The Commonwealth of Massachusetts

Return

of the

Electric Department of

The Town of North Attleborough, Massachusetts

to

The Commonwealth of Massachusetts

Department of Telecommunications & Energy

For the Year Ended December 31,

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

No. Attleborough, MA 02760-3501

Form AC-11

GENERAL INFORMATION

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

2. If the tw (or city has acquired a plant,
   Kind of plant, whether gas or electric,
   Owner from whom purchased, if so acquired.
   Date of votes to acquire a plant in accordance wth 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 Hoppin Hill, North Attleboro, MA 02760
   Michael Lennox, 55 Hoyle Drive North Attleboro, MA 02760
   Patrick Reynolds, 14 Stonehill Road, North Attleboro, MA 02760
   Keith LaPointe, 28 John J Grimaldi North Attleboro, MA 02760
   Patrick Sullivan, 383 Ellis Rd, North Attleboro, MA 0276

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

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

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

8. Total valuation of estates in town (or city) according to last State Valuation:		$3,968,994,290.00
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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FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT.

	Amount
INCOME FROM PRIVATE CONSUMERS	
From sales of gas	
From sales of electricity	$33,875,389.35
From rate stabilization fund	
TOTAL	$33,875,389.35
EXPENSES:	
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	
TOTAL	$33,392,737.64
COST:	
Of gas to be used for municipal buildings	
Of gas to be used for street lights	
Of electricity to be used for municipal buildings	$1,956,811.00
Of electricity to be used for street lights	$113,720.24
Total of above items to be included in the tax levy	$2,070,531.24
New construction to be included in the tax levy	
Total amount to be included in the tax levy:	$2,070,531.24

CUSTOMERS

Names of cities or town in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities and towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters, Dec 31st.	City or Town	Number of Customers' Meters, Dec 31st.
		North Attleborough	13,440.00
Total			

APPRPRIATIONS SINCE BEGINNING OF YEAR
(Include also all items charge direct to tax levey, even where no appropriation is made or required)

			Amount
FOR CONSTRUCTION OR PURCHASE OF PLANT:			
*At	meeting	, to be paid from	
*At	meeting	, to be paid from	
Total			
FOR THE ESTIMATED COST OF GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:			
1. Street Lights			$113,720.24
2. Municipal Buildings			$1,956,811.00
3.			
Total			$2,070,531.24

Date of meeting and whether regular or special. Here insert bonds, notes or tax levy.

CHANGES IN PROPERTY

1. Describe briefly all the important physcal chanes in the property during the last fiscal period including additions, alterations or improvments to the works or physical property retired.

In electric property

Several 1 phase pole line reconstruction/upgrades of existing lines
Several 3/0 overhead reconstructions of existing plant
Several 3/0 URD reconstructions of existing plant
3/0 and 1/0 overhead and underground subdivisions
Upgrade of Substation Switchgear and transformers

The North Attleborough Electric Department

BONDS
(Issued on Account of Gas or Electric Lighting)

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding at end of Year
			Amounts	When Payable	Rate	When Payable	
March 13, 1893 R	Jan. 1, 1894	$50,000					
March 17, 1958 R	May 1, 1958	$150,000					
March 27, 1967 R	Nov. 15, 1968	$800,000					
Dec. 1, 1975 S	April 1, 1976	$960,000					
Oct. 20, 1980 R	Dec. 15, 1982	$500,000					
April 3, 1989 R	May 15, 1990	$4,000,000					
April 1998 R	Mar 15, 1999	$4,000,000					
May 19, 2003 R	Aug 15, 2003	$1,200,000	$60,000	Annually	3.00 - 5.0%	Semi-Annually	$300,000
	Total	$11,660,000				Total	$300,000

The bonds and notes outstanding at end of year should agree with the Balance Sheet. When bonds and notes are repaid report the first three columns only.
Date of meeting and whether regular or special. List original issue of bonds and notes including those that have been retired.

The North Attleborough Electric Department

TOWN NOTES
(Issued on Account of Gas or Electric Lighting)

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding at end of Year
			Amounts	When Payable	Rate	When Payable	
March 13, 1899 R	July 1, 1899	$13,900					$0
March 11, 1902 R	July 1, 1902	$3,000					$0
March 19, 1906 R	May 1, 1906	$35,000					$0
Nov. 6, 1906 R	June 30, 1907	$4,000					$0
March 18, 1907 R	June 30, 1907	$2,000					$0
Oct. 20, 1980 R	Oct. 23, 1981	$500,000					$0
	Total	$557,900				Total	$0

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.

TOTAL COST OF PLANT - ELECTRIC

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

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

TOTAL COST OF PLANT - ELECTRIC

Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
4. DISTRIBUTION PLANT						
360 Land & Land Rights	99,623.22					99,623.22
361 Structures & Improvements	1,650,106.40	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
Total Distribution Plant	**33,832,245.11**	**5,829,974.21**	**(704,502.47)**			**38,957,716.85**
5. GENERAL PLANT						
389 Land & Land Rights						
390 Structures & Improvements	4,498,717.17	21,036.44				4,519,753.61
391 Office Furniture & Equipment	2,054,939.96	88,945.77				2,143,885.73
392 Transportation Equipment	1,890,443.83	37,212.45				1,927,656.28
393 Stores Equipment						
394 Tools, Shop & Garage Equipment	71,036.87	47,863.11				118,899.98
395 Laboratory Equipment	152,798.57					152,798.57
396 Power Operated Equipment	83,295.00	2,185.00				85,480.00
397 Communication Equipment	1,727,882.09	40,941.15				1,768,823.24
398 Miscellaneous Equipment	392,805.54	5,178.65				397,984.19
399 Other Tangible Property						
Total General Plant	**10,871,919.03**	**243,362.57**				**11,115,281.60**
Total Electric Plant in Service	**44,704,164.14**	**6,073,336.78**	**(704,502.47)**			**50,072,998.45**
Less Cost of Land, Land Rights, Right of Way						**99,623.22**
Total Cost upon which Depreciation is based						**49,973,375.23**

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
UTILITY PLANT			
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			
Total Utility Plant	**13,794,460.02**	**14,858,334.10**	**1,063,874.08**
FUND ACCOUNTS			
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
Total Funds	**34,204,762.77**	**33,878,103.68**	**(326,659.09)**
CURRET AND ACCRUED ASSETS			
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	896,906.45	4,478.12
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)
Total Current and Accrued Assets	**22,204,753.20**	**19,054,726.92**	**(3,150,026.28)**
DEFERRED DEBITS			
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	1,086,881.00	(321,004.00)
Total Deferred Debits	**1,411,885.76**	**1,086,881.00**	**(325,004.76)**
Total Assets and Other Debits	**71,615,861.75**	**68,878,045.70**	**(2,737,816.05)**

'edits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	**APPROPRIATIONS**			
2	201 Appropriations for Construction			$0
3	**SURPLUS**			
4	205 Sinking Fund Reserves			$0
5	206 Loans Repayments	$0	$0	$0
6	207 Appropriations for Construction Repayments	$0	$0	$0
7	208 Unappropriated Earned Surplus (P.12)	$4,502,666	$3,078,210	($1,424,455)
8	215 Restricted Surplus	$48,094,904	$ 48,436,437.78	$341,534
9	**Total Surplus**	**$52,597,569**	**$51,514,648**	**($1,082,921)**
10	**LONG TERM DEBT**			
11	221 Bonds (P.6)	$360,000	$300,000	($60,000)
12	231 Notes Payable (P.7)			$0
13	**Total Bonds and Notes**	**$360,000**	**$300,000**	**($60,000)**
14	**CURRENT AND ACCRUED LIABILITIES**			
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	**Total Current and Accrued Liabilities**	**$4,521,122**	**$3,947,874**	**($573,248)**
22	**DEFERRED CREDITS**			
23	250 Deferred Inflows related to Pension and Benefits	$424,678	$1,682,089	$1,257,411
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	**Total Deferred Credits**	**$2,832,212**	**$3,045,355**	**$213,143**
28	**RESERVES**			
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	$1,458,801	($1,512,866)
33	265 Miscellaneous Operating Reserves			$0
34	**Total Reserves**	**$11,304,959**	**$10,070,170**	**($1,234,789)**
35	**CONTRIBUTIONS IN AID OF**			
36	**CONSTRUCTION**			
37	271 Contributions in Aid of Construction		$0	$0
38	**Total Liabilities and Other Credits**	**$71,615,862**	**$68,878,046**	**($2,737,816)**

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

STATEMENT OF INCOME FOR THE YEAR

Account	*Current Year*	*Preceding Year*	Increase or (Decrease) from
OPERATING INCOME			
400 Operating Revenues (P.37 and 43)	$33,431,965.82	$30,488,046.91	$2,943,918.91
Operating Expenses:			
401 Operation Expense (P.42 & 47)	27,096,419.13	23,542,696.68	3,553,722.45
402 Maintenance Expense (P.42 & 47)	1,507,229.88	1,467,949.91	39,279.97
403 Depreciation Expense	2,230,226.82	2,220,016.30	10,210.52
407 Amortization of Property Losses			
408 Taxes (p.49)			
Total Operating Expenses	**30,833,875.83**	**27,230,662.89**	**3,603,212.94**
Operating Income	**2,598,089.99**	**3,257,384.02**	**(659,294.03)**
414 Other Utility Operating Income (P.50)	53,728.11	64,644.78	(10,916.67)
Total Operating Income	**2,651,818.10**	**3,322,028.80**	**(670,210.70)**
OTHER INCOME			
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)
Total Other Income	**1,094,976.11**	**621,515.31**	**473,460.80**
Total Income	**3,746,794.21**	**3,943,544.11**	**(196,749.90)**
MISCELLANEOUS INCOME DEDUCTIONS			
425 Miscellaneous Amortization			
426 Other Income Deductions	(681,062.91)	104,064.65	(785,127.56)
Total Income Deductions	**(681,062.91)**	**104,064.65**	**(785,127.56)**
Income before Interest Charges	**3,065,731.30**	**4,047,608.76**	**(981,877.46)**
INTEREST CHARGES			
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 Amortizatin of Premium on Debt/Credit			
431 Other Interest Expense	12,975.15	5,948.63	7,026.52
432 Interest Charged to Construction - Credit			
Total Interest Charges	**33,700.91**	**35,253.69**	**(1,552.78)**
Net Income	**3,032,030.39**	**4,012,355.07**	**(980,324.68)**

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		$3,032,030.39
38	434 Miscellaneous Credits to Surplus		$3,325,727.71
39	435 Miscellaneous Debits to Surplus	$4,118,941.94	
40	436 Appropriations of Surplus (P.21)	$300,000.00	
41	437 Surplus Applied to Depreciation		
42	439 Adjustments to retained earnings	$3,363,271.38	
43	208 Unappropriated Earned Surplus (at end of period)		$ 3,078,210.29
44			
45	TOTALS		

CASH BALANCES AT END OF YEAR (Account 131)

Items	Amount
Operation Fund	$11,313,631.13
Interest Fund	
Bond Fund	
Construction Fund	
Total	11,313,631.13

MATERIALS & SUPPLIES (Accounts 151 - 159, 163)
Summary per Balance Sheet

Account Electric	
Fuel (Account 151) (See Schedule, Page 25)	
Fuel Stock Expenses (Account 152)	
Residuals (Account 153)	
Plant Materials & Operating Supplies (Account 154)	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)	
Total	896,906.45

DEPRECIATION FUND ACCOUNT (Account 126)

Items	Amount
DEBITS	
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	
Total Debits	2,962,965.73
CREDITS	
Amount expended for construction purposes	3,325,727.71
Amount expended for renewals	
Capital Improvements	
Principal Payments	
Power Credit Transfer to Operating Fund	
Total Credits	3,325,727.71
Balance of account at end of year	32,026,931.17

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 itms should be included in column (c). 3. Credit adjustments of plant accounts should be enclosed in parenthesis indicate the negative effect of such amounts. 4. Reclassification or transfers within utility plant accounts should be shown in column (f).

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

UTILITY PLANT - ELECTRIC

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

UTILITY PLANT - ELECTRIC

Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation Credits (d)	Other Adjustments Transfers (e)	Balance End of Year (f)	(g)
4. DISTRIBUTION PLANT						
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
Total Distribution Plant	**$9,035,599.16**	**$5,829,974.21**	**($1,736,256.00)**			**$13,129,317.37**
5. GENERAL PLANT						
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						
Total General Plant	**$1,929,882.48**	**$243,362.57**	**($493,970.82)**			**$1,679,274.23**
Total Utility Plant Electric	**$10,965,481.64**	**$6,073,336.78**	**($2,230,226.82)**			**$14,808,591.60**

The North Attleborough Electric Department

MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1	Gain/Loss on Property	($11,493.03)
2	Oher	$300.00
3		
4		
5		
6	TOTAL	($11,193.03)

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		
17		
18		
19		
20		
21		
22		
23	TOTAL	$3,325,727.71

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24	Transfer to Depreciation	$2,105,918.08
25	Transfer to Rate Stabilization	$857,047.65
26	Transfer to Insurance Fund	$36,102.89
16	Change in Investment of Capital Assets, net of related debt	$1,119,873.32
28		
29		
30		
31		
32	TOTAL	$4,118,941.94

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 Levey	$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	$3,363,271.38
43		
44		
45		
46		
47		
48	TOTAL	$3,363,271.38

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 inconsisencies.
3. Number of customers should be reported on the basisof number of meters, plus number of flat rate accounts, except that where seperate 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 residental service classification includes customers counted more than once because ofspecial 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 deman. See account 442 of the Uniform System of Accounts. Explain basis of explanation.

	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Amount for Year (f)	Increase or (Decrease) from Preceding Year (g)
SALES OF ELECTRICITY						
440 Residential Sales	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	410,994	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				
Total Sales to Ultimate Consumers	33,398,962	3,062,646	227,866,987	9,078,682	13,415	82
447 Sales for Resale						
Total Sales of Electricity	33,398,962	3,062,646	227,866,987	9,078,682	13,415	82
OTHER OPERATING REVENUES						
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						
Total Other Operating Revenues	33,005	(118,727)				
Total Electric Operating Revenues	33,431,967	2,943,919	227,866,987	9,078,682	13,415	82

Includes revenues from application of fuel clauses

Total KWH to which applied

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account the K.W.H. sold, the amount derived and the number of customers under each filed schedule. or contract. Municipal sales, contract sales and unbilled sales may be reported seperately in total.

Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue Per KWH Cents (0.0000) (d)	Number of Customers (Per Bills Rendered) July 31 (e)	Dec 31 (f)
440.	Residential A 1	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 Cl 6	19,165,001.00	3,153,604.16	16.46	985	985
442.	Commercial/Industrial Cl 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)
POWER PRODUCTION EXPENSES		
STEAM POWER GENERATION		
Operation:		
500 Operation supervision and engineering		
501 Fuel		
502 Steam expenses		
503 Steam from other sources		
504 Steam transferred - Cr.		
505 Electric expenses		
506 Miscellaneous steam power expenses		
507 Rents		
Total operation		
Maintenance:		
510 Maintenance supervision and engineering		
511 Maintenance of structures		
512 Maintenance of boiler plant		
513 Maintenance of electric plant		
514 Maintenance of miscellaneous steam plant		
Total maintenance		
Total power production expenses - steam power		
NUCLEAR POWER GENERATION		
Operation:		
517 Operation supervision and engineering		
518 Fuel		
519 Coolants and water		
520 Steam expenses		
521 Steam from other sources		
522 Steam transferred - Cr.		
523 Electric expenses		
524 Miscellaneous nuclear power expenses		
525 Rents		
Total operation		
Maintenance:		
528 Maintenance supervision and engineering		
529 Maintenance of structures		
530 Maintenance of reactor plant equipment		
531 Maintenance of electric plant		
532 Maintenance of miscellaneous nuclear plant		
Total maintenance		
Total power production expenses - nuclear power		
HYDRAULIC POWER GENERATION		
Operation:		
535 Operation supervision and engineering		
536 Water for power		
537 Hydraulic expenses		
538 Electric expenses		
539 Miscellaneous hydraulic power generation expenses		
540 Rents		
Total operation		

ELECTRIC OPERATION AND MAINTENANCE EXPENSES		
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
HYDRAULIC POWER GENERATION - continued		
Maintenance:		
541 Maintenance supervision and engineering		
542 Maintenance of structures		
543 Maintenance of Reservoirs, dams & waterways		
544 Maintenance of Electric Plant		
545 Maintenance of miscellaneous hydrualic plant		
Total maintenance		
Total power production expenses - hydraulic power		
OTHER POWER GENERATION		
Operation:		
546 Operation supervision and engineering		
547 Fuel		
548 Generation Expense		
549 Miscellaneous other power generation expenses		
550 Rents		
Total operation		
Maintenance:		
551 Maintenance supervision and engineering		
552 Maintenance of structures		
553 Maintenance of generating & electric plant		
554 Maintenance of miscellaneous other power generation plant		
Total maintenance		
Total power production expenses - other power		
OTHER POWER SUPPLY EXPENSES		
555 Purchased Power	17,647,032.65	4,486,762.19
556 System control & load dispatching		
557 Other expenses	473,413.28	21,014.69
Total other power supply expenses	**18,120,445.93**	**4,507,776.88**
Total power production expenses	**18,120,445.93**	**4,507,776.88**
TRANSMISSION EXPENSES		
Operation:		
560 Operation supervision and engineering		
561 Load dispatching		
562 Station expenses		
563 Overhead line expenses		
564 Underground line expenses		
565 Transmission of electricity by others	4,570,845.79	(66,612.41)
566 Miscellaneous transmission expenses		
567 Rents		
Total operation	**4,570,845.79**	**(66,612.41)**
Maintenance:		
568 Maintenance supervision and engineering		
569 Maintenance of structures		
570 Maintenance of station equipment		
571 Maintenance of overhead lines		
572 Maintenance of underground lines		
573 Maintenance of miscellaneous transmission plant		
Total maintenance		
Total transmission expenses	**4,570,845.79**	**(66,612.41)**

ELECTRIC OPERATION AND MAINTENANCE EXPENSES		
Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
DISTRIBUTION EXPENSES		
Operation:		
580 Operation supervision and engineering	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		
Total operation	**1,405,988.31**	**46,060.26**
Maintenance:		
590 Maintenance supervision and engineering		
591 Maintenance of structures	9,799.99	7,898.38
592 Maintenance of station equipment	92,398.58	(191,880.69)
593 Maintenance of overhead lines	728,445.01	197,001.16
594 Maintenance of underground lines	11,866.41	(13,287.62)
595 Maintenance of line transformers	75,619.52	40,056.70
596 Maintenance of street lighting & signal systems	6,504.93	(19,334.58)
597 Maintenance of meters	1,220.00	(101.19)
598 Maintenance of miscellaneous distribution plant	1,455.00	1,455.00
Total maintenance	**927,309.44**	**21,807.16**
Total distribution expenses	**2,333,297.75**	**67,867.42**
CUSTOMER ACCOUNTS EXPENSES		
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		
Total customer accounts expenses	**683,830.65**	**(32,426.54)**
SALES EXPENSES		
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		
Total sales expenses	**192,339.54**	**(20,752.62)**
ADMINISTRATIVE & GENERAL EXPENSES		
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	618,629.70	(946,010.39)
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
Total operations	**2,122,968.91**	**(880,323.12)**

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
ADMINISTRATIVE & GENERAL EXPENSES - continued		
Maintenance:		
933 Transportation Expenses	140,692.07	8,051.05
935 Maintenance of general plant	439,228.37	9,421.76
Total maintenance	**579,920.44**	**17,472.81**
Total administrative & general expenses	**2,702,889.35**	**(862,850.31)**
Total Electric Operation & Maintenance Expenses	**28,603,649.01**	**3,593,002.42**

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	
Total Power Production Expenses	18,120,445.93	
Transmission Expenses	4,570,845.79	
Distribution Expenses	1,405,988.31	927,309.44
Customer Accounts Expenses	683,830.65	
Sales Expenses	192,339.54	
Administrative & General Expenses	2,122,968.91	579,920.44
Total Electric Operations & Maintenance Expenses	27,096,419.13	1,507,229.88

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 Exenses (page 42, line 22 (d), depreciation (acct 403) and amortization (acct. 407).	92.23
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

The North Attleborough Electric Department

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										
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19										
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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					
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39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	Totals	$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	**Revenues:**				
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	**Total Revenues**	**$494,368**	**$0**	**$0**	**$494,368**
11					
12					
13	**Costs and Expenses:**				
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	**Sales expenses:**	$0			$0
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	**Total Costs & Expenses**	$ 126,950.19			$126,950
51	**Net Profit (or Loss)**	$367,418	$0	$0	$367,418

Annual Report of: Year ended December 31, 2018

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 Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities.
For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "X" in column (c) if purchases involves import across a state line.
3. Report seperately 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) CONTRACT DEMAND (F)	AVERAGE MONTHLY MAX. DEMAND (G)	ANNUAL MAX. DEMAND (H)	TYPE OF DEMAND READING (I)	VOLTAGE AT WHICH (J)	KILOWATT HOURS (K)	COST OF ENERGY (OMIT CENTS) CAPACITY CHARGES (L)	ENERGY CHARGES (M)	OTHER (N) **	TOTAL (O)	COST PER KWH (CENTS) (6.0000) (P)
Nonassociated Utilites															
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													$20,947	$20,947	$0.0000
NATIONAL GRID-HYDRO QUEBEC 2	0	X	No. Attleborough					60	115					$0	$0.0000
NATIONAL GRID-REMVEC 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	$0.1872
Other Public Authorities															
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	$83,191	$215,075	$364,643	$0.0301
ENE - MILLER HYDRO.			No. Attleborough					60	115	6,558,402		$316,029		$316,029	$0.0482
ENE - SPRUCE MOUNTAIN			No. Attleborough							6,944,392		$657,069		$657,069	$0.0946
MMWEC - STONYBROOK (PEAKER)	0		No. Attleborough		10,170			60	115	395,939	$167,395	$77,016	$8,950	$253,364	$0.6399
MMWEC - STONYBROOK CC(INTER)	0		No. Attleborough		11,071			60	115	3,340,185	$427,704	$267,001	$10,877	$705,582	$0.2112
MMWEC - MIX 1 - SEABROOK	0	X	No. Attleborough		74			60	115	681,114	$16,897	$3,952	$43	$20,892	$0.0307
MMWEC - MIX 1 - MILLSTONE 3	0	X	No. Attleborough		758			60	115	7,156,352	$227,589	$45,845	$4,648	$278,082	$0.0389
MMWEC - PROJ. 3 - MILLSTONE 3	0	X	No. Attleborough		1,239			60	115	11,564,103	$371,436	$73,760	$7,865	$453,061	$0.0392
MMWEC - PROJ. 4, 5 & 6 (SEABROOK)	0	X	No. Attleborough		4,269			60	115	37,356,682	$1,089,056	$216,757	$2,367	$1,308,180	$0.0350
MMWEC - WYMAN	0	X	No. Attleborough		1,032			60	115	220,660	$31,050	$21,841	$847	$53,738	$0.2435
TAUNTON MUNICIPAL - CLEARY 9	0		No. Attleborough		10,000			60	115	6,792,666	$1,118,511	$364,739		$1,483,250	$0.2184
TOWN OF BRAINTREE - POTTER 2	0		No. Attleborough		4,922			60	115	396,161.00	$296,166	$28,784		$324,950	$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										28,200,000	($180,035)	$1,519,755		$1,339,720	$0.0459
NORTHEAST UTILITY SYSTEM													$5,034	$5,034	$0.0000
SADDLEBACK RIDGE										6,365,976		$560,495		$560,495	$0.0880
CANTON MOUNTAIN										4,720,234		$451,245		$451,245	$0.0955
ISO OATT			No. Attleborough					60	115				$4,585,708	$4,585,708	N/A
															N/A
Totals										133,861,525	$3,609,093	$4,678,293	$4,778,759	$13,066,145	0.097609

** Includes transmission and administrative chrages.

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 seperately, 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 Received (e)	Kilowatt Hours Delivered (f)	Kilowatt Hours Net Difference (g)	Amount of Settlement (h)
1	ISO NE		North Attleborough	115KV	233,927,076	133,813,036	100,114,040	9,625,147.00
2								0
3								0
4								0
5								0
6								0
7								0
8								0
9								0
10								0
11								0
12	TOTALS				233,927,076	133,813,036	100,114,040	$9,625,147.00

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	TOTALS		9,625,147.00

The North Attleborough Electric Department

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)			Kilowatt-hours (b)
1	**SOURCES OF ENERGY**			
2	Generation (excluding station use):			
3	Steam	Gas Turbine Combined Cycle		0
4	Nuclear			
5	Hydro			
6	Other	Diesel		
7	Total generation			0
8	Purchases			133,861,525
9		{ In (gross)	233,927,076	
10	Interchanges	{ Out (gross)	133,813,036	
11		{ Net (Kwh)		100,114,040
12		{ Received		
13	Transmission for/by others (V	{ Delivered		
14		{ Net (kwh)		
15	**TOTAL**			233,975,565
16	**DISPOSITION OF ENERGY**			
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	(48,493)		
24	Distribution losses	6,157,071		
25	Unaccounted for losses			
26	Total energy losses			6,108,578
27	Energy losses as percent of total on line 15	2.61%		
28			**TOTAL**	233,975,565

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in killowatt-hours) for the combined sources of electric energy of respondent.
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 breif explanation as to the nature of the emergency.
3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.)
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.
5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

	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	24,088,448
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						TOTAL	233,927,072

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below

Line No.	Designation From (a)	Designation To (b)	Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles) On Structures of Line Designated (e)	Length (Pole Miles) On Structures of Another Line (f)	Number of Circuits (g)	Size of Conductor and Material (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
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41								
42								
43								
44								
45								
46								
47				TOTALS	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 Primary (c)	Voltage Secondary (d)	Voltage Tertiary (e)	Capacity of Substation in KVA (in service) (f)	Number of Transformers (in service) (g)	Number of Spare Transformers (h)	Conversion Apparatus & Special Equipment 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											
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26											
27											
28											
29											
30											
31											
32					TOTALS	151000	3	0			

The North Attleborough Electric Department

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	150.30		150.30
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles - End of Year	150.30	0.00	150.30
5				
6				
7				
8	Distribution System Characteristics - A.C. or D.C., phase, cycles & operating voltages for Light & Power.			
9				
10	Lights - A.C., 1/0, 60 HZ, 8000 or 2400 to 120/240 volts.			
11	Power - A.C.. 3/0, 60 HZ, 13800 or 4160 to 480/277, 240, 208 volts.			
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers Number	Line Transformers Total Capacity (KVA)
16	Number at beginning of year	8,575	14,008	2,286	162,104.0
17	Additions during year:				
18	Purchased	132	0	8	1400
19	Adjustment		(5)	2	(1,175.0)
20	Associated with utility plant acquired				
21	Total additions	132	(5)	10	225
22	Reductions during year:				
23	Retirements		144		
24	Associated with utility plant sold		0		
25	Total reductions	0	144	0	
26	Number at End of Year	8,707	13,859	2,296	162,329.0
27	In stock		376	321	24,166.0
28	Locked meters on customers' premises		31		
29	Inactive transformers on system				
30	In customers' use		13,409	1,972	137,638
31	In company's use		43	3	525.0
32	Number at End of Year		13,859	2,296	162,329.0
			0	0	0.0

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)

Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

Line No.	Designation of Underground Distribution System (a)	Miles of Conduit Bank (All Sizes & Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	New Circuit E 11 Construction		2.55	13.8		
2						
3	E 3 Circuit Conversion		0.36	13.8		
4						
5	I-295 Crossing 5 Streets	.47	0.474	13.8		
6	Landry Ave.					
7	(Substation to riser poles 8-Way Duct,					
8	2-Banks)	1.44	16	13.8		
9						
10	Rt. 1 (295 to Town Line)	2.22	3.626	13.8		
11						
12	Allen Ave.	1	2	13.8		
13						
14	Misc. Duct Banks	12.5	24	13.8		
15	Snowmass	0.2053	0.2053	13.8		
16	Riordan Way	0.1038	0.1038	13.8		
17	Circle Cout 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	Porcelaine 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 Chryler		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	TOTALS	17.5962	59.5015			

*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 Municipal (c)	Incandescent Other (d)	Mercury Vapor Municipal (e)	Mercury Vapor Other (f)	Fluorescent Municipal (g)	Fluorescent Other (h)	LED Municipal (i)	LED Other (j)
1	North Attleborough	1965							1965	
2										
3										
4										
5										
6										
7										
8										
9										
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50										
51										
52	TOTALS	1965	0	0	0	0	0	0	1965	0

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,

_____ Manager of Electric Light

Selectmen or Members of the Municipal Light Board

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

Then personally appeared _____

_____

_____

_____

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

_____ Notary Public or Justice of the Peace.