



The Commonwealth of Massachusetts

Return

of the

Electric Department of

The Town of North Attleborough, Massachusetts

to

The Commonwealth of Massachusetts

Department of Telecommunications & Energy

For the Year Ended December 31,

2017

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

Paula J. Tattrie

Official title: Business Division Manager

Office address: 275 Landry Avenue

No. Attleborough, MA 02760-3501

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FOR GAS PLANTS ONLY:

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Annual Report of: The North Attleborough Electric Department Year Ended December 31, 2017

GENERAL INFORMATION

1. Name of town (or city) making report:
North Attleborough, Massachusetts

2. If the tw (or city) has acquired a plant,
Kind of plant, whether gas or electric,
Owner from whom purchased, if so acquired.
Date of votes to acquire a plant in accordance with the provisions of Chapter 164 of the
General Laws.
Record of votes: First vote: Yes, :No, Second Vote: Yes, :No,
Date when town (or city) began to sell gas and electricity.
February 22, 1897

3. Name and address of manager of municipal lighting:
**James C. Moynihan
275 Landry Avenue
North Attleboro, MA 02760**

4. Name and address of mayor or selectmen:
**John Rhyno, 627R Mt. Hope Street, North Attleboro, MA 02760
Michael Lennox, 55 Hoyle Drive North Attleboro, MA 02760
Patrick Reynolds, 14 Stonehill Road, North Attleboro, MA 02760
Keith LaPointe, 28 John J Grimaldi North Attleboro, MA 02760
Paul Belham Sr. 126 Metters Street, North Attleboro, MA 0276**

5. Name and address of town (or city) treasurer:
**Christopher Sweet
145 Blackberry Road
North Attleboro, MA 02760**

6. Name and address of town (or city) clerk:
**Kevin Poirier
53 Ledgebrook Drive
North Attleboro, MA 02760**

7. Names and addresses of members of municipal light board:
**Dale Langille, 610 Hickory Road, North Attleboro, MA 02760
Brett Langille, 21 Edmund Corrigan Road, North Attleboro, MA 02760
Steven Cabral, 44 Wagon Wheel Road, North Attleboro, MA 02760**

8. Total valuation of estates in town (or city) according to last State Valuation: \$3,781,157,820.00

9. Tax rate for all purposes during the year: Residential: \$13.34
Commercial: \$13.37

10. Amount of manager's salary: \$176,322.05

11. Amount of manager's bond: \$300,000.00

12. Amount of salary paid to members of municipal light board (each): Chairman:
Member:
Member:

Annual Report of: The North Attleborough Electric Department Year Ended December 31, 2017

| FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT. | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| | | | Amount |
| INCOME FROM PRIVATE CONSUMERS | | | |
| From sales of gas | | | |
| From sales of electricity | | | \$33,212,158.59 |
| From rate stabilization fund | | | |
| TOTAL | | | \$33,212,158.59 |
| EXPENSES: | | | |
| For Operation, maintenance and repairs | | | \$30,239,267.36 |
| For interest on bonds, notes or scrip | | | \$20,275.80 |
| For depreciation fund | | | \$2,287,106.04 |
| For depreciation fund | | | |
| For sinking fund requirements | | | |
| For note payments | | | |
| For bond payments | | | \$60,000.00 |
| For loss in preceding year | | | |
| TOTAL | | | \$32,606,649.20 |
| COST: | | | |
| Of gas to be used for municipal buildings | | | |
| Of gas to be used for street lights | | | |
| Of electricity to be used for municipal buildings | | | \$1,887,890.45 |
| Of electricity to be used for street lights | | | \$162,548.30 |
| Total of above items to be included in the tax levy | | | \$2,050,438.75 |
| New construction to be included in the tax levy | | | |
| Total amount to be included in the tax levy: | | | \$2,050,438.75 |
| CUSTOMERS | | | |
| Names of cities or town in which the plant supplies GAS, with the number of customers' meters in each. | | Names of cities and towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each. | |
| City or Town | Number of Customers' Meters, Dec 31st. | City or Town | Number of Customers' Meters, Dec 31st. |
| | | North Attleborough | 13,369.00 |
| Total | | | |

Annual Report of: The North Attleborough Electric Department Year Ended December 31, 2017

| APPRPRIATIONS SINCE BEGINNING OF YEAR (Include also all items charge direct to tax levy, even where no appropriation is made or required) | | Amount |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|
| FOR CONSTRUCTION OR PURCHASE OF PLANT: | | |
| *At | meeting , to be paid from | |
| *At | meeting , to be paid from | |
| Total | | |
| FOR THE ESTIMATED COST OF GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR: | | |
| 1. | Street Lights | \$162,548.30 |
| 2. | Municipal Buildings | \$1,887,890.45 |
| 3. | | |
| Total | | \$2,050,438.75 |
| *Date of meeting and whether regular or special. Here insert bonds, notes or tax levy. | | |
| CHANGES IN 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 | | |
| Several 1 phase pole line reconstruction/upgrades of existing lines | | |
| Several 3/0 overhead reconstructions of existing plant | | |
| Several 3/0 URD reconstructions of existing plant | | |
| 3/0 and 1/0 overhead and underground subdivisions | | |

The North Attleborough Electric Department

BONDS (Issued on Account of Gas or Electric Lighting)

| When Authorized | Date of Issue | Amount of Original Issue | Period of Payments | | Interest | | Amount Outstanding at end of Year |
|------------------|---------------|--------------------------|--------------------|--------------|-------------|---------------|-----------------------------------|
| | | | Amounts | When Payable | Rate | When Payable | |
| March 13, 1893 R | Jan. 1, 1894 | \$50,000 | | | | | |
| March 17, 1958 R | May 1, 1958 | \$150,000 | | | | | |
| March 27, 1967 R | Nov. 15, 1968 | \$800,000 | | | | | |
| Dec. 1, 1975 S | April 1, 1976 | \$960,000 | | | | | |
| Oct. 20, 1980 R | Dec. 15, 1982 | \$500,000 | | | | | |
| April 3, 1989 R | May 15, 1990 | \$4,000,000 | | | | | |
| April 1998 R | Mar 15, 1999 | \$4,000,000 | \$210,000 | Annually | 4.25 - 5.0% | Semi-Annually | \$0 |
| May 19, 2003 R | Aug 15, 2003 | \$1,200,000 | \$60,000 | Annually | 3.00 - 5.0% | Semi-Annually | \$360,000 |
| Total | | \$11,660,000 | | | | Total | \$360,000 |

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.
Date of meeting and whether regular or special. List original issue of bonds and notes including those that have been retired.

The North Attleborough Electric Department

| TOWN NOTES (Issued on Account of Gas or Electric Lighting) | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|--------------------|--------------|----------|--------------|-----------------------------------|
| When Authorized | Date of Issue | Amount of Original Issue | Period of Payments | | Interest | | Amount Outstanding at end of Year |
| | | | Amounts | When Payable | Rate | When Payable | |
| March 13, 1899 R | July 1, 1899 | \$13,900 | | | | | \$0 |
| March 11, 1902 R | July 1, 1902 | \$3,000 | | | | | \$0 |
| March 19, 1906 R | May 1, 1906 | \$35,000 | | | | | \$0 |
| Nov. 6, 1906 R | June 30, 1907 | \$4,000 | | | | | \$0 |
| March 18, 1907 R | June 30, 1907 | \$2,000 | | | | | \$0 |
| Oct. 20, 1980 R | Oct. 23, 1981 | \$500,000 | | | | | \$0 |
| | Total | \$557,900 | | | | Total | \$0 |
| <p style="font-size: small;">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. Date of meeting and whether regular or special. List original issue of bonds and notes including those that have been retired.</p> | | | | | | | |

TOTAL COST OF PLANT - ELECTRIC

| Account | Balance Beginning of Year | Additions | Retirements | Adjustments | Transfers | Balance End of Year |
|-------------------------------------------|---------------------------------|-----------|-------------|-------------|-----------|---------------------------|
| 1. INTANGIBLE PLANT | | | | | | |
| 303 Miscellaneous Intangible Plant | | | | | | |
| Total Intangible Plant | | | | | | |
| 2. PRODUCTION PLANT | | | | | | |
| A. Steam Plant Production | | | | | | |
| 106 Completed Const. Not Classified | | | | | | |
| 310 Land & Land Rights | | | | | | |
| 311 Structures & Improvements | | | | | | |
| 312 Boiler Plant Equipment | | | | | | |
| 313 Engines & Engine Driven Generators | | | | | | |
| 314 Turbogenerator Units | | | | | | |
| 315 Accessory Electric Equipment | | | | | | |
| 316 Miscellaneous Power Plant Equipment | | | | | | |
| Total Steam Production Plant | | | | | | |
| B. Nuclear Production Plant | | | | | | |
| 320 Land & Land Rights | | | | | | |
| 321 Structures & Improvements | | | | | | |
| 322 Reactor Plant Equipment | | | | | | |
| 323 Turbogenerator Units | | | | | | |
| 324 Accessory Electric Equipment | | | | | | |
| 325 Misc. Power Plant Equipment | | | | | | |
| Total Nuclear Production Plant | | | | | | |
| C. Hydraulic Production Plant | | | | | | |
| 330 Land & Land Rights | | | | | | |
| 331 Structures & Improvements | | | | | | |
| 332 Reservoirs, Dams & Waterways | | | | | | |
| 333 Water Wheels, Turbines & Generators | | | | | | |
| 334 Accessory Electric Equipment | | | | | | |
| 335 Miscellaneous Power Plant Equipment | | | | | | |
| 336 Roads, Railroads & Bridges | | | | | | |
| Total Hydraulic Production Plant | | | | | | |
| D. Other Production Plant | | | | | | |
| 340 Land & Land Rights | | | | | | |
| 341 Structures & Improvements | | | | | | |
| 342 Fuel Holders, Producers & Accessories | | | | | | |
| 343 Prime Movers | | | | | | |
| 344 Generators | | | | | | |
| 345 Accessory Electric Equipment | | | | | | |
| 346 Miscellaneous Power Plant Equipment | | | | | | |
| Total Other Production Plant | | | | | | |
| 3. TRANSMISSION PLANT | | | | | | |
| 350 Land & Land Rights | | | | | | |
| 351 Clearing Land & Rights of Way | | | | | | |
| 352 Structures & Improvements | | | | | | |
| 353 Station Equipment | | | | | | |
| 354 Towers & Fixtures | | | | | | |
| 355 Poles & Fixtures | | | | | | |
| 356 Overhead Conductors & Devices | | | | | | |
| 357 Underground Conduit | | | | | | |
| 358 Underground Conductors & Devices | | | | | | |
| 359 Roads & Trails | | | | | | |
| Total Transmission Plant | | | | | | |

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the cost cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land values should be taken as a basis for figuring depreciation.

TOTAL COST OF PLANT - ELECTRIC

| Account | Balance Beginning of Year | Additions | Retirements | Adjustments | Transfers | Balance End of Year |
|-----------------------------------------------------|---------------------------------|-------------------|---------------------|-------------|-----------|---------------------------|
| 4. DISTRIBUTION PLANT | | | | | | |
| 360 Land & Land Rights | 99,623.22 | | | | | 99,623.22 |
| 361 Structures & Improvements | 1,646,964.70 | 3,141.70 | | | | 1,650,106.40 |
| 362 Station Equipment | 6,483,497.31 | 969.00 | | | | 6,484,466.31 |
| 363 Storage Battery Equipment | | | | | | |
| 364 Poles, Towers & Fixtures | 5,020,296.95 | 107,570.51 | (49,948.13) | | | 5,077,919.33 |
| 365 Overhead Conductors & Devices | 5,841,618.46 | 160,467.97 | (34,903.85) | | | 5,967,182.58 |
| 366 Underground Conduit | 3,932,632.60 | 6,355.60 | | | | 3,938,988.20 |
| 367 Underground Conduit & Devices | 2,928,346.60 | 16,369.30 | (2,126.65) | | | 2,942,589.25 |
| 368 Line Transformers | 3,902,337.00 | 12,652.00 | | | | 3,914,989.00 |
| 369 Services | 1,310,533.14 | 24,312.43 | (8,291.56) | | | 1,326,554.01 |
| 370 Meters | 1,660,158.46 | 23,344.00 | (15,900.11) | | | 1,667,602.35 |
| 371 Installations on Customer's Premises | 281,115.46 | | | | | 281,115.46 |
| 372 Leased Property on Customer's Premises | 212,316.38 | 41,542.34 | (32,042.84) | | | 221,815.88 |
| 373 Street Lighting & Signal Systems | 369,550.94 | 101,748.71 | (212,006.53) | | | 259,293.12 |
| Total Distribution Plant | 33,688,991.22 | 498,473.56 | (355,219.67) | | | 33,832,245.11 |
| 5. GENERAL PLANT | | | | | | |
| 389 Land & Land Rights | | | | | | |
| 390 Structures & Improvements | 4,460,439.56 | 38,277.61 | | | | 4,498,717.17 |
| 391 Office Furniture & Equipment | 2,123,913.06 | 49,804.65 | (118,777.75) | | | 2,054,939.96 |
| 392 Transportation Equipment | 1,890,443.83 | | | | | 1,890,443.83 |
| 393 Stores Equipment | | | | | | |
| 394 Tools, Shop & Garage Equipment | 62,260.34 | 8,776.53 | | | | 71,036.87 |
| 395 Laboratory Equipment | 152,149.57 | 649.00 | | | | 152,798.57 |
| 396 Power Operated Equipment | 22,900.00 | 60,395.00 | | | | 83,295.00 |
| 397 Communication Equipment | 1,706,048.93 | 21,833.16 | | | | 1,727,882.09 |
| 398 Miscellaneous Equipment | 392,805.54 | | | | | 392,805.54 |
| 399 Other Tangible Property | | | | | | |
| Total General Plant | 10,810,960.83 | 179,735.95 | (118,777.75) | | | 10,871,919.03 |
| Total Electric Plant in Service | 44,499,952.05 | 678,209.51 | (473,997.42) | | | 44,704,164.14 |
| Less Cost of Land, Land Rights, Right of Way | | | | | | 99,623.22 |
| Total Cost upon which Depreciation is based | | | | | | 44,604,540.92 |

COMPARATIVE BALANCE SHEET Assets and Liabilities

| Title of Account | Balance Beginning of Year | Balance End of Year | Increase or Decrease |
|------------------------------------------------|---------------------------------|---------------------------|----------------------------|
| UTILITY PLANT | | | |
| 101 Utility Plant - Electric (P.17) | \$12,507,288.43 | \$10,965,481.64 | (\$1,541,806.79) |
| 101 Non Utility Plant - Net | | | |
| 107 Construction Work in Progress | 181,460.18 | 2,828,978.38 | 2,647,518.20 |
| 123 Investment in Associated Companies | | | |
| Total Utility Plant | <u>12,688,748.61</u> | <u>13,794,460.02</u> | <u>1,105,711.41</u> |
| FUND ACCOUNTS | | | |
| 125 Sinking Funds | | | |
| 126 Depreciation Fund (P.14) | 30,134,686.76 | 32,389,693.15 | 2,255,006.39 |
| 128 Other Special Funds | 1,794,643.81 | 1,815,069.62 | 20,425.81 |
| Total Funds | <u>31,929,330.57</u> | <u>34,204,762.77</u> | <u>2,275,432.20</u> |
| CURRENT AND ACCRUED ASSETS | | | |
| 131 Cash (P.14) | 11,577,607.85 | 12,884,070.28 | 1,306,462.43 |
| 132 Special Deposits | 753,640.84 | 843,373.08 | 89,732.24 |
| 135 Working Funds | 1,700.00 | 1,700.00 | |
| 141 Notes Receivable | | | |
| 142 Customer Accounts Receivable | 2,053,660.32 | 2,206,384.80 | 152,724.48 |
| 143 Other Accounts Receivable | 130,151.98 | 275,317.15 | 145,165.17 |
| 146 Receivables from Municipality | | | |
| 154 Materials and Supplies | 828,890.13 | 892,428.33 | 63,538.20 |
| Less Obsolete Inventory | | | |
| 165 Prepayments | 2,776,286.18 | 2,659,559.18 | (116,727.00) |
| 174 Miscellaneous Current Assets | 2,511,599.38 | 2,441,920.38 | (69,679.00) |
| Total Current and Accrued Assets | <u>20,633,536.68</u> | <u>22,204,753.20</u> | <u>1,571,216.52</u> |
| DEFERRED DEBITS | | | |
| 181 Unamortized Debt Discount | 9,218.32 | 4,000.76 | (5,217.56) |
| 182 Extraordinary Property Losses | | | |
| 183 Preliminary Survey & Investigation Charges | | | |
| 185 Other Deferred Debits | | | |
| 186 Deferred Outflows of Resources | 1,022,346.00 | 1,407,885.00 | 385,539.00 |
| Total Deferred Debits | <u>1,031,564.32</u> | <u>1,411,885.76</u> | <u>380,321.44</u> |
| Total Assets and Other Debits | <u>66,283,180.18</u> | <u>71,615,861.75</u> | <u>5,332,681.57</u> |

The North Attleborough Electric Department

edits

| Line No. | Title of Account (a) | Balance Beginning of Year (b) | Balance End of Year (c) | Increase or (Decrease) (d) |
|----------|---------------------------------------------------|-------------------------------|-------------------------|----------------------------|
| 1 | APPROPRIATIONS | | | |
| 2 | 201 Appropriations for Construction | | | \$0 |
| 3 | SURPLUS | | | |
| 4 | 205 Sinking Fund Reserves | | | \$0 |
| 5 | 206 Loans Repayments | \$0 | \$0 | \$0 |
| 6 | 207 Appropriations for Construction Repayments | \$0 | \$0 | \$0 |
| 7 | 208 Unappropriated Earned Surplus (P.12) | \$4,887,916 | \$4,502,666 | (\$385,251) |
| 8 | 215 Restricted Surplus | \$43,997,298 | \$ 48,094,903.55 | \$4,097,606 |
| 9 | Total Surplus | \$48,885,214 | \$52,597,569 | \$3,712,355 |
| 10 | LONG TERM DEBT | | | |
| 11 | 221 Bonds (P.6) | \$630,000 | \$360,000 | (\$270,000) |
| 12 | 231 Notes Payable (P.7) | | | \$0 |
| 13 | Total Bonds and Notes | \$630,000 | \$360,000 | (\$270,000) |
| 14 | CURRENT AND ACCRUED LIABILITIES | | | |
| 15 | 232 Accounts Payable | \$2,439,300 | \$3,302,412 | \$863,112 |
| 16 | 234 Payables to Municipality | | | \$0 |
| 17 | 235 Customer' Deposits | \$746,146 | \$827,845 | \$81,699 |
| 18 | 236 Taxes Accrued | | | \$0 |
| 19 | 237 Interest Accrued | \$11,556 | \$6,694 | (\$4,863) |
| 20 | 242 Miscellaneous Current and Accrued Liabilities | \$364,894 | \$384,171 | \$19,276 |
| 21 | Total Current and Accrued Liabilities | \$3,561,897 | \$4,521,122 | \$959,225 |
| 22 | DEFERRED CREDITS | | | |
| 23 | 250 Deferred Inflows related to Pension | \$34,209 | \$424,678 | \$390,469 |
| 24 | 251 Unamortized Premium on Debt | | | \$0 |
| 25 | 252 Customer Advances for Construction | \$154,281 | \$97,605 | (\$56,676) |
| 26 | 253 Other Deferred Credits | \$2,704,756 | \$2,309,929 | (\$394,826) |
| 27 | Total Deferred Credits | \$2,893,246 | \$2,832,212 | (\$61,034) |
| 28 | RESERVES | | | |
| 29 | 260 Reserves for Uncollectable Accounts | \$345,952 | \$481,624 | \$135,672 |
| 30 | 260 Reserves for Rate Stabilization | \$7,084,089 | \$7,851,668 | \$767,579 |
| 31 | 262 Injuries and Damages Reserves | | | \$0 |
| 32 | 263 Pensions and Benefits | \$2,882,783 | \$2,971,667 | \$88,884 |
| 33 | 265 Miscellaneous Operating Reserves | | | \$0 |
| 34 | Total Reserves | \$10,312,824 | \$11,304,959 | \$992,135 |
| 35 | CONTRIBUTIONS IN AID OF | | | |
| 36 | CONSTRUCTION | | | |
| 37 | 271 Contributions in Aid of Construction | | \$0 | \$0 |
| 38 | Total Liabilities and Other Credits | \$66,283,181 | \$71,615,862 | \$5,332,681 |

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.

STATEMENT OF INCOME FOR THE YEAR

| Account | Current Year | Preceding Year | Increase or (Decrease) from |
|--------------------------------------------------------|----------------------|----------------------|--------------------------------|
| OPERATING INCOME | | | |
| 400 Operating Revenues (P.37 and 43) | \$30,488,046.91 | \$30,732,059.47 | (\$244,012.56) |
| Operating Expenses: | | | |
| 401 Operation Expense (P.42 & 47) | 23,542,696.68 | 24,051,136.75 | (508,440.07) |
| 402 Maintenance Expense (P.42 & 47) | 1,467,949.91 | 1,365,126.25 | 102,823.66 |
| 403 Depreciation Expense | 2,220,016.30 | 2,163,690.80 | 56,325.50 |
| 407 Amortization of Property Losses | | | |
| 408 Taxes (p.49) | | | |
| Total Operating Expenses | <u>27,230,662.89</u> | <u>27,579,953.80</u> | <u>(349,290.91)</u> |
| Operating Income | <u>3,257,384.02</u> | <u>3,152,105.67</u> | <u>105,278.35</u> |
| 414 Other Utility Operating Income (P.50) | 64,644.78 | 55,222.29 | 9,422.49 |
| Total Operating Income | <u>3,322,028.80</u> | <u>3,207,327.96</u> | <u>114,700.84</u> |
| OTHER INCOME | | | |
| 415 Income from Merchandising, Jobbing & Contract Work | 101,864.17 | 170,384.39 | (68,520.22) |
| 419 Interest Income | 518,149.14 | 601,974.45 | (83,825.31) |
| 421 Miscellaneous Nonoperating Income | 1,502.00 | 1,474.70 | 27.30 |
| Total Other Income | <u>621,515.31</u> | <u>773,833.54</u> | <u>(152,318.23)</u> |
| Total Income | <u>3,943,544.11</u> | <u>3,981,161.50</u> | <u>(37,617.39)</u> |
| MISCELLANEOUS INCOME DEDUCTIONS | | | |
| 425 Miscellaneous Amortization | | | |
| 426 Other Income Deductions | 104,064.65 | 182,898.05 | (78,833.40) |
| Total Income Deductions | <u>104,064.65</u> | <u>182,898.05</u> | <u>(78,833.40)</u> |
| Income before Interest Charges | <u>4,047,608.76</u> | <u>4,164,059.55</u> | <u>(116,450.79)</u> |
| INTEREST CHARGES | | | |
| 427 Interest on Bonds and Notes | 24,087.50 | 36,595.83 | (12,508.33) |
| 428 Amortization of Debt Discount and Expense | 5,217.56 | 11,307.60 | (6,090.04) |
| 429 Amortization of Premium on Debt/Credit | | | |
| 431 Other Interest Expense | 5,948.63 | 3,848.18 | 2,100.45 |
| 432 Interest Charged to Construction - Credit | | | |
| Total Interest Charges | <u>35,253.69</u> | <u>51,751.61</u> | <u>(16,497.92)</u> |
| Net Income | <u>4,012,355.07</u> | <u>4,112,307.94</u> | <u>(99,952.87)</u> |

The North Attleborough Electric Department

| EARNED SURPLUS | | | |
|----------------|-------------------------------------------------------------|----------------|-----------------------|
| Line No. | (a) | Debits (b) | Credits (c) |
| 34 | Unappropriated Earned Surplus (at beginning of Period)..... | | \$4,887,916.49 |
| 35 | | | |
| 36 | | | |
| 37 | 433 Balance transferred from Income..... | | \$4,012,355.07 |
| 38 | 434 Miscellaneous Credits to Surplus..... | | \$16,039.27 |
| 39 | 435 Miscellaneous Debits to Surplus..... | \$3,661,965.32 | |
| 40 | 436 Appropriations of Surplus (P.21)..... | \$751,680.00 | |
| 41 | 437 Surplus Applied to Depreciation..... | | |
| 42 | 439 Adjustments to retained earnings..... | \$0.00 | |
| 43 | 208 Unappropriated Earned Surplus (at end of period)..... | | \$4,502,665.51 |
| 44 | | | |
| 45 | TOTALS | | |

Annual Report of : North Attleborough Electric Department Year Ended December 31, 2017

| CASH BALANCES AT END OF YEAR (Account 131) | |
|-----------------------------------------------------------------------------------------|----------------------|
| Items | Amount |
| Operation Fund | \$12,884,070.28 |
| Interest Fund | |
| Bond Fund | |
| Construction Fund | |
| Total | 12,884,070.28 |
| MATERIALS & SUPPLIES (Accounts 151 - 159, 163) Summary per Balance Sheet | |
| Account | |
| Electric | |
| Fuel (Account 151) (See Schedule, Page 25) | |
| Fuel Stock Expenses (Account 152) | |
| Residuals (Account 153) | |
| Plant Materials & Operating Supplies (Account 154) | 892,428.33 |
| Merchandise (Account 155) | |
| Other Materials & Supplies (Account 156) | |
| Nuclear Fuel Assemblies & Components - In Reactor (Account 157) | |
| Nuclear Fuel Assemblies & Components - Stock Account (Account 158) | |
| Nuclear Byproduct Materials (Account 159) | |
| Stores Expense (Account 163) | |
| Total | 892,428.33 |
| DEPRECIATION FUND ACCOUNT (Account 126) | |
| Items | Amount |
| DEBITS | |
| Balance of account at beginning of year | 30,134,686.76 |
| Amount transferred from Income - Interest and Gain/Loss | 575,624.00 |
| Amount transferred from income - Depreciation Expense | 2,163,690.80 |
| Amount transferred from Income - Rate Stabilization Fund | 902,224.71 |
| Contribution in Aid of Construction | |
| Total Debits | 3,641,539.51 |
| CREDITS | |
| Amount expended for construction purposes | 1,386,533.12 |
| Amount expended for renewals | |
| Capital Improvements | |
| Principal Payments | |
| Power Credit Transfer to Operating Fund | |
| Total Credits | 1,386,533.12 |
| Balance of account at end of year | 32,389,693.15 |

UTILITY PLANT - ELECTRIC

1. Report below the items of utility plant in service according to prescribed accounts. 2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c). 3. Credit adjustments of plant accounts should be enclosed in parenthesis indicate the negative effect of such amounts. 4. Reclassification or transfers within utility plant accounts should be shown in column (f).

| Account (a) | Balance Beginning of Year (b) | Additions (c) | Depreciation (c) | Credits (d) | Other Transfers (e) | Adjustments End of Year (f) | Balance (g) |
|-----------------------------------------|-------------------------------------|------------------|---------------------|----------------|---------------------------|-----------------------------------|----------------|
| 1. INTANGIBLE PLANT | | | | | | | |
| 303 Miscellaneous Intangible Plant | | | | | | | |
| Total Intangible Plant | | | | | | | |
| 2. PRODUCTION PLANT | | | | | | | |
| A. Steam Plant Production | | | | | | | |
| 106 Completed Const. Not Classified | | | | | | | |
| 310 Land & Land Rights | | | | | | | |
| 311 Structures & Improvements | | | | | | | |
| 312 Boiler Plant Equipment | | | | | | | |
| 313 Engines & Engine Driven Generators | | | | | | | |
| 314 Turbogenerator Units | | | | | | | |
| 315 Accessory Electric Equipment | | | | | | | |
| 316 Miscellaneous Power Plant Equipment | | | | | | | |
| Total Steam Production Plant | | | | | | | |
| B. Nuclear Production Plant | | | | | | | |
| 320 Land & Land Rights | | | | | | | |
| 321 Structures & Improvements | | | | | | | |
| 322 Reactor Plant Equipment | | | | | | | |
| 323 Turbogenerator Units | | | | | | | |
| 324 Accessory Electric Equipment | | | | | | | |
| 325 Misc. Power Plant Equipment | | | | | | | |
| Total Nuclear Production Plant | | | | | | | |

UTILITY PLANT - ELECTRIC

| Account (a) | Balance Beginning of Year (b) | Additions | Depreciation (c) | Credits (d) | Other Transfers (e) | Adjustments End of Year (f) | Balance (g) |
|-------------------------------------------|-------------------------------------|-----------|---------------------|----------------|---------------------------|-----------------------------------|----------------|
| C. Hydraulic Production Plant | | | | | | | |
| 330 Land & Land Rights | | | | | | | |
| 331 Structures & Improvements | | | | | | | |
| 332 Reservoirs, Dams & Waterways | | | | | | | |
| 333 Water Wheels, Turbines & Generators | | | | | | | |
| 334 Accessory Electric Equipment | | | | | | | |
| 335 Miscellaneous Power Plant Equipment | | | | | | | |
| 336 Roads, Railroads & Bridges | | | | | | | |
| Total Hydraulic Production Plant | | | | | | | |
| D. Other Production Plant | | | | | | | |
| 340 Land & Land Rights | | | | | | | |
| 341 Structures & Improvements | | | | | | | |
| 342 Fuel Holders, Producers & Accessories | | | | | | | |
| 343 Prime Movers | | | | | | | |
| 344 Generators | | | | | | | |
| 345 Accessory Electric Equipment | | | | | | | |
| 346 Miscellaneous Power Plant Equipment | | | | | | | |
| Total Other Production Plant | | | | | | | |
| 3. TRANSMISSION PLANT | | | | | | | |
| 350 Land & Land Rights | | | | | | | |
| 351 Clearing Land & Rights of Way | | | | | | | |
| 352 Structures & Improvements | | | | | | | |
| 353 Station Equipment | | | | | | | |
| 354 Towers & Fixtures | | | | | | | |
| 355 Poles & Fixtures | | | | | | | |
| 356 Overhead Conductors & Devices | | | | | | | |
| 357 Underground Conduit | | | | | | | |
| 358 Underground Conductors & Devices | | | | | | | |
| 359 Roads & Trails | | | | | | | |
| Total Transmission Plant | | | | | | | |

UTILITY PLANT - ELECTRIC

| Account (a) | Balance Beginning of Year (b) | Additions (c) | Depreciation (d) | Credits (e) | Other Transfers (f) | Adjustments End of Year (g) | Balance (g) |
|-----------------------------------------------|-------------------------------------|---------------------|---------------------|-------------------------|---------------------------|-----------------------------------|------------------------|
| 4. DISTRIBUTION PLANT | | | | | | | |
| 360 Land & Land Rights | \$99,623.22 | | | | | | \$99,623.22 |
| 361 Structures & Improvements | \$917,670.46 | \$3,141.70 | | (\$98,264.10) | | | \$822,548.06 |
| 362 Station Equipment | \$129,983.91 | \$969.00 | | (\$129,983.91) | | | \$969.00 |
| 363 Storage Battery Equipment | | | | | | | |
| 364 Poles, Towers & Fixtures | \$2,414,495.11 | \$107,570.51 | | (\$299,530.01) | | | \$2,222,535.61 |
| 365 Overhead Conductors & Devices | \$2,778,570.04 | \$160,467.97 | | (\$348,534.05) | | | \$2,590,503.96 |
| 366 Underground Conduit | \$532,462.63 | \$6,355.60 | | (\$234,636.05) | | | \$304,182.18 |
| 367 Underground Conduit & Devices | \$1,444,044.21 | \$16,369.30 | | (\$174,717.05) | | | \$1,285,696.46 |
| 368 Line Transformers | \$675,270.26 | \$12,652.00 | | (\$232,829.09) | | | \$455,093.17 |
| 369 Services | \$382,911.68 | \$24,312.43 | | (\$78,191.04) | | | \$329,033.07 |
| 370 Meters | \$857,001.40 | \$23,344.00 | | (\$99,051.96) | | | \$781,293.44 |
| 371 Installations on Customer's Premises | | | | | | | |
| 372 Leased Property on Customer's Premises | \$2,978.36 | \$41,542.34 | | (\$2,978.36) | | | \$41,542.34 |
| 373 Street Lighting & Signal Systems | \$22,878.98 | \$101,748.71 | | (\$22,049.04) | | | \$102,578.65 |
| Total Distribution Plant | \$10,257,890.26 | \$498,473.56 | | (\$1,720,764.66) | | | \$9,035,599.16 |
| 5. GENERAL PLANT | | | | | | | |
| 389 Land & Land Rights | | | | | | | |
| 390 Structures & Improvements | \$458,239.56 | \$38,277.61 | | (\$266,127.05) | | | \$230,390.12 |
| 391 Office Furniture & Equipment | \$311,653.26 | \$49,804.65 | | (\$60,180.96) | | | \$301,276.95 |
| 392 Transportation Equipment | \$604,985.46 | | | (\$60,498.57) | | | \$544,486.89 |
| 393 Stores Equipment | | | | | | | |
| 394 Tools, Shop & Garage Equipment | \$33,146.30 | \$8,776.53 | | (\$6,629.26) | | | \$35,293.57 |
| 395 Laboratory Equipment | \$27,560.53 | \$649.00 | | (\$5,512.11) | | | \$22,697.42 |
| 396 Power Operated Equipment | \$16,694.14 | \$60,395.00 | | (\$1,669.42) | | | \$75,419.72 |
| 397 Communication Equipment | \$793,861.67 | \$21,833.16 | | (\$98,308.56) | | | \$717,386.27 |
| 398 Miscellaneous Equipment | \$3,257.25 | | | (\$325.71) | | | \$2,931.54 |
| 399 Other Tangible Property | | | | | | | |
| Total General Plant | \$2,249,398.17 | \$179,735.95 | | (\$499,251.64) | | | \$1,929,882.48 |
| Total Utility Plant Electric | \$12,507,288.43 | \$678,209.51 | | (\$2,220,016.30) | | | \$10,965,481.64 |

The North Attleborough Electric Department

| MISCELLANEOUS NON-OPERATING INCOME (Account 421) | | |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------|
| Line No. | Item (a) | Amount (b) |
| 1 | Gain/Loss on Property | \$752.00 |
| 2 | Other | \$750.00 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | TOTAL | \$1,502.00 |
| OTHER INCOME DEDUCTIONS (Account 426) | | |
| Line No. | Item (a) | Amount (b) |
| 7 | | |
| 8 | Gain/Loss on Investment | \$104,064.65 |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | TOTAL | |
| MISCELLANEOUS CREDITS TO SURPLUS (Account 434) | | |
| Line No. | Item (a) | Amount (b) |
| 15 | Transfer from Depreciation | \$1,386,533.12 |
| 16 | Change in Investment of Capital Assets, net of related debt | (\$1,370,493.85) |
| 17 | | |
| 18 | | |
| 19 | | |
| 20 | | |
| 21 | | |
| 22 | | |
| 23 | TOTAL | \$16,039.27 |
| MISCELLANEOUS DEBITS TO SURPLUS (Account 435) | | |
| Line No. | Item (a) | Amount (b) |
| 24 | Transfer to Depreciation | \$2,715,018.48 |
| 25 | Transfer to Rate Stabilization | \$926,521.03 |
| 26 | Transfer to Insurance Fund | \$20,425.81 |
| 27 | | |
| 28 | | |
| 29 | | |
| 30 | | |
| 31 | | |
| 32 | TOTAL | \$3,661,965.32 |
| APPROPRIATIONS OF SURPLUS (Account 436) | | |
| Line No. | Item (a) | Amount (b) |
| 33 | Appropriated to the Town of North Attleborough from income for the reduction of the | |
| 34 | General Tax Levy | \$300,000.00 |
| 35 | | |
| 36 | | |
| 37 | Appropriated to the Town of North Attleborough from surplus fund for the High School Field Lights | \$451,680.00 |
| 38 | | |
| 39 | | |
| 40 | TOTAL | \$751,680.00 |
| ADJUSTMENTS TO RETAINED EARNINGS (Account 439) | | |
| Line No. | Item (a) | Amount (b) |
| 41 | | |
| 42 | | |
| 43 | | |
| 44 | | |
| 45 | | |
| 46 | | |
| 47 | | |
| 48 | TOTAL | \$0.00 |

| MUNICIPAL REVENUES (Account 482,444) | | | | |
|-----------------------------------------------------------------|------------------------------------------|----------------|-----------------------|--------------------------------------|
| (K.W.H. sold under the provisions of Chapter 269, Acts of 1927) | | | | |
| Acct. No. | Gas Schedule (a) | Cubic Feet (b) | Revenues Received (c) | Avg. Revenues per M.C.F. (.0000) (d) |
| Total | | | | |
| Acct. No. | Electric Schedule (a) | K.W.H. (b) | Revenues Received (c) | Avg. Revenues per K.W.H. (.0000) (d) |
| 444 | Municipals: (Other than Street Lighting) | | | |
| M-11 | Small Municipal Service | 1,149,169 | 182,561.17 | .1589 |
| M-12 | Large Municipal Service | 9,132,620 | 945,832.88 | .1036 |
| M-13 & M-23 | Time of Use Municipal Service | 3,567,400 | 488,686.38 | .1370 |
| Total | | 13,849,189 | 1,617,080.43 | .1168 |
| M-14 | Street Lighting | 677,369 | 162,515.67 | .2399 |
| Total Municipal | | 14,526,558 | 1,779,596.10 | .1225 |

| PURCHASES POWER (Account 555) | | | | |
|---------------------------------------------------------------|----------------------------------------|------------|------------|-------------------------------------|
| Name of Utilities from which Electric Energy is Purchased (a) | Where and at What Voltage Received (b) | K.W.H. (c) | Amount (d) | Cost per K.W.H. (Cents) (.0000) (e) |
| SEE PAGES 54 AND 55 | | | | |
| Totals | | | | |

| SALES FR RESALE (Account 447) | | | | |
|----------------------------------------------------------|----------------------------------------|------------|------------|-------------------------------------|
| Name of Utilities from which Electric Energy is Sold (a) | Where and at What Voltage Received (b) | K.W.H. (c) | Amount (d) | Revenues K.W.H. (Cents) (.0000) (e) |
| SEE PAGES 52 AND 53 | | | | |
| Totals | | | | |

| ELECTRIC OPERATING REVENUES (ACCOUNT 400) | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------|---------------------------|---------------------------------------------------------|---------------------------------------|---------------------------------------------------------|
| 1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year. 2. If increases and decreases are not derived from previously reported figures explain any inconsistencies. 3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers mean the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc. indicate in a footnote the number of such duplicate customers included in the classification. 4. Unmetered sales should be included below. The details of such sales should be given in a footnote. 5. Classification of Commercial and Industrial Sales Account 442, according to Small (or Commercial) and Large, (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 Kw of demand. See account 442 of the Uniform System of Accounts. Explain basis of explanation. | | | | | | |
| Account (a) | Operating Revenues | | Kilowatt-hours Sold | | Average Number of Customers per Month | |
| | Amount for Year (b) | Increase or (Decrease) from Preceding Year (c) | Amount for Year (d) | Increase or (Decrease) from Preceding Year (e) | Amount for Year (f) | Increase or (Decrease) from Preceding Year (g) |
| SALES OF ELECTRICITY | | | | | | |
| 440 Residential Sales | 16,858,155 | (174,842) | 106,150,936 | (1,285,802) | 12,052 | (100) |
| 442 Commercial & Industrial Sales | | | | | | |
| Small (or Commercial) see instr. 5 | 3,060,113 | (31,821) | 18,572,482 | (213,595) | 987 | 16 |
| Large (or Industrial) see instr. 5 | 11,549,881 | (211,948) | 78,527,666 | (1,758,481) | 128 | (4) |
| 444 Municipal Sales (P.22) | 1,779,596 | (311,536) | 14,526,558 | (168,880) | 136 | 25 |
| 445 Other Sales to Public Authorities | | | | | | |
| 446 Sales to Railroads & Railways | | | | | | |
| 448 Interdepartmental Sales | | | | | | |
| 449 Miscellaneous Electric Sales | 159,064 | (2,175) | 1,010,663 | (19,372) | 30 | 13 |
| 491 Provision for Rate Refunds | (3,070,493) | 538,415 | | | | |
| Total Sales to Ultimate Consumers | 30,336,316 | (193,907) | 218,788,305 | (3,446,130) | 13,333 | (50) |
| 447 Sales for Resale | | | | | | |
| Total Sales of Electricity | 30,336,316 | (193,907) | 218,788,305 | (3,446,130) | 13,333 | (50) |
| OTHER OPERATING REVENUES | | | | | | |
| 450 Forfeited Discounts | 119,873 | (37,370) | | | | |
| 451 Miscellaneous Service Revenues | 31,546 | (13,049) | | | | |
| 453 Sales of Water & Water Power | | | | | | |
| 454 Rent from Electric Property | | | | | | |
| 455 Interdepartmental Rents | | | | | | |
| 456 Other Electric Revenues | | | | | | |
| 448 Interdepartmental Sales non electric | | | | | | |
| Total Other Operating Revenues | 151,419 | (50,419) | | | | |
| Total Electric Operating Revenues | 30,487,735 | (244,326) | 218,788,305 | (3,446,130) | 13,333 | (50) |
| Includes revenues from application of fuel clauses | | | | | | |
| Total KWH to which applied | | | | | | |

| SALES OF ELECTRICITY TO ULTIMATE CONSUMERS | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------|----------------|--------------------------------------------|------------------------------------------------------|------------|
| Report by account the K.W.H. sold, the amount derived and the number of customers under each filed schedule. or contract. Municipal sales, contract sales and unbilled sales may be reported seperately in total. | | | | | | |
| Account No. | Schedule (a) | K.W.H. (b) | Revenue (c) | Average Revenue Per KWH Cents (0.0000) (d) | Number of Customers (Per Bills Rendered) July 31 (e) | Dec 31 (f) |
| 440. | Residential A 1 | 103,560,057.00 | 16,510,528.00 | 15.94 | 11,686 | 11,726 |
| 440. | Residential A 5 | 2,590,879.00 | 347,626.93 | 13.42 | 333 | 332 |
| 442. | Commercial/Industrial CI 6 | 18,572,482.40 | 3,060,112.86 | 16.48 | 980 | 991 |
| 442. | Commercial/Industrial CI 7 | 78,527,666.00 | 11,549,880.82 | 14.71 | 127 | 128 |
| 444. | Municipal M14 | 677,368.75 | 162,515.67 | 23.99 | 1 | 1 |
| 445. | Municipal M11 | 1,149,169.00 | 182,561.17 | 15.89 | 112 | 110 |
| 445. | Municipal M12 | 9,132,620.00 | 945,832.88 | 10.36 | 18 | 18 |
| 445. | Municipal M13 & M23 | 3,567,400.00 | 488,686.38 | 13.70 | 5 | 5 |
| 449. | Leased Lights | 1,010,662.53 | 159,063.94 | 15.74 | 29 | 32 |
| 491. | Provision for Rate Refunds | | (3,070,493.02) | | | |
| Total Sales to Ultimate Consumers (Page 37 Line 11) | | 218,788,304.68 | 30,336,315.63 | 13.87 | 13,291 | 13,343 |

| ELECTRIC OPERATION AND MAINTENANCE EXPENSES | | |
|--------------------------------------------------------|------------------------|---------------------------------------------------------|
| (a) Account | (b) Amount for Year | (c) Increase or (Decrease) from Preceding Year |
| POWER PRODUCTION EXPENSES | | |
| STEAM POWER GENERATION | | |
| Operation: | | |
| 500 Operation supervision and engineering | | |
| 501 Fuel | | |
| 502 Steam expenses | | |
| 503 Steam from other sources | | |
| 504 Steam transferred - Cr. | | |
| 505 Electric expenses | | |
| 506 Miscellaneous steam power expenses | | |
| 507 Rents | | |
| Total operation | <hr/> <hr/> | <hr/> <hr/> |
| Maintenance: | | |
| 510 Maintenance supervision and engineering | | |
| 511 Maintenance of structures | | |
| 512 Maintenance of boiler plant | | |
| 513 Maintenance of electric plant | | |
| 514 Maintenance of miscellaneous steam plant | | |
| Total maintenance | <hr/> <hr/> | <hr/> <hr/> |
| Total power production expenses - steam power | <hr/> <hr/> | <hr/> <hr/> |
| NUCLEAR POWER GENERATION | | |
| Operation: | | |
| 517 Operation supervision and engineering | | |
| 518 Fuel | | |
| 519 Coolants and water | | |
| 520 Steam expenses | | |
| 521 Steam from other sources | | |
| 522 Steam transferred - Cr. | | |
| 523 Electric expenses | | |
| 524 Miscellaneous nuclear power expenses | | |
| 525 Rents | | |
| Total operation | <hr/> <hr/> | <hr/> <hr/> |
| Maintenance: | | |
| 528 Maintenance supervision and engineering | | |
| 529 Maintenance of structures | | |
| 530 Maintenance of reactor plant equipment | | |
| 531 Maintenance of electric plant | | |
| 532 Maintenance of miscellaneous nuclear plant | | |
| Total maintenance | <hr/> <hr/> | <hr/> <hr/> |
| Total power production expenses - nuclear power | <hr/> <hr/> | <hr/> <hr/> |
| HYDRAULIC POWER GENERATION | | |
| Operation: | | |
| 535 Operation supervision and engineering | | |
| 536 Water for power | | |
| 537 Hydraulic expenses | | |
| 538 Electric expenses | | |
| 539 Miscellaneous hydraulic power generation expenses | | |
| 540 Rents | | |
| Total operation | <hr/> <hr/> | <hr/> <hr/> |

| ELECTRIC OPERATION AND MAINTENANCE EXPENSES | | |
|---------------------------------------------------------------|----------------------|------------------------------------------------|
| (a) Account | (b) Amount for Year | (c) Increase or (Decrease) from Preceding Year |
| HYDRAULIC POWER GENERATION - continued | | |
| Maintenance: | | |
| 541 Maintenance supervision and engineering | | |
| 542 Maintenance of structures | | |
| 543 Maintenance of Reservoirs, dams & waterways | | |
| 544 Maintenance of Electric Plant | | |
| 545 Maintenance of miscellaneous hydraulic plant | | |
| Total maintenance | | |
| Total power production expenses - hydraulic power | | |
| OTHER POWER GENERATION | | |
| Operation: | | |
| 546 Operation supervision and engineering | | |
| 547 Fuel | | |
| 548 Generation Expense | | |
| 549 Miscellaneous other power generation expenses | | |
| 550 Rents | | |
| Total operation | | |
| Maintenance: | | |
| 551 Maintenance supervision and engineering | | |
| 552 Maintenance of structures | | |
| 553 Maintenance of generating & electric plant | | |
| 554 Maintenance of miscellaneous other power generation plant | | |
| Total maintenance | | |
| Total power production expenses - other power | | |
| OTHER POWER SUPPLY EXPENSES | | |
| 555 Purchased Power | 13,160,270.46 | (1,061,097.13) |
| 556 System control & load dispatching | | |
| 557 Other expenses | 452,398.59 | 13,643.02 |
| Total other power supply expenses | 13,612,669.05 | (1,047,454.11) |
| Total power production expenses | 13,612,669.05 | (1,047,454.11) |
| TRANSMISSION EXPENSES | | |
| Operation: | | |
| 560 Operation supervision and engineering | | |
| 561 Load dispatching | | |
| 562 Station expenses | | |
| 563 Overhead line expenses | | |
| 564 Underground line expenses | | |
| 565 Transmission of electricity by others | 4,637,458.20 | 224,985.43 |
| 566 Miscellaneous transmission expenses | | |
| 567 Rents | | |
| Total operation | 4,637,458.20 | 224,985.43 |
| Maintenance: | | |
| 568 Maintenance supervision and engineering | | |
| 569 Maintenance of structures | | |
| 570 Maintenance of station equipment | | |
| 571 Maintenance of overhead lines | | |
| 572 Maintenance of underground lines | | |
| 573 Maintenance of miscellaneous transmission plant | | |
| Total maintenance | | |
| Total transmission expenses | 4,637,458.20 | 224,985.43 |

| ELECTRIC OPERATION AND MAINTENANCE EXPENSES | | |
|-----------------------------------------------------|------------------------|---------------------------------------------------------|
| Account (a) | Amount for Year (b) | Increase or (Decrease) from Preceding Year (c) |
| DISTRIBUTION EXPENSES | | |
| Operation: | | |
| 580 Operation supervision and engineering | 427,634.80 | 6,524.53 |
| 581 Load dispatching | | |
| 582 Station expenses | 143,231.65 | (4,082.59) |
| 583 Overhead line expenses | 137,760.15 | 34,542.88 |
| 584 Underground line expenses | 154,591.68 | 122,646.36 |
| 585 Street lighting & signal system expenses | 40,093.92 | 30,449.46 |
| 586 Meter expenses | 103,429.05 | (7,528.67) |
| 587 Customer installations expenses | 81,221.67 | 18,351.36 |
| 588 Miscellaneous distribution expenses | 271,965.13 | (1,292.95) |
| 589 Rentals | | |
| Total operation | 1,359,928.05 | 199,610.38 |
| Maintenance: | | |
| 590 Maintenance supervision and engineering | | |
| 591 Maintenance of structures | 1,901.61 | (4,088.23) |
| 592 Maintenance of station equipment | 284,279.27 | 213,237.85 |
| 593 Maintenance of overhead lines | 531,443.85 | (57,345.79) |
| 594 Maintenance of underground lines | 25,154.03 | (49,935.83) |
| 595 Maintenance of line transformers | 35,562.82 | (9,453.28) |
| 596 Maintenance of street lighting & signal systems | 25,839.51 | 3,532.03 |
| 597 Maintenance of meters | 1,321.19 | (2,092.56) |
| 598 Maintenance of miscellaneous distribution plant | | |
| Total maintenance | 905,502.28 | 93,854.19 |
| Total distribution expenses | 2,265,430.33 | 293,464.57 |
| CUSTOMER ACCOUNTS EXPENSES | | |
| Operation: | | |
| 901 Supervision | | |
| 902 Meter reading expenses | 39,373.93 | 4,071.06 |
| 903 Customer records & collection expenses | 546,883.26 | (975.87) |
| 904 Uncollectible accounts | 130,000.00 | |
| 905 Miscellaneous customer accounts expenses | | |
| Total customer accounts expenses | 716,257.19 | 3,095.19 |
| SALES EXPENSES | | |
| Operation: | | |
| 908 Customer service expense | 204,448.83 | 38,993.63 |
| 909 Electrical Information & Instruction | 8,643.33 | (871.26) |
| 913 Advertising expense | | |
| 916 Miscellaneous sales expenses | | |
| Total sales expenses | 213,092.16 | 38,122.37 |
| ADMINISTRATIVE & GENERAL EXPENSES | | |
| Operation: | | |
| 920 Administrative & general salaries | 803,385.91 | 22,824.07 |
| 921 Office supplies & expenses | 147,582.54 | (8,199.19) |
| 922 Administrative expenses transferred - Cr. | | |
| 923 Outside services employed | 259,390.92 | 3,391.77 |
| 924 Property insurance | 16,666.00 | (714.00) |
| 925 Injuries & Damages | 129,141.14 | 10,757.88 |
| 926 Employee pension & benefits | 1,564,640.09 | 58,525.11 |
| 927 Franchise Requirements | 15,046.08 | (394.23) |
| 928 Regulatory commission expenses | | |
| 929 Duplicate charges - Cr. | | |
| 930 Miscellaneous general expenses | 54,979.21 | (12,845.60) |
| 931 Rent Expense | 12,460.14 | (145.14) |
| Total operations | 3,003,292.03 | 73,200.67 |

| ELECTRIC OPERATION AND MAINTENANCE EXPENSES | | |
|------------------------------------------------------------|------------------------|---------------------------------------------------------|
| Account (a) | Amount for Year (b) | Increase or (Decrease) from Preceding Year (c) |
| ADMINISTRATIVE & GENERAL EXPENSES - continued | | |
| Maintenance: | | |
| 933 Transportation Expenses | 132,641.02 | 22,400.14 |
| 935 Maintenance of general plant | 429,806.61 | (13,430.67) |
| Total maintenance | <u>562,447.63</u> | <u>8,969.47</u> |
| Total administrative & general expenses | <u>3,565,739.66</u> | <u>82,170.14</u> |
| Total Electric Operation & Maintenance Expenses | <u>25,010,646.59</u> | <u>(405,616.41)</u> |

| SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES | | |
|-------------------------------------------------------------|----------------------|---------------------|
| Functional Classification (a) | Operation (b) | Maintenance (c) |
| Power Production Expenses | | |
| Electric Generation: | | |
| Steam Power | | |
| Nuclear Power | | |
| Hydraulic Power | | |
| Other Power | | |
| Other Power Supply Expenses | 13,612,669.05 | |
| Total Power Production Expenses | <u>13,612,669.05</u> | |
| Transmission Expenses | 4,637,458.20 | |
| Distribution Expenses | 1,359,928.05 | 905,502.28 |
| Customer Accounts Expenses | 716,257.19 | |
| Sales Expenses | 213,092.16 | |
| Administrative & General Expenses | 3,003,292.03 | 562,447.63 |
| Total Electric Operations & Maintenance Expenses | <u>23,542,696.68</u> | <u>1,467,949.91</u> |

Ratio of operating expenses to operating revenues (carry out decimal two places, e.g.: 0.00%). Compute by dividing revenues (acct 400) into the sum of Operation & Maintenance Expenses (page 42, line 22 (d), depreciation (acct 403) and amortization (acct. 407).

89.32

Total Salaries & Wages of Electric Department for year, including amounts charged to Operating expenses, construction, & other accounts.

\$3,430,161.21

Total number of employees of Electric Department at end of year including administrative, operating, construction and other employees (including part time employees).

35.00

The North Attleborough Electric Department

| OTHER UTILITY OPERATING INCOME (Account 414) | | | | | |
|---------------------------------------------------------|-----------------------|--------------------------|-----------------------|----------------------------------|-----------------------------------|
| Report below the particulars called for in each column. | | | | | |
| Line No. | Property (a) | Amount of Investment (b) | Amount of Revenue (c) | Amount of Operating Expenses (d) | Gain or (Loss) from Operation (e) |
| 1 | | | | | |
| 2 | Pole Attachement fees | | \$ 30,576.94 | 0 | \$ 30,576.94 |
| 3 | Scrap Sales | | \$ 34,067.84 | 0 | \$ 34,067.84 |
| 4 | | | | | |
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| 49 | | | | | |
| 50 | | | | | |
| 51 | Totals | \$0 | \$64,645 | \$0 | \$64,645 |

The North Attleborough Electric Department

INCOME FROM MERCHANDISING, JOBBING, AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses, and not income from merchandising, jobbing, & contract work during year.

| Line No. | Item (a) | Electric Department (b) | Gas Department (c) | Other Utility Department (d) | Total (e) |
|----------|-----------------------------------------------------------|-------------------------|--------------------|------------------------------|------------------|
| 1 | Revenues: | | | | |
| 2 | Merchandise sales, less discounts, allowances and returns | | | | \$0 |
| 3 | | | | | \$0 |
| 4 | Contract work | \$ 77,183.95 | | | \$77,184 |
| 5 | Commissions | | | | \$0 |
| 6 | Other (list according to major classes) | | | | \$0 |
| 7 | Property Damage | \$ 83,642.27 | | | \$83,642 |
| 8 | Grant Reimbursement | \$ 12,500.00 | | | \$12,500 |
| 9 | National Grid Switching | \$85,823 | | | \$85,823 |
| 10 | Total Revenues | \$259,149 | \$0 | \$0 | \$259,149 |
| 11 | | | | | |
| 12 | | | | | |
| 13 | Costs and Expenses: | | | | |
| 14 | Cost of sales (list according to major classes of cost) | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | Purchases | | | | \$0 |
| 18 | | | | | |
| 19 | Hot Water Tank Rental Expenses | \$ - | | | \$0 |
| 20 | | | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | | | | | |
| 24 | | | | | |
| 25 | | | | | |
| 26 | Sales expenses: | \$0 | | | \$0 |
| 27 | Customer accounts expenses: | | | | |
| 28 | Administrative and general expenses: | | | | |
| 29 | | | | | |
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| 47 | | | | | |
| 48 | | | | | |
| 49 | | | | | |
| 50 | Total Costs & Expenses | \$0 | | | \$0 |
| 51 | Net Profit (or Loss) | \$259,149 | \$0 | \$0 | \$259,149 |

The North Attleborough Electric Department

**PURCHASED POWER (Account 555)
(except interchange power)**

1. Report power purchased for resale during the year. Exclude from this schedule & report on page 58 particulars concerning interchange power transactions during the year.
 2. Provide subheadings & classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Non-utilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "X" in column (c) if purchases involves import across a state line.
 3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).
 4. If receipt of power is at a substation indicate ownership in column (e), thus 6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
 5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings & should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
 6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
 7. Explain any amount entered in column (n) such as fuel or other adjustments.

| PURCHASED FROM (A) | STAT CLASS (B) | IMPORT ACROSS STATE LINES (C) | POINT OF RECEIPT (D) | SUB-STATION (E) | KW OR KVA OF DEMAND (SPECIFY WHICH) | | | TYPE OF DEMAND READING (I) | VOLTAGE AT WHICH (J) | KILOWATT HOURS (K) | COST OF ENERGY (OMIT CENTS) | | | | COST PER KWH (CENTS) (0.0000) (P) | |
|-----------------------------------|-------------------|----------------------------------|-------------------------|--------------------|----------------------------------------|------------------------------------|---------------------------|-------------------------------|-------------------------|-----------------------|-----------------------------|-----------------------|--------------------|---------------------|-----------------------------------------|----------|
| | | | | | CONTRACT DEMAND (F) | AVERAGE MONTHLY MAX. DEMAND (G) | ANNUAL MAX. DEMAND (H) | | | | CAPACITY CHARGES (L) | ENERGY CHARGES (M) | OTHER (N) ** | TOTAL (O) | | |
| Nonassociated Utilities | | | | | | | | | | | | | | | | |
| MMWEC | | | No. Attleborough | | | | | | | | | | | \$374 | \$374 | \$0.0000 |
| ENERGY NEW ENGLAND | | | No. Attleborough | | | | | | | | | | | \$118,110 | \$118,110 | \$0.0000 |
| ENERGY MGMT-CONSULTING SERVICE | | | | | | | | | | | | | | \$45,313 | \$45,313 | \$0.0000 |
| LEGAL-PULMAN & KLINE | | | | | | | | | | | | | | \$7,450 | \$7,450 | \$0.0000 |
| NATIONAL GRID-HYDRO QUEBEC 2 | 0 | X | No. Attleborough | | | | | 60 | 115 | | | | | \$0 | \$0 | \$0.0000 |
| NATIONAL GRID-REMVEC II | 0 | | No. Attleborough | | | | | 60 | 115 | | | | | \$3,229 | \$3,229 | \$0.0000 |
| NATIONAL GRID-NETWORK TRANSMIS | 0 | | No. Attleborough | | | | | 60 | 115 | | | | | (\$99,916) | (\$99,916) | \$0.0000 |
| NATIONAL GRID-FACILITIES CHARGE | 0 | | No. Attleborough | | | | | 60 | 115 | | | | | \$34,575 | \$34,575 | \$0.0000 |
| NATIONAL GRID | 0 | | No. Attleborough | | | 0 | | 60 | 115 | | | | | \$10,532 | \$10,532 | \$0.0000 |
| Other Public Authorities | | | | | | | | | | | | | | | | |
| FLUSH OF FUNDS | 0 | | No. Attleborough | | | | | | | | | | | \$ (839,471) | (\$839,471) | \$0.0000 |
| PASNY | FP | X | No. Attleborough | | | 1,771 | | 60 | | 13,134,818 | \$89,809 | \$64,623 | \$157,041 | \$311,473 | \$0.0237 | |
| ENE - MILLER HYDRO | | | No. Attleborough | | | | | 60 | 115 | 6,539,263 | | \$309,692 | | \$309,692 | \$0.0474 | |
| ENE - SPRUCE MOUNTAIN | | | No. Attleborough | | | | | | | 7,320,123 | | \$812,638 | \$3,416 | \$616,054 | \$0.0842 | |
| MMWEC - STONYBROOK (PEAKER) | 0 | | No. Attleborough | | | 10,170 | | 60 | 115 | 195,050 | \$191,632 | \$46,628 | \$30,248 | \$268,508 | \$1.3766 | |
| MMWEC - STONYBROOK CO(INTER) | 0 | | No. Attleborough | | | 11,071 | | 60 | 115 | 3,090,907 | \$416,402 | \$167,767 | \$8,402 | \$592,571 | \$0.1917 | |
| MMWEC - MIX 1 - SEABROOK | 0 | X | No. Attleborough | | | 74 | | 60 | 115 | 676,308 | \$18,647 | \$4,079 | \$44 | \$22,770 | \$0.0337 | |
| MMWEC - MIX 1 - MILLSTONE 3 | 0 | X | No. Attleborough | | | 758 | | 60 | 115 | 6,478,751 | \$229,029 | \$43,328 | \$5,073 | \$277,430 | \$0.0428 | |
| MMWEC - PROJ. 3 - MILLSTONE 3 | 0 | X | No. Attleborough | | | 1,239 | | 60 | 115 | 10,469,399 | \$452,850 | \$70,058 | \$8,198 | \$531,106 | \$0.0507 | |
| MMWEC - PROJ. 4, 5 & 6 (SEABROOK) | 0 | X | No. Attleborough | | | 4,269 | | 60 | 115 | 37,093,099 | \$1,596,001 | \$224,283 | \$2,408 | \$1,822,692 | \$0.0491 | |
| MMWEC - WYMAN | 0 | X | No. Attleborough | | | 1,032 | | 60 | 115 | 153,307 | \$29,456 | \$13,828 | \$1,072 | \$44,356 | \$0.2893 | |
| TAUNTON MUNICIPAL - CLEARY 9 | 0 | | No. Attleborough | | | 10,000 | | 60 | 115 | 5,069,930 | \$998,641 | \$264,181 | | \$1,252,822 | \$0.2471 | |
| TOWN OF BRAINTREE - POTTER 2 | 0 | | No. Attleborough | | | 4,922 | | 60 | 115 | 292,686.00 | \$280,449 | \$15,443 | | \$295,892 | \$1.1710 | |
| MMWEC-SERVICE BILLINGS | | | | | | | | | | | | | | \$0 | \$0 | \$0.0000 |
| MMWEC - HYDRO QUEBEC | 0 | X | No. Attleborough | | | | | 60 | 115 | | | | | \$75,488 | \$75,488 | \$0.0000 |
| MMWEC - HYDRO QUEBEC USE RIGHT | 0 | | No. Attleborough | | | | | | | | | | | (\$44,834) | (\$44,834) | \$0.0000 |
| ENE - RISE | | | | | | | | | | 29,200,000 | \$150,600 | \$1,469,272 | | \$1,619,872 | \$0.0555 | |
| NORTHEAST UTILITY SYSTEM | | | | | | | | | | | | | \$5,190 | \$5,190 | \$0.0000 | |
| SADDLEBACK RIDGE | | | | | | | | | | 6,611,371 | | \$509,905 | | \$509,905 | \$0.0771 | |
| CANTON MOUNTAIN | | | | | | | | | | 871,093 | | \$82,052 | | \$82,052 | \$0.0942 | |
| ISO OATT | | | No. Attleborough | | | | | 60 | 115 | | | | \$4,460,200 | \$4,460,200 | N/A | |
| Totals | | | | | | | | | | 127,156,095 | \$3,614,045 | \$3,887,777 | \$4,831,613 | \$12,333,435 | 0.096994 | |

** Includes transmission and administrative charges.

The North Attleborough Electric Department

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt hours received and delivered during the year and the net charge or credit under interchange power agreements.
 2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).
 3. Particulars of settlements for interchange power shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit

or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling, coordination, or other such arrangement, submit a copy of the annual summary of transactions & billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits & credits and state the amounts and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange

| Line No. | Name of Company (a) | Interchange Across State Lines (b) | Point of Interchange (c) | Voltage at Which Interchanged (d) | Kilowatt Hours | | | Amount of Settlement (h) |
|----------|------------------------|---------------------------------------|-----------------------------|--------------------------------------|-----------------|------------------|-----------------------|-----------------------------|
| | | | | | Received (e) | Delivered (f) | Net Difference (g) | |
| 1 | ISO NE | | North | 115KV | 227,827,600 | 127,197,288 | 100,630,312 | 5,916,692.00 |
| 2 | | | Attleborough | | | | | 0 |
| 3 | | | | | | | | 0 |
| 4 | | | | | | | | 0 |
| 5 | | | | | | | | 0 |
| 6 | | | | | | | | 0 |
| 7 | | | | | | | | 0 |
| 8 | | | | | | | | 0 |
| 9 | | | | | | | | 0 |
| 10 | | | | | | | | 0 |
| 11 | | | | | | | | 0 |
| 12 | TOTALS | | | | 227,827,600 | 127,197,288 | 100,630,312 | \$5,916,692.00 |

B. Details of Settlement for Interchange Power

| Line No. | Name of Company (i) | Explanation (j) | Amount (k) |
|----------|------------------------|-------------------------------------------------|---------------|
| 13 | ISO NE | NET INTERCHANGE EXPENSE | 3,814,071 |
| 14 | | NEPOOL EXPENSE | 268,777 |
| 15 | | OTHER SETTLEMENTS & ANCILLARY SERVICES/EXPENSES | 1,833,844 |
| 16 | | | 0.00 |
| 17 | | | 0.00 |
| 18 | | | 0.00 |
| 19 | | | 0.00 |
| 20 | | | 0.00 |
| 21 | TOTALS | | 5,916,692.00 |

The North Attleborough Electric Department

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric generated, purchased, and interchanged during the year.

| Line No. | Item (a) | | Kilowatt-hours (b) |
|----------|-----------------------------------------------------------------|----------------------------|--------------------|
| 1 | SOURCES OF ENERGY | | |
| 2 | Generation (excluding station use): | | |
| 3 | Steam | Gas Turbine Combined Cycle | 0 |
| 4 | Nuclear | | |
| 5 | Hydro | | |
| 6 | Other | Diesel | |
| 7 | Total generation | | 0 |
| 8 | Purchases | | 127,156,095 |
| 9 | | { In (gross) | 227,827,600 |
| 10 | Interchanges | { Out (gross) | 127,197,288 |
| 11 | | { Net (Kwh) | 100,630,312 |
| 12 | | { Received | |
| 13 | Transmission for/by others (V | { Delivered | |
| 14 | | { Net (kwh) | |
| 15 | TOTAL | | 227,786,407 |
| 16 | DISPOSITION OF ENERGY | | |
| 17 | Sales to ultimate consumers (including interdepartmental sales) | | 218,788,305 |
| 18 | Sales for resale | | |
| 19 | Energy furnished without charge | | |
| 20 | Energy used by the company (excluding station use) | | |
| 21 | Electric department only | | |
| 22 | Energy losses: | | |
| 23 | Transmission and conversion losses | 41,193 | |
| 24 | Distribution losses | 8,956,909 | |
| 25 | Unaccounted for losses | | |
| 26 | Total energy losses | | 8,998,102 |
| 27 | Energy losses as percent of total on line 15 | 3.95% | |
| 28 | TOTAL | | 227,786,407 |

MONTHLY PEAKS AND OUTPUT

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.</p> <p>2. Monthly peak col. (b) should be respondent's maximum Kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.</p> | <p>3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.)</p> <p>4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.</p> <p>5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Monthly Peak

| Line No. | Monthly Peak | | | | | | Monthly Output (kwh) | |
|----------|--------------|---------------|-----------------|------------------|------------|---------------------|----------------------|--------------------|
| | Month (a) | Kilowatts (b) | Day of Week (c) | Day of Month (d) | Hour (e) | Type of Reading (f) | See Instr. 4) (g) | |
| 29 | January | 42,032 | Monday | 9 | 7:00:00 PM | 60 min | 20,542,240 | |
| 30 | February | 38,400 | Monday | 13 | 7:00:00 PM | 60 min | 17,915,344 | |
| 31 | March | 36,368 | Wednesday | 15 | 8:00:00 PM | 60 min | 19,886,816 | |
| 32 | April | 31,904 | Tuesday | 4 | 8:00:00 PM | 60 min | 16,173,440 | |
| 33 | May | 44,320 | Thursday | 18 | 5:00:00 PM | 60 min | 16,947,104 | |
| 34 | June | 52,704 | Tuesday | 13 | 5:00:00 PM | 60 min | 19,523,632 | |
| 35 | July | 50,368 | Thursday | 20 | 5:00:00 PM | 60 min | 21,465,488 | |
| 36 | August | 47,200 | Tuesday | 22 | 5:00:00 PM | 60 min | 20,814,592 | |
| 37 | September | 42,608 | Wednesday | 27 | 5:00:00 PM | 60 min | 18,179,936 | |
| 38 | October | 34,624 | Monday | 9 | 7:00:00 PM | 60 min | 16,732,864 | |
| 39 | November | 35,568 | Tuesday | 28 | 7:00:00 PM | 60 min | 17,752,016 | |
| 40 | December | 44,512 | Thursday | 28 | 7:00:00 PM | 60 min | 21,894,128 | |
| 41 | TOTAL | | | | | | | 227,827,600 |

The North Attleborough Electric Department

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with capacities of less than 5000 KVA, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (j), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole

ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

| Line No. | Name & Location of Substation (a) | Character of Substation (b) | Voltage | | | Capacity of Substation in KVA (in service) (f) | Number of Transformers (in service) (g) | Number of Spare Transformers (h) | Conversion Apparatus & Special Equipment | | |
|----------|--------------------------------------|--------------------------------|----------------|------------------|-----------------|---------------------------------------------------|--------------------------------------------|-------------------------------------|------------------------------------------|------------------------|-----------------------|
| | | | Primary (c) | Secondary (d) | Tertiary (e) | | | | Type of Equipment (i) | Number of Units (j) | Total Capacity (k) |
| 1 | Sherman Substation | Distribution | 115 KV | 13.8 KV | | 56000 | 1 | 0 | None | | |
| 2 | | | 115 KV | 13.8 KV | | 50000 | 1 | 0 | None | | |
| 3 | | | | | | | | | | | |
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| 31 | | | | | | | | | | | |
| 32 | TOTALS | | | | | 106000 | 2 | 0 | | | |

The North Attleborough Electric Department

| OVERHEAD DISTRIBUTION LINES OPERATED | | | | | |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------|----------------------|
| Line No. | | Length (Pole Miles) | | | |
| | | Wood Poles | Steel Towers | Total | |
| 1 | Miles - Beginning of Year | 150.30 | | 150.30 | |
| 2 | Added During Year | 0.00 | | 0.00 | |
| 3 | Retired During Year | 0.00 | | 0.00 | |
| 4 | Miles - End of Year | 150.30 | 0.00 | 150.30 | |
| 5 | Distribution System Characteristics - A.C. or D.C., phase, cycles & operating voltages for Light & Power. Lights - A.C., 1/0, 60 HZ, 8000 or 2400 to 120/240 volts. Power - A.C., 3/0, 60 HZ, 13800 or 4160 to 480/277, 240, 208 volts. | | | | |
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| 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 | 8,488 | 13,938 | 2,283 | 159,589.0 |
| 17 | Additions during year: | | | | |
| 18 | Purchased | 87 | 276 | 6 | 1850 |
| 19 | Adjustment | | (3) | (3) | 665.0 |
| 20 | Associated with utility plant acquired | | | | |
| 21 | Total additions | 87 | 273 | 3 | 2,515 |
| 22 | Reductions during year: | | | | |
| 23 | Retirements | | 203 | | |
| 24 | Associated with utility plant sold | | 0 | | |
| 25 | Total reductions | 0 | 203 | 0 | |
| 26 | Number at End of Year | 8,575 | 14,008 | 2,286 | 162,104.0 |
| 27 | In stock | | 597 | 317 | 24,020.0 |
| 28 | Locked meters on customers' premises | | 106 | | |
| 29 | Inactive transformers on system | | | | |
| 30 | In customers' use | | 13,263 | 1,966 | 137,559 |
| 31 | In company's use | | 42 | 3 | 525.0 |
| 32 | Number at End of Year | | 14,008 | 2,286 | 162,104.0 |

0 0 0.0

The North Attleborough Electric Department

| CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System) | | | | | | |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|-------------------|-----------------------|-----------------|-----------------------|
| Report below the information called for concerning conduit, underground cable, and submarine cable at end of year. | | | | | | |
| Line No. | Designation of Underground Distribution System (a) | Miles of Conduit Bank (All Sizes & Types) (b) | Underground Cable | | Submarine Cable | |
| | | | Miles * (c) | Operating Voltage (d) | Feet * (e) | Operating Voltage (f) |
| 1 | New Circuit E 11 Construction | | 2.55 | 13.8 | | |
| 2 | | | | | | |
| 3 | E 3 Circuit Conversion | | 0.36 | 13.8 | | |
| 4 | | | | | | |
| 5 | I-295 Crossing 5 Streets | .47 | 0.474 | 13.8 | | |
| 6 | Landry Ave. | | | | | |
| 7 | (Substation to riser poles 8-Way Duct, | | | | | |
| 8 | 2-Banks) | 1.44 | 16 | 13.8 | | |
| 9 | | | | | | |
| 10 | Rt. 1 (295 to Town Line) | 2.22 | 3.626 | 13.8 | | |
| 11 | | | | | | |
| 12 | Allen Ave. | 1 | 2 | 13.8 | | |
| 13 | | | | | | |
| 14 | Misc. Duct Banks | 12.5 | 24 | 13.8 | | |
| 15 | | | | | | |
| 16 | Snowmass | 0.2053 | 0.2053 | 13.8 | | |
| 17 | | | | | | |
| 18 | Riordan Way | 0.1038 | 0.1038 | 13.8 | | |
| 19 | | | | | | |
| 20 | Circle Cout Project | 0.0265 | 0.0265 | 13.8 | | |
| 21 | | | | | | |
| 22 | Polymert Project | 0.0324 | 0.0324 | 13.8 | | |
| 23 | | | | | | |
| 24 | Whittings Pond | | 0.0778 | 13.8 | | |
| 25 | Delphis Monast | | 1.7040 | 13.8 | | |
| 26 | Chickadee | | 0.4349 | 13.8 | | |
| 27 | Red Oak Extension | | 0.0460 | 13.8 | | |
| 28 | Westwood Jeffrey Dr | | 0.1744 | 13.8 | | |
| 29 | Park Street | | 0.0621 | 13.8 | | |
| 30 | Chauncy Village | | 0.3098 | 13.8 | | |
| 31 | Poles & Anchors | | 0.1644 | 13.8 | | |
| 32 | S.Washington | | 0.1523 | 13.8 | | |
| 33 | Cushman Estates | | 0.2623 | 13.8 | | |
| 34 | Bare Wire Single | | 0.3348 | 13.8 | | |
| 35 | Porcelaine Three | | 0.1034 | 13.8 | | |
| 36 | 14-E-10/Load Reduction | 0.0682 | 0.6216 | 13.8 | | |
| 37 | 14-E-10/Load Reduction | | 1.3056 | 13.8 | | |
| 38 | Reed Ave | | 0.0670 | 13.8 | | |
| 39 | Christina Estates | | 1.0000 | 13.8 | | |
| 40 | Santoro Drive | | 0.2500 | 13.8 | | |
| 41 | MA DOT | | 0.3250 | 13.8 | | |
| 42 | Mt Hope Estates | | 0.4727 | 13.8 | | |
| 43 | Benchmark | | 0.1636 | 13.8 | | |
| 44 | Walsh Chryler | | 0.2955 | 13.8 | | |
| 45 | Jewel Crossing | | 0.2523 | 13.8 | | |
| 46 | Greenwich St/Oakhurst | | 0.0367 | 13.8 | | |
| 47 | | | | | | |
| 48 | | | | | | |
| 49 | | | | | | |
| 50 | TOTALS | 17.5962 | 57.9943 | | | |

*Indicate number of conductors per cable.

The North Attleborough Electric Department

| STREET LAMPS CONNECTED TO SYSTEM | | | | | | | | | | |
|----------------------------------|--------------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| Line No. | City or Town (a) | Total (b) | Type | | | | | | | |
| | | | Incandescent | | Mercury Vapor | | Fluorescent | | Sodium | |
| | | | Municipal (c) | Other (d) | Municipal (e) | Other (f) | Municipal (g) | Other (h) | Municipal (i) | Other (j) |
| 1 | North Attleborough | 1961 | | | | | | | | 1961 |
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| 50 | | | | | | | | | | |
| 51 | | | | | | | | | | |
| 52 | TOTALS | 1961 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1961 |

The North Attleborough Electric Department

RATE SCHEDULE INFORMATION

1. Attach copies of all Field Rates for General Consumers.
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenue predicted on the previous year's operations.

| Date Effective | M.D.P.U. Number | Rate Schedule | Estimated Effect on Annual Revenues | |
|----------------|-----------------|---------------|-------------------------------------|-----------|
| | | | Increases | Decreases |
| 10/1/2015 | | See Attached | | |

The North Attleborough Electric Department

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

_____ Mayor,

_____ Manager of Electric Light

| |
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| |

Selectmen
or
Members
of the
Municipal
Light
Board

**SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH
OF MASSACHUSETTS MUST BE PROPERLY SWORN TO**

Then personally appeared _____

and severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and belief.

Notary Public or
Justice of the Peace.