The Commonwealth of Massachusetts

RETURN

OF THE

MANSFIELD MUNICIPAL ELECTRIC DEPARTMENT

TOWN OF MANSFIELD

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2016

Name of Officer to whom correspondence should be addressed regarding this report :

Joseph Sollecito

Official Title: Director

Office Address: **125 High Street**
Mansfield, MA 02048

Form Ac19

TABLE OF CONTENTS

General Information	3
Schedule of Estimates	4
Customers in each City or Town	4
Appropriations Since Beginning of Year	5
Changes in the Property	5
Bonds	6
Town Notes	7
Cost of Plant	8-9
Comparative Balance Sheet	10-11
Income Statement	12-13
Earned Surplus	12
Cash Balances	14
Materials and Supplies	14
Depreciation Fund Account	14
Utility Plant - Electric	15-17
Production of Fuel and Oil Stocks	18
Miscellaneous Non-operating Income	21
Other Income Deductions	21
Miscellaneous Credits to Surplus	21
Miscellaneous Debits to Surplus	21
Appropriations of Surplus	21
Municipal Revenues	22
Purchased Power	22
Sales for Resale	22
Electric Operating Revenues	37
Sales of Electricity to Ultimate Consumers	38
Electric Operation and Maintenance Expenses	39-42
Taxes Charged During Year	49
Other Utility Operating Income	50
Income from Merchandising, Jobbing and Contract Work	51
Electric Energy Account	57
Monthly Peaks and Output	57
Generating Station Statistics	58-59
Steam Generating Stations	60-61
Hydroelectric Generating Stations	62-63
Combustion Engine and Other Generating Stations	64-65
Generating Statistics (Small Stations)	66
Transmission Line Statistics	67
Substations	68
Overhead Distribution Lines Operated	69
Electric Distribution Services, Meters and Line Transformers	69
Conduit, Underground Cable and Submarine Cable	70
Street Lamps	71
Rate Schedule Information	79
Signature Page	81

FOR GAS PLANTS ONLY:	Page		Page
Utility Plant - Gas	19-20	Gas Generating Plant	74
Gas Operating Revenues	43	Boilers	75
Sales of Gas to Ultimate Consumers	44	Scrubbers, Condensers and Exhausters	75
Gas Operation & Maintenance Expenses	45-47	Purifiers	76
Purchased Gas	48	Holders	76
Sales for Resale	48	Transmission and Distribution Mains	77
Sales of Residuals	48	Gas Distribution Services, House Governors and Meters	78
Record of Sendout for the Year in MCF	72-73		

PAGES INTENTIONALLY OMITTED: 23 TO 36

GENERAL INFORMATION

1. Name of town (or city) making this report. Mansfield

2. If the town (or city) has acquired a plant,

   Kind of plant, whether gas or electric. Electric

   Owner from whom purchased, if so acquired.

   Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws.
   June 25, 1903

   Record of votes: First Vote - 4 Yes,; 1 No

   Date when town (or city) began to sell electricity, 1903

3. Name and address of manager of municipal lighting:

   William Ross, Mgr. 6 Lauren Lane Mansfield, MA 02048

4. Name and address of mayor or selectmen

   Steve Schoonveld 21 Newton Street Mansfield, MA 02048

   Jess Aptowitz 30 Fieldstone Drive Mansfield, MA 02048

   George Dentino 2 Gladiola Terrace Mansfield, MA 02048

   Michael A. Trowbridge 4 Suzanne Lane Mansfield, MA 02048

   Frank Delvecchio 38 Old North Trail Mansfield, MA 02048

5. Name and address of town (or city) treasurer:

   Jacqueline Boudreau 285 East Main Street Apt 8 Norton, MA 02766

6. Name and address of town (or city) clerk:

   Marianne Staples 80 Reservoir Street Mansfield, MA 02048

7. Names and addresses of members of municipal light board:

   Same as Selectmen

8. Total valuation of estates in town (or city) according to last state valuation (taxable) $3,569,935,576

9. Tax rate for all purposes during the year: Residential $15.02
   Commercial, Industial and Personal Property $20.08

10. Amount of manager's salary: William Ross - Mgr Part time $10,000
    Joseph Sollecito - Director $153,978

11. Amount of manager's bond: $0

12. Amount of salary paid to members of municipal light board (each) $0

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

	INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS		
2	FROM SALE OF ELECTRICITY		27,596,777
3	FROM RATE STABILIZATION FUND		0
4		**TOTAL**	**27,596,777**
5	**Expenses:**		
6	For operation, maintenance and repairs		22,617,634
7	For interest on bonds, notes or scrip		
8	For depreciation fund (5% of $ 53,752,293 as per page 8B)		2,762,863
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		**TOTAL**	**25,380,497**
14			
15	**Cost:**		
16	Of gas to be used for municipal buildings		
17	Of gas to be used for street lights		
18	Of electricity to be used for municipal buildings		572,211
19	Of electricity to be used for street lights		68,800
20	Total of the above items to be included in the tax levy		641,011
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy		641,011

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		**Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each**	
City or Town	Number of Customers' Meters, December 31	City or Town	Number of Customers' Meters, December 31.
	NONE	Mansfield	9,817
		TOTAL	**9,817**

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Include also all items charged direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	19	, to be paid from {	$
* At	meeting	19	, to be paid from {	$

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

1. Street Lights	$ 68,800
2. Municipal Buildings	572,211
	$ 641,011

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

CHANGES IN THE PROPERTY

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

In electric property: NONE

In gas property:

BONDS

(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
	None						
	Total	$0.00	$0.00				0.00

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bond and notes are repaid, report the first three columns only.

*Date of meeting and whether regular or special

TOWN NOTES
(ISSUED ON ACCOUNT OF GAS OR ELECTRIC LIGHTING)

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount of Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
	TOTAL	$0.00					$0.00

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bonds and notes are repaid, report the first three columns only.

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost 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) or (d) as appropriate.
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	**1. INTANGIBLE PLANT**						
2							
3							
4							
5	**2. PRODUCTION PLANT**						
6	A. Steam Production						
7	310 Land and Land Rights.....						
8	311 Structures and Improvements.....						$0.00
9	312 Boiler Plant Equipment.....						$0.00
10	313 Engines and Engine Driven Generators.....						$0.00
11	314 Turbogenerator Units.....						$0.00
12	315 Accessory Electric Equipment.....						$0.00
13	316 Miscellaneous Power Plant						$0.00
14	Equipment.....						$0.00
15	**Total Steam Production Plant.....**	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
16	B. Nuclear Production Plant						
17	320 Land and Land Rights.....						
18	321 Structures and Improvements.....						$0.00
19	322 Reactor Plant Equipment.....						$0.00
20	323 Turbogenerator Units.....						$0.00
21	324 Accessory Electric Equipment.....						$0.00
22	325 Miscellaneous Power Plant Equipment.....						$0.00
23	**Total Nuclear Production Plant...**	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	**C. Hydraulic Production Plant**						
2	330 Land and Land Rights.....						$0.00
3	331 Structures and Improvements.....						$0.00
4	332 Reservoirs, Dams and Waterways						$0.00
5	333 Water wheels, Turbines and Generators.....						$0.00
6	334 Accessory Electric Equipment.....						$0.00
7	335 Miscellaneous Power Plant Equipment.....						$0.00
8	336 Roads. Railroads and Bridges.....						$0.00
9	**Total Hydraulic Production Plant**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
10	**D. Other Production Plant**						
11	340 Land and Land Rights.....						$0.00
12	341 Structures and Inprovements.....						$0.00
13	342 Fuel Holders, Producers and Accessories.....						$0.00
14	343 Prime Movers.....						$0.00
15	344 Generators.....						$0.00
16	345 Accessory Electric Equipment.....						$0.00
17	346 Miscellaneous Power Plant Equipment.....						$0.00
18	**Total Other Production Plant**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
19	**Total Production Plant**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
20	**3. Transmission Plant**						
21	350 Land and Land Rights.....						$0.00
22	351 Clearing Land and Rights of Way						$0.00
23	352 Structures and Improvements.....						$0.00
24	353 Station Equipment.....						$0.00
25	354 Towers and Fixtures.....						$0.00
26	355 Poles and Fixtures.....						$0.00
27	356 Overhead Conductors and Devices...						$0.00
28	357 Underground Conduits.....						$0.00
29	358 Underground Conductors and Devices						$0.00
30	359 Roads and Trails.....						$0.00
31	**Total Transmission Plant**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	**4. DISTRIBUTION PLANT**						
2	360 Land and Land Rights	313,205	0				313,205
3	361 Structures and Improvements	651,906	4,685				656,591
4	362 Station Equipment	15,419,528	0				15,419,528
5	363 Storage Battery Equipment	2,311,653	177,351				2,489,004
6	364 Poles, Towers and Fixtures	1,519,852	60,235	7,963			1,572,124
7	365 Overhead Conductors and Devices	7,306,967	290,390				7,597,357
8	366 Underground Conduits	5,761,999	83,084				5,845,083
9	367 Underground Conductors & Devices	9,244,610	169,692				9,414,302
10	368 Line Transformers	3,316,908	76,804	43,134			3,350,578
11	369 Services	1,055,838	26,164				1,082,002
12	370 Meters	1,407,542	106,751	85,327			1,428,966
13	371 Installation on Cust's Premises	0	0				0
14	372 Leased Prop. on Cust's Premises	204,096	10,432				214,528
15	373 Street Light and Signal Systems	883,831	26,811				910,642
16	Total Distribution Plant	**49,397,936**	**1,032,400**	**136,425**	**0**	**0**	**50,293,910**
17	**5. GENERAL PLANT**						
18	389 Land and Land rights	0	0				0
19	390 Structures and Improvements	1,396,435	4,830				1,401,265
20	391 Office Furniture and Equipment	440,096	0				440,096
21	392 Transportation Equipment	1,895,607	479,544				2,375,151
22	393 Stores Equipment	31,785	0				31,785
23	394 Tools, Shop and Garage Equipment	453,930	12,984				466,914
24	395 Laboratory Equipment	34,016	0				34,016
25	396 Power Operated Equipment	27,432	0				27,432
26	397 Communication Equipment	79,192	0				79,192
27	398 Miscellaneous Equipment	114,989	73,719				188,708
28	399 Other Tangible Property	194,080	37,920				232,000
29	Total General Plant	**4,667,562**	**608,997**	**0**	**0**	**0**	**5,276,559**
30	Total Electric Plant in Service	**54,065,497**	**1,641,397**	**136,425**	**0**	**0**	**55,570,469**
31		**TOTAL COST OF PLANT.....**					
32							
33		Less Cost of Land, Land Rights, and Rights of Way					**313,205**
34		Total Cost upon which depreciation is based					**55,257,264**

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the 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 Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	**UTILITY PLANT**			
2	101 Utility Plant -Electric.....	23,271,987	22,516,634	(755,353)
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....			
5	**Total Utility Plant.....**	**23,271,987**	**22,516,634**	**(755,353)**
6				
7				
8				
9				
10				
11	**FUND ACCOUNTS**			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	3,700,158	3,800,114	99,956
14	128 Other Special Funds.....	1,682,265	1,695,134	12,869
15	**Total Funds.....**	**5,382,423**	**5,495,248**	**112,825**
16	**CURRENT AND ACCRUED ASSETS**			
17	131 Cash (P. 14).....	10,780,607	12,825,510	2,044,903
18	132 Special Deposits.....	1,054,184	1,056,594	2,410
19	132 Working Funds.....			0
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	2,518,679	2,527,000	8,321
22	143 Other Accounts Receivable.....	64,733	73,163	8,430
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	556,354	533,673	(22,681)
25				
26	165 Prepayments.....	2,691,601	2,060,493	(631,108)
27	174 Miscellaneous Current Assets	12,637	12,637	0
28	**Total Current and Accrued Assets...**	**17,678,795**	**19,089,070**	**1,410,275**
29	**DEFERRED DEBITS**			
30	181 Unamortized Debt Discount.....			
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....			
33	**Total Deferred Debits.....**			
34				
35	**Total Assets and Other Debits.....**	**46,333,205**	**47,100,952**	**767,747**

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	**APPROPRIATIONS**			
2	201 Appropriations for Construction.....			
3	**SURPLUS**			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....			
6	207 Appropriations for Construction Repayment..	0	0	0
7	208 Unappropriated Earned Surplus (P. 12).....	41,072,907	42,023,676	950,769
8	**Total Surplus.....**	**41,072,907**	**42,023,676**	**950,769**
9	**LONG TERM DEBT**			
10	221 Bonds (P. 6).....			
11	231 Notes Payable (P 7).....			
12	**Total Bonds and Notes.....**			
13	**CURRENT AND ACCRUED LIABILITIES**			
14	232 Accounts Payable.....	1,779,397	1,636,271	(143,126)
15	234 Payables to Municipality.....			0
16	235 Customer Deposits.....	1,159,667	1,182,904	23,237
17	236 Taxes Accrued.....	58,349	58,520	171
18	237 Interest Accrued.....			0
19	242 Miscellaneous Current and Accrued Liabilities	260,943	170,257	(90,686)
20	**Total Current and Accrued Liabilities...**	**3,258,356**	**3,047,952**	**(210,404)**
21	**DEFERRED CREDITS**			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....			
25	**Total Deferred Credits**			
26	**RESERVES**			
27	260 Reserves for Uncollectable Accounts.....	319,677	334,190	14,513
28	261 Property Insurance Reserve.....			0
29	262 Injuries and Damages Reserves.....			0
30	263 Pensions and Benefits.....			0
31	265 Miscellaneous Operating Reserves.....	1,682,265	1,695,134	12,869
32	**Total Reserves.....**	**2,001,942**	**2,029,324**	**27,382**
33	**CONTRIBUTIONS IN AID OF CONSTRUCTION**			
34	271 Contributions in Aid of Construction.....			
35	**Total Liabilities and Other Credits**	**46,333,205**	**47,100,952**	**767,747**

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

Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	**OPERATING INCOME**		
2	400 Operating Revenue (P. 37 and P. 43)	**27,394,982**	**(509,152)**
3	**Operating Expenses:**		
4	401 Operation Expense (P.42)	21,473,013	(392,558)
5	402 Maintenance Expense (P. 42)	1,144,620	209,020
6	403 Depreciation Expense	2,391,106	245,135
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 48)		
10	**Total Operating Expenses**	**25,008,739**	**61,597**
11	Operating Income	2,386,243	(570,749)
12	414 Other Utility Operating Income (P.50)		
13			
14	**Total Operating Income**	**2,386,243**	**(570,749)**
15	**OTHER INCOME**		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	137,781	14,174
17	419 Interest Income	28,688	(3,913)
18	421 Miscellaneous Income	73,948	32,223
19	**Total Other Income**	**240,417**	**42,484**
20	**Total Income**	**2,626,660**	**(528,265)**
21	**MISCELLANEOUS INCOME DEDUCTIONS**		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions	1,469,695	22,559
24	**Total Income Deductions**	**1,469,695**	**22,559**
25	**Income before Interest Charges**	**1,156,965**	**(550,824)**
26	**INTEREST CHARGES**		
27	427 Interest on Bonds and Notes		
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt		
30	431 Other Interest Expense	3,118	2,063
31	432 Interest Charged to Construction-Credit		
32	**Total Interest Charges**	**3,118**	**2,063**
33	**Net Income**	**1,153,847**	**(552,887)**

EARNED SURPLUS

Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period)		41,091,003
35			
36			
37	433 Balance transferred from Income		1,153,847
38	434 Miscellaneous Credits to Surplus		343,489
39	435 Miscellaneous Debits to Surplus	339	
40	436 Appropriations of Surplus (P.21)	564,324	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	42,023,676	
43			
44	**TOTALS**	**42,588,339**	**42,588,339**

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund	12,825,185
2	Interest Fund	
3	Bond Fund	
4	Construction Fund	
5	Petty Cash Fund	325
6	Other Post Employment Benefits Fund	0
7		
8		
9		
10		
11		
12	TOTAL	12,825,510

MATERIALS AND SUPPLIES (Account 151-159, 163)
Summary per Balance Sheet

Line No.	Account (a)	Amount End of Year Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)		
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	499,922	
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)	33,750	
23	**Total per Balance Sheet**	**533,673**	

Depreciation Fund Account (Account 126)

Line No.	(a)	Amount (b)
24	**DEBITS**	
25	Balance of Account at Beginning of Year	3,700,158
26	Income During Year from Balance on Deposit	13,284
27	Amount Transferred from Income	2,313,162
28	TOTAL	6,026,604
29		
30	**CREDITS**	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	2,226,490
32	Amounts Expended for Renewals	
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year	3,800,114
40	TOTAL	3,800,114

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 parentheses to indicate the negative effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	**1. INTANGIBLE PLANT**						
2							
3							
4							
5	**2. PRODUCTION PLANT**						$0.00
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant						
14	Equipment						
15	**Total Steam Production Plant**						$0.00
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	**Total Nuclear Production Plant**						$0.00

UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	**c. Hydraulic Production Plant**						
2	330 Land and Land Rights.....						
3	331 Structures and Improvements.....						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators.....						
6	334 Accessory Electric Equipment.....						
7	335 Miscellaneous Power Plant Equipment.....						
8	336 Roads, Railroads and Bridges.....						
9	**Total Hydraulic Production Plant**						$0.00
10	**D. Other Production Plant**						
11	340 Land and Land Rights.....						
12	341 Structures and Improvements.....						
13	342 Fuel Holders,Producers and Accessories.....						
14	343 Prime Movers.....						
15	344 Generators						
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	**Total Other Production Plant**						$0.00
19	**Total Production Plant**						$0.00
20	**3. TRANSMISSION PLANT**						
21	350 Land and Land Rights.....						
22	351 Clearing Land and Rights of Way..						
23	352 Structures and Improvements..						
24	353 Station Equipment.....						
25	354 Towers and Fixures						
26	355 Poles and Fixtures.....						
27	356 Overhead Conductors and Device..						
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....						
31	**Total Transmission Plant**						$0.00

UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	**4. DISTRIBUTION PLANT**						
2	360 Land and Land Rights.....	313,205					313,205
3	361 Structures and Improvements.....	135,360	4,685	32,865			107,180
4	362 Station Equipment.....	7,238,418	0	772,447			6,465,971
5	363 Storage Battery Equipment.....	1,682,074	177,351	115,889			1,743,535
6	364 Poles and Fixtures.....	363,531	60,235	81,994			341,772
7	365 Overhead Conductors and Devices...	3,835,938	290,390	364,828			3,761,500
8	366 Underground Conduits.....	3,250,261	83,084	314,347			3,018,998
9	367 Underground Conductors and Devices	4,212,928	169,692	418,697			3,963,923
10	368 Line Transformers.....	73,232	76,804	7,310			142,726
11	369 Services.....	27,251	26,164	15,090			38,325
12	370 Meters.....	605,483	106,751	41,535			670,699
13	371 Installation on Cust's Premises....	0	0	0			0
14	372 Leased Prop. on Cust's Premises....	10,567	10,432	3,470			17,530
15	373 Street Light and Signal Systems.....	30,324	26,811	19,914			37,222
16	**Total Distribution Plant**	**21,778,571**	**1,032,400**	**2,188,386**	**0**	**0**	**20,622,584**
17	**5. GENERAL PLANT**						
18	389 Land and Land Rights.....	0					0
19	390 Structures and Improvements.....	391,982	4,830	69,822			326,990
20	391 Office Furniture and Equipment.....	(198)	0	(198)			0
21	392 Transportation Equipment.....	816,766	479,544	97,249			1,199,060
22	393 Stores Equipment.....	12,877	0	1,589			11,288
23	394 Tools, Shop and Garage Equipment...	172,033	12,984	22,592			162,425
24	395 Laboratory Equipment.....	16,616	0	1,693			14,923
25	396 Power Operated Equipment.....	0	0	0			0
26	397 Communication Equipment.....	14	0	14			0
27	398 Miscellaneous Equipment.....	55,864	73,719	5,857			123,726
28	399 Other Tangible Property.....	27,464	37,920	9,747			55,637
29	**Total General Plant**	**1,493,418**	**608,997**	**208,364**	**0**	**0**	**1,894,049**
30	**Total Electric Plant in Service**	**23,271,989**	**1,641,397**	**2,396,750**	**0**	**0**	**22,516,634**
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....						0
	108 Accumulated Depreciation						
34	**Total Utility Electric Plant**	**23,271,989**	**1,641,397**	**2,396,750**	**0**	**0**	**22,516,634**

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)
(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of year	0.00				
2	Received During Year	0.00				
3	**TOTAL**	**0.00**				
4	Used During Year (Note A)	0.00				
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	**TOTAL DISPOSED OF**	**0.00**				
13	**BALANCE END OF YEAR**	0.00				

Line No.	Item (g)	Kinds of Fuel and Oil -- Continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1	Misc. Non-operating Revenue	18,340
2	Reclassification of Stores Expenses	55,608
3		
4		
5		
6	TOTAL	73,948

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7	Donations	8,481
8	Energy Rebates	37,700
9	Discounts Allowed	1,423,514
10		
11		
12		
13		
14	TOTAL	1,469,695

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15	Flush of Funds Credit from MMWEC	343,489
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	343,489

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24	Retirement of Plant Equipment	339
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	339

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33	Town of Mansfield - Payment in Lieu of Taxes	564,324
34		
35		
36		
37		
38		
39		
40	TOTAL	564,324

MUNICIPAL REVENUES (Accounts 482,444)
(K.W.H. Sold under the Provision of Chapter 269, Acts of 1927)

Line No.	Acct No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue per M.C.F [$0.0000] (d)
1					
2					
3					
4		TOTALS			

Line No.		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [$0.0000] (d)
5					
6	444	Municipal Buildings	8,298,847	1,017,686	0.1226
7					
8		TOTALS	8,298,847	1,017,686	0.1226
9	444	Street Lighting	997,815	111,611	0.1119
10					
11		TOTALS	997,815	111,611	0.1119
12					
13					
14					
15					
16					
17					
19		TOTALS	9,296,662	1,129,297	0.1215

PURCHASED POWER (Account 555)

Line No.	Names 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)
20					
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS			

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (c)	Revenues per K.W.H. [cents] [0.0000] (e)
30					
31					
32					
33					
34					
35					
36					
37					
38					
39		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 means 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 classification.

		Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	**SALES OF ELECTRICITY**						
2	440 Residential Sales.....	10,521,165	35,754	79,507,340	(2,235,519)	8,708	(1)
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5.....	833,813	(332,447)	4,874,582	(548,189)	568	(1)
5	Large (or Industrial) see instr. 5.....	15,112,502	286,505	111,496,055	857,430	430	3
6	444 Municipal Sales (P.22)	1,129,297	(2,149)	9,296,662	(146,957)	105	5
7	445 Other Sales to Public Authorities.....						
8	446 Sales to Railroads and Railways.....						
9	448 Interdepartmental Sales.....						
10	449 Miscellaneous Electric Sales.....						
11	**Total Sales to Ultimate Consumers.....**	**27,596,777**	**(12,337)**	**205,174,639**	**(2,073,235)**	**9,811**	**6**
12	447 Sales for Resale.....						
13	**Total Sales of Electricity*.....**	**27,596,777**	**(12,337)**	**205,174,639**	**(2,073,235)**	**9,811**	**6**
14	**OTHER OPERATING REVENUES**						
15	450 Forfeited Discounts.....						
16	451 Generation Charge Overcollection	(201,795)	(496,815)				
17	453 Sales of Water and Water Power.....						
18	454 Rent from Electric Property.....						
19	455 Interdepartmental Rents.....						
20	456 Other Electric Revenues.....						
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues.....						
26	Total Electric Operating Revenues.	**27,394,982**	**(509,152)**				

*Includes revenues from application of fuel clauses

Total KWH to which applied **205,174,639**

Annual Report of Mansfield Municipal Electric Department — Year Ended December 31 2016

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered) July 31 (e)	Number of Customers (per Bills Rendered) December 31 (f)
1	440	Residential	79,507,340	10,521,165	0.1323	8,708	8,706
2							
3							
4							
5	442	Commercial	4,874,582	833,813	0.1711	567	566
6		Industrial	111,496,055	15,112,502	0.1355	433	439
7							
8							
9							
10	444	Municipal Building	8,298,847	1,017,686	0.1226	80	82
11		Street Lighting	997,815	111,611	0.1119	23	24
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO UTIMATE CONSUMERS						
49	(Page 37 Line 11)		205,174,639	27,596,777	0.1345	9,811	9,817

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.
2. If the increases and decreases are not divided from previously reported figures explain in footnote.

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**POWER PRODUCTION EXPENSE**		
2	**STEAM POWER GENERATION**		
3	**Operation:**		
4	500 Operation supervision and engineering		
5	501 Fuel		
6	502 Steam expense		
7	503 Steam from other sources		
8	504 Steam transferred -- Cr.		
9	505 Electric expenses		
10	506 Miscellaneous steam power expenses		
11	507 Rents		
12	**Total Operation**		
13	**Maintenance:**		
14	510 Maintenance supervision and engineering		
15	511 Maintenance of structures		
16	512 Maintenance of boiler plant		
17	513 Maintenance of electric plant		
18	514 Maintenance of miscellaneous steam plant		
19	**Total Maintenance**		
20	**Total power production expenses -- steam power**		
21	**NUCLEAR POWER GENERATION**		
22	**Operation:**		
23	517 Operation supervision and engineering		
24	518 Fuel		
25	519 Coolants and water		
26	520 Steam expense		
27	521 Steam from other sources		
28	522 Steam transferred -- Cr.		
29	523 Electric expenses		
30	524 Miscellaneous nuclear power expenses		
31	525 Rents		
32	**Total Operation**		
33	**Maintenance:**		
34	528 Maintenance supervision and engineering		
35	529 Maintenance of structures		
36	530 Maintenance of reactor plant equipment		
37	531 Maintenance of electric plant		
38	532 Maintenance of miscellaneous nuclear plant		
39	**Total Maintenance**		
40	**Total power production expenses -- nuclear power**		
41	**HYDRAULIC POWER GENERATION**		
42	**Operation:**		
43	535 Operation supervision and engineering		
44	536 Water for power		
45	537 Hydraulic expenses		
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	**Total Operation**	0	0

(continued on page 40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**HYDRAULIC POWER GENERATION - CONTINUED**		
2	**Maintenance:**		
3	541 Maintenance Supervision and Engineering		
4	542 Maintenance of Structures		
5	543 Maintenance of Reservoirs, Dams and Waterways		
6	544 Maintenance of Electric Plant		
7	545 Maintenance of Miscellaneous Hydraulic Plant		
8	**Total Maintenance**		
9	**Total Power Production Expenses - Hydraulic Power**		
10	**OTHER POWER GENERATION**		
11	**Operation:**		
12	546 Operation Supervision and Engineering		
13	547 Fuel		
14	548 Operation Expenses		
15	549 Miscellaneous Other Power Generation Expenses		
16	550 Rents		
17	**Total Operation**		
18	**Maintenance:**		
19	551 Maintenance Supervision and Engineering		
20	552 Maintenance of Structure		
21	553 Maintenance of Generating and Electric Plant		
22	554 Maintenance of Miscellaneous Other Power Generation Plant		
23	**Total Maintenance**		
24	**Total Power Production Expenses - Other Power**		
25	**OTHER POWER SUPPLY EXPENSES**		
26	555 Purchased Power	14,823,617	(778,466)
27	556 System Control and Load Dispatching		
28	557 Other Expenses		
29	**Total Other Power Supply Expenses**	**14,823,617**	**(778,466)**
30	**Total Power Production Expenses**	**14,823,617**	**(778,466)**
31	**TRANSMISSION EXPENSES**		
32	**Operation:**		
33	560 Operation Supervision and Engineering		
34	561 Load Dispatching		
35	562 Station Expenses		
36	563 Overhead Line Expenses		
37	564 Underground Line Expenses		
38	565 Transmission of Electricity by Others	4,245,128	454,815
39	566 Miscellaneous Transmission Expenses		
40	567 Rents		
41	**Total Operation**	**4,245,128**	**454,815**
42	**Maintenance:**		
43	568 Maintenance Supervision and Engineering		
44	569 Maintenance of Structures		
45	570 Maintenance of Station Equipment		
46	571 Maintenance of Overhead Lines		
47	572 Maintenance of Underground Lines		
48	573 Maintenance of Miscellaneous Transmission Plant		
49	**Total Maintenance**		
50	**Total Transmission Expenses**	**4,245,128**	**454,815**

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**DISTRIBUTION EXPENSES**		
2	**Operation:**		
3	580 Operation Supervision and Engineering	158,950	(9,663)
4	581 Load Dispatching	188,521	16,658
5	582 Station Expenses	185,420	(42,825)
6	583 Overhead Line Expenses	31,173	(10,198)
7	584 Underground Line Expenses	(1,463)	(13,172)
8	585 Street Lighting and Signal System Expenses	0	0
9	586 Meter Expenses	59,546	20,544
10	587 Customer Installations Expenses	7,592	3,914
11	588 Miscellaneous Distribution Expenses	0	0
12	589 Rents	0	0
13	**Total Operation**	**629,740**	**(34,741)**
14	**Maintenance:**		
15	590 Maintenance supervision and engineering	0	0
16	591 Maintenance of Structures	62,155	(1,726)
17	592 Maintenance of Station Equipment	0	0
18	593 Maintenance of Overhead Lines	850,420	121,989
19	594 Maintenance of Underground Lines	12,374	7,085
20	595 Maintenance of Line Transformers	11,086	6,416
21	596 Maintenance of Street Lighting and Signal Systems	62,771	(1,782)
22	597 Maintenance of Meters	0	0
23	598 Maintenance of Miscellaneous Distribution Plant	1,460	23,010
24	**Total Maintenance**	**1,000,266**	**154,992**
25	**Total Distribution Expenses**	**1,630,006**	**120,251**
26	**CUSTOMER ACCOUNTS EXPENSES**		
27	**Operation:**		
28	901 Supervision	0	0
29	902 Meter Reading Expenses	199,100	4,940
30	903 Customer Records and Collection Expenses	691,202	(23,260)
31	904 Uncollectable Accounts	80,000	(10,002)
32	905 Miscellaneous Customer Accounts Expenses	21,345	(8,258)
33	**Total Customer Accounts Expenses**	**991,647**	**(36,580)**
34	**SALES EXPENSES**		
35	**Operation:**		
36	911 Supervision	0	0
37	912 Demonstrating and Selling Expenses	0	0
38	913 Advertising Expenses	0	0
39	916 Miscellaneous Sales Expense	0	0
40	**Total Sales Expenses**	**0**	**0**
41	**ADMINISTRATIVE AND GENERAL EXPENSES**		
42	**Operation:**		
43	920 Administrative and General Salaries	298,334	(14,491)
44	921 Office Supplies and Expenses	100,216	(3,058)
45	922 Administrative Expenses Transferred - Cr.	0	0
46	923 Outside Services Employed	161,595	(13,076)
47	924 Property Insurance	30,740	10,709
48	925 Injuries and Damages	320	(7,025)
49	926 Employees Pensions and Benefits	10,886	10,886
50	928 Regulatory Commission Expenses	0	0
51	929 Duplicate Charges - Cr.	0	0
52	930 Miscellaneous General Expenses	171,990	27,270
53	931 Rents	8,800	(8,800)
54	**Total Operation**	**782,880**	**2,414**

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**ADMINISTRATIVE EXPENSES**		
2	**Maintenance:**		
3	932 Maintenance of General Plant		
4	933 Transportation expense	144,354	54,028
5	**Total Maintenance**	**144,354**	**54,028**
6	**Total Administrative and General Expenses**	**927,235**	**56,443**
7	**Total Electric Operation and Maintenance Expenses**	**22,617,634**	**(183,537)**

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	OPERATION (b)	MAINTENANCE (c)	TOTAL (d)
8	Power Production Expenses			
9	Electric Generation			
10	Steam Power			
11	Nuclear Power			
12	Hydraulic Power			
13	Other Power			
14	Other Power Supply Expenses	14,823,617		14,823,617
15	**Total Power Production Expenses**	**14,823,617**		**14,823,617**
16	Transmission Expenses	4,245,128		4,245,128
17	Distribution Expenses	629,740	1,000,266	1,630,007
18	Customer Accounts Expenses	991,647		991,647
19	Sales Expenses			
20	Administrative and General Expenses	782,880	144,354	927,235
21	Power Production Expenses			
22	**Total Electric Operation and Maintenance Expenses**	**21,473,013**	**1,144,620**	**22,617,634**

23 Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%) **88.75%**
Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407).....

24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts..... **1,964,525**

25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees) **21**

TAXES CHARGED DURING YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts accounts during the year.
2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was 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 each State and for all subdivisions can readily be ascertained.
4. The accounts to which the taxes charged were distributed 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 appropriate balance sheet plant account or subaccount.
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 or 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	NONE									
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	TOTAL									

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	NONE				
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
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28					
29					
30					
31					
32					
33					
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35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS	$0.00	$0.00	$0.00	$0.00

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

Report by utility departments the revenues, costs, expenses, and net income from merchandising, jobbing, and contract work during year.

Line No.	Item (a)	Electric Department (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising sales, less discounts,				
3	allowances and returns.....				
4	Contract Work.....	137,781			137,781
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	137,781	$0.00	$0.00	137,781
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16	Jobbing/Contract Costs				
17	Labor				
18	Materials				
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses.....				
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 AND EXPENSES	0	$0.00	$0.00	0
51	Net Profit (or Loss)	137,781	$0.00	$0.00	137,781

SALES FOR RESALE (Acccount 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) other public authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP;other G, and place an "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as other power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to	Statistical Classification	Export Across State Lines	Point of Delivery	Substation	Kw or Kva of Demand (Specify which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
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15								
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26								
27								
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32								
33								
34								
35								

SALES FOR RESALE (Account 447) - Continued

5 If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer 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 and 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 sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amounts entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sale may be grouped.

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents) Demand Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)	Revenue per Kwh (cents) [0.0000] (p)	Line No.
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								29
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								31
								32
								33
								34
	TOTALS	0	$0.00	$0.00	$0.00	$0.00	0.0000	35

PURCHASED POWER (Account 555)

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify sales 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 statisical classfication 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, amd othe power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Kw or Kva Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	New York Power Authority	FP	X	GILBERT ST.	SS	1,354		
2	Stonybrook Peaking	O		GILBERT ST.	SS	12,274		
3	Stonybrook Intermediate	O		GILBERT ST.	SS	17,476		
4	Nuclear Mix 1 (Seabrook)	O	X	GILBERT ST.	SS	110		
5	Nuclear Mix 1 (Millstone)	O	X	GILBERT ST.	SS	1,132		
6	Nuclear Project 3 (Millstone)	O	X	GILBERT ST.	SS	673		
7	Nuclear Project 4 (Seabrook)	O	X	GILBERT ST.	SS	2,852		
8	Nuclear Project 5 (Seabrook)	O	X	GILBERT ST.	SS	258		
9	Nuclear Project 6 (Seabrook)	O	X	GILBERT ST.	SS	5,861		
10	Nextera Energy	O	X	GILBERT ST.	SS			
11	Transmission Charges							
12	Hydro Quebec	O	X	GILBERT ST.	SS			
13	ISO OATT			GILBERT ST.	SS			
14	System Power	DP						
15	Hancock Wind	O	X			3,129		
16								
17	Total					45,119		
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								

PURCHASED POWER (Account 555) - Continued

(except interchange power)

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 and should be furnished whether or not used in the determination of demand charges. Show in column (l) 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.

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit Cents) Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)	Cents per KWH (cents) [0.0000] (p)	Line No.
60 MINUTES	115 kv	9,218,794	66,120	45,356	106,495	217,972	$ 0.0236	1
60 MINUTES	115 kv	216,043	188,463	48,512	52,453	289,427	$ 1.3397	2
60 MINUTES	115 kv	5,426,659	1,285,455	278,648	10,032	1,574,135	$ 0.2901	3
60 MINUTES	115 kv	1,088,071	31,807	6,886	68	38,762	$ 0.0356	4
60 MINUTES	115 kv	9,081,008	312,524	60,994	7,740	381,259	$ 0.0420	5
60 MINUTES	115 kv	5,336,420	379,597	35,876	4,548	420,021	$ 0.0787	6
60 MINUTES	115 kv	26,687,918	1,417,481	169,116	1,679	1,588,277	$ 0.0595	7
60 MINUTES	115 kv	2,413,049	140,290	15,270	152	155,712	$ 0.0645	8
60 MINUTES	115 kv	54,845,132	4,365,579	348,005	3,451	4,717,035	$ 0.0860	9
60 MINUTES	115 kv	54,658,400	3,440,777			3,440,777	$ 0.0630	10
								11
								12
60 MINUTES	115 kv				62,572	62,572	N/A	13
60 MINUTES	115 kv				3,601,720	3,601,720	N/A	14
60 MINUTES	115 kv	343,712		17,764		17,764	$ 0.0517	15
								16
								17
								18
								19
								20
								21
								22
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								30
								31
								32
								33
								34
	TOTALS	169,315,206	11,628,094	1,026,428	3,850,909	16,505,432		35

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 and 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 and 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	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Kilowatt-hours Received	Kilowatt-hours Delivered	Kilowatt-hours Net Difference	Amount of Settlement
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	NEPEX				221,402,380	175,724,200	45,678,180	2,563,313
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	221,402,380	175,724,200	45,678,180	2,563,313

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)		Amount (k)
13	NEPEX	INTERCHANGE EXPENSE		2,269,884
14		NEPOOL EXPENSE		293,429
15				
16				
17				
18				
19				
20				
21			TOTALS	2,563,313

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			
4	Nuclear.....			
5	Hydro.....			
6	Other..... Diesel			
7	Total generation.....			0
8	Purchases.....			169,430,649
9		{ In (gross)	221,402,380	
10	Interchanges.....	{ Out (gross)	175,724,200	
11		{ Net (Kwh).....		45,678,180
12		{ Received.....		
13	Transmission for/by others (Wh.....	{ Delivered.....		
14		{ Net (kwh).....		215,108,829
15	**TOTAL**			
16	**DISPOSITION OF ENERGY**			
17	Sales to ultimate consumers (including interdepartmental sales).....			205,174,639
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.....			0
24	Distribution losses.....		**9,934,190**	
25	Unaccounted for losses.....			
26	Total energy losses.....			9,934,190
27	Energy losses as percent of total on line 15.....	4.62%		
28			**TOTAL**	**215,108,829**

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.

Town of Mansfield

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	35,496	Tue	5	19:00	60 min.	18,748,084
30	February	34,327	Thu	11	19:00	60 min.	17,265,453
31	March	30,440	Thu	3	19:00	60 min.	16,862,744
32	April	30,980	Mon	4	20:00	60 min.	15,536,744
33	May	37,647	Tue	31	17:00	60 min.	16,551,210
34	June	39,289	Wed	29	16:00	60 min.	18,163,602
35	July	47,980	Mon	25	16:00	60 min.	22,149,100
36	August	50,352	Fri	12	16:00	60 min.	22,570,959
37	September	45,136	Fri	9	16:00	60 min.	17,680,387
38	October	28,184	Mon	17	20:00	60 min.	15,523,851
39	November	30,245	Mon	21	19:00	60 min.	15,640,486
40	December	35,280	Thu	15	18:00	60 min.	18,416,209
41						TOTAL	215,108,829

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear, See Instruction 10)

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Hw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings). (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are $25,000,000 or more.)
2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.
3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.
4. If peak demand for 60 minutes is not available, give that which is available, specifying period.
5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.
6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.
7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, int. com., gas turbine			
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)			
3	Year originally constructed			
4	Year last unit was installed			
5	Total installed capacity (maximum generator name plate ratings in kw)			
6	Net peak demand on plant-kilowatts (60 min.)			
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees			
12	Net generation, exclusive of station use			
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements			
16	Reservoirs, dams, and waterways			
17	Equipment costs			
18	Roads, railroads, and bridges			
19	**Total cost**	$0	$0	$0
20	**Cost per kw of installed capacity**	N/A	N/A	N/A
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel			
25	Supplies and expenses, including water			
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	**Total production expenses**	$0.00	$0.00	$0.00
31	**Expenses per net Kwh (5 places)**	0.0000	N/A	N/A
32	Fuel: Kind			
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)			
34	Quantity (units) of fuel consumed			
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)			
36	Average cost of fuel per unit, del. f.o.b. plant			
37	Average cost of fuel per unit consumed			
38	Average cost of fuel consumed per million B.t.u.			
39	Average cost of fuel consumed per kwh net gen.			
40	Average B.t.u. per kwh net generation			
41				
42				

GENERATING STATION STATISTICS (Large Stations) -- Contunued
(Except Nuclear, See Instuction 10)

547 as shown on Line 24

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."
9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined operations with a conventional steam unit, the gas turbine shold be included with the steam station.
10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses: (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to tthe various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
						1
NONE						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
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						35
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						40
						41
						42

STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers: Kind of Fuel and Method of Firing (d)	Boilers: Rated Pressure in lbs. (e)	Boilers: Rated Steam Temperature* (f)	Boilers: Rated Max. Continuous M lbs. Steam per Hour (g)
1							
2	NONE						
3							
4							
5							
6							
7							
8							
9							
10							
11							
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37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

expenses ro revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name or lesse, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Turbine-Generators*

Year Installed (h)	Type (i)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts: At Minimum Hydrogen Pressure (l)	Name Plate Rating in Kilowatts: At Maximum Hydrogen Pressure (m)	Hydrogen Pressure**: Min. (n)	Hydrogen Pressure**: Max. (o)	Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				NONE							1
											2
											3
											4
											5
											6
											7
											8
											9
											10
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											35
											36
					TOTALS						37

Note references:
*Report cross-compound turbine-generator units on two lines -- H.P. section and L.P. section.
+ Indicate tandem-compound (T.C.); cross-compound (C.C.); all single casing (S.C.); topping unit (T), and noncondensing (N.C.). Show back pressures.
** Designate air cooled generators.
++ If other than 3 phase, 60 cycle, indicate other characteristics.
*+ Shoule agree with column (m).

HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion therof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	*** NONE ***						
12							
13							
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37							

* Horizontal or vertical. Also inidcate type of runner -- Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators							
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Fre-quency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)	Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
		*** NONE ***								1
										2
										3
										4
										5
										6
										7
										8
										9
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										36
										37
										38
						TOTALS				39

COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(except nuclear stations)

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers: Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	NONE						
2							
3							
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37							
38							
39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS -- Continued
(except nuclear stations)

ship by respodent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers -- Continued			Generators						
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (i)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)	Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
NONE									1
									2
									3
									4
									5
									6
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									32
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									35
									36
									37
									38
					TOTALS				39

GENERATING STATION STATISTICS (Small Stations)

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW* and other stations of less than 500 KW* installed capacity (name plate ratings). (*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are $25,000,000 or more.
2. Designate any plant leased from others, operated under a license from the Federal Power Commision, or operated as a joint facility, and give a concise statement of the facts in a footnote.
3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.
4. Specify if total plant capacity is reported in kva instead of kilowatts.
5. If peak demand for 60 minutes is not available, give that which is available, specifying period.
6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (60 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents) Labor (h)	Fuel (I)	Other (j)	Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0.00 (l)
1												
2	NONE											
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	*** NOT APPLICABLE ***											
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28		TOTALS										

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					NONE	NONE		
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
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40								
41								
42								
43								
44								
45								
46								
47				TOTALS	0.00		0	

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

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 or each sub-station, designating whether transmission or distribution and whether attended or unattended.
5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxilary 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 and 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 Trans-formers in Service (g)	Number of Spare Trans-formers (h)	Conversion Apparatus and Special Equipment: Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1											
2											
3											
4											
5											
6											
7											
8											
9	Gilbert Street	Distribution - Unattended	115kv	13.8kv	23kv	36,000					
10	Gilbert Street Expansion	Distribution - Unattended	115kv	13.8kv		80,000					
11	East Mansfield (Bird Road)	Distribution - Unattended	115kv	13.8kv		80,000					
12											
13											
14											
15											
16											
17											
18											
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21											
22											
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28											
29											
30											
31											
32					TOTALS	196,000	0	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	73.40		73.40
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles - End of Year	73.40		73.40
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (Kva)
16	Number at beginning of year		11,381	2,025	107,525
17	Additions during year:				
18	Purchased		1,038	43	3,425
19	Installed				
20	Associated with utility plant acquired				
21	**Total additions**		**1,038**	**43**	**3,425**
22	Reduction during year:				
23	Retirements		1,311	29	1,840
24	Associated with utility plant sold				
25	**Total reductions**		**1311**	**29**	**1,840**
26	**Number at End of Year**		**11,108**	**2,039**	**109,110**
27	In Stock		420	89	7,317
28	Locked Meters' on customers' premises				
29	Inactive Transformers on System				
30	In Customers' Use				
31	In Companys' Use				
32	**Number at End of Year**		**420**	**89**	**7,317**

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	Miles of Conduit Bank (All sizes and Types)	Underground Cable		Submarine Cable	
			Miles*	Operating voltage	Feet*	Operating Voltage
	(a)	(b)	(c)	(d)	(e)	(f)
1						
2	None					
3						
4						
5						
6						
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32						
33						
34	TOTALS	0.000				

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town	Total	TYPE							
			Incandescent		Mercury Vapor		LED		High Press. Sodium	
			Municipal	Other	Municipal	Other	Municipal	Other	Municipal	Other
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Mansfield									
2										
3	50 Watt	2,209					65	7	2,079	58
4										
5										
6	100 Watt	555					24	6	511	14
7										
8										
9	250 Watt	103					5	4	83	11
10										
11										
12	400 Watt	278					2	7	71	198
13										
14										
15	1000 Watt	1								1
16										
17										
18										
19										
20										
21										
22										
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49										
50										
51										
52	TOTALS	3,146	0	0	0	0	96	24	2,744	282

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed 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 of Annual Revenues	
			Increases	Decrease
		Generation Charge Changes as follows:		
		Date / New Rate		
		Jan - Mar 2016 .0950		
		Apr - Jun 2016 .0873		
		Jul - Sep 2016 .0955		
		Oct - Dec 2016 .1062		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

..... ***Mayor***

..... ***Manager of Electric Light***
William Ross, Mgr.

.....
Jess Aptowitz

.....
Frank Delvecchio

.....
George Dentino

.....
Michael A. Trowbridge

.....
Steve Schoonveld

Selectmen or Members of the Municipal Light Board