



# The Commonwealth of Massachusetts

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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,

**2018**

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

Form AC-18

No. Attleborough, MA 02760-3501

5-29-19

**Annual Report of: The North Attleborough Electric Department Year Ended December 31, 2018**

**GENERAL INFORMATION**

1. Name of town (or city) making report:  
**North Attleborough, Massachusetts**
  
2. If the town (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:  
**Peter Schiffman  
 275 Landry Avenue  
 North Attleboro, MA 02760**
  
4. Name and address of mayor or selectmen:  
**Justin Pare, 485 Hopplin Hill, North Attleboro, MA 02760  
 Michael Lennox, 55 Hoyle Drive North Attleboro, MA 02760  
 Patrick Reynolds, 14 Stoneshill Road, North Attleboro, MA 02760  
 Keith LaPointe, 28 John J Grimaldi North Attleboro, MA 02760  
 Patrick Sullivan, 383 Ellis Rd, North Attleboro, MA 02760**
  
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: \$3,968,994,290.00
  
9. Tax rate for all purposes during the year:
 

	Residential:	\$14.24
	Commercial:	\$17.48
  
10. Amount of manager's salary: \$176,522.45
  
11. Amount of manager's bond: \$300,000.00
  
12. Amount of salary paid to members of municipal light board (each):
 

	Chairman:	\$0.00
	Member:	\$0.00
	Member:	\$0.00

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**FOR GAS PLANTS ONLY:**

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**Annual Report of: The North Attleborough Electric Department Year Ended December 31, 2018**

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
<b>INCOME FROM PRIVATE CONSUMERS</b>			
From sales of gas			
From sales of electricity			\$33,875,389.35
From rate stabilization fund			
<b>TOTAL</b>			<u>\$33,875,389.35</u>
<b>EXPENSES:</b>			
For Operation, maintenance and repairs			\$31,561,280.60
For interest on bonds, notes or scrip			\$13,275.00
For depreciation fund			\$1,758,182.04
For depreciation fund			
For sinking fund requirements			
For note payments			
For bond payments			\$60,000.00
For loss in preceding year			
<b>TOTAL</b>			<u>\$33,392,737.64</u>
<b>COST:</b>			
Of gas to be used for municipal buildings			
Of gas to be used for street lights			
Of electricity to be used for municipal buildings			\$1,956,811.00
Of electricity to be used for street lights			\$113,720.24
Total of above items to be included in the tax levy			<u>\$2,070,531.24</u>
New construction to be included in the tax levy			
Total amount to be included in the tax levy:			<u>\$2,070,531.24</u>
<b>CUSTOMERS</b>			
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	13,440.00
<b>Total</b>			

**Annual Report of: The North Attleborough Electric Department Year Ended December 31, 2018**

APPRPRIATIONS SINCE BEGINNING OF YEAR (Include also all items charge direct to tax levy, even where no appropriation is made or required)		Amount
<b>FOR CONSTRUCTION OR PURCHASE OF PLANT:</b>		
*At meeting , to be paid from		
*At meeting , to be paid from		
Total		
<b>FOR THE ESTIMATED COST OF GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:</b>		
1. Street Lights		\$113,720.24
2. Municipal Buildings		\$1,956,811.00
3.		
Total		\$2,070,531.24
<b>*Date of meeting and whether regular or special. Here insert bonds, notes or tax levy.</b>		
<b>CHANGES IN PROPERTY</b>		
<p>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.</p> <p>In electric property</p> <p>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                      Upgrade of Substation Switchgear and transformers</p>		

## The North Attleborough Electric Department

<b>BONDS</b> (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					
May 19, 2003 R	Aug 15, 2003	\$1,200,000	\$60,000	Annually	3.00 - 5.0%	Semi-Annually	\$300,000
	<b>Total</b>	<b>\$11,660,000</b>				<b>Total</b>	<b>\$300,000</b>

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
	<b>Total</b>	<b>\$557,900</b>				<b>Total</b>	<b>\$0</b>
<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
<b>1. INTANGIBLE PLANT</b>						
303 Miscellaneous Intangible Plant						
<b>Total Intangible Plant</b>						
<b>2. PRODUCTION PLANT</b>						
<b>A. Steam Plant Production</b>						
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						
<b>Total Steam Production Plant</b>						
<b>B. Nuclear Production Plant</b>						
320 Land & Land Rights						
321 Structures & Improvements						
322 Reactor Plant Equipment						
323 Turbogenerator Units						
324 Accessory Electric Equipment						
325 Misc. Power Plant Equipment						
<b>Total Nuclear Production Plant</b>						
<b>C. Hydraulic Production Plant</b>						
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						
<b>Total Hydraulic Production Plant</b>						
<b>D. Other Production Plant</b>						
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						
<b>Total Other Production Plant</b>						
<b>3. TRANSMISSION PLANT</b>						
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						
<b>Total Transmission Plant</b>						

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
<b>4. DISTRIBUTION PLANT</b>						
360 Land & Land Rights	99,623.22					99,623.22
361 Structures & Improvements	1,650,106.40	55,919.55				1,706,025.95
362 Station Equipment	6,484,466.31	5,134,585.90	(428,328.22)			11,190,723.99
363 Storage Battery Equipment						
364 Poles, Towers & Fixtures	5,077,919.33	114,334.61	(59,861.65)			5,132,392.29
365 Overhead Conductors & Devices	5,967,182.58	191,194.70	(44,682.62)			6,113,694.66
366 Underground Conduit	3,938,988.20	1,911.91				3,940,900.11
367 Underground Conduit & Devices	2,942,589.25	106,211.51	(1,091.51)			3,047,709.25
368 Line Transformers	3,914,989.00	21,246.98				3,936,235.98
369 Services	1,326,554.01	14,007.46	(11,150.32)			1,329,411.15
370 Meters	1,667,602.35	2,468.43	(9,151.13)			1,660,919.65
371 Installations on Customer's Premises	281,115.46	19,574.80				300,690.26
372 Leased Property on Customer's Premises	221,815.88	68,103.05	(77,214.86)			212,704.07
373 Street Lighting & Signal Systems	259,293.12	100,415.31	(73,022.16)			286,686.27
<b>Total Distribution Plant</b>	<b>33,832,245.11</b>	<b>5,829,974.21</b>	<b>(704,502.47)</b>			<b>38,957,716.85</b>
<b>5. GENERAL PLANT</b>						
389 Land & Land Rights						4,519,753.61
390 Structures & Improvements	4,498,717.17	21,036.44				2,143,885.73
391 Office Furniture & Equipment	2,054,939.96	88,945.77				1,927,656.28
392 Transportation Equipment	1,890,443.83	37,212.45				
393 Stores Equipment						118,899.98
394 Tools, Shop & Garage Equipment	71,036.87	47,863.11				152,798.57
395 Laboratory Equipment	152,798.57					85,480.00
396 Power Operated Equipment	83,295.00	2,185.00				1,768,823.24
397 Communication Equipment	1,727,882.09	40,941.15				397,984.19
398 Miscellaneous Equipment	392,805.54	5,178.65				
399 Other Tangible Property						
<b>Total General Plant</b>	<b>10,871,919.03</b>	<b>243,362.57</b>				<b>11,115,281.60</b>
<b>Total Electric Plant In Service</b>	<b>44,704,164.14</b>	<b>6,073,336.78</b>	<b>(704,502.47)</b>			<b>50,072,998.45</b>
<b>Less Cost of Land, Land Rights, Right of Way</b>						<b>99,623.22</b>
<b>Total Cost upon which Depreciation is based</b>						<b>49,973,375.23</b>

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.

**COMPARATIVE BALANCE SHEET Assets and Liabilities**

Title of Account	Balance Beginning of Year	Balance End of Year	Increase or Decrease
<b>UTILITY PLANT</b>			
101 Utility Plant - Electric (P.17)	\$10,965,481.64	\$14,808,591.60	\$3,843,109.96
101 Non Utility Plant - Net			
107 Construction Work in Progress	2,828,978.38	49,742.50	(2,779,235.88)
123 Investment in Associated Companies			
<b>Total Utility Plant</b>	<u>13,794,460.02</u>	<u>14,858,334.10</u>	<u>1,063,874.08</u>
<b>FUND ACCOUNTS</b>			
125 Sinking Funds			
126 Depreciation Fund (P.14)	32,389,693.15	32,026,931.17	(362,761.98)
128 Other Special Funds	1,815,069.62	1,851,172.51	36,102.89
<b>Total Funds</b>	<u>34,204,762.77</u>	<u>33,878,103.68</u>	<u>(326,659.09)</u>
<b>CURRENT AND ACCRUED ASSETS</b>			
131 Cash (P.14)	12,884,070.28	11,313,631.13	(1,570,439.15)
132 Special Deposits	843,373.08	949,933.66	106,560.58
135 Working Funds	1,700.00	1,700.00	
141 Notes Receivable			
142 Customer Accounts Receivable	2,206,384.80	2,330,368.66	123,983.86
143 Other Accounts Receivable	275,317.15	733,486.16	458,169.01
146 Receivables from Municipality			
154 Materials and Supplies	892,428.33	896,906.46	4,478.13
Less Obsolete Inventory			
165 Prepayments	2,659,559.18	2,828,700.86	169,141.68
174 Miscellaneous Current Assets	2,441,920.38		(2,441,920.38)
<b>Total Current and Accrued Assets</b>	<u>22,204,753.20</u>	<u>19,054,726.93</u>	<u>(3,150,026.27)</u>
<b>DEFERRED DEBITS</b>			
181 Unamortized Debt Discount	4,000.76		(4,000.76)
182 Extraordinary Property Losses			
183 Preliminary Survey & Investigation Charges			
185 Other Deferred Debits			
186 Deferred Outflows of Resources	1,407,885.00	1,282,666.00	(125,219.00)
<b>Total Deferred Debits</b>	<u>1,411,885.76</u>	<u>1,282,666.00</u>	<u>(129,219.76)</u>
<b>Total Assets and Other Debits</b>	<u>71,615,861.75</u>	<u>69,073,830.71</u>	<u>(2,542,031.04)</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	<b>APPROPRIATIONS</b>			
2	201 Appropriations for Construction			\$0
3	<b>SURPLUS</b>			
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)	\$4,502,666	\$11,319,552	\$6,816,887
8	215 Restricted Surplus	\$48,094,904	\$ 40,417,595.03	(\$7,677,309)
9	<b>Total Surplus</b>	<b>\$52,597,569</b>	<b>\$51,737,147</b>	<b>(\$860,422)</b>
10	<b>LONG TERM DEBT</b>			
11	221 Bonds (P.6)	\$360,000	\$300,000	(\$60,000)
12	231 Notes Payable (P.7)			\$0
13	<b>Total Bonds and Notes</b>	<b>\$360,000</b>	<b>\$300,000</b>	<b>(\$60,000)</b>
14	<b>CURRENT AND ACCRUED LIABILITIES</b>			
15	232 Accounts Payable	\$3,302,412	\$2,677,461	(\$624,951)
16	234 Payables to Municipality			\$0
17	235 Customer' Deposits	\$827,845	\$939,996	\$112,151
18	236 Taxes Accrued			\$0
19	237 Interest Accrued	\$6,694	\$5,569	(\$1,125)
20	242 Miscellaneous Current and Accrued Liabilities	\$384,171	\$324,848	(\$59,323)
21	<b>Total Current and Accrued Liabilities</b>	<b>\$4,521,122</b>	<b>\$3,947,874</b>	<b>(\$573,248)</b>
22	<b>DEFERRED CREDITS</b>			
23	250 Deferred Inflows related to Pension and Benefits	\$424,678	\$1,128,343	\$703,665
24	251 Unamortized Premium on Debt			\$0
25	252 Customer Advances for Construction	\$97,605	\$66,219	(\$31,386)
26	253 Other Deferred Credits	\$2,309,929	\$1,297,047	(\$1,012,883)
27	<b>Total Deferred Credits</b>	<b>\$2,832,212</b>	<b>\$2,491,609</b>	<b>(\$340,603)</b>
28	<b>RESERVES</b>			
29	260 Reserves for Uncollectable Accounts	\$481,624	\$377,113	(\$104,511)
30	260 Reserves for Rate Stabilization	\$7,851,668	\$8,234,256	\$382,588
31	262 Injuries and Damages Reserves			\$0
32	263 Pensions and Benefits	\$2,971,667	\$1,985,833	(\$985,834)
33	265 Miscellaneous Operating Reserves			\$0
34	<b>Total Reserves</b>	<b>\$11,304,959</b>	<b>\$10,597,202</b>	<b>(\$707,757)</b>
35	<b>CONTRIBUTIONS IN AID OF</b>			
36	<b>CONSTRUCTION</b>			
37	271 Contributions in Aid of Construction		\$0	\$0
38	<b>Total Liabilities and Other Credits</b>	<b>\$71,615,862</b>	<b>\$69,073,831</b>	<b>(\$2,542,031)</b>

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

<i>Account</i>	<i>Current Year</i>	<i>Preceding Year</i>	<i>Increase or (Decrease) from</i>
<b>OPERATING INCOME</b>			
400 Operating Revenues (P.37 and 43)	\$33,431,965.82	\$30,488,046.91	\$2,943,918.91
Operating Expenses:			
401 Operation Expense (P.42 & 47)	27,655,739.13	23,542,696.68	4,113,042.45
402 Maintenance Expense (P.42 & 47)	1,507,229.87	1,467,949.91	39,279.96
403 Depreciation Expense	2,230,226.82	2,220,016.30	10,210.52
407 Amortization of Property Losses			
408 Taxes (p.49)			
<b>Total Operating Expenses</b>	<u>31,393,195.82</u>	<u>27,230,662.89</u>	<u>4,162,532.93</u>
<b>Operating Income</b>	<u>2,038,770.00</u>	<u>3,257,384.02</u>	<u>(1,218,614.02)</u>
414 Other Utility Operating Income (P.50)	53,728.11	64,644.78	(10,916.67)
<b>Total Operating Income</b>	<u>2,092,498.11</u>	<u>3,322,028.80</u>	<u>(1,229,530.69)</u>
<b>OTHER INCOME</b>			
415 Income from Merchandising, Jobbing & Contract Work'	367,417.83	101,864.17	265,553.66
419 Interest Income	738,751.30	518,149.14	220,602.16
421 Miscellaneous Nonoperating Income	(11,193.02)	1,502.00	(12,695.02)
<b>Total Other Income</b>	<u>1,094,976.11</u>	<u>621,515.31</u>	<u>473,460.80</u>
<b>Total Income</b>	<u>3,187,474.22</u>	<u>3,943,544.11</u>	<u>(756,069.89)</u>
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
425 Miscellaneous Amortization			
426 Other Income Deductions	(681,062.91)	104,064.65	(785,127.56)
<b>Total Income Deductions</b>	<u>(681,062.91)</u>	<u>104,064.65</u>	<u>(785,127.56)</u>
<b>Income before Interest Charges</b>	<u>2,506,411.31</u>	<u>4,047,608.76</u>	<u>(1,541,197.45)</u>
<b>INTEREST CHARGES</b>			
427 Interest on Bonds and Notes	16,725.00	24,087.50	(7,362.50)
428 Amortization of Debt Discount and Expense	4,000.76	5,217.56	(1,216.80)
429 Amortization of Premium on Debt/Credit			
431 Other Interest Expense	12,975.15	5,948.63	7,026.52
432 Interest Charged to Construction - Credit			
<b>Total Interest Charges</b>	<u>33,700.91</u>	<u>35,253.69</u>	<u>(1,552.78)</u>
<b>Net Income</b>	<u>2,472,710.40</u>	<u>4,012,355.07</u>	<u>(1,539,644.67)</u>

Annual Report of:

Year ended December 31, 2018

**The North Attleborough Electric Department**

EARNED SURPLUS			
Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		\$ 4,502,665.51
35			
36			
37	433 Balance transferred from Income.....		\$2,472,710.40
38	434 Miscellaneous Credits to Surplus.....		\$10,487,522.81
39	435 Miscellaneous Debits to Surplus.....	\$3,261,894.29	
40	436 Appropriations of Surplus (P.21).....	\$300,000.00	
41	437 Surplus Applied to Depreciation.....		
42	439 Adjustments to retained earnings.....	\$2,581,452.38	
43	208 Unappropriated Earned Surplus (at end of period).....		\$ 11,319,552.05
44			
45	<b>TOTALS</b>		

**Annual Report of : North Attleborough Electric Department Year Ended December 31, 2018**

<b>CASH BALANCES AT END OF YEAR (Account 131)</b>	
<b>Items</b>	<b>Amount</b>
Operation Fund	\$11,313,631.13
Interest Fund	
Bond Fund	
Construction Fund	
<b>Total</b>	<b>11,313,631.13</b>
<b>MATERIALS &amp; SUPPLIES (Accounts 151 - 159, 163) Summary per Balance Sheet</b>	
<b>Account</b>	
<b>Electric</b>	
Fuel (Account 151) (See Schedule, Page 25)	
Fuel Stock Expenses (Account 152)	
Residuals (Account 153)	
Plant Materials & Operating Supplies (Account 154)	896,906.45
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)	
<b>Total</b>	<b>896,906.45</b>
<b>DEPRECIATION FUND ACCOUNT (Account 126)</b>	
<b>Items</b>	<b>Amount</b>
<b>DEBITS</b>	
Balance of account at beginning of year	32,389,693.15
Amount transferred from Income - Interest and Gain/Loss	(24,629.94)
Amount transferred from Income - Depreciation Expense	2,220,016.30
Amount transferred from Income - Rate Stabilization Fund	767,579.37
Contribution in Aid of Construction	
<b>Total Debits</b>	<b>2,962,965.73</b>
<b>CREDITS</b>	
Amount expended for construction purposes	3,325,727.71
Amount expended for renewals	
Capital Improvements	
Principal Payments	
Power Credit Transfer to Operating Fund	
<b>Total Credits</b>	<b>3,325,727.71</b>
<b>Balance of account at end of year</b>	<b>32,026,931.17</b>

**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	Depreciation (c)	Credits (d)	Other Transfers (e)	Adjustments End of Year (f)	Balance (g)
<b>1. INTANGIBLE PLANT</b>							
303 Miscellaneous Intangible Plant							
<b>Total Intangible Plant</b>							
<b>2. PRODUCTION PLANT</b>							
<b>A. Steam Plant Production</b>							
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							
<b>Total Steam Production Plant</b>							
<b>B. Nuclear Production Plant</b>							
320 Land & Land Rights							
321 Structures & Improvements							
322 Reactor Plant Equipment							
323 Turbogenerator Units							
324 Accessory Electric Equipment							
325 Misc. Power Plant Equipment							
<b>Total Nuclear Production Plant</b>							

**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)
<b>C. Hydraulic Production Plant</b>							
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							
<b>Total Hydraulic Production Plant</b>							
<b>D. Other Production Plant</b>							
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							
<b>Total Other Production Plant</b>							
<b>3. TRANSMISSION PLANT</b>							
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							
<b>Total Transmission Plant</b>							



## 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)
<b>4. DISTRIBUTION PLANT</b>							
360 Land & Land Rights	\$99,623.22						\$99,623.22
361 Structures & Improvements	\$822,548.06	\$55,919.55		(\$106,182.00)			\$772,285.61
362 Station Equipment	\$969.00	\$5,134,585.90		(\$969.00)			\$5,134,585.90
363 Storage Battery Equipment							
364 Poles, Towers & Fixtures	\$2,222,535.61	\$114,334.61		(\$326,756.04)			\$2,010,114.18
365 Overhead Conductors & Devices	\$2,590,503.96	\$191,194.70		(\$383,979.00)			\$2,397,719.66
366 Underground Conduit	\$304,182.18	\$1,911.91		(\$253,467.96)			\$52,626.13
367 Underground Conduit & Devices	\$1,285,696.46	\$106,211.51		(\$189,351.00)			\$1,202,556.97
368 Line Transformers	\$455,093.17	\$21,246.98		(\$251,922.96)			\$224,417.19
369 Services	\$329,033.07	\$14,007.46		(\$85,362.00)			\$257,678.53
370 Meters	\$781,293.44	\$2,468.43		(\$107,307.96)			\$676,453.91
371 Installations on Customer's Premises		\$19,574.80					\$19,574.80
372 Leased Property on Customer's Premises	\$41,542.34	\$68,103.05		(\$14,273.04)			\$95,372.35
373 Street Lighting & Signal Systems	\$102,578.65	\$100,415.31		(\$16,685.04)			\$186,308.92
<b>Total Distribution Plant</b>	<b>\$9,035,599.16</b>	<b>\$5,829,974.21</b>		<b>(\$1,736,256.00)</b>			<b>\$13,129,317.37</b>
<b>5. GENERAL PLANT</b>							
389 Land & Land Rights							
390 Structures & Improvements	\$230,390.12	\$21,036.44		(\$230,390.12)			\$21,036.44
391 Office Furniture & Equipment	\$301,276.95	\$88,945.77		(\$56,550.35)			\$333,672.37
392 Transportation Equipment	\$544,486.89	\$37,212.45		(\$54,448.69)			\$527,250.65
393 Stores Equipment							
394 Tools, Shop & Garage Equipment	\$35,293.57	\$47,863.11		(\$15,237.00)			\$67,919.68
395 Laboratory Equipment	\$22,697.42			(\$22,697.42)			
396 Power Operated Equipment	\$75,419.72	\$2,185.00		(\$7,541.97)			\$70,062.75
397 Communication Equipment	\$717,386.27	\$40,941.15		(\$106,836.54)			\$651,490.88
398 Miscellaneous Equipment	\$2,931.54	\$5,178.65		(\$268.73)			\$7,841.46
399 Other Tangible Property							
<b>Total General Plant</b>	<b>\$1,929,882.48</b>	<b>\$243,362.57</b>		<b>(\$493,970.82)</b>			<b>\$1,679,274.23</b>
<b>Total Utility Plant Electric</b>	<b>\$10,965,481.64</b>	<b>\$6,073,336.78</b>		<b>(\$2,230,226.82)</b>			<b>\$14,808,591.60</b>

## The North Attleborough Electric Department

MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Gain/Loss on Property	(\$11,493.02)
2	Other	\$300.00
3		
4		
5		
6	TOTAL	(\$11,193.02)
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8	Gain/Loss on Investment	(\$681,062.91)
9		
10		
11		
12		
13		
14	TOTAL	
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	Transfer from Depreciation	\$3,325,727.71
16	Transfer from Rate Stabilization	\$7,161,795.10
17		
18		
19		
20		
21		
22		
23	TOTAL	\$10,487,522.81
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Transfer to Depreciation	\$2,105,918.08
25	Transfer to Insurance Fund	\$36,102.89
26	Change in Investment of Capital Assets, net of related debt	\$1,119,873.32
16		
28		
29		
30		
31		
32	TOTAL	\$3,261,894.29
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		
38		
39		
40	TOTAL	\$300,000.00
ADJUSTMENTS TO RETAINED EARNINGS (Account 439)		
Line No.	Item (a)	Amount (b)
41		
42	Recorded Net OPEB Liability for 2017	\$2,581,452.38
43		
44		
45		
46		
47		
48	TOTAL	\$2,581,452.38

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	1,252,488	196,196.54	.1566
M-12	Large Municipal Service	9,255,174	1,257,667.65	.1359
M-13 & M-23	Time of Use Municipal Service	4,266,560	592,197.71	.1388
Total		14,774,222	2,046,061.90	.1385
M-14	Street Lighting	555,634	144,527.75	.2601
Total Municipal		15,329,856	2,190,589.65	.1429

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) (0.0000) (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) (0.0000) (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)
<b>SALES OF ELECTRICITY</b>						
440 Residential Sales	17,973,668	1,115,513	113,548,793	7,397,857	12,132	80
442 Commercial & Industrial Sales						
Small (or Commercial) see Instr. 5	3,153,604	93,491	19,165,001	592,519	989	2
Large (or Industrial) see Instr. 5	11,578,734	28,853	78,884,053	356,387	128	1
444 Municipal Sales (P.22)	2,190,590	410,984	15,329,856	803,298	133	(3)
445 Other Sales to Public Authorities						
446 Sales to Railroads & Railways						
448 Interdepartmental Sales						
449 Miscellaneous Electric Sales	158,437	(627)	939,284	(71,379)	32	2
491 Provision for Rate Refunds	(1,656,071)	1,414,422				
<b>Total Sales to Ultimate Consumers</b>	<b>33,398,962</b>	<b>3,062,646</b>	<b>227,866,987</b>	<b>9,078,682</b>	<b>13,415</b>	<b>82</b>
447 Sales for Resale						
<b>Total Sales of Electricity</b>	<b>33,398,962</b>	<b>3,062,646</b>	<b>227,866,987</b>	<b>9,078,682</b>	<b>13,415</b>	<b>82</b>
<b>OTHER OPERATING REVENUES</b>						
450 Forfeited Discounts	25	(120,161)				
451 Miscellaneous Service Revenues	32,980	1,434				
453 Sales of Water & Water Power						
454 Rent from Electric Property						
455 Interdepartmental Rents						
456 Other Electric Revenues						
448 Interdepartmental Sales non electric						
<b>Total Other Operating Revenues</b>	<b>33,005</b>	<b>(118,727)</b>				
<b>Total Electric Operating Revenues</b>	<b>33,431,967</b>	<b>2,943,919</b>	<b>227,866,987</b>	<b>9,078,682</b>	<b>13,415</b>	<b>82</b>
<i>Includes revenues from application of fuel clauses</i>						
<i>Total KWH to which applied</i>						

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 separately in total.						
Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue Per KWH	Number of Customers (Per Bills Rendered)	
				Cents (0.0000) (d)	July 31 (e)	Dec 31 (f)
440.	Residential A 1	111,000,991.00	17,633,298.29	15.89	11,885	11,847
440.	Residential A 5	2,547,802.00	340,369.39	13.36	308	331
442.	Commercial/Industrial CI 6	19,165,001.00	3,153,604.16	16.46	985	985
442.	Commercial/Industrial CI 7	78,884,053.00	11,578,733.96	14.68	126	130
444.	Municipal M14	555,634.44	144,527.75	26.01	1	1
445.	Municipal M11	1,252,488.00	196,196.54	15.66	109	109
445.	Municipal M12	9,255,174.00	1,257,667.65	13.59	18	18
445.	Municipal M13 & M23	4,266,560.00	592,197.71	13.88	5	5
449.	Leased Lights	939,283.97	158,436.57	16.87	32	33
491.	Provision for Rate Refunds		(1,656,070.79)			
Total Sales to Ultimate Consumers (Page 37 Line 11)		227,866,987.41	33,398,961.23	14.66	13,469	13,459

ELECTRIC OPERATION AND MAINTENANCE EXPENSES		
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
<b>POWER PRODUCTION EXPENSES</b>		
<b>STEAM POWER GENERATION</b>		
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		
<b>Total operation</b>		
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		
<b>Total maintenance</b>		
<b>Total power production expenses - steam power</b>		
<b>NUCLEAR POWER GENERATION</b>		
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		
<b>Total operation</b>		
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		
<b>Total maintenance</b>		
<b>Total power production expenses - nuclear power</b>		
<b>HYDRAULIC POWER GENERATION</b>		
Operation:		
535 Operation supervision and engineering		
536 Water for power		
537 Hydraulic expenses		
538 Electric expenses		
539 Miscellaneous hydraulic power generation expenses		
540 Rents		
<b>Total operation</b>		

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES</b>		
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
<b>HYDRAULIC POWER GENERATION - continued</b>		
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		
<b>Total maintenance</b>	<u>                    </u>	<u>                    </u>
<b>Total power production expenses - hydraulic power</b>	<u>                    </u>	<u>                    </u>
<b>OTHER POWER GENERATION</b>		
Operation:		
546 Operation supervision and engineering		
547 Fuel		
548 Generation Expense		
549 Miscellaneous other power generation expenses		
550 Rents		
<b>Total operation</b>	<u>                    </u>	<u>                    </u>
Maintenance:		
551 Maintenance supervision and engineering		
552 Maintenance of structures		
553 Maintenance of generating & electric plant		
554 Maintenance of miscellaneous other power generation plant		
<b>Total maintenance</b>	<u>                    </u>	<u>                    </u>
<b>Total power production expenses - other power</b>	<u>                    </u>	<u>                    </u>
<b>OTHER POWER SUPPLY EXPENSES</b>		
555 Purchased Power	17,647,032.65	4,486,762.19
556 System control & load dispatching		
557 Other expenses	473,413.28	21,014.69
<b>Total other power supply expenses</b>	<u>18,120,445.93</u>	<u>4,507,776.88</u>
<b>Total power production expenses</b>	<u>18,120,445.93</u>	<u>4,507,776.88</u>
<b>TRANSMISSION EXPENSES</b>		
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	4,570,845.79	(66,612.41)
566 Miscellaneous transmission expenses		
567 Rents		
<b>Total operation</b>	<u>4,570,845.79</u>	<u>(66,612.41)</u>
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		
<b>Total maintenance</b>	<u>                    </u>	<u>                    </u>
<b>Total transmission expenses</b>	<u>4,570,845.79</u>	<u>(66,612.41)</u>

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES</b>		
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
<b>DISTRIBUTION EXPENSES</b>		
Operation:		
580 Operation supervision and engineering	398,118.32	(29,516.48)
581 Load dispatching		
582 Station expenses	195,822.99	52,591.34
583 Overhead line expenses	155,659.10	17,898.95
584 Underground line expenses	113,998.59	(40,593.09)
585 Street lighting & signal system expenses	26,828.04	(13,265.88)
586 Meter expenses	123,614.86	20,185.81
587 Customer installations expenses	81,025.42	(196.25)
588 Miscellaneous distribution expenses	310,920.99	38,955.86
589 Rentals		
<b>Total operation</b>	<u>1,405,988.31</u>	<u>46,060.26</u>
Maintenance:		
590 Maintenance supervision and engineering	9,799.99	7,898.38
591 Maintenance of structures	92,398.58	(191,880.69)
592 Maintenance of station equipment	728,445.00	197,001.15
593 Maintenance of overhead lines	11,866.41	(13,287.62)
594 Maintenance of underground lines	75,619.52	40,056.70
595 Maintenance of line transformers	6,504.93	(19,334.58)
596 Maintenance of street lighting & signal systems	1,220.00	(101.19)
597 Maintenance of meters	1,455.00	1,455.00
598 Maintenance of miscellaneous distribution plant	<u>927,309.43</u>	<u>21,807.15</u>
<b>Total maintenance</b>	<u>927,309.43</u>	<u>21,807.15</u>
<b>Total distribution expenses</b>	<u>2,333,297.74</u>	<u>67,867.41</u>
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Operation:		
901 Supervision		
902 Meter reading expenses	25,356.24	(14,017.69)
903 Customer records & collection expenses	528,474.41	(18,408.85)
904 Uncollectible accounts	130,000.00	
905 Miscellaneous customer accounts expenses		
<b>Total customer accounts expenses</b>	<u>683,830.65</u>	<u>(32,426.54)</u>
<b>SALES EXPENSES</b>		
Operation:		
908 Customer service expense	183,734.84	(20,713.99)
909 Electrical Information & Instruction	8,604.70	(38.63)
913 Advertising expense		
916 Miscellaneous sales expenses		
<b>Total sales expenses</b>	<u>192,339.54</u>	<u>(20,752.62)</u>
<b>ADMINISTRATIVE &amp; GENERAL EXPENSES</b>		
Operation:		
920 Administrative & general salaries	865,988.69	62,602.78
921 Office supplies & expenses	166,336.45	18,753.91
922 Administrative expenses transferred - Cr.		
923 Outside services employed	242,603.98	(16,786.94)
924 Property insurance	15,926.00	(740.00)
925 Injuries & Damages	123,478.26	(5,662.88)
926 Employee pension & benefits	1,177,949.70	(386,690.39)
927 Franchise Requirements	22,878.95	7,832.87
928 Regulatory commission expenses		
929 Duplicate charges - Cr.		
930 Miscellaneous general expenses	53,279.90	(1,699.31)
931 Rent Expense	13,846.98	1,386.84
<b>Total operations</b>	<u>2,682,288.91</u>	<u>(321,003.12)</u>



ELECTRIC OPERATION AND MAINTENANCE EXPENSES		
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
<b>ADMINISTRATIVE &amp; GENERAL EXPENSES - continued</b>		
Maintenance:		
933 Transportation Expenses	140,692.07	8,051.05
935 Maintenance of general plant	439,228.37	9,421.76
<b>Total maintenance</b>	<u>579,920.44</u>	<u>17,472.81</u>
<b>Total administrative &amp; general expenses</b>	<u>3,262,209.35</u>	<u>(303,530.31)</u>
<b>Total Electric Operation &amp; Maintenance Expenses</b>	<u>29,162,969.00</u>	<u>4,152,322.41</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	18,120,445.93	
<b>Total Power Production Expenses</b>	<u>18,120,445.93</u>	
Transmission Expenses	4,570,845.79	
Distribution Expenses	1,405,988.31	927,309.43
Customer Accounts Expenses	683,830.65	
Sales Expenses	192,339.54	
Administrative & General Expenses	2,682,288.91	579,920.44
<b>Total Electric Operations &amp; Maintenance Expenses</b>	<u>27,655,739.13</u>	<u>1,507,229.87</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).

93.90

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

\$3,610,047.71

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

34.00

**TAXES CHARGED DURING YEAR**

1. This schedule is intended to give the ac distribution of total taxes charged to operations and other final accounts during the year.
2. Do not include gasoline and oter sales taxes which have been charged to accounts to which the material on which the tax was levied v charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.
3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State", and "Local" in such manner that the total tax for ea and for all subdivisions can readily be ascertained.
4. The accounts to which the taxes charged we tributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.
6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit Cents)							
			(Show utility department where applicable and account charged)							
			Electric (Acct. 408,409) (c)	Gas (Acct. 408,409) (d)	(e)	(f)	(g)	(h)	(i)	(j)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

# 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		\$ 30,608.70	0	\$ 30,608.70
3	Scrap Sales		\$ 23,119.41	0	\$ 23,119.41
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
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					
50					
51	<b>Totals</b>	\$0	\$53,728	\$0	\$53,728

## The North Attleborough Electric Department

INCOME FROM MERCHANDISING, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenues, costs, expenses, and net 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	<b>Revenues:</b>				
2	Merchandise sales, less discounts,				\$0
3	allowances and returns				\$0
4	Contract work	\$ 191,849.35			\$191,849
5	Commissions				\$0
6	Other (list according to major classes)				\$0
7	Property Damage	\$ 88,323.06			\$88,323
8	Grant Reimbursement	\$ 4,567.50			\$4,568
9	FEMA Reimbursement	\$209,628			\$209,628
10	<b>Total Revenues</b>	<b>\$494,368</b>	<b>\$0</b>	<b>\$0</b>	<b>\$494,368</b>
11					
12					
13	<b>Costs and Expenses:</b>				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Contract work	\$ 93,319.23			\$93,319
17	Commissions				\$0
18	Other (list according to major classes)				\$0
19	Property Damage	\$ 33,630.96			\$33,631
20	Grant Reimbursement				\$0
21	National Grid Switching				\$0
22					
23					
24					
25					
26	<b>Sales expenses:</b>	<b>\$0</b>			<b>\$0</b>
27	Customer accounts expenses:				
28	Administrative and general expenses:				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	<b>Total Costs &amp; Expenses</b>	<b>\$ 126,950.19</b>			<b>\$126,950</b>
51	<b>Net Profit (or Loss)</b>	<b>\$367,418</b>	<b>\$0</b>	<b>\$0</b>	<b>\$367,418</b>

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 56 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 purchase 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 respondent owned or leased, RS; seller owned or leased, SS.  
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 DEMAND (G)	ANNUAL MAX. DEMAND (H)				CAPACITY CHARGES (L)	ENERGY CHARGES (M)	OTHER (N) **	TOTAL (O)		
<b>Nonassociated Utilities</b>																
MMWEC			No. Attleborough										\$421	\$421	\$0.0000	
ENERGY NEW ENGLAND			No. Attleborough										\$135,310	\$135,310	\$0.0000	
ENERGY MGMT-CONSULTING SERVICE													\$44,063	\$44,063	\$0.0000	
LEGAL-PULMAN & KLINE													\$20,847	\$20,847	\$0.0000	
NATIONAL GRID-HYDRO QUEBEC 2	0	X	No. Attleborough					60	115					\$0	\$0.0000	
NATIONAL GRID-REMWEC II	0		No. Attleborough					60	115					\$0	\$0.0000	
NATIONAL GRID-NETWORK TRANSMIS	0		No. Attleborough					60	115					(\$308,133)	(\$308,133)	\$0.0000
NATIONAL GRID-FACILITIES CHARGE	0		No. Attleborough					60	115					\$25,721	\$25,721	\$0.0000
NATIONAL GRID	0		No. Attleborough			0		60	115	58,800		\$11,005		\$11,005	\$0.1672	
<b>Other Public Authorities</b>																
FLUSH OF FUNDS	0		No. Attleborough											(\$43,075)	(\$43,075)	\$0.0000
PASNY	FP	X	No. Attleborough			1,771		60		12,109,779	\$86,377	\$63,191	\$216,075	\$384,643	\$0.0301	
ENE - MILLER HYDRO			No. Attleborough					60	115	6,658,402		\$316,029		\$316,029	\$0.0482	
ENE - SPRUCE MOUNTAIN			No. Attleborough							6,844,392		\$657,069		\$657,069	\$0.0946	
MMWEC - STONYBROOK (PEAKER)	0		No. Attleborough			10,170		60	115	395,839	\$187,398	\$77,018	\$8,950	\$263,364	\$0.6399	
MMWEC - STONYBROOK CCI(INTER)	0		No. Attleborough			11,071		60	115	3,340,185	\$427,704	\$287,091	\$10,877	\$705,682	\$0.2112	
MMWEC - MIX 1 - SEABROOK	0	X	No. Attleborough			74		60	115	881,114	\$16,897	\$3,852	\$43	\$20,892	\$0.0307	
MMWEC - MIX 1 - MILLSTONE 3	0	X	No. Attleborough			758		60	115	7,158,352	\$227,589	\$45,845	\$4,848	\$278,082	\$0.0389	
MMWEC - PROJ. 3 - MILLSTONE 3	0	X	No. Attleborough			1,239		60	115	11,564,183	\$371,438	\$37,780	\$7,885	\$453,061	\$0.0392	
MMWEC - PROJ. 4, 5 & 6 (SEABROOK)	0	X	No. Attleborough			4,269		60	115	37,356,682	\$1,089,058	\$218,757	\$2,387	\$1,309,180	\$0.0350	
MMWEC - WYMAN	0	X	No. Attleborough			1,032		60	115	220,680	\$31,050	\$21,841	\$847	\$53,738	\$0.2435	
TAUNTON MUNICIPAL - CLEARLY 0	0		No. Attleborough			10,000		60	115	6,792,668	\$1,118,511	\$384,739		\$1,483,250	\$0.2184	
TOWN OF BRAINTREE - POTTER 2	0		No. Attleborough			4,922		60	115	398,161.00	\$296,188	\$28,784		\$324,980	\$0.8203	
MMWEC-SERVICE BILLINGS														\$0	\$0.0000	
MMWEC - HYDRO QUEBEC	0	X	No. Attleborough					60	115				\$81,744	\$81,744	\$0.0000	
MMWEC - HYDRO QUEBEC USE RIGHT	0		No. Attleborough										(\$42,928)	(\$42,928)	\$0.0000	
ENE - RISE										29,200,000	(\$180,035)	\$1,519,755	\$5,034	\$1,339,720	\$0.0459	
NORTHEAST UTILITY SYSTEM										6,385,976		\$560,495		\$560,495	\$0.0880	
SADDLEBACK RIDGE										4,720,234		\$451,245		\$451,245	\$0.0958	
CANTON MOUNTAIN													\$4,585,708	\$4,585,708	N/A	
ISO OATT			No. Attleborough					60	115						N/A	
<b>Totals</b>										<b>133,861,525</b>	<b>\$3,609,093</b>	<b>\$4,678,293</b>	<b>\$4,778,759</b>	<b>\$13,086,145</b>	<b>0.097609</b>	

\*\* 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	234,008,956	133,813,036	100,195,920	9,625,147.00
2			Attleborough					0
3								0
4								0
5								0
6								0
7								0
8								0
9								0
10								0
11								0
12	<b>TOTALS</b>				<b>234,008,956</b>	<b>133,813,036</b>	<b>100,195,920</b>	<b>\$9,625,147.00</b>

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NE	NET INTERCHANGE EXPENSE	5,085,190
14		NEPOOL EXPENSE	265,500
15		OTHER SETTLEMENTS & ANCILLARY SERVICES/EXPENSES	4,274,457
16			
17			0.00
18			0.00
19			0.00
20			0.00
21	<b>TOTALS</b>		<b>9,625,147.00</b>

## 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	<b>SOURCES OF ENERGY</b>		
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		133,861,525
9		{ In (gross)	234,008,956
10	Interchanges	{ Out (gross)	133,813,036
11		{ Net (Kwh)	100,195,920
12		{ Received	
13	Transmission for/by others (V	{ Delivered	
14		{ Net (kwh)	
15	<b>TOTAL</b>		<b>234,057,445</b>
16	<b>DISPOSITION OF ENERGY</b>		
17	Sales to ultimate consumers (including interdepartmental sales)		227,866,987
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	(48,492)	
24	Distribution losses	6,238,950	
25	Unaccounted for losses		
26	Total energy losses		6,190,458
27	Energy losses as percent of total on line 15	2.64%	
28	<b>TOTAL</b>		<b>234,057,445</b>

### 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.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)	
29	January	45,104	Monday	1	6:00:00 PM	60 min	22,871,152	
30	February	37,936	Wednesday	7	6:00:00 PM	60 min	17,903,568	
31	March	35,744	Wednesday	7	7:00:00 PM	60 min	19,422,144	
32	April	32,272	Tuesday	3	8:00:00 PM	60 min	16,857,952	
33	May	38,000	Tuesday	29	6:00:00 PM	60 min	16,924,064	
34	June	44,144	Saturday	30	6:00:00 PM	60 min	18,491,328	
35	July	52,752	Tuesday	3	3:00:00 PM	60 min	23,558,896	
36	August	55,264	Wednesday	29	3:00:00 PM	60 min	24,170,329	
37	September	53,424	Thursday	6	4:00:00 PM	60 min	18,243,712	
38	October	35,136	Wednesday	10	7:00:00 PM	60 min	16,943,760	
39	November	35,712	Thursday	15	7:00:00 PM	60 min	18,235,904	
40	December	38,336	Tuesday	18	7:00:00 PM	60 min	20,386,144	
41	<b>TOTAL</b>							<b>234,008,953</b>

**TRANSMISSION LINE STATISTICS**

Report information concerning transmission lines as indicated below

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	<b>TOTALS</b>				0	0	0	0

\*Where other than 60 cycle, 3 phase, so indicate.



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 (i), (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											
4			115 KV	13.8 KV		45000	1	0	None		
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32	TOTALS					151000	3	0			



## The North Attleborough Electric Department

<b>CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)</b>						
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	Snowmass	0.2053	0.2053	13.8		
16	Riordan Way	0.1038	0.1038	13.8		
17	Circle Court Project	0.0265	0.0265	13.8		
18	Polyment Project	0.0324	0.0324	13.8		
19	Whitings Pond		0.0778	13.8		
20	Delphis Monast		1.7040	13.8		
21	Chickadee		0.4349	13.8		
22	Red Oak Extension		0.0460	13.8		
23	Westwood Jeffrey Dr		0.1744	13.8		
24	Park Street		0.0621	13.8		
25	Chauncy Village		0.3098	13.8		
26	Poles & Anchors		0.1644	13.8		
27	S.Washington		0.1523	13.8		
28	Cushman Estates		0.2623	13.8		
29	Bare Wire Single		0.3348	13.8		
30	Porcelain Three		0.1034	13.8		
31	14-E-10/Load Reduction	0.0682	0.6216	13.8		
32	14-E-10/Load Reduction		1.3056	13.8		
33	Reed Ave		0.0670	13.8		
34	Christina Estates		1.0000	13.8		
35	Santoro Drive		0.2500	13.8		
36	MA DOT		0.3250	13.8		
37	Mt Hope Estates		0.4727	13.8		
38	Benchmark		0.1636	13.8		
39	Walsh Chrysler		0.2955	13.8		
40	Jewel Crossing		0.2523	13.8		
41	Greenwich St/Oakhurst		0.0367	13.8		
42	Reed Ave		0.0402	13.8		
43	Substation Improvements		0.6330	13.8		
44	HS Field		0.5428	13.8		
45	Season Market		0.0898	13.8		
46	Cumberland Farms Kelly BLvd		0.0443	13.8		
47	Cumberland Farms E Wash		0.0625	13.8		
48	Kristen Circle		0.0947	13.8		
49				13.8		
50	<b>TOTALS</b>	<b>17.5962</b>	<b>59.5015</b>			

\*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		LED	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	North Attleborough	1965								1965
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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## 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
10/1/2018		See Attached		

The North Attleborough Electric Department

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

\_\_\_\_\_  
Mayor,  
*[Signature]*  
\_\_\_\_\_  
Manager of Electric Light

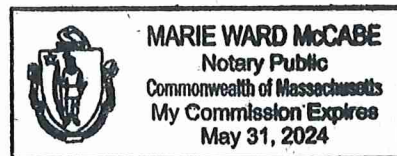
<i>Dale Langille</i>
<i>Brett Langille</i>
<i>Sh. M. Cabral</i>

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 \_\_\_\_\_

*Dale Langille*  
\_\_\_\_\_  
*Brett Langille*  
\_\_\_\_\_  
*Steven Cabral*  
\_\_\_\_\_



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

*Marie Ward McCabe*  
\_\_\_\_\_  
Notary Public or  
Justice of the Peace.

**North Attleborough Electric Department  
GENERAL TERMS AND CONDITIONS  
FOR ELECTRIC SERVICE  
Effective November 1, 2017**

File: policy - Terms & Conditions, approved by BOELC, FINAL, 10-4-17, 10-13-17, 10-17

**I. APPLICABILTIY**

1. The following Terms & Conditions of the North Attleborough Electric Department ("NAED" or "Department") shall be a part of every Rate Schedule or contract for electric service, except as may be expressly modified by contract or a particular Rate Schedule, or superseded by any applicable order or regulation of the Massachusetts Department of Public Utilities ("DPU").
2. The provisions of these Terms and Conditions and the Schedule of Rates shall apply to all persons and entities applying for or receiving service from NAED ("Customer") and compliance therewith by the Customer is a condition precedent to the initial and/or continuing supply of electricity, as applicable, by NAED.
3. These Terms and Conditions, and any amendments hereto, are binding on every Customer regardless of whether such Customer has actual notice of them. No agent or employee of NAED is authorized to modify, change or waive any of these Terms and Conditions by oral agreement, representation or otherwise.
4. These Terms and Conditions may be revised, amended, supplemented, or otherwise changed from time to time only by a duly authorized vote of the Board of Commissioners. Such changes, when effective, shall supersede the applicable provisions hereof and shall be binding on all Customers. Service shall be subject to NAED's applicable policies, rules, regulations and specifications, to the extent not inconsistent with these Terms and Conditions.
5. The General Manager, or his/her designee, shall be responsible for the administration and enforcement of the Terms and Conditions set forth herein. Any failure to enforce any provision of these Terms & Conditions shall not constitute a waiver of these Terms and Conditions as provided in Article I, paragraph 3 and shall not relieve the Customer for compliance.

## **II. INITIATING ELECTRIC SERVICE**

### **A. EXCLUSIVE SERVICE PROVIDER.**

1. NAED shall be the exclusive electric service provider in its service territory.
2. All Customers within NAED's electric service territory shall be prohibited from purchasing energy from any other entity or person.
3. All Customers within NAEDs electric service territory shall be prohibited from obtaining distribution services from any other service provider, except with NAED's express written consent, which may be withheld by NAED in its sole discretion, or upon order of the DPU.

### **B. SERVICE APPLICATION.**

1. Any person or entity seeking to initiate temporary or permanent service or to change or to restore service shall complete and sign a written application on such forms provided or specified by NAED.
2. The Customer shall be responsible for the payment of all applicable fees at the time of application for service.
3. NAED may request any other information as it deems necessary to secure payment for all charges and to provide efficient and reliable service.

### **C. SECURITY DEPOSITS.**

#### **1. GENERAL**

- a. Security deposits may be required for new and existing customers to secure payment for up to three (3) months of estimated usage of electric service, or as may be otherwise prescribed by M.G.L. c. 164 and regulations promulgated by the DPU.
- b. NAED may require any Customer, upon application for service or at any time, to furnish a security deposit in the form of cash, credit cards, debit cards or check.
- c. NAED may adjust the amount of the security deposit as necessary consistent with the Customer's usage history and as otherwise may be necessary to ensure that the full deposit is maintained.



d. Interest shall be paid in accordance with M.G.L. c. 164, § 58A, which will be credited on the next bill for electric service after December 31 of each year.

e. The balance of the security deposit, after deducting any amount owed to NAED for services rendered, will be refunded to the Customer upon the termination of the Customer's account.

f. NAED may waive the security deposit, in its sole discretion, when payment of the charges may be secured through other means.

D. SERVICE CONTINGENT UPON CERTAIN RIGHTS.

1. The supply of service is contingent upon NAED's ability to secure and retain the necessary location(s), rights-of-way or other property rights for its poles, wires, conduit, cable, and other equipment or apparatus.
2. The Customer, at its sole expense, shall provide or secure any necessary permits, licenses, certificates, easements or rights-of-way on private property as may be required to enable NAED to install and furnish the service for which application is made.
3. NAED, without liability, may suspend or terminate service if the Customer fails to maintain any such permits, licenses, certificates, easements or right-of-way grants required for such service.

E. REFUSAL TO SERVE.

1. NAED reserves the right to refuse to supply service to new Customers or to supply additional load or to upgrade service to any existing Customer if it is unable to obtain the necessary equipment and facilities or capital required for the purpose of furnishing such service, or the difficulty of access thereto is such that it causes an undue hardship on NAED, financial or otherwise.
2. NAED also may refuse to supply service to loads of unusual characteristics that could negatively affect the cost, quality or reliability of service supplied to NAED's other Customers.
2. As a condition to providing or continuing service, NAED may require any Customer having such unusual loads to install special regulating and protective equipment, as determined by NAED, at the Customer's sole expense.

F. REJECTION FOR UNPAID BALANCE.

1. NAED reserves the right to reject any applications made by or on behalf of any Customer whose bills for service remain unpaid at the time of the application.
2. In NAED's discretion, NAED may require either the execution of a Cromwell Waiver to add the outstanding balance to the new account or the payment of all outstanding bills in advance of supplying service.

### III. INSTALLATION OF NEW SERVICE AND SERVICE CONNECTIONS

#### A. CUSTOMER'S WIRING.

1. Except for the meter and the service drop, the Customer is responsible for the installation of all equipment and wiring on the Customer's premises to the point of entrance, as specified by NAED. The Customer's wiring and electrical equipment shall comply with applicable bylaws, state and local codes or requirements, the National Electric Safety Code, and NAED's specifications and policies as may be established or amended from time to time. The Customer shall obtain written approval of the Town Wiring Inspector prior to the connection of new service.

1. NAED may refuse to provide service until the Customer's wiring has been approved for energization or if NAED determines that the Customer's installation does not comply with applicable requirements.

#### B. EXTENSION OF DISTRIBUTION SERVICE.

1. The extension of new service shall be subject to NAED's requirements and specifications and at the Customer's expense.

2. NAED may require the execution of a separate construction agreement to address major or unusual new service installations, as determined by NAED.

3. When system-wide improvements are required, as determined by NAED, to provide reliable service to the Customer due to the size of the load or the characteristics of service, the Customer may be required to pay all or a portion of the cost of such system-wide improvements. Such charges will be based on NAED's actual costs, including labor and materials, including engineering and design.

#### C. CUSTOMER-SPECIFIC ENGINEERING REQUIREMENTS AND SPECIFICATIONS.

1. NAED reserves the right to impose any Customer-specific engineering requirements or specifications, as NAED, in its discretion, deems necessary for the protection of its distribution system and for the provision of safe and reliable service to the Customer and to NAED's other Customers.

2. The Customer is responsible for ascertaining whether any special engineering requirements or specifications will apply.

D. EQUIPMENT.

NAED may require the installation of any equipment that it deems necessary for the reliable and efficient provision of service and the protection of its facilities and personnel, including remote disconnect and current limiting devices.

E. CUSTOMER INSTALLATIONS.

1. When NAED requires the Customer to install equipment and facilities for the extension of electric service, all installations shall be performed in a workmanlike manner in accordance with applicable codes and prevailing industry standards, and shall be subject to NAED's inspection and written approval.

2. Service shall not be connected to NAED's facilities until NAED's written approval is obtained. NAED may suspend or disconnect service if the Customer's installation subsequently fails to satisfy applicable codes, standards or NAED's requirements or specifications.

F. OWNERSHIP OF EQUIPMENT AND FACILITIES.

1. All equipment and facilities up to the delivery point, whether installed by the Customer or NAED, shall be owned by NAED.

2. All meters shall be owned by NAED.

G. REPLACEMENTS, REPAIRS, AND UPGRADES OF CUSTOMER EQUIPMENT AND FACILITIES.

1. The Customer shall be responsible, at its expense, for maintaining its equipment and facilities in good condition, in compliance with applicable codes, and in accordance with NAED's requirements and specifications.

2. NAED may suspend or disconnect service if Customer fails to comply with this provision.

#### IV. ADDITIONAL SERVICE REQUIREMENTS AND LIMITATIONS

##### A. LOAD CHARACTERISTICS.

1. NAED will determine the character of service to be made available at each location.
2. As provided in Article II, Section E, NAED may refuse to supply service or may suspend or discontinue service to loads of unusual characteristics that could adversely affect NAED's equipment and facilities, the quality of service supplied to other Customers, the public safety, or the safety of NAED personnel, or require the installation of regulating equipment, as determined by NAED in its sole discretion.
3. The Customer shall notify NAED in writing, on a form approved by NAED, before any change or addition is made in the load characteristics of the Customer's equipment.
4. The Customer shall be liable for any damage caused by any such changes or additions made without NAED's written approval, including any damage to NAED's meters, transformers, lines, or other equipment.

##### B. TYPE OF SERVICE.

The type and/or size of service requested by a Customer may not be available at the location where such service is desired. Non-standard service only may be made available upon the express written approval of the General Manager of NAED, as determined in NAED's sole discretion, and at the sole expense of the Customer.

##### C. COMPLIANCE WITH RATE AVAILABILITY.

To the extent applicable, the use of service shall not be for any purposes other than those covered by the availability provision of the particular rate under which service is supplied.

D. SUITABILITY OF EQUIPMENT AND APPARATUS.

1. The Customer's wiring, equipment and apparatus shall be suitable for compatible operation with the service supplied by NAED and shall, at all times, conform to the requirements of any legally constituted authorities and to those of NAED, and the Customer shall keep such wiring, apparatus, and equipment in proper repair.

2. The Customer shall not use the supplied service for any purpose or with any apparatus that would cause any disturbances or which may impair or render unsafe the service supplied by NAED to its other Customers.

3. NAED shall not be responsible for the maintenance or installation of the equipment and property on the Customer's side of the delivery point, nor shall NAED have any duty to investigate the same. However, NAED reserves the right, but not the obligation, to disconnect its service, if to its knowledge and in its judgment, the Customer's installation has become or is dangerous, defective, or in violation of applicable safety codes or NAED's requirements or specifications.

4. The Customer shall be liable for any damage resulting to NAED's apparatus or facilities or to its other Customers caused by the Customer's failure to comply with any provision of these Terms & Conditions.

E. COMPLIANCE WITH LAWS.

1. The Customer shall comply with all applicable by-laws, codes, requirements, certificates, permits and approvals of federal, state or municipal bodies or authorities with respect to the installation and maintenance of its equipment and facilities and shall be required to furnish satisfactory evidence of such compliance upon request.

2. NAED shall not be required to supply or continue service unless all applicable permits and approvals have been obtained or compliance with applicable codes has been established.

F. RESALES PROHIBITED.

Service supplied by NAED shall be for the exclusive use of the Customer for the purpose and class of service specified, and such service shall not be resold.

**V. INSTALLTION, ACCESS AND PROTECTION OF NAED'S EQUIPMENT AND METERS**

**A. INSTALLATION AND MAINTENANCE OF METER.**

1. Unless otherwise specified herein or in an applicable rate schedule, at its expense, NAED will furnish and install, at locations it designates, one or more meters for the purpose of measuring electricity supplied.
2. All meters installed by NAED shall remain the property of NAED, regardless of whether such meter is repaired or replaced by NAED at the Customer's expense as provided herein.
3. NAED shall maintain and test the meters in accordance with applicable laws or regulations.

**B. CHANGES TO METERS DUE TO UNAUTHORIZED USE.** Whenever NAED determines that an unauthorized use of electricity is being made at the service location, NAED may make any changes to its meters, appliances or other equipment on the Customer's premises or take any other corrective action as may be appropriate under the circumstances to ensure the safety and security of the equipment, personnel and its installation. Any such changes shall be made at the Customer's sole expense.

**C. SPACE AND HOUSING.**

1. The Customer shall furnish and maintain, at no cost to NAED, the necessary space, housing, fencing, barriers, and foundations for the protection of equipment to be installed upon the Customer's premises, whether such equipment is furnished by the Customer or NAED.
2. If the Customer refuses or fails to do so, NAED, at its option, may charge the Customer the costs for furnishing and maintaining the necessary facilities or devices for the protection of its equipment. Such space, housing, fencing, barriers and foundations shall be in conformity with applicable laws and regulations and subject to NAED's specifications and approval.

D. ACCESS TO NAED'S EQUIPMENT AND METERS.

1. At all times, the meter and all other NAED equipment installed on the Customer's premises for the purposes of supplying service, shall be readily accessible to NAED at all reasonable times for reading, inspection, repairs, replacements, and testing.

2. Access to NAED's meters and equipment shall be free from all obstructions, including shrubbery, fencing, and other obstructions. NAED may refuse to supply or may suspend service if access cannot be readily or safely obtained, as determined by NAED in its sole discretion.

E. GRANT OF RIGHTS.

1. The Customer hereby gives NAED permission to access the Customer's premises at all reasonable times for the purposes of installing, inspecting, testing, reading, maintaining, repairing, replacing or removing NAED's meters, equipment or appliances.

2. If access is refused or is otherwise not provided, NAED may take such corrective action as it deems necessary, including suspending service until access is obtained.

3. The Customer shall be responsible for all costs incurred by NAED to obtain such access. The Customer shall pay all such charges in full before service will be restored or any new service will be supplied. NAED shall not be liable for any damage caused in obtaining lawful access to the premises.

F. INTERFERENCE AND TAMPERING PROHIBITED.

1. No person, unless expressly authorized by NAED in writing, shall disconnect, remove, inspect or otherwise alter any meter or other equipment or facilities owned by NAED.

2. Neither Customer, nor anyone acting on the Customer's behalf, shall break any seals or change any settings to NAED's meters or equipment.



3. Upon request, NAED will temporarily relocate meters at no additional cost to accommodate construction projects at the service location. The Customer shall be responsible for the safekeeping of NAED's meters and equipment, which includes taking all reasonable precautions to prevent damage or interference therewith.
4. NAED may impose any additional reasonable conditions as it deems necessary for the protection of its equipment and facilities.
5. The Customer shall be responsible for all costs associated with any damage or interference with NAED's meters and/or equipment, including the cost of repairs or replacements as determined by NAED in its sole discretion.
6. NAED reserves the right to suspend or discontinue service until full restitution is made and to take other reasonable measures to ensure the safety and protection of its property and personnel. In addition, any person found tampering with such NAED equipment or meters may be subject to a fine or imprisonment, or both, as provided by G.L. c. 164, Section 126 or other applicable law.

G. MULTIPLE DWELLING UNITS AND BUILDINGS.

1. Separate dwelling units, whether within the same building or in separate buildings on the same premises, shall be considered to be separate Customers and shall be metered individually wherever practicable.
2. If a single family residence is subsequently converted to multiple dwelling units, or if for some other reason it is impractical, in the judgment of NAED, to separately meter individual dwelling units, electric service may be supplied through a single meter under the applicable residential or general service rate. NAED shall have the option, but shall not be required to install separate service for any garage, barn, or other out-building if such service may be supplied from the main premises.
3. Landlord customers shall comply with the requirements of the State Sanitary Code. As provided in Section IV.F, in no circumstances shall electricity be resold to the occupants.

**VI. ADDITIONAL CUSTOMER RESPONSIBILITIES.**

**A. PROTECTION OF CUSTOMER EQUIPMENT AND APPLIANCES.**

1. The Customer acknowledges that computers, reproduction, X-ray, data processing equipment, electronics, similar and other devices can be extremely sensitive to power system transients or loss of voltage.
2. The Customer is solely responsible for the protection of its equipment and appliances and should consult the equipment manufacturer for suitable devices to protect against these conditions.
3. NAED shall not be liable for any losses or damage to the Customer's equipment and appliances.

**B. INSTALLATION OF RELAYS.**

The Customer shall install, at its own expense, a reverse-phase relay of approved type on all alternating-current motors for passenger and freight elevators, hoists and cranes, and a reverse-power or other approved relays for parallel operation. The Customer is responsible for protecting all polyphase equipment from loss of phase conditions (single phasing).

**C. CHANGES IN CUSTOMER'S CONDITIONS OR INSTALLATION.**

1. The Customer shall provide advance written notice to NAED of any proposed change to the purpose or location of the Customer's equipment or service conditions.
2. Such changes shall not be made until approved by NAED in writing. NAED may request any information as it deems necessary to evaluate the effect of the proposed change on its system.
3. The Customer shall be liable for any damage to the meters or other apparatus and equipment of NAED caused by the changed conditions or installation made without NAED's express prior approval.
4. NAED may terminate or refuse to provide service to any location if changes in the Customer's equipment, installation or interconnection fail to meet specifications or requirements prescribed NAED.

D. RELOCATION OF FACILITIES.

If for any reason, it becomes necessary for NAED to relocate any of its poles, wires or cables by which the Customer is served, the Customer, at its own expense, shall change the location of its point of delivery to a point readily accessible from the new location, and shall make any change in the wiring system in connection therewith.

VII. **RATES, CHARGES AND BILLING**

A. RATE.

NAED will determine the rate applicable to each Customer based upon such Customer's usage or class of service. Every Customer is entitled to request service under the lowest rate applicable to the service supplied during each calendar year. NAED shall not be liable for any claim that service provided to the Customer might have been less expensive or more advantageous to the Customer if supplied under a different rate. Minimum charges may apply to each billing period or portion thereof as provided in the applicable rate schedule.

B. CHANGES IN RATE.

NAED's rates, rate schedules and tariffs are subject to change pursuant to and in accordance with G. L. c. 164, § 58. Service shall be billed at the new rate as of effective date.

C. BILLING.

1. All meters shall be read at least every other month as provided in the DPU billing and termination regulations, except where access to the meter cannot be obtained on the regular reading date.

2. Bills for regular service charges shall be rendered monthly, except when NAED determines that a different billing period is required or desirable as permitted by applicable law or regulation, such as on a bimonthly basis. Charges for the installation, maintenance, and repairs of equipment and facilities will be billed as applicable. NAED may require payment in advance for such work.

D. DUE DATE.

1. All bills shall be due and payable upon receipt.
2. The bill shall be deemed to be received on the date of hand delivery or three (3) days following the date of mailing, as applicable, unless otherwise specified in the applicable rate schedule.
3. If a bill for monthly service is not paid in full within forty-five (45) days of receipt of the original invoice and the amount is not subject to a good faith dispute, the invoice shall be deemed to be past due and service shall be subject to termination in accordance with applicable laws and regulations.
4. Any applicable discounts will apply only when all charges have been paid in full and only when full payment is received by NAED by the discount expiration [due] date.
5. All claims involving billing adjustments shall be made before the bill becomes past due.

E. LIABILITY FOR CHARGES.

1. The Customer shall be and shall remain the Customer of record and shall be liable for all charges for service until such time as the Customer requests termination of service and a final meter reading is obtained by NAED.
2. All requests for termination shall be in writing on such forms required by NAED.
3. Continuous service will be provided to rental properties during periods of vacancy upon the filing of an application for continuous service pursuant to which the property owner or management company agrees to pay for the charges until a new Customer-of-record is established.

F. LIABILITY FOR UNMETERED SERVICE AND UNBILLED CHARGES.

When the Customer receives service that has not been metered or has not been charged due to a billing error or otherwise, NAED may issue a make-up bill for the unbilled charges. The charges will be based on the actual use (if available) or estimated use (if actual meter readings are not available), at the applicable rate(s) for service during the period of unmetered or unbilled use.

- G. ADDITIONAL FEES AND CHARGES. Customer may be subject to additional fees and charges as set forth in the applicable rate schedule or fee schedule attached hereto as Attachment "A."

## VIII. SUSPENSION OR TERMINATION OF SERVICE

### A. SUSPENSION OF SERVICE FOR REPAIRS AND EMERGENCIES.

1. NAED reserves the right to suspend service at any time for the purposes of making repairs, replacements or changes to NAED's equipment or facilities, whether on or off the Customer's premises.
2. NAED also may suspend service at any time, in its judgment, to protect the safety of its workers or the public or its property, or otherwise when NAED deems that an emergency exists.
3. However, nothing in this Section shall be deemed to require NAED to make any such repairs, replacements or changes, at times other than NAED's normal business hours. The Customer typically will be notified in advance to the extent practicable except in cases of emergency.

### B. NON-COMPLIANCE.

NAED shall have the right to suspend or discontinue service when the Customer fails to comply with or fails to perform any of the requirements or obligations of these Terms and Conditions or any applicable rate schedule or service agreement with NAED, including non-payment of charges when due, or if the equipment and apparatus of the Customer interferes with NAED's system or service to NAED's other Customers.

C. REASONS OF SAFETY OR FRAUD.

NAED may suspend or discontinue service without prior notice in the following situations:

1. Where the Customer's wiring or equipment is found to be in a dangerous or unsafe condition or for other reasons affecting the health or safety of the public or NAED's workers; and/or
2. If necessary to protect NAED from fraud or theft.

D. CAUSES BEYOND NAED'S CONTROL.

NAED may discontinue or suspend service and remove any NAED equipment which, in the opinion of NAED, may have become unsuitable by reason of deterioration, civil commotion, vandalism, state of war, explosions, fire, storm, flood, lightning, or any other causes beyond NAED's reasonable control.

E. AS PERMITTED BY DPU REGULATIONS.

NAED may discontinue service in accordance with or as permitted by the DPU's billing and termination regulations, 220 C.M.R. 25.00, *et seq.*

F. REMOVAL OF APPLIANCES.

NAED may remove its equipment, wiring and appliances upon termination or discontinuance of service. Such appliances, wiring and/or equipment shall not be restored except upon the filing and acceptance of a new application for service and payment of all outstanding charges and the costs of removal and restoration of service.

## **IX. LIMITATIONS ON LIABILITY AND DAMAGES AND EXCLUSIONS**

### **A. SERVICE QUALITY AND INTERRUPTIONS.**

1. While NAED endeavors to furnish adequate and reliable service, NAED does not guarantee continuous service or warrant that service will be free from interruptions or defects and disclaims any and all loss or liability resulting from its failure to provide service or its inability to maintain uninterrupted and continuous service to the extent allowed by law.

2. NAED shall not be responsible for any variation or diminution in service, abnormal voltage, or reversal of its service, except to the extent that such condition is caused solely by NAED's gross negligence or willful misconduct. In no event shall NAED be liable for any indirect, incidental or consequential losses or damages of any kind resulting therefrom.

3. NAED shall have no duty to regulate voltage and/or frequency beyond that required by the American National Standard for Electric Power Systems and Equipment, ANSI C84.1, and if the Customer requires regulation of voltage and/or frequency that is more refined, the Customer shall furnish, install, maintain and operate the necessary apparatus at his own expense.

4. The Customer acknowledges that when a part or parts of the interconnected generation, transmission or distribution systems may be threatened by a condition which may affect the integrity of the supply of electric service, or when a condition of actual or threatened shortage of available energy supplies and resources shall exist, NAED may, in its sole judgment, curtail, allocate, or interrupt such service to the Customer.

### **B. USE OF ELECTRICITY OR PRESENCE OF APPLIANCES.**

1. NAED shall not be liable for injuries or damage to the person or property of the Customer or any other persons resulting from the use of electricity or the presence of NAED's appliances and equipment on the Customer's premises.

2. Neither by inspection nor non-rejection does NAED in any way give any warranty, express or implied, as to the adequacy, safety or other characteristics of any equipment, wiring or devices, installed on the Customer's premises.

3. NAED shall not be liable for injuries or damages resulting in any way from the supplying or use of electricity or from the presence or operation of NAED's service, conductors, appurtenances or other equipment on the Customer's premises.

C. OTHER EVENTS.

Notwithstanding the foregoing limitations, NAED disclaims any and all liability for losses or damages due to any other causes beyond its immediate control, whether fire, explosion, flood, weather conditions, accidents, labor difficulties, conditions of fuel supply, the attitude of any public authority, reduction in voltage, rotational utilization of distribution feeders, scheduled black-outs, failure to receive electricity for which in any manner it has contracted, or due to the operation in accordance with good utility practice of an emergency load reduction program by NAED or one with whom it has contracted for the supply of electricity.



**File: Rates – tariff – Rate 1..., 9-18**  
**(JCM, 9-27-18)**

**(Approved BOELC, 8-30-18)**

**Rate 1 - Residential**

**Effective October 1, 2018**

**Applicable to:**

This rate is available for all domestic purposes in privately owned single or multiple unit dwellings, condominium common areas, and for churches and adjacent church owned buildings used for religious or residential purposes.

**Character of Service:**

120/240 volts, 3 wire, single phase  
120/208 volts, 3 wire, single phase  
208/120 volts, 3 wire, single phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	<b>\$ 10.30 / month</b>
<b>Distribution Charge:</b>	<b>\$ .05815 / kWh</b>
<b>Transmission Charge:</b>	<b>\$ .02450 / kWh</b>
<b>Generation Charge:</b>	<b>\$ .02387 / kWh</b>
<b>Energy Charge:</b>	<b>\$ .03966 / kWh</b>

**Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

**Farm Discount:**

Customers who are engaged in the business of agriculture or farming as defined by MGL Chapter 128 Section 1A at their service location are eligible for a discount.

The discount will be calculated at 10% of the retail Customer & Distribution charges, if applicable to the total service charge rendered to the customer each month.

Customers who meet the requirements for the Farm Discount must provide the Department with appropriate documentation of their eligibility for the discount.

275 Landry Avenue  
North Attleborough,  
Massachusetts 02760  
508.643.6300  
[www.naelectric.com](http://www.naelectric.com)

**Questions?** Call 508.643.6300

**File: Rates - tariff – Rate 5, 9-18  
(JCM, 9-27-18)**

**(Approved BOELC, 8-30-18)**

**Rate 5 – Residential (Low Income)**

**Effective October 1, 2018**

**Applicable to:**

This rate is available upon verification of income eligibility for the "Low income Home Energy Assistance Program", or its successor program, for which eligibility **does not exceed sixty (60%) percent of the federal poverty level** based upon a household's gross income.

Customers must renew their eligibility annually.

**Character of Service:**

120/240 volts, 3 wire, single phase

120/208 volts, 3 wire, single phase

208/120 volts, 3 wire, single phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	<b>\$ 6.54 / month</b>
<b>Distribution Charge:</b>	<b>\$ .03690 / kWh</b>
<b>Transmission Charge:</b>	<b>\$ .02450 / kWh</b>
<b>Generation Charge:</b>	<b>\$ .02387 / kWh</b>
<b>Energy Charge:</b>	<b>\$ .03966 / kWh</b>
<b>Supplier Services:</b>	_____
<b>Power Cost Adjustments:</b>	_____

**Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

**Farm Discount:**

Customers who are engaged in the business of agriculture or farming as defined by MGL Chapter 128 Section 1A at their service location are eligible for a discount.

The discount will be calculated at 10% of the retail Customer & Distribution charges, if applicable to the total service charge rendered to the customer each month.

Customers who meet the requirements for the Farm Discount must provide the Department with appropriate documentation of their eligibility for the discount.

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**Questions?** Call 508.643.6300

**File: Rates - tariff - Rate., 9-18  
(JCM, 9-27-18)**

**(Approved BOELC, 8-30-18)**

**Rate 6 - Small General Service**

**Effective October 1, 2018**

**Applicable to:**

Any commercial or industrial customer with an average monthly consumption of less than 10,000 kilowatt hours and an average monthly peak hourly usage of less than 40 kilowatts.

**Character of Service:**

120/240 volts, 3 wire, single phase  
120/208 volts, 3 wire, single phase  
208/120 volts, 4 wire, three phase  
480/277 volts, 4 wire, three phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	<b>\$ 20.00 / month</b>
<b>Distribution Charge:</b>	<b>\$ .04524 / kWh</b>
<b>Transmission Charge:</b>	<b>\$ .02450 / kWh</b>
<b>Generation Charge:</b>	<b>\$ .04336 / kWh</b>
<b>Energy Charge:</b>	<b>\$ .03966 / kWh</b>
<b>Supplier Services:</b>	<b>_____</b>
<b>Power Cost Adjustments:</b>	<b>_____</b>

**Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

**Farm Discount:**

Customers who are engaged in the business of agriculture or farming as defined by MGL Chapter 128 Section 1A at their service location are eligible for a discount.

The discount will be calculated at 10% of the retail Customer & Distribution charges, if applicable to the total service charge rendered to the customer each month.

Customers who meet the requirements for the Farm Discount must provide the Department with appropriate documentation of their eligibility for the discount.

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File: Rates - RATE 7..., 9-18  
JCM, 9-27-18

(APPROVED BOELC, 8-30-18)

**Rate 7 – Commercial Industrial - Large General Service**

**Effective October 1, 2018**

**Applicable to:**

Any commercial or industrial customer with an average monthly consumption equal to or greater than 10,000 kilowatt hours and an average monthly peak hourly usage equal to or greater than 40 kilowatts.

At the option of North Attleborough Electric Department, customers with a monthly peak hourly usage equal to or greater than 25 kilowatts may receive service under this rate.

**Character of Service:**

120/240 volts, 3 wire, single phase  
120/208 volts, 3 wire, single phase  
208/120 volts, 4 wire, three phase  
480/277 volts, 4 wire, three phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	<b>\$ 100.00 / month</b>
<b>Distribution Charge:</b>	<b>\$ .03964 / kWh</b>
<b>Transmission Charge:</b>	<b>\$ .02450 / kWh</b>
<b>Generation Charge:</b>	<b>-----</b>
<b>Energy Charge:</b>	<b>\$ .03966 / kWh</b>
<b>Capacity Charge*:</b>	<b>\$ 14.31 Kw / month</b>

*\*Where the kilowatts are the maximum amount measured in any 15 minute period during the month*

**Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

**Farm Discount:**

Customers who are engaged in the business of agriculture or farming as defined by MGL Chapter 128 Section 1A at their service location are eligible for a discount.

The discount will be calculated at 10% of the retail Customer & Distribution charges, if applicable to the total service charge rendered to the customer each month.

Customers who meet the requirements for the Farm Discount must provide the Department with appropriate documentation of their eligibility for the discount.

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File: Rates - tariff – Rate 11..., 9-18  
JCM, 9-27-18

(Approved BOELC, August 30, 2018)

**Rate 11 - Small Municipal General Service**

**Effective October 1, 2018**

**Applicable to:**

Town of North Attleborough facilities with an average monthly consumption of less than 10,000 kilowatt hours and an average monthly peak hourly usage of less than 40 kilowatts.

**Character of Service:**

120/240 volts, 3 wire, single phase  
120/208 volts, 3 wire, single phase  
208/120 volts, 4 wire, three phase  
480/277 volts, 4 wire, three phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	<b>\$ 20.00 / month</b>
<b>Distribution Charge:</b>	<b>\$ .028725 / kWh</b>
<b>Transmission Charge:</b>	<b>\$ .02450 / kWh</b>
<b>Generation Charge:</b>	<b>\$ .04336 / kWh</b>
<b>Energy Charge:</b>	<b>\$ .03966 / kWh</b>
<b>Supplier Services:</b>	<b>_____</b>
<b>Power Cost Adjustments:</b>	<b>_____</b>

**Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered.
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

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File: Rates - tariff – Rate 12., .. 9-18  
JCM, 9-27-18

Approved BOELC, 8-30-18

**Rate 12 - Large Municipal General Service**

Effective October 1, 2018

**Applicable to:**

Town of North Attleborough facilities with an average monthly consumption equal to or greater than 10,000 kilowatt hours and an average monthly peak hourly usage equal to or greater than 40 kilowatts.

At the option of North Attleborough Electric Department, customers with a monthly peak hourly usage equal to or greater than 25 kilowatts may receive service under this rate.

**Character of Service:**

208/120 volts, 4 wire, three phase  
480/277 volts, 4 wire, three phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	\$ 100.00 / month
<b>Distribution Charge:</b>	\$ .029159 / kWh
<b>Transmission Charge:</b>	\$ .02450 / kWh
<b>Generation Charge:</b>	-----
<b>Energy Charge:</b>	\$ .03966/ kWh
<b>Capacity Charge*:</b>	\$ 14.31 Kw / month

\*Where the kilowatts are the maximum amount measured in any 15 minute period during the month

**Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

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File: Rates - tariff – Rate 13., 9-18  
Jcm, 9-26-18

(Approved BOELC, 8-30-18)

**Rate 13 - Large Municipal General Service: Peak Hourly Usage**

**Effective October 1, 2018**

**Applicable to:**

Town of North Attleborough facilities with an average monthly consumption equal to or greater than 10,000 kilowatt hours and an average monthly peak hourly usage equal to or greater than 40 kilowatts. At the option of North Attleborough Electric Department, customers with a monthly peak hourly usage equal to or greater than 25 kilowatts may receive service under this rate and where the peak hourly usage is measured coincident with the monthly North Attleborough Electric Department's system peak.

**Character of Service:**

208/120 volts, 4 wire, three phase  
480/277 volts, 4 wire, three phase

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Customer Charge:</b>	<b>\$ 155.00 / month</b>
<b>Distribution Charge:</b>	<b>\$ .03301 / kWh</b>
<b>Transmission Charge:</b>	<b>\$ .02450 / kWh</b>
<b>Generation Charge*:</b>	-----
<b>Energy Charge:</b>	<b>\$.03966 / kWh</b>

**Capacity Charge\*:** **\$ 22.59 kW / month**

\*Where the kilowatts are the maximum amount measured during the period coincident with the monthly North Attleborough Electric Department's System Peak

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

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File: Rates - tariff – Rate 14.,  
Jcm, 9-27-18

(Approved BOELC, 8-30-18)

**Rate 14 - Municipal Street & Leased Lighting**

**Effective October 1, 2018**

**Applicable to:**

The Town of North Attleborough for outdoor lighting of public ways and land areas, including building exteriors and ornamental lighting, seasonal or otherwise.

**Character of Service:**

**A. Municipal Street Lights:** North Attleborough Electric Department will own, install, service, maintain and energize a vapor-type outdoor luminaire to be unmetered and connected directly to the distribution system of North Attleborough Electric Department.

**B. Leased Lighting:** Subject to an approved "Leased Light Rental Agreement" between the customer and the North Attleborough Electric Department (NAED), the North Attleborough Electric Department will own, install, service, maintain and energize an outdoor luminaire to be unmetered and connected directly to the distribution system of North Attleborough Electric Department.

**Rate Schedule:**

**MONTHLY CHARGES:**

**Transmission Charge:** \$ .024550 / kWh  
**Generation Charge:** \$ .023870 / kWh  
**Energy Charge:** \$ .039660 / kWh  
**Distribution Charge:** \$ .025900/kWh

**Street Lights**

<b>Fixture Type</b>	<b>Fixture Charge</b>
50 (22 LED)	\$ 3.48
150 (84 LED)	\$ 3.83
250 (136 LED) Cobra	\$ 4.77

### All Municipal Leased Lights

Fixture Type	Fixture Charge
50 (22 LED)	\$ 3.42
150 (84 LED)	\$ 3.77
250 (136 LED) Cobra	\$ 4.71
250 (150 LED) Flood	\$ 6.36
400 (297 LED) Flood	\$ 8.47
250 Watt Sodium	\$ 6.27
400 Watt Sodium	\$ 6.27

#### Monthly Minimum Charge (Fixture Charge):

The minimum charge per month shall be the Fixture Charge.

#### Terms and Conditions:

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.
- d) The customer shall be responsible for notifying North Attleborough Electric Department for outages, regardless of cause, and any damage or defect to the fixtures. North Attleborough Electric Department makes no warranties of continuous operation and shall not be liable to the customer or any third parties for damages or injuries caused in whole or in part from interruptions in service, whether due to interruptions in electric service or damaged or otherwise malfunctioning lighting fixtures or bulbs.

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**Questions?** Call 508.643.6300



**Approved BOELC, 8-30-18**  
**Rate 15 - Private Area Lighting**

**Effective October 1, 2018**

**Applicable to:**

Any customer, other than the Town of North Attleborough, for outdoor lighting service.

**Character of Service:**

Subject to an application and approval by "Lease Light Rental Agreement" between the customer and the North Attleborough Electric Department (NAED), the North Attleborough Electric Department will own, install, service, maintain and energize outdoor luminaire to be unmetereed and connected directly to the distribution system of North Attleborough Electric Department.

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Transmission Charge:</b>	<b>\$ .024550 / kWh</b>
<b>Generation Charge:</b>	<b>\$ .023870 / kWh</b>
<b>Energy Charge:</b>	<b>\$ .039660 / kWh</b>
<b>Distribution Charge:</b>	<b>\$ .058150 /kWh</b>

**Leased Lights (LL)**

<b>Fixture Type</b>	<b>Fixture Charge</b>
50 (22 LED)	\$ 4.50
150 (84 LED)	\$ 4.96
250 (136 LED) Cobra	\$ 6.20
250 (150 LED) Flood	\$ 8.37
400 (297 LED) Flood	\$ 11.14
250 Watt Sodium	\$ 8.24
400 Watt Sodium	\$ 8.24

**Monthly Minimum Charge (Fixture Charge):**

The minimum charge per month shall be the Fixture Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.
- d) The customer shall be responsible for notifying North Attleborough Electric Department for outages, regardless of cause, and any damage or defect to the fixtures. North Attleborough Electric Department makes no warranties of continuous operation and shall not be liable to the customer or any third parties for damages or injuries caused in whole or in part from interruptions in service, whether due to interruptions in electric service or damaged or otherwise malfunctioning lighting fixtures or bulbs.

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**Approved BOELC, 10-30-18**  
**Rate 16 - Area Lighting Leased Lighting - Metered Lighting**

Any customer, including the Town of North Attleborough, for outdoor metered lighting service.

**Character of Service:**

Subject to an approved "Lease Light Rental Agreement" between the customer and the North Attleborough Electric Department (NAED) the North Attleborough Electric Department will own, install, service, maintain and energize an outdoor luminaire to be metered and connected directly to the distribution system of North Attleborough Electric Department.

**Rate Schedule:**

**MONTHLY CHARGES:**

<b>Transmission Charge:</b>	<b>Based upon the Customer's Rate Classification</b>
<b>Generation Charge:</b>	<b>Based upon the Customer's Rate Classification</b>
<b>Energy Charge:</b>	<b>Based upon the Customer's Rate Classification</b>
<b>Distribution Charge:</b>	<b>Based upon the Customer's Rate Classification</b>

**All Municipal Leased Lights**

<b>Fixture Type</b>	<b>Fixture Charge</b>
50 (22 LED)	\$ 3.42
150 (84 LED)	\$ 3.77
250 (136 LED) Cobra	\$ 4.71
250 (150 LED) Flood	\$ 6.36
400 (297 LED) Flood	\$ 8.47
250 Watt Sodium	\$ 6.27
400 Watt Sodium	\$ 6.27

**Leased Lights (LL)**

<b>Fixture Type</b>	<b>Fixture Charge</b>
50 (22 LED)	\$ 4.50
150 (84 LED)	\$ 4.96
250 (136 LED) Cobra	\$ 6.20
250 (150 LED) Flood	\$ 8.37
400 (297 LED) Flood	\$ 11.14
250 Watt Sodium	\$ 8.24
400 Watt Sodium	\$ 8.24

**Monthly Minimum Charge (Fixture Charge):**

The minimum charge per month shall be the Fixture Charge.

**Terms and Conditions:**

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.
- d) The customer shall be responsible for notifying North Attleborough Electric Department for outages, regardless of cause, and any damage or defect to the fixtures. North Attleborough Electric Department makes no warranties of continuous operation and shall not be liable to the customer or any third parties for damages or injuries caused in whole or in part from interruptions in service, whether due to interruptions in electric service or damaged or otherwise malfunctioning lighting fixtures or bulbs.

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**File: Rates - tariff – PCA, Power., 9-18  
Jcm, 9-27-18**

### **Purchased Cost Adjustment (PCA)**

The Department will calculate a charge or credit, the Purchased Cost Adjustment (“PCA”) to be applied to all kilowatt-hours sold under rate schedules subject to this Purchased Power Adjustment.

This charge or credit will adjust the revenues collected under the Energy Charge, Generation Charge and Transmission Charge from all customers to be equal to the expenses charged to Accounts 555, 557 and 565, excluding the cost of power from the New York Power Authority and the kilowatt-hours of such power received.

The over-collection or under-collection of such purchased power and transmission charges will be reviewed periodically and the PCA will be adjusted as necessary.

#### **Terms and Conditions:**

- a) The Department’s General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department’s General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.

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