

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,

2011

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

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CITY

Of

TAUNTON

DEPARTMENT OF PUBLIC UTILITIES

FOR THE YEAR ENDED DECEMBER 31,

2011

Name of officer to whom correspondence should
Be addressed regarding this report.

Michael J. Horrigan

Official title **General Manager**

Office Address **55 Weir Street**
Taunton, MA 02780

GENERAL INFORMATION

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

Date when town (or city) began to sell gas and electricity,
July 1, 1897
3. Name and address of manager of municipal lighting:
Michael J. Horrigan
785 Cohannet Street
Taunton, Ma 02780
4. Name and address of mayor or selectman:
Charles E. Crowley
110 Worcester Street
Taunton, Ma 02780
5. Name and address of town (or city) treasurer:
Wendy L. Graves
1463 Grafton Road
Milbury, MA 01527
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 3,600,627,624
Commercial, Industrial and Personal 1,009,551,754
9. Tax rate for all purposes during the year:
Residential and Opens Space \$12.47
Commercial, Industrial and Personal \$27.62
10. Amount of Manager's salary: \$167,690
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> |
|--|---------------------------|
| From sales of gas | |
| 2 From sales of electricity | \$92,575,445 |
| 3 | |
| 4 | |
| | TOTAL \$92,575,445 |
| 5 EXPENSES: | |
| 6 For operation, maintenance and repairs | 88,850,457 |
| 7 For interest on bond, notes or scrip | 200,281 |
| 8 For depreciation fund (2% on \$ 198,115,094.40) page 8B-9A | 3,962,302 |
| 9 For sinking fund requirements | |
| 10 For note payments | |
| 11 For bond payments | 725,000 |
| 12 For loss in preceding year | |
| 13 | |
| | TOTAL 93,738,040 |
| 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 | 3,173,591 |
| 19 Of electricity to be used for street lights | 917,471 |
| 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 4,091,062 |

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 | 6,195 |
| | | Berkley, Town of | 2,505 |
| | | Lakeville, Town of | 250 |
| | | N. Dighton, Town of | 462 |
| | | Taunton, City of | 27,087 |
| | | Bridgewater, Town of | 17 |
| | | TOTAL | 36,516 |

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

| | | | |
|-----|---------|-------------------|-----------|
| (| 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 | \$ | 917,471 |
| 2. Municipal Buildings | \$ | 3,173,591 |
| 3. | | |
| | TOTAL | \$ 4,091,062 |

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 |
|------------------|---------------|-----------------------------|--|--------------|------------------|-----------------|--------------------------------------|
| iv. , 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 | | | | | |
| Nov 27, 1975 | Feb 1, 1976 | 24,000,000 | | | | | |
| October 19, 2009 | June 15, 2010 | 7,250,000 | | | | | |
| | | | Variable Principal and Interest payments | | | | |
| | | | See detail attached | | | | 6,525,000 |
| | TOTAL | 40,365,500 | | | | | 6,525,000 |

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.

City of Taunton, Massachusetts
*\$7,715,000 General Obligation State Qualified Municipal Purpose
 Loan of 2010 Bonds, \$4,150,000 Computer System Upgrade (ISQ)
 Dated June 15, 2010 , Ch. 44 s. 7(28) and 7(29) auth. 10/19/09*

Debt Service Schedule

| Date | Principal | Coupon | Interest | Total P+I | Fiscal Total |
|--------------|-----------------------|----------|---------------------|-----------------------|--------------|
| 06/29/2010 | - | - | - | - | - |
| 12/01/2010 | - | - | 61,474.76 | 61,474.76 | - |
| 06/01/2011 | 415,000.00 | 3.000% | 66,659.38 | 481,659.38 | - |
| 06/30/2011 | - | - | - | - | 543,134.14 |
| 12/01/2011 | - | - | 60,434.38 | 60,434.38 | - |
| 06/01/2012 | 415,000.00 | 3.000% | 60,434.38 | 475,434.38 | - |
| 06/30/2012 | - | - | - | - | 535,868.76 |
| 12/01/2012 | - | - | 54,209.38 | 54,209.38 | - |
| 06/01/2013 | 415,000.00 | 3.000% | 54,209.38 | 469,209.38 | - |
| 06/30/2013 | - | - | - | - | 523,418.76 |
| 12/01/2013 | - | - | 47,984.38 | 47,984.38 | - |
| 06/01/2014 | 415,000.00 | 4.000% | 47,984.38 | 462,984.38 | - |
| 06/30/2014 | - | - | - | - | 510,968.76 |
| 12/01/2014 | - | - | 39,684.38 | 39,684.38 | - |
| 06/01/2015 | 415,000.00 | 4.000% | 39,684.38 | 454,684.38 | - |
| 06/30/2015 | - | - | - | - | 494,368.76 |
| 12/01/2015 | - | - | 31,384.38 | 31,384.38 | - |
| 06/01/2016 | 415,000.00 | 2.500% | 31,384.38 | 446,384.38 | - |
| 06/30/2016 | - | - | - | - | 477,768.76 |
| 12/01/2016 | - | - | 26,196.88 | 26,196.88 | - |
| 06/01/2017 | 415,000.00 | 3.000% | 26,196.88 | 441,196.88 | - |
| 06/30/2017 | - | - | - | - | 467,393.76 |
| 12/01/2017 | - | - | 19,971.88 | 19,971.88 | - |
| 06/01/2018 | 415,000.00 | 3.250% | 19,971.88 | 434,971.88 | - |
| 06/30/2018 | - | - | - | - | 454,943.76 |
| 12/01/2018 | - | - | 13,228.13 | 13,228.13 | - |
| 06/01/2019 | 415,000.00 | 3.125% | 13,228.13 | 428,228.13 | - |
| 06/30/2019 | - | - | - | - | 441,456.26 |
| 12/01/2019 | - | - | 6,743.75 | 6,743.75 | - |
| 06/01/2020 | 415,000.00 | 3.250% | 6,743.75 | 421,743.75 | - |
| 06/30/2020 | - | - | - | - | 428,487.50 |
| Total | \$4,150,000.00 | - | \$727,809.22 | \$4,877,809.22 | - |

Yield Statistics

| | |
|---|-------------|
| Accrued Interest from 06/15/2010 to 06/29/2010..... | 5,184.62 |
| Bond Year Dollars..... | \$22,502.22 |
| Average Life..... | 5.422 Years |
| Average Coupon..... | 3.2343882% |
| Net Interest Cost (NIC)..... | 2.8013554% |
| True Interest Cost (TIC)..... | 2.7383980% |
| Bond Yield for Arbitrage Purposes..... | 2.5742034% |
| All Inclusive Cost (AIC)..... | 2.7350677% |
| IRS Form 8038 | |
| Net Interest Cost..... | 2.5711033% |
| Weighted Average Maturity..... | 5.378 Years |

June 15 2010 | Computer System Upgrade (| 6/22/2010 | 11:38 AM

City of Taunton, Massachusetts
\$7,715,000 General Obligation State Qualified Municipal Purpose
Loan of 2010 Bonds, \$3,100,000 Asbestos Removal (ISQ)
Dated June 15, 2010 , Ch. 44 s. 7(31) auth. 10/19/09

Debt Service Schedule

| Date | Principal | Coupon | Interest | Total P+I | Fiscal Total |
|--------------|-----------------------|----------|---------------------|-----------------------|--------------|
| 06/29/2010 | - | - | - | - | - |
| 12/01/2010 | - | - | 45,920.90 | 45,920.90 | - |
| 06/01/2011 | 310,000.00 | 3.000% | 49,793.75 | 359,793.75 | - |
| 06/30/2011 | - | - | - | - | 405,714.65 |
| 12/01/2011 | - | - | 45,143.75 | 45,143.75 | - |
| 06/01/2012 | 310,000.00 | 3.000% | 45,143.75 | 355,143.75 | - |
| 06/30/2012 | - | - | - | - | 400,287.50 |
| 12/01/2012 | - | - | 40,493.75 | 40,493.75 | - |
| 06/01/2013 | 310,000.00 | 3.000% | 40,493.75 | 350,493.75 | - |
| 06/30/2013 | - | - | - | - | 390,987.50 |
| 12/01/2013 | - | - | 35,843.75 | 35,843.75 | - |
| 06/01/2014 | 310,000.00 | 4.000% | 35,843.75 | 345,843.75 | - |
| 06/30/2014 | - | - | - | - | 381,687.50 |
| 12/01/2014 | - | - | 29,643.75 | 29,643.75 | - |
| 06/01/2015 | 310,000.00 | 4.000% | 29,643.75 | 339,643.75 | - |
| 06/30/2015 | - | - | - | - | 369,287.50 |
| 12/01/2015 | - | - | 23,443.75 | 23,443.75 | - |
| 06/01/2016 | 310,000.00 | 2.500% | 23,443.75 | 333,443.75 | - |
| 06/30/2016 | - | - | - | - | 356,887.50 |
| 12/01/2016 | - | - | 19,568.75 | 19,568.75 | - |
| 06/01/2017 | 310,000.00 | 3.000% | 19,568.75 | 329,568.75 | - |
| 06/30/2017 | - | - | - | - | 349,137.50 |
| 12/01/2017 | - | - | 14,918.75 | 14,918.75 | - |
| 06/01/2018 | 310,000.00 | 3.250% | 14,918.75 | 324,918.75 | - |
| 06/30/2018 | - | - | - | - | 339,837.50 |
| 12/01/2018 | - | - | 9,881.25 | 9,881.25 | - |
| 06/01/2019 | 310,000.00 | 3.125% | 9,881.25 | 319,881.25 | - |
| 06/30/2019 | - | - | - | - | 329,762.50 |
| 12/01/2019 | - | - | 5,037.50 | 5,037.50 | - |
| 06/01/2020 | 310,000.00 | 3.250% | 5,037.50 | 315,037.50 | - |
| 06/30/2020 | - | - | - | - | 320,075.00 |
| Total | \$3,100,000.00 | - | \$543,664.65 | \$3,643,664.65 | - |

Yield Statistics

| | |
|---|-------------|
| Accrued Interest from 06/15/2010 to 06/29/2010..... | 3,872.85 |
| Bond Year Dollars..... | \$16,808.89 |
| Average Life..... | 5.422 Years |
| Average Coupon..... | 3.2343878% |
| Net Interest Cost (NIC)..... | 2.8013550% |
| True Interest Cost (TIC)..... | 2.7383976% |
| Bond Yield for Arbitrage Purposes..... | 2.5742034% |
| All Inclusive Cost (AIC)..... | 2.7350673% |
| IRS Form 8038 | |
| Net Interest Cost..... | 2.5711029% |
| Weighted Average Maturity..... | 5.378 Years |

June 15 2010 | Asbestos Removal (ISQ) | 6/22/2010 | 11:38 AM

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 - ELECT:

| 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 | 751,160.30 | 2,185.01 | | | | 753,345.31 |
| 8 | 311 Structures and Improvements | 17,449,606.18 | 480,095.57 | | | | 17,929,701.75 |
| 9 | 312 Boiler Plant Equipment | 30,780,694.38 | 55,564.21 | | | | 30,836,258.59 |
| 10 | 313 Engines and Engine Driven Generators | | | | | | |
| 11 | 314 Turbogenerator Units | 21,604,688.16 | 68,485.45 | | | | 21,673,173.61 |
| 12 | 315 Accessory Electric Equipment | 2,759,672.69 | 3,800.00 | | | | 2,763,472.69 |
| 13 | 316 Miscellaneous Power Plant Equipment | 1,079,279.55 | 1,605.70 | | | | 1,080,885.25 |
| 14 | | | | | | | |
| 15 | Total Steam Production Plant | 74,459,775.59 | 611,735.94 | 0.00 | 0.00 | 0.00 | 75,071,511.53 |
| 16 | B. Nuclear Production Plant | | | | | | |
| 17 | 320 Land and Land Rights | | | | | | |
| 18 | 321 Structures and Improvements | | | | | | |
| 19 | 322 Reactor Plant Equipment | 1,019,932.90 | | | | | 1,019,932.90 |
| 20 | 323 Turbogenerator Units | | | | | | |
| 21 | 324 Accessory Electric Equipment | | | | | | |
| 22 | 325 Miscellaneous Power Plant Equipment | 99,593.30 | (5,029.17) | | | | 94,564.13 |
| 23 | Total Nuclear Production Plant | 1,119,526.20 | (5,029.17) | 0.00 | 0.00 | 0.00 | 1,114,497.03 |

TOTAL COST OF PLANT - ELECT.

| 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 | 685,155.04 | | | | | 685,155.04 |
| 14 342 | Fuel holders, prod., and acces's | | | | | | |
| 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 | 76,798,185.49 | 606,706.77 | 0.00 | 0.00 | 0.00 | 77,404,892.26 |
| 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 | 2,483,761.31 | 6,830.70 | | | | 2,490,592.01 |
| 26 354 | Towers and Fixtures | 913,974.86 | 11,679.79 | | | | 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 | 7,283,793.97 | 18,510.49 | 0.00 | 0.00 | 0.00 | 7,302,304.46 |

TOTAL COST OF PLANT - ELECT.

| Line No. | Account | Balance Beginning of Year | Additions | Retirements | Adjustments | Transfers | Balance End of Year |
|------------------------------|--|---------------------------|---------------------|---------------------|-------------|---|-----------------------|
| 4. DISTRIBUTION PLANT | | | | | | | |
| 1 | | | | | | | |
| 2 | 360 Land and Land Rights | 352,787.78 | | | | | 352,787.78 |
| 3 | 361 Structures and Improvements | 1,010,677.45 | | | | | 1,010,677.45 |
| 4 | 362 Station Equipment | 9,463,234.32 | 187,791.91 | | | | 9,651,026.23 |
| 5 | 363 Storage Battery Equipment | 3,312.82 | | | | | 3,312.82 |
| 6 | 364 Poles, Towers, and Fixtures | 9,621,806.98 | 204,185.74 | | | | 9,825,992.72 |
| 7 | 365 Overhead Conductors and Devices | 17,982,966.07 | 1,062,367.20 | | | | 19,045,333.27 |
| 8 | 366 Underground Conduit | 4,240,810.40 | 138,302.13 | | | | 4,379,112.53 |
| 9 | 367 Underground Conductors and Devices | 8,305,142.45 | 502,544.13 | | | | 8,807,686.58 |
| 10 | 368 Line Transformers | 14,329,242.24 | 1,285,813.67 | | | | 15,615,055.91 |
| 11 | 369 Services | 2,080,197.47 | 84,299.12 | | | | 2,164,496.59 |
| 12 | 370 Meters | 3,532,698.72 | 93,226.22 | | | | 3,625,924.94 |
| 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 | 2,976,895.31 | 202,724.47 | | | | 3,179,619.78 |
| 16 | Total Distribution Plant | 77,868,386.14 | 3,761,254.59 | 0.00 | 0.00 | 0.00 | 81,629,640.73 |
| 5. GENERAL PLANT | | | | | | | |
| 17 | | | | | | | |
| 18 | 389 Land and Land Rights | 427,872.78 | | | | | 427,872.78 |
| 19 | 390 Structures and Improvements | 5,978,913.48 | 183,610.19 | | | | 6,162,523.67 |
| 20 | 391 Office Furniture and Equipment | 8,131,113.64 | 62,591.98 | | | | 8,193,705.62 |
| 21 | 392 Transportation Equipment | 2,432,474.21 | 416,219.42 | (257,091.50) | | | 2,591,602.13 |
| 22 | 393 Stores Equipment | 207,414.79 | | | | | 207,414.79 |
| 23 | 394 Tools, Shop and Garage Equipment | 61,174.77 | 2,966.12 | | | | 64,140.89 |
| 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 | 12,466,341.65 | 768,423.19 | | | | 13,234,764.84 |
| 27 | 398 Miscellaneous Equipment | 199,869.39 | 17,078.75 | | | | 216,948.14 |
| 28 | 399 Other Tangible Property | 647,691.00 | | | | | 647,691.00 |
| 29 | Total General Plant | 30,598,916.55 | 1,450,889.65 | (257,091.50) | 0.00 | 0.00 | 31,792,714.70 |
| 30 | Total Electric Plant in Service | 192,549,282.15 | 5,837,361.50 | (257,091.50) | 0.00 | 0.00 | 198,129,552.15 |
| 31 | | | | | | Total Cost of Electric Plant | <u>198,129,552.15</u> |
| 32 | | | | | | | |
| 33 | | | | | | Less Cost of Land, Land Rights, Rights of Way | <u>2,527,020.37</u> |
| 34 | | | | | | Total Cost Upon which Depreciation is based | <u>195,602,531.78</u> |

COMPARATIVE BALANCE SHEET Assets and other Debits

| No. | Account | Balance Beginning of Year | Balance End of Year | Increase or (Decrease) |
|-----|--------------------------------------|---------------------------------|------------------------|---------------------------|
| 1 | UTILITY PLANT | | | |
| 2 | 101 Utility Plant-Electric (pg 17) | 73,839,468.24 | 74,620,144.72 | 780,676.48 |
| 3 | 101 Utility Plant-Gas (pg 20) | | | |
| 4 | | | | |
| 5 | Total Utility Plant | 73,839,468.24 | 74,620,144.72 | 780,676.48 |
| 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 | 632,598.57 | 713,548.64 | 80,950.07 |
| 11 | 1205 Amortization of Nuclear Fuel | (788,519.89) | (851,718.37) | 63,198.48 |
| 12 | 121 Non Utility Property | 0.00 | | 0.00 |
| 13 | 126 Depreciation Fund (pg 14) | 4,308,817.75 | 14,308,817.75 | 10,000,000.00 |
| 14 | 128 Other Sepcial Funds | 267,353.17 | 212,355.43 | (54,997.74) |
| 15 | Total Funds | 4,718,384.05 | 14,681,137.90 | 9,962,753.85 |
| 16 | CURRENT AND ACCRUED ASSETS | | | |
| 17 | 131 Cash | 14,711,626.14 | 10,954,654.25 | (3,756,971.89) |
| 18 | 132 Special Deposits | 1,175,738.64 | 1,303,656.55 | 127,917.91 |
| 19 | 133 Restricted Cash | | | |
| 20 | 134 Other Special Deposits | 1,458,891.19 | 1,881,922.57 | 423,031.38 |
| 21 | 135 Working Funds | 3,700.00 | 3,700.00 | 0.00 |
| 22 | 141 Notes Receivable | | | |
| 23 | 142 Customer Accounts Receivable | 10,737,055.08 | 9,076,852.67 | (1,660,202.41) |
| 24 | 143 Other Accounts Receivable | 452,793.23 | 383,020.73 | (69,772.50) |
| 25 | 146 Receivables from Municipality | 1,903.43 | 2,790.46 | 887.03 |
| 26 | 151 Materials and Supplies (pg 14) | 4,776,665.41 | 4,195,211.80 | (581,453.61) |
| 27 | 163 Stores Expense | | | |
| 28 | 164 Burdens Undistributed | | | |
| 29 | 165 Prepayments | 1,628,415.32 | 1,448,807.95 | (179,607.37) |
| 30 | 174 Miscellaneous Current Assets | 240,389.07 | 403,282.00 | 162,892.93 |
| 31 | Total Current Assets | 35,187,177.51 | 29,653,898.98 | (5,533,278.53) |
| 32 | DEFERRED DEBITS | | | |
| 33 | 181 Unamortized Debt Discount | | | |
| 34 | 182 Extraordinary Property Losses | | | |
| 35 | 184 Clearing Accounts | 10,294.23 | | (10,294.23) |
| 36 | 185 Other Defferred Debits | (123.69) | (123.69) | 0.00 |
| 37 | Total Deferred Debits | 10,170.54 | (123.69) | (10,294.23) |
| 38 | | | | |
| 39 | Total Assets and Other Debits | 88,244,017.70 | 118,955,057.91 | 30,711,040.21 |

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 | 33,117,000.00 | 33,842,000.00 | 725,000.00 |
| 6 | 207 Appropriation for Construction Repayments | (32,433.98) | 32,433.98 | 64,867.96 |
| 7 | 208 Unappropriated Earned Surplus (pg 12) | 59,182,145.08 | 63,965,421.34 | 4,783,276.26 |
| 8 | Total Surplus | 92,266,711.10 | 97,839,855.32 | 5,573,144.22 |
| 9 | LONG TERM DEBT | | | |
| 10 | 221 Bonds (pg 6) | 7,250,000.00 | 6,525,000.00 | (725,000.00) |
| 11 | 229 Accumulated Provision for rate refunds | 2,000,000.00 | 2,000,000.00 | 0.00 |
| 12 | 231 Notes Payable (pg 7) | | | 0.00 |
| 13 | Total Bonds and Notes | 2,000,000.00 | 8,525,000.00 | 6,525,000.00 |
| 14 | CURRENT AND ACCRUED LIABILITIES | | | |
| 15 | 232 Accounts Payable | 6,013,304.12 | 5,288,885.25 | (724,418.87) |
| 16 | 234 Payables to Municipality | 3,967,241.71 | 4,975,743.81 | 1,008,502.10 |
| 17 | 235 Customer's Deposits | 1,107,469.69 | 1,241,108.67 | 133,638.98 |
| 18 | 236 Taxes Accrued | | | |
| 19 | 237 Interset Accrued | 24,026.48 | 18,392.17 | (5,634.31) |
| 20 | 241 Tax Collections Payable | 66,321.03 | 64,047.27 | (2,273.76) |
| 21 | 242 Misc Current and Accrued Liabilities | (817,002.51) | (520,609.37) | 296,393.14 |
| 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 Liabilities | 10,525,715.95 | 11,231,923.23 | 706,207.28 |
| 25 | DEFERRED CREDITS | | | |
| 26 | 251 Unamortized Premium on Debt | | | |
| 27 | 252 Customer Advances for Construction | | | |
| 28 | 253 Other Deferred Credits | 29,408.49 | 30,236.49 | 828.00 |
| 29 | Total Deferred Credits | 29,408.49 | 30,236.49 | 828.00 |
| 30 | RESERVES | | | |
| 31 | 260 Reserves for Uncollectible Accounts | 1,654,727.44 | 1,299,405.51 | (355,321.93) |
| 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 | 1,654,727.44 | 1,299,405.51 | (355,321.93) |
| 37 | CONTRIBUTIONS IN AID OF CONSTRUCTION | | | |
| 38 | 271 Contributions in aid of Construction | 28,637.36 | 28,637.36 | 0.00 |
| 39 | Total Liabilities and Other Credits | 106,505,200.34 | 118,955,057.91 | 12,449,857.57 |

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.....\$ | 83,127,976 |
| Since 1934 paid directly for Veteran's Pensions.....\$ | 822,866 |

STATEMENT OF INCOME FOR THE YEAR

| Line | Account | Current Year | Increase or (Decrease) |
|------|--|----------------------|------------------------|
| 1 | OPERATING INCOME | | |
| 2 | 400 Operating Revenues (pg. 37 and 43) | 96,937,555.87 | (4,010,165.35) |
| 3 | Operating Expenses: | | |
| 4 | 401 Operation Expenses (pg 42 and 47) | 74,119,711.16 | (3,351,184.85) |
| 5 | 402 Maintenance Expenses (p. 42 and 47) | 8,538,953.07 | (141,450.42) |
| 6 | 403 Depreciation Expenses | 5,687,774.03 | 476,656.16 |
| 7 | 407 Amortization of Property Losses | | |
| 8 | | | |
| 9 | 408 Taxes (p. 49) | | |
| 10 | Total Operating Expenses | 88,346,438.26 | (3,015,979.11) |
| 11 | Operating Income | 8,591,117.61 | (994,186.24) |
| 12 | 414 Other Utility Operating Income (p. 50) | | |
| 13 | | | |
| 14 | Total Operating Income | 8,591,117.61 | (994,186.24) |
| 15 | OTHER INCOME | | |
| 16 | 415 Income from Merchandising, jobbing and contract work (p. 51) | | |
| 17 | 419 Interest | 3,000.00 | (154.45) |
| 18 | 421 Miscellaneous Non-Operating Income | 24,799.92 | 27,226.23 |
| 19 | Total Other Income | 27,799.92 | 27,071.78 |
| 20 | Total Income | 8,618,917.53 | (967,114.46) |
| 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 | 8,618,917.53 | (967,114.46) |
| 26 | INTEREST CHARGES | | |
| 27 | 427 Interest on Bonds and Notes | 220,226.92 | 93,430.92 |
| 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 | 220,226.92 | 93,430.92 |
| 33 | NET INCOME | 8,398,690.61 | (1,060,545.38) |

EARNED SURPLUS

| | | Debits | Credits |
|----|--|---------------|---------------|
| 34 | 208 Unappropriated Earned Surplus (at beginning of period) | | 56,281,145.08 |
| 35 | | | |
| 36 | Adjustments for Previous Periods | | |
| 37 | 433 Balance Transferred from Income | | 8,398,690.61 |
| 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) | 61,779,835.69 | |
| 43 | | | |
| 44 | TOTALS | 64,679,835.69 | 64,679,835.69 |

CASH BALANCES AT END OF YEAR (Account 131)

| No. | Items | Amount |
|-----|------------------|----------------------|
| 1 | Operation Fund | 10,954,654.25 |
| 2 | Interest Fund | 63,172.06 |
| 3 | Bond Fund | |
| 4 | Restricted Fund | |
| 5 | Customer Deposit | 1,240,484.49 |
| 6 | Petty Cash Fund | 3,700.00 |
| 7 | Special Deposits | 1,881,922.57 |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | TOTAL | 14,143,933.37 |

MATERIALS AND SUPPLIES (Accounts 151-159,163)

| No. | Items | Electric | Gas |
|-----|--|---------------------|-----|
| 13 | Fuel (Account 151) (See Schedule, p.25) | 1,918,983.60 | |
| 14 | Fuel Stock Expenses (Account 152) | | |
| 15 | Residuals (Account 153) | | |
| 16 | Plant Materials and Operating Supplies (Account 154) | 2,276,228.20 | |
| 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 | 4,195,211.80 | |

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 | \$4,308,817.75 |
| INCOME DURING YEAR FROM BALANCE ON DEPOSIT | |
| AMOUNT TRANSFERRED FROM INCOME | |
| AMOUNT TRANSFERRED FROM RESERVE FOR MAJOR OVERHAUL EXPENSES | \$10,000,000.00 |
| AMOUNT TRANSFERRED FOR RESERVE FOR UNIT 9 PRINCIPAL AND INTEREST PAYMENTS | |
| TOTAL | \$14,308,817.75 |
| <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 | \$14,308,817.75 |
| TOTAL | \$14,308,817.75 |

UTILITY PLANT - ELEC...IC

| 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 | 751,160.30 | 2,185.01 | | | | 753,345.31 |
| 8 | 311 Structures and Improvements | 6,479,677.61 | 480,095.57 | 384,658.68 | | | 6,575,114.50 |
| 9 | 312 Boiler Plant Equipment | 5,548,581.80 | 55,564.21 | 554,585.91 | | | 5,049,560.10 |
| 10 | 313 Engines and Engine Driven Generators | | | | | | |
| 11 | 314 Turbogenerator Units | 3,200,680.09 | 66,485.45 | 307,113.21 | | | 2,960,052.33 |
| 12 | 315 Accessory Electric Equipment | 29,848.14 | 3,800.00 | 1,334.60 | | | 32,313.54 |
| 13 | 316 Miscellaneous Power Plant Equipment | 153,489.92 | 1,605.70 | 18,043.22 | | | 137,052.40 |
| 14 | | | | | | | |
| 15 | Total Steam Production Plant | 16,198,112.19 | 609,735.94 | 1,265,735.62 | 0.00 | 0.00 | 15,542,112.51 |
| 16 | B. Nuclear Production Plant | | | | | | |
| 17 | 320 Land and Land Rights | | | | | | |
| 18 | 321 Structures and Improvements | | | | | | |
| 19 | 322 Reactor Plant Equipment | 856,543.30 | | 163,389.71 | | | 693,153.59 |
| 20 | 323 Turbogenerator Units | | | | | | |
| 21 | 324 Accessory Electric Equipment | | | | | | |
| 22 | 325 Miscellaneous Power Plant Equipment | 99,593.30 | (5,029.17) | | | | 94,564.13 |
| 23 | Total Nuclear Production Plant | 956,136.60 | (5,029.17) | 163,389.71 | 0.00 | 0.00 | 787,717.72 |

UTILITY PLANT - ELEC . . . C

| 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 | 26,332.51 | | 5,269.39 | | | 21,063.12 |
| 12 | 340 Land and Land Rights | | | | | | |
| 13 | 341 Structures and Improvements | | | | | | |
| 14 | 342 Fuel holders, prod., and access'rs | 53,234.57 | | 5,115.09 | | | 48,119.48 |
| 15 | 343 Prime Movers | | | | | | |
| 16 | 344 Generators | | | | | | |
| 17 | 345 Accessory Electric Equipment | | | | | | |
| 18 | 346 Misc. Power Pant Equipment | | | | | | |
| 19 | Total Other Production Plant | 79,567.08 | 0.00 | 10,384.48 | 0.00 | 0.00 | 69,182.60 |
| 20 | Total Production Plant | 17,233,815.87 | 604,706.77 | 1,439,509.81 | 0.00 | 0.00 | 16,399,012.83 |
| 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 | 1,080.94 | | 541.21 | | | 539.73 |
| 25 | 353 Station Equipment | 68,336.15 | 6,830.70 | 3,509.25 | | | 71,657.60 |
| 26 | 354 Towers and Fixtures | | 11,679.79 | 1.28 | | | 11,678.51 |
| 27 | 355 Poles and Fixtures | 240,177.12 | | 84,500.58 | | | 155,676.54 |
| 28 | 356 Overhead Conductors and Devices | 103,791.69 | | 42,695.02 | | | 61,096.67 |
| 29 | 357 Underground Conduit | | | | | | |
| 30 | 358 Underground Conductors and Devices | | | | | | |
| 31 | 359 Roads and Trails | 2,720.86 | | 137.92 | | | 2,582.94 |
| 32 | Total Transmission Plant | 632,191.80 | 18,510.49 | 131,385.26 | 0.00 | 0.00 | 519,317.03 |

UTILITY PLANT - ELEC...IC

| 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 | 306,977.15 | | 34,247.79 | | | 272,729.36 |
| 3 | 362 Station Equipment | 3,778,280.98 | 187,791.91 | 297,565.36 | | | 3,668,507.53 |
| 4 | 363 Storage Battery Equipment | 1,236.04 | | 138.86 | | | 1,097.18 |
| 5 | 364 Poles, Towers, Fixtures | 3,186,842.74 | 204,185.74 | 238,755.05 | | | 3,152,273.43 |
| 6 | 365 Overhead Conductors and Devices | 9,278,460.72 | 1,062,367.20 | 642,951.03 | | | 9,697,876.89 |
| 7 | 366 Underground Conduit | 858,211.68 | 138,302.13 | 84,926.26 | | | 911,587.55 |
| 8 | 367 Underground Conductors and Devices | 4,461,981.47 | 502,544.13 | 250,799.75 | | | 4,713,725.85 |
| 9 | 368 Line Transformers | 7,638,450.49 | 1,285,813.67 | 485,911.54 | | | 8,438,352.62 |
| 10 | 369 Services | 1,066,582.38 | 84,299.12 | 70,655.80 | | | 1,080,225.70 |
| 11 | 370 Meters | 893,316.28 | 93,226.22 | 76,585.90 | | | 909,956.60 |
| 12 | 371 Installations on Cust Premises | 27,328.71 | | 1,366.62 | | | 25,962.09 |
| 13 | 372 Leased Prop. on Cust's Premises | | | | | | |
| 14 | 373 Street Lighting and Signal Systems | 1,272,829.68 | 202,724.47 | 80,360.04 | | | 1,395,194.11 |
| 16 | Total Distribution Plant | 33,123,286.10 | 3,761,254.59 | 2,264,264.00 | 0.00 | 0.00 | 34,620,276.69 |
| 17 5. GENERAL PLANT | | | | | | | |
| 18 | 389 Land and Land Rights | 427,872.78 | | | | | 427,872.78 |
| 19 | 390 Structures and Improvements | 2,916,068.80 | 183,610.19 | 251,466.48 | | | 2,848,212.51 |
| 20 | 391 Office Furniture and Equipment | 5,108,035.05 | 62,591.98 | 632,488.25 | | | 4,538,138.78 |
| 21 | 392 Transportation Equipment | 1,529,139.22 | 159,127.92 | 123,628.51 | | | 1,564,638.63 |
| 22 | 393 Stores Equipment | 76,575.68 | | 9,072.54 | | | 67,503.14 |
| 23 | 394 Tools, Shop and Garage Equipment | 19,319.93 | 2,966.12 | 1,807.29 | | | 20,478.76 |
| 24 | 395 Laboratory Equipment | | | | | | |
| 25 | 396 Power Operated Equipment | | | | | | |
| 26 | 397 Communication Equipment | 8,533,473.16 | 768,423.19 | 640,958.39 | | | 8,660,937.96 |
| 27 | 398 Miscellaneous Equipment | 64,283.82 | 17,078.75 | 6,907.71 | | | 74,454.86 |
| 28 | 399 Other Tangible Property | 647,691.00 | | | | | 647,691.00 |
| 29 | Total General Plant | 19,322,459.44 | 1,193,798.15 | 1,666,329.17 | 0.00 | 0.00 | 18,849,928.42 |
| 30 | Total Electric Plant | 70,311,753.21 | 5,578,270.00 | 5,501,488.24 | 0.00 | 0.00 | 70,388,534.97 |
| 31 | 104 Utility Plant Leased to Others | | | | | | |
| 32 | 105 Property held for Future Use | | | | | | |
| 33 | 107 Construction Work in Progress | 3,527,715.03 | 703,894.72 | | | | 4,231,609.75 |
| 34 | Total Utility Plant Electric | 73,839,468.24 | 6,282,164.72 | 5,501,488.24 | 0.00 | 0.00 | 74,620,144.72 |

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

| Line | Item | Total Cost | Quantity # 6 Oil | Cost | Quantity # 2 Oil | Cost |
|------|----------------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| 1 | On Hand Beginning of Year | 2,587,065.76 | 27,043.05 | 1,920,761.35 | 9,856.32 | 666,304.41 |
| 2 | Received During Year | 0.00 | | | | |
| 3 | TOTAL | 2,587,065.76 | 27,043.05 | 1,920,761.35 | 9,856.32 | 666,304.41 |
| 4 | Use During Year (Note A) | | | | | |
| 5 | Boiler Fuel | 470,413.06 | 6,091.20 | 432,942.03 | 554.37 | 37,471.03 |
| 6 | Gas Turbine | 208,046.98 | 2,945.50 | 208,046.98 | | |
| 7 | Water Drained | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | Sold or Transferred | | | | | |
| 12 | TOTAL DISPOSED OF | 678,460.04 | 9,036.70 | 640,989.01 | 554.37 | 37,471.03 |
| 13 | BALANCE END OF YEAR | 1,908,605.72 | 18,006.35 | 1,279,772.34 | 9,301.95 | 628,833.38 |
| | NATURAL GAS MCF | | COST | | | |
| 14 | On Hand Beginning of Year | | | | | |
| 15 | Received During Year | 592,584 | 3,843,337.98 | | | |
| 16 | TOTAL | 592,584 | 3,843,337.98 | | | |
| 17 | Used During Year (Note A) | 592,584 | 3,843,337.98 | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | Sold or Transferred | | | | | |
| 25 | TOTAL DISPOSED OF | 592,584 | 3,843,337.98 | | | |
| 26 | BALANCE END OF YEAR | 0 | 0.00 | | | |

MISCELLANEOUS NONOPERATING INCOME (Account 421)

| Line No. | Item | Amount |
|----------|-----------------------|------------------|
| 1 | Dividends | 20,802.51 |
| 2 | Sale of Allowances | 74.41 |
| 3 | ENE Net Income | |
| 4 | Gain on Sale of Asset | 3,923.00 |
| 5 | | |
| 6 | TOTAL | 24,799.92 |

OTHER INCOME DEDUCTIONS (Account 426)

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

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

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

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

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

APPROPRIATIONS OF SURPLUS

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

MUNICIPAL REVENUES (Account 482, 444)

| Line No. | Acc't No. | Gas Shedule | Cubic Feet | Revenue Received | Average Revenue Per M.C.F. (\$0.0000) |
|----------|-----------|------------------------------------|-------------------|---------------------|---------------------------------------|
| 1 | 482 | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | TOTALS | | | |
| Line No. | Acc't No. | Electric Schedule | K.W.H. | Revenue Received | Average Revenue Per K.W.H. (\$0.0000) |
| 5 | 444 | Municipal : Other than St Lighting | | | |
| 6 | | City of Taunton Building | 13,355,927 | 2,137,939.62 | 0.1601 |
| 7 | | City of Taunton Power | 12,105,160 | 1,678,569.38 | 0.1387 |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | TOTALS | 25,461,087 | 3,816,509.00 | 0.1499 |
| 12 | | | | | |
| 13 | | Street Lighting | 4,127,192 | 589,909.17 | 0.1429 |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | TOTALS | 4,127,192 | 589,909.17 | 0.1429 |
| 19 | | TOTALS | 29,588,279 | 4,406,418.17 | 0.1489 |

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 | 18,473,180 | 1,045,394.89 | 0.0566 |
| 21 | Pasny | Bus Yard 115 KV | 24,131,650 | 620,803.23 | 0.0257 |
| 22 | Energy New England | Bus Yard 115 KV | 416,850,540 | 29,980,641.45 | 0.0719 |
| 23 | Fortistar Fall River | Bus Yard 115 KV | 29,745,380 | 1,379,902.34 | 0.0464 |
| 24 | ISO New England | Bus Yard 115 KV | 178,586,120 | 10,437,057.77 | 0.0584 |
| 25 | Watson | Bus Yard 115 KV | 4,896,530 | 1,622,092.30 | 0.3313 |
| 26 | | | | | |
| 27 | | | | | |
| 28 | | | | | |
| 29 | | TOTALS | 672,683,400 | 45,085,891.98 | 0.0670 |

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 | 120,400 | 18,007.17 | 0.1496 |
| 31 | Hingham Electric | Cleary-Flood | 1,478,491 | 353,728.67 | 0.2392 |
| 32 | Braintree Electric | Bus Yard 115 KV | 4,928,250 | 961,332.55 | 0.1951 |
| 33 | N. Attleboro Light | Bus Yard 115 KV | 4,928,250 | 1,003,409.33 | 0.2036 |
| 34 | Hudson Light | Bus Yard 115 KV | 2,464,154 | 589,546.44 | 0.2392 |
| 35 | | | | | |
| 36 | | | | | |
| 37 | | | | | |
| 38 | | | | | |
| 39 | | TOTALS | 13,919,545 | 2,926,024.16 | 0.2102 |

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 | 440 Residential Sales | 38,434,861.99 | (1,179,563.84) | 270,583,292 | (2,004,768) | 29,999 | (111) |
| 2 | 442 Commercial and Industrial Sales | 27,334,870.83 | (796,675.60) | 176,646,353 | 735,433 | 4,033 | 20 |
| 3 | Small (or Commercial) see intr. 5 | 25,085,009.25 | (1,210,682.38) | 212,614,400 | (7,742,060) | 61 | 0 |
| 4 | Large (or Commercial) see intr. 5 | 4,406,418.17 | (259,379.39) | 31,151,210 | (1,084,992) | 268 | (84) |
| 5 | 444 Municipal Sales (p.22) | 32,232.66 | (1,989.70) | 310,658 | (4,409) | 5 | 0 |
| 6 | 445 Other Sales to Public Authorities | | | | | | |
| 7 | 446 Sales to Railroads and Railways | | | | | | |
| 8 | 448 Interdepartmental Sales | | | | | | |
| 9 | 449 Miscellaneous Electric Sales | | | | | | |
| 11 | Total Sales to Ultimate Consumers | 95,293,392.90 | (3,448,290.91) | 691,305,913 | (10,100,796) | 34,366 | (175) |
| 12 | 447 Sales for Resale | 2,926,024.16 | (615,610.35) | 13,919,545 | (7,489,786) | 5 | 0 |
| 13 | Total Sales of Electricity | 98,219,417.06 | (4,063,901.26) | 705,225,458 | (17,590,582) | 34,371 | (175) |
| OTHER OPERATING REVENUES | | | | | | | |
| 14 | 450 Late Payment Interest | 36,673.41 | 13,639.43 | | | | |
| 15 | 451 Discounts Given | (2,783,896.16) | 100,313.20 | | | | |
| 16 | 453 Sales of Water and Water Power | 132,975.33 | (6,788.53) | | | | |
| 17 | 454 Rent from Electric Property | 1,332,386.23 | (53,419.19) | | | | |
| 18 | 455 Interdepartmental Rents | | | | | | |
| 19 | 456 Other Electric Revenues | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| 25 | Total Other Operating Revenues | (1,281,861.19) | 53,744.91 | | | | |
| 26 | Total Electric Operating Revenues | 96,937,555.87 | (4,010,156.35) | | | | |

* Includes Revenues from application of fuel clauses 2,717,562

Total KWH to which applied 270,583,292

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 | Number of Customers | | |
|----------|-----------------------------------|--------------------------|-------------|---------------|------------------------------|---------------------|--------------|--------|
| | | | | | Per K.W.H.(cents) (0.000) | July 31, | December 31, | |
| 1 | 440 | Residential "A" | 204,066,239 | 28,729,869.36 | 0.1408 | 23,114 | 23,184 | |
| 2 | 440 | Residential "A-1" | 39,329,878 | 5,489,041.96 | 0.1396 | 3,792 | 3,807 | |
| 3 | 440 | Residential "A-2" | 9,391,511 | 1,518,089.64 | 0.1616 | 1,035 | 1,060 | |
| 4 | 440 | Residential "A-3" | 15,836,501 | 2,167,394.07 | 0.1369 | 949 | 951 | |
| 5 | 440 | Non Business Residential | 1,959,163 | 530,466.96 | 0.2708 | 987 | 997 | |
| 6 | 442 | Commercial "H" | 69,923,444 | 11,178,036.88 | 0.1599 | 3,018 | 3,117 | |
| 7 | 442 | Commercial "P-1" | 103,381,115 | 15,715,615.86 | 0.1520 | 246 | 236 | |
| 8 | 442 | Commercial "B-1" | 1,188,600 | 177,049.92 | 0.1490 | 2 | 2 | |
| 9 | 442 | Commercial Private | | | | | | |
| 10 | | Area Lighting | 2,153,194 | 264,168.17 | 0.1227 | 694 | 678 | |
| 11 | 442 | Industrial "P-2" | 212,614,400 | 25,085,009.25 | 0.1180 | 61 | 61 | |
| 12 | | | | | | | | |
| 13 | | City of Taunton | | | | | | |
| 14 | | | | | | | | |
| 15 | 444 | "H" | 13,765,658 | 2,137,939.62 | 0.1553 | 346 | 264 | |
| 16 | 444 | "P-1" | | | | | | |
| 17 | 444 | "P-2" | 13,258,360 | 1,678,569.38 | 0.1266 | 8 | 4 | |
| 18 | | Street Lighting | 4,127,192 | 589,909.17 | 0.1429 | 1 | 1 | |
| 19 | 445 | Flat Rate B | 6,117 | 1,079.16 | 0.1764 | 1 | 1 | |
| 20 | 445 | Flat Rate R | 191,797 | 21,569.08 | 0.1125 | 1 | 1 | |
| 21 | 445 | Flat Rate N.D. | 111,327 | 9,330.50 | 0.0838 | 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 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |
| 41 | | | | | | | | |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | | | | | | | | |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
| 49 | Total Sales to Ultimate Consumers | | | 691,305,913 | 95,293,392.90 | 13.7845 | 34,257 | 34,366 |

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 | 767,261.06 | (56,544.51) |
| 5 | 501 Fuel | 4,773,266.24 | (1,608,892.75) |
| 6 | 502 Steam Expenses | 2,847,248.89 | (12,911.79) |
| 7 | 503 Steam from other Sources | | |
| 8 | 504 Steam Transferred - Cr | | |
| 9 | 505 Electric Expenses | 91,608.51 | (27,185.46) |
| 10 | 506 Miscellaneous Steam Power Expenses | 681,012.77 | (73,557.59) |
| 11 | 507 Rents | | |
| 12 | Total Operation | 9,160,397.47 | (1,779,092.10) |
| 13 | Maintenance: | | |
| 14 | 510 Maintenance Supervision and Engineering | 739,138.13 | 51,587.74 |
| 15 | 511 Maintenance of Structure | 365,115.61 | (39,735.90) |
| 16 | 512 Maintenance of Boiler Plant | 670,085.98 | 47,507.33 |
| 17 | 513 Maintenance of Electric Plant | 333,730.54 | (319,085.88) |
| 18 | 514 Maintenance of Miscellaneous Steam Plant | 245,916.88 | (902,214.40) |
| 19 | Total Maintenance | 2,353,987.14 | (1,161,941.11) |
| 20 | Total Power Production Expenses - Steam Power | 11,514,384.61 | (2,941,033.21) |
| 21 | NUCLEAR POWER GENERATION | | |
| 22 | Operation: | | |
| 23 | 517 Operation Supervision and Engineering | | |
| 24 | 518 Fuel | 63,198.48 | (22,731.62) |
| 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 | 359,919.27 | 96,915.95 |
| 31 | 526 Other Nuclear Expenses | | |
| 32 | Total Operation | 423,117.75 | 74,184.33 |
| 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 | 423,117.75 | 74,184.33 |
| 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 |
|---|---|----------------------|--|
| 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 |
| 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 |
| OTHER POWER SUPPLY EXPENSES | | | |
| 26 | 555 Purchased Power | 45,257,588.73 | (2,363,556.75) |
| 27 | 556 System Control and Load Dispatching | 5,888.19 | (1,749.01) |
| 28 | 557 Other Expenses | 148,656.27 | (466,960.35) |
| 29 | Total Other Power Supply Expenses | 45,412,133.19 | (2,832,266.11) |
| 30 | Total Power Production Expenses | 57,349,635.55 | (5,699,114.99) |
| TRANSMISSION EXPENSES | | | |
| 32 | Operation: | | |
| 33 | 560 Operation Supervision and Engineering | 6,197.76 | (87.24) |
| 34 | 561 Load Dispatching | 11,602.71 | 651.75 |
| 35 | 562 Station Expenses | 224,906.29 | 222,436.08 |
| 36 | 563 Overhead Line Expenses | | |
| 37 | 564 Underground Line Expenses | | |
| 38 | 565 Transmission of Electricity by Others | 7,863,483.06 | 581,954.27 |
| 39 | 566 Miscellaneous Transmission Expenses | 82,910.09 | 36,368.48 |
| 40 | 567 Rents | 10,938.96 | |
| 41 | Total Operation | 8,200,038.87 | 841,323.34 |
| 42 | Maintenance: | | |
| 43 | 568 Maintenance Supervision and Engineering | | |
| 44 | 569 Maintenance of Structures | | |
| 45 | 570 Maintenance of Station Equipment | 3,794.02 | 3,794.02 |
| 46 | 571 Maintenance of Overhead Lines | | |
| 47 | 572 Maintenance of Underground Lines | | |
| 48 | 573 Maintenance of Miscellaneous Transmission Plant | | (116.57) |
| 49 | Total Maintenance | 3,794.02 | 3,677.45 |
| 50 | Total Transmission Expenses | 8,203,832.89 | 845,000.79 |

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

| Line No. | Account | Amount For Year | Increase or (Decrease) from Preceding Year |
|------------------------------|---|---------------------|--|
| DISTRIBUTION EXPENSES | | | |
| 2 | Operation: | | |
| 3 | 580 Operation Supervision and Engineering | 244,188.96 | (16,035.37) |
| 4 | 581 Load Dispatching | 323,382.15 | 20,509.59 |
| 5 | 582 Station Expenses | 55,870.72 | 1,789.75 |
| 6 | 583 Overhead Line Expenses | | |
| 7 | 584 Underground Line Expenses | 158.88 | 158.88 |
| 8 | 585 Street Lighting and Signal Systems Expenses | | (1,826.40) |
| 9 | 586 Meter Expenses | 574,608.19 | (58,078.67) |
| 10 | 587 Customer Installations Expenses | | |
| 11 | 588 Miscellaneous Distribution Expenses | 399,048.32 | (33,015.58) |
| 12 | 589 Rents | 441.98 | 18.52 |
| 13 | Total Operation | 1,597,699.20 | (86,479.28) |
| 14 | Maintenance: | | |
| 15 | 590 Maintenance Supervision and Engineering | 829,745.99 | (28,062.91) |
| 16 | 591 Maintenance of Structures | | |
| 17 | 592 Maintenance of Station Equipment | 325,996.59 | 88,490.45 |
| 18 | 593 Maintenance of Overhead Lines | 3,025,702.18 | 392,453.14 |
| 19 | 594 Maintenance of Underground Lines | 428,082.82 | 44,419.67 |
| 20 | 595 Maintenance of Line Transformers | 248,655.48 | 74,418.25 |
| 21 | 596 Maintenance of Street Lighting and Signal Systems | 202,992.45 | 16,712.39 |
| 22 | 597 Maintenance of Meters | | |
| 23 | 598 Maintenance of Miscellaneous Distribution Plant | 2,684.00 | 2,638.00 |
| 24 | Total Maintenance | 5,063,859.51 | 591,068.99 |
| 25 | Total Distribution Expenses | 6,661,558.71 | 504,589.71 |
| 26 | CUSTOMER ACCOUNTS EXPENSES | | |
| 27 | Operation: | | |
| 28 | 901 Supervision | 532,776.27 | 38,349.42 |
| 29 | 902 Meter Reading Expenses | 605,681.95 | 48,905.93 |
| 30 | 903 Customer Records and Collection Expenses | 2,291,715.97 | (59,688.37) |
| 31 | 904 Uncollectible Accounts | (78,703.87) | (558,703.87) |
| 32 | 906 Miscellaneous Customer Accounts Expenses | 10,100.00 | 1,049.58 |
| 33 | Total Customer Accounts Expenses | 3,361,570.32 | (530,087.31) |
| 34 | SALES EXPENSES | | |
| 35 | Operation: | | |
| 36 | 911 Supervision | | |
| 37 | 912 Demonstrating and Selling Expenses | 124,348.42 | 9,431.82 |
| 38 | 913 Advertising Expenses | 15,490.60 | (32,701.81) |
| 39 | 916 Miscellaneous Sales Expenses | 15,494.40 | |
| 40 | Total Sales Expenses | 155,333.42 | (23,269.99) |
| 41 | ADMINISTRATIVE AND GENERAL EXPENSES | | |
| 42 | Operation: | | |
| 43 | 920 Administrative and General Salaries | 2,289,058.28 | 365,865.22 |
| 44 | 921 Office Supplies and Expenses | 74,993.82 | (4,466.80) |
| 45 | 922 Administrative Expenses Transferred - Cr | | |
| 46 | 923 Outside Services Employed | 188,255.07 | 9,275.02 |
| 47 | 924 Property Insurance | 499,307.00 | (12,592.00) |
| 48 | 925 Injuries and Damages | 336,061.80 | 46,486.40 |
| 49 | 926 Employee Pensions and Benefits | (441,098.91) | (135,829.23) |
| 50 | 927 Loss on Investment | | |
| 51 | 928 Regulatory Commission Expenses | | |
| 52 | 929 Duplicate Charges - Cr | | |
| 53 | 930 Miscellaneous General Expenses | 810,598.33 | 23,523.10 |
| 54 | 931 Rents | (108,720.00) | 18,624.00 |
| 55 | 933 Transportation Expenses | 327,048.08 | 64,264.39 |

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

| Line No. | Account | Amount For Year | Increase or (Decrease) from Preceding Year |
|----------|--|----------------------|--|
| | Total Operation | 3,975,503.47 | 375,150.10 |
| 1 | ADMINISTRATIVE AND GENERAL EXPENSES-Continued | 3,975,503.47 | 375,150.10 |
| 2 | Maintenance: | | |
| 3 | 932 Maintenance of General Plant | 693,782.21 | 2,214.06 |
| | 935 Maintenance of Gen Plant & Information Systems | 1,310,060.01 | 76,794.71 |
| 4 | Total Administrative and General Expenses | 5,979,345.69 | 454,158.87 |
| 5 | Total Electric Operation and Maintenance Expenses | 81,711,276.58 | (4,448,722.92) |

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

| Line No. | Functional Classification | Operation | Maintenance | Total |
|----------|--|----------------------|---------------------|----------------------|
| 6 | Power Production Expenses | | | |
| 7 | Electric Generation: | | | |
| 8 | Steam Power | 9,160,397.47 | 2,353,987.14 | 11,514,384.61 |
| 9 | Nuclear Power | 423,117.75 | 0.00 | 423,117.75 |
| 10 | Hydraulic Power | 0.00 | 0.00 | 0.00 |
| 11 | Other Power | 45,412,133.19 | | 45,412,133.19 |
| 12 | Other Power Supply Expenses | | | |
| 13 | Total Power Production Expenses | 54,995,648.41 | 2,353,987.14 | 57,349,635.55 |
| 14 | Transmission Expenses | 8,200,038.87 | 3,794.02 | 8,203,832.89 |
| 15 | Distribution Expenses | 1,597,699.20 | 5,063,859.51 | 6,661,558.71 |
| 16 | Customer Accounts Expenses | 3,361,570.32 | | 3,361,570.32 |
| 17 | Sales Expenses | 155,333.42 | | 155,333.42 |
| 18 | Administrative and General Expenses | 3,975,503.47 | 2,003,842.22 | 5,979,345.69 |
| 19 | Total Electric Operation and Maintenance Expenses | 72,285,793.69 | 9,425,482.89 | 81,711,276.58 |

| | | |
|----|--|---------------|
| 21 | Ratio of Operating Expenses to Operating Revenues | 84.29% |
| 22 | Total Salaries and Wages of electric Department for Year, Including Amounts Charged to Operating Expenses, Construction and other Accounts. | 15,663,536.89 |
| 23 | Total Number of Employees of Electric Department at end of Year including Administrative, Operating, Maintenance, Construction and Other Employees (including Part Time Employees) | 160 |

ELECTRIC ENERGY ACCOUNT

| Line No. | Item | | Kilowatt-hours |
|----------|---|------------------------|--------------------|
| 1 | SOURCES OF ENERGY | | |
| 2 | Generation (excluding station use): | | |
| 3 | Steam | | 57,299,490 |
| 4 | Nuclear | | 8,387,997 |
| 5 | Hydro | | |
| 6 | Other | | |
| 7 | Total Generation | | 65,687,487 |
| 8 | Purchases | | |
| 9 | | In (gross) 657,320,960 | |
| 10 | Interchanges | | |
| 11 | | Out (gross) | |
| 11 | | Net (kWh) | 659,089,033 |
| 12 | | Received | |
| 13 | Transmission for/by other (wheeling) | | |
| 14 | | Delivered | |
| 14 | | Net (kWh) | |
| 15 | TOTAL | | 724,776,520 |
| 16 | DISPOSITION OF ENERGY | | |
| 17 | Sales to ultimate consumers (including interdepartmental sales) | | |
| 17 | | | 699,159,538 |
| 18 | Sales for Resale | | |
| 18 | | | 13,919,545 |
| 19 | Energy furnished without charge | | |
| 19 | | | 4,719,414 |
| 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 | | 6,978,023 |
| 27 | Energy Losses as percent of total on line 15 | 0.96% | |
| 28 | TOTALS | | 724,776,520 |

MONTHLY PEAKS AND OUTPUT

| Line No. | Month | Kilowatts | Day of Week | Day of Month | Hour | Type of Reading | Monthly Output (kwh) |
|----------|-----------|-----------|-------------|--------------|---------|-----------------|----------------------|
| 29 | JANUARY | 117,900 | Monday | 24 | 7:00 PM | 60 MIN | 63,694,360 |
| 30 | FEBRUARY | 109,580 | Tuesday | 1 | 6:00 PM | 60 MIN | 56,745,504 |
| 31 | MARCH | 104,670 | Thursday | 3 | 7:00 PM | 60 MIN | 58,902,380 |
| 32 | APRIL | 93,670 | Monday | 4 | 8:00 PM | 60 MIN | 53,095,890 |
| 33 | MAY | 116,810 | Tuesday | 31 | 5:00 PM | 60 MIN | 55,948,559 |
| 34 | JUNE | 143,260 | Wednesday | 8 | 6:00 PM | 60 MIN | 61,069,107 |
| 35 | JULY | 163,520 | Friday | 22 | 3:00 PM | 60 MIN | 74,228,618 |
| 36 | AUGUST | 142,820 | Monday | 1 | 3:00 PM | 60 MIN | 70,173,101 |
| 37 | SEPTEMBER | 119,880 | Wednesday | 14 | 3:00 PM | 60 MIN | 60,358,894 |
| 38 | OCTOBER | 101,060 | Monday | 10 | 7:00 PM | 60 MIN | 55,618,152 |
| 39 | NOVEMBER | 98,500 | Tuesday | 29 | 6:00 PM | 60 MIN | 54,766,462 |
| 40 | DECEMBER | 106,560 | Wednesday | 19 | 6:00 PM | 60 MIN | 60,175,493 |
| 41 | | | | | | Total | 724,776,520 |

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 | | 46 | 46 |
| 12 | Net generation, exclusive of station use | | 3,088,670 | 985,080 |
| 13 | Cost of Plant (omit cents) | | | |
| 14 | Land and Land Rights | 24,173 | 149,091 | 580,081 |
| 15 | Structures and Improvements | 9,104,986 | 1,948,159 | 6,876,557 |
| 16 | Reservoirs, dams and waterways | | | |
| 17 | Equipment costs | 5,225,448 | 6,681,607 | 45,658,590 |
| 18 | Roads, railroads, and bridges | | | |
| 19 | Total Cost | 14,354,607 | 8,778,857 | 53,115,228 |
| 20 | Cost per kw of installed capacity | 1,063 | 310 | 483 |
| 21 | Production Expenses: | | | |
| 22 | Operation Supervision and Engineering | | 425,564 | 1,015,381 |
| 23 | Station Labor | | 846,742 | 2,605,846 |
| 24 | Fuel | | 463,451 | 215,380 |
| 25 | Supplies and expenses, including water | | 1,887 | 69,661 |
| 26 | Maintenance | 31,677 | 464,930 | 1,487,858 |
| 27 | Rents | | | |
| 28 | Steam from other sources | | | |
| 29 | Steam Transferred - Credit | | | |
| 30 | Total | 31,677 | 2,202,574 | 5,394,126 |
| 31 | Expenses per net KWH (5 places) | | 0.71311 | 5.47583 |
| 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 | | 6,542.52 | 3,048.55 |
| 35 | Average heat content of fuel (B.t.u. per lb. of coal, per gal, of oil or per cu. ft. of gas) | | 3,456 | 3,439 |
| 36 | Average cost of fuel per unit, del. f.o.b. plant | | 70.8367724 | 70.6499811 |
| 37 | Average cost of fuel per unit consumed | | 70.8367724 | 70.6499811 |
| 38 | Average cost of fuel consumed per million B.t.u. | | 488.0731665 | 489.0916795 |
| 39 | Average cost of fuel consumed per kwh net gen. | | 0.1500487 | 0.2186421 |
| 40 | Average B.t.u. per kwh net generation | | 307 | 447 |
| 41 | | | | |
| 42 | | | | |

GENERATING STATION STATISTICS

| Plant (e) | Plant (f) | Plant (g) | Plant (h) | Plant (i) | Line No. |
|--------------|--------------|--------------|--------------|--------------|-------------|
| | | | | | 1 |
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| | | | | | 11 |
| | 53,212,220 | | | | 12 |
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| | | | | | 22 |
| | | | | | 23 |
| | 4,094,436 | | | | 24 |
| | | | | | 25 |
| | | | | | 26 |
| | | | | | 27 |
| | | | | | 28 |
| | | | | | 29 |
| | 4,094,436 | | | | 30 |
| | 0.07695 | | | | 31 |
| Natural Gas | | | | | 32 |
| MCU ft. | | | | | 33 |
| | | | | | 34 |
| | 592,584 | | | | 35 |
| | | | | | 36 |
| | 6.91 | | | | 37 |
| | 6.91 | | | | 38 |
| | 0.0116599 | | | | 39 |
| | 0.0769454 | | | | 40 |
| | 0 | | | | 41 |
| | | | | | 42 |

Note: All Cost Figures included under column D

STEAM GENERATING STATIONS

| Retired (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) |
|----------------|-------------------------|--------------------------------------|---------------|--|--|-------------|-------------|------------------------|----------------|--|---|
| 1966 | S.C. 1" HG ABS | 850 | 3600 | 22,000 | 28,300 | PSIG 0.5 | PSIG 30 | 85 | 13800 | 28,300 | 1 2 3 4 |
| 1975 | T.C. 1.5" H C ABS | 1,800 | 3600 | | 90,000 | PSIG 0.5 | PSIG 30 | 85 | 13800 | 90,000 | 5 6 7 8 9 10 11 12 13 14 |
| TOTALS | | | | | | | | | | 118,300 | 36 37 |

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 | | | | | | | |
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| 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 |
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| | | | | | | | | | 39 |
| | | | | | | TOTALS | 26,100 | 1 | 26,100 |

TRANSMISSION LINE STATISTICS

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

OVERHEAD DISTRIBUTION LINES OPERATED

| Line No | | Wood Poles | Steel Towers | Total |
|---------|--|---------------|--------------|---------------|
| 1 | Miles - Beginning of Year | 533.84 | | 533.84 |
| 2 | Added During Year | 6.41 | | 6.41 |
| 3 | Retired During Year | 5.24 | | 5.24 |
| 4 | Miles - End of Year | 535.01 | | 535.01 |
| 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 | 23,891 | 38,275 | 7,528 | 314,167.00 |
| 17 | Additions during year: | | | | |
| 18 | Purchased | | 670 | | |
| 19 | Installed | 132 | 261 | 97 | 6,492.50 |
| 20 | Assoc. with utility plant acquired | | | | |
| 21 | Total Additions | 132 | 931 | 97 | 6,492.50 |
| 22 | Reductions during year: | | | | |
| 23 | Retirements | | 520 | 67 | 3,257.50 |
| 24 | Assoc. with utility plant sold | | | | |
| 25 | Total Reductions | 0 | 520 | 67 | 3,257.50 |
| 26 | Number at End of Year | 24,023 | 38,686 | 7,558 | 317,402.00 |
| 27 | In Stock | | 700 | 350 | 12,084.50 |
| 28 | Locked meters on customers' permises | | 485 | | |
| 29 | Inactive transformers on system | | 37,454 | 7,211 | 303,865.00 |
| 30 | In customers' use | | 47 | 27 | 1,452.50 |
| 31 | In company use | | | | |
| 32 | Number at End of Year | 0 | 38,686 | 7,588 | 317,402.00 |

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE (Distribution System)

| Line No. | Designation of Underground Distribution Systems (a) | Underground Cable | | | Submarine Cable | |
|----------|---|---|-----------|-------|-----------------------|----------|
| | | Miles of Conduit Bank (All Sizes and Types) (b) | Miles (c) | | Operating Voltage (d) | Feet (e) |
| 1 | | 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 |
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| 33 | | | | | | |
| 34 | | | | | | |
| TOTALS | | 39.80 | 59.27 | | | |

STREET LAMPS CONNECTED TO SYSTEM

| | City of Town (a) | Total (b) | Incandescent | | Mercury Vapor | | Fluorescent | | Sodium | |
|----|------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | | | Municipal (c) | Other (d) | Municipal (e) | Other (f) | Municipal (g) | Other (h) | Municipal (i) | Other (j) |
| 1 | | | | | | | | | | |
| 2 | Taunton | 7,181 | 4 | 1 | 755 | 177 | | | 5,554 | 690 |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | Raynham | 724 | 79 | 3 | 35 | 72 | | | 250 | 285 |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | North Dighton | 177 | | | 116 | 3 | | | 22 | 36 |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | Berkley | 151 | | | | 15 | | | 17 | 119 |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | Lakeville | 6 | | | | 2 | | | 4 | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | Bridgewater | 4 | | | | | | | 4 | |
| 20 | | | | | | | | | | |
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| 43 | | | | | | | | | | |
| 44 | | | | | | | | | | |
| 45 | Totals | 8,243 | 83 | 4 | 906 | 269 | 0 | 0 | 5,851 | 1,130 |

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
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.

MONTHLY CHARGE

Service charge \$808.05

Delivery Services:

| | | |
|---------------------|------------------|-------------------|
| Distribution Charge | First 300 Hours | \$0.00676 per kWh |
| | Excess 300 Hours | \$0.00225 per kWh |
| Transmission Charge | | \$0.00000 per kWh |
| Transition Charge | | \$0.01524 per kWh |

Supplier Services:

| | | |
|-------------------|------------------|-------------------|
| Generation Charge | First 300 Hours | \$0.06076 per kWh |
| | Excess 300 Hours | \$0.05320 per kWh |

Total First 300 Hours \$0.08276 per kWh
Total Excess 300 Hours \$0.07069 per kWh

| | Customer 12-mo Peak | Coincident Network Peak | Coincident TMLP Peak |
|----------------------|------------------------|----------------------------|-------------------------|
| Distribution Demand* | \$2.88 per kva | | |
| Transition Demand* | \$1.65 per kva | | |
| Transmission Demand | | \$5.77 per kva | |
| FCM** | | \$2.80 per kva | |
| Schedule 3 | | | \$0.18 per kva |
| Total Demand | \$4.53 per kva | \$8.57 per kva | \$0.18 per kva |

* Highest peak during most recent 12-months

** FCM (Forward Capacity Market) - Calculated using the "Summer Ratchet" method

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 and FCM charges 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"). The summer ratchet shall apply to the FCM portion, wherein the customer will be charged the higher of the current month's Network Load, or that of the preceding June, July or August.
- (3) The Billing Demand applicable to the Schedule 3 charge shall be determined by the customer's kilo-volt ampere demand recorded or indicated coincident with the peak load within the Taunton Municipal Lighting Plant's service territory.

MINIMUM CHARGE

\$ 2,800.05 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
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 | \$0.01150 per kWh |
| Excess of 600 kWh | \$0.02684 per kWh |
| Transition Charge | \$0.03263 per kWh |
| Transmission | \$0.00886 per kWh |

Supplier Services:

| | |
|-------------------------|-------------------|
| Generation Charge | |
| First 600 kWh | \$0.05523 per kWh |
| Excess of 600 kWh | \$0.06939 per kWh |
| Total First 600 kWh | \$0.10822 per kWh |
| Total Excess of 600 kWh | \$0.13772 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 \$0.027].

For consumption above 300 kWh/mo the Service Charge is \$18.72 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 \$24.31

Delivery Services:

| | |
|---------------------|-------------------|
| Distribution Charge | \$0.03548 per kWh |
| Transition Charge | \$0.03479 per kWh |
| Transmission Charge | \$0.01836 per kWh |

Supplier Services:

| | |
|-------------------|--------------------------|
| Generation Charge | \$0.05864 per kWh |
| TOTAL | \$0.14727 per kWh |

MINIMUM CHARGE

\$24.31 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 \$808.05

Delivery Services:

Energy Charges:

| | | |
|---------------------|---------------------------|-------------------|
| Distribution Charge | First 300 Hours | \$0.00676 per kWh |
| | Excess 300 Hours | \$0.00225 per kWh |
| Transmission Charge | | \$0.00000 per kWh |
| Transition Charge | | \$0.01524 per kWh |
| | Subtotal First 300 Hours | \$0.02200 |
| | Subtotal Excess 300 Hours | \$0.01749 |

Demand Charges:

| | |
|---------------------|-----------------|
| Distribution Charge | \$2.88 per kva |
| Transmission Charge | \$5.77 per kva |
| Transition Charge | \$4.63 per kva |
| Subtotal | \$13.28 per kva |

Supplier Services:

| | | |
|-------------------|-----------------------|-------------------|
| Generation Charge | Under 300 Hours | \$0.06076 per kWh |
| | Over 300 Hours | \$0.05320 per kWh |
| | Total Under 300 Hours | \$0.08276 per kWh |
| | Total Over 300 Hours | \$0.07069 per kWh |
| | Total Demand | \$13.28 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

\$ 2,800.05 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 \$162.24

Delivery Services:

Energy Charges:

| | |
|----------------------------|--------------------------|
| Distribution Charge | \$0.00359 per kWh |
| Transition Charge | \$0.02605 per kWh |
| <u>Transmission Charge</u> | <u>\$0.00000 per kWh</u> |
| Subtotal | \$0.02964 per kWh |

Demand Charges:

| | |
|----------------------------|-----------------------|
| Distribution Charge | \$ 7.12 per kW |
| Transition Charge | \$ 5.08 per kW |
| <u>Transmission Charge</u> | <u>\$ 2.91 per kW</u> |
| Subtotal | \$15.11 per kW |

Supplier Services:

| | |
|--------------------------|--------------------------|
| <u>Generation Charge</u> | <u>\$0.06105 per kWh</u> |
| Total Energy | \$0.09069 per kWh |
| Total Demand | \$15.11 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

\$313.34 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 leveled 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.

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Michael J. Acvignu

MANAGER OF ELECTRIC LIGHT

Wash E. Blodgett Sr

SELECTMEN
OR
MEMBERS
OF THE
MUNICIPAL
LIGHT
BOARD

Joseph J. Martin

Carter H. Coon
