665 per kWh
TOTAL	\$0.14827 per kWh

MINIMUM CHARGE

\$24.28 per month per meter.

POWER COST ADJUSTMENT CLAUSE

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

POWER FACTOR

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

TEMPORARY SERVICE RIDER

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

TERMS OF CONTRACT

Twelve months, and yearly thereafter.

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

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

AVAILABILITY

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

MONTHLY CHARGE

Service charge \$1,004.80

Delivery Services:

Energy Charges:

Distribution Charge	First 300 Hours	\$0.00810 per kWh
	Excess 300 Hours	\$0.00270 per kWh
Transmission Charge		\$0.00000 per kWh
Transition Charge		\$0.01484 per kWh
	Subtotal First 300 Hours	\$0.02294
	Subtotal Excess 300 Hours	\$0.01754

Demand Charges:

Distribution Charge		\$3.45 per kva
Transmission Charge		\$4.99 per kva
Transition Charge		\$4.51 per kva
	Subtotal	\$12.95 per kva

Supplier Services:

Generation Charge	Under 300 Hours	\$0.05799 per kWh
	Over 300 Hours	\$0.05078 per kWh
	Total Under 300 Hours	\$0.08093 per kWh
	Total Over 300 Hours	\$0.06832 per kWh
	Total Demand	\$12.95 per kva

POWER COST ADJUSTMENT CLAUSE

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

BILLING DEMAND DETERMINATION

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

MINIMUM CHARGE

\$ 2,947.30 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.

MONTHLY CHARGE

Service Charge \$159.52

Delivery Services:

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

Supplier Services:

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

POWER COST ADJUSTMENT CLAUSE

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

MINIMUM CHARGE

\$159.52 per month per meter.

TERM OF CONTRACT

Twelve months and yearly thereafter.

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

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

AVAILABILITY

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

MONTHLY CHARGE

Service Charge \$178.17

Delivery Services:

Energy Charges:

Distribution Charge	\$0.00376 per kWh
Transition Charge	\$0.02146 per kWh
<u>Transmission Charge</u>	<u>\$0.00000 per kWh</u>
Subtotal	\$0.02522 per kWh

Demand Charges:

Distribution Charge	\$ 7.45 per kW
Transition Charge	\$ 4.18 per kW
<u>Transmission Charge</u>	<u>\$ 6.90 per kW</u>
Subtotal	\$18.53 per kW

Supplier Services:

<u>Generation Charge</u>	<u>\$0.05142 per kWh</u>
Total Energy	\$0.07664 per kWh
Total Demand	\$18.53 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

\$363.47 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
 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

MONTHLY CHARGE

Service charge \$1,150.80

Delivery Services:

Distribution Charge	First 300 Hours	\$0.00810 per kWh
	Excess 300 Hours	\$0.00270 per kWh
Transmission Charge		\$0.00000 per kWh
Transition Charge		\$0.01484 per kWh

Supplier Services:

Generation Charge	First 300 Hours	\$0.05799 per kWh
	Excess 300 Hours	\$0.05078 per kWh

Total First 300 Hours \$0.08093 per kWh
Total Excess 300 Hours \$0.06832 per kWh

	Customer 12-mo Peak	Coincident Network Peak	Coincident TMLP Peak
Distribution Demand*	\$3.63 per kva		
Transition Demand*	\$1.04 per kva		
Transmission Demand		\$5.24 per kva	
FCM			\$3.50 per kva
Schedule 3			\$0.20 per kva
Total Demand	\$4.67 per kva	\$5.24 per kva	\$3.70 per kva

* Highest peak during most recent 12-months

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.

MINIMUM CHARGE

\$ 3,192.30 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.

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Kenneth Howland

MANAGER OF ELECTRIC LIGHT

Mark E. Blodgett Sr

SELECTMEN
OR
MEMBERS
OF THE
MUNICIPAL
LIGHT
BOARD

Joseph M. Manda

Peter H. Carr

*AKH
5/4/16*