

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

**the Town of
NORWOOD**

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2019

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

Official title:

Office address:

Tony Mazzucco

Town Manager

Municipal Building

Norwood, MA 02062

GOULET, SALVIDIO
& ASSOCIATES, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

To the Board of Commissioners
Norwood Municipal Light Department
Norwood, Massachusetts 02062

Management is responsible for the accompanying financial statements of Norwood Municipal Light Department, which comprise the balance sheet as of December 31, 2019, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on these financial statements in the accompanying prescribed form.

The financial statements included in the accompanying prescribed form are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, and are not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America.

This report is intended solely for the information and use of Norwood Municipal Light Department and the Massachusetts Department of Public Utilities, and is not intended to be and should not be used by anyone other than these specified parties.

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
April 30, 2020

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GENERAL INFORMATION

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- | | | |
|-----|--|--|
| 1. | Name of town (or city) making report. | Norwood |
| 2. | If the town (or city) has acquired a plant,
Kind of plant, whether gas or electric.
Owner from whom purchased, if so acquired.
Date of votes to acquire a plant in accordance with the provisions of
chapter 164 of the General Laws.
Record of votes: First vote: Yes, 154; No, 19 Second vote: Yes, 146; No, 5
Date when town (or city) began to sell gas and electricity, | Electric

September 1, 1907 |
| 3. | Name and address of manager of municipal lighting: | Tony Mazzucco
432 Nahatan Street
Norwood, MA |
| 4. | Name and address of mayor or selectmen: | Thomas F. Maloney Norwood
William J. Plasko Norwood
David E. Hajjar Norwood
Allan D. Howard Norwood
Paul A. Bishop Norwood |
| 5. | Name and address of town (or city) treasurer: | Mark Good
47 Maple Street
Norfolk, MA |
| 6. | Name and address of town (or city) clerk: | Thomas McQuaid
140 Railroad Ave
Norwood, MA |
| 7. | Names and addresses of members of municipal light board: | Thomas F. Maloney Norwood
William J. Plasko Norwood
David E. Hajjar Norwood
Allan D. Howard Norwood
Paul A. Bishop Norwood |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 5,702,870,064 |
| 9. | Tax rate for all purposes during the year: | |
| | Residential | \$11.15 |
| | Commercial/Industrial/Personal Property | \$24.82 |
| 10. | Amount of manager's salary: | \$187,575 |
| 11. | Amount of manager's bond: | None |
| 12. | Amount of salary paid to members of municipal light board (each): | None |

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:		
1	From sales of gas	0
2	From sales of electricity	57,000,000
3	TOTAL	57,000,000
4		
5	EXPENSES	
6	For operation, maintenance and repairs	45,000,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund (3.00% 101,046,726 as per page 8B)	3,031,402
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13	TOTAL	48,031,402
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	850,000
19	Of electricity to be used for street lights	126,063
20	Total of above items to be included in the tax levy	976,063
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	976,063

CUSTOMERS

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
		Norwood	15,973
TOTAL	0	TOTAL	15,973

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At meeting , to be paid from **

*At meeting , to be paid from **

TOTAL 0**FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY****TO BE USED BY THE CITY OR TOWN FOR:**

1. Street lights 126,063

2. Municipal buildings 850,000

3.

TOTAL 976,063

* 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:**In gas property:**

Not applicable

<p>TOTAL COST OF PLANT - ELECTRIC</p> <p>1. Report below the cost of utility plant in service according to prescribed accounts</p> <p>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.</p> <p>3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.</p> <p>4. Reclassifications or transfers within utility plant accounts should be shown in column (f).</p>							
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		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
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 Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
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						
	Total Nuclear Production Plant	0	0	0	0	0	0

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						
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	0	0	0	0	0
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	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights	841,112	0	0			841,112
22	351 Clearing Land and Rights of Way	415,000	0	0			415,000
23	352 Structures and Improvements	6,466,868	24,848	0			6,491,716
24	353 Station Equipment	13,141,215	507,238	0			13,648,453
25	354 Towers and Fixtures	0	0	0			-
26	355 Poles and Fixtures	3,669,954	59,576	0			3,729,530
27	356 Overhead Conductors and Devices	3,033,803	44,408	0			3,078,211
28	357 Underground Conduit	2,209,943	0	0			2,209,943
29	358 Underground Conductors and Devices	2,379,160	0	0			2,379,160
30	359 Roads and Trails	0	0	0			-
31	Total Transmission Plant	32,157,055	636,070	0	0	0	32,793,125

TOTAL COST OF PLANT (Concluded)							
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	31,398	0	0			31,398
3	361 Structures and Improvements	3,805,732	259,487	0			4,065,219
4	362 Station Equipment	8,394,585	52,496	0			8,447,081
5	363 Storage Battery Equipment	0	0	0			-
6	364 Poles Towers and Fixtures	2,996,087	31,426	(9,100)			3,018,413
7	365 Overhead Conductors and Devices	6,053,377	217,775	(41,225)			6,229,927
8	366 Underground Conduit	11,556,327	53,521	0			11,609,848
9	367 Underground Conductors and Devices	4,700,525	194,471	(6,875)			4,888,121
10	368 Line Transformers	4,790,707	217,574	0			5,008,281
11	369 Services	1,178,326	3,468	(6,800)			1,174,994
12	370 Meters	4,726,148	11,287	(37,600)			4,699,835
13	371 Installations on Customer's Premises	0	0	0			-
14	372 Leased Prop on Customer's Premises	0	0	0			-
15	373 Streetlight and Signal Systems	903,252	17,848	0			921,100
16	Total Distribution Plant	49,136,464	1,059,353	(101,600)	0	0	50,094,217
17	5. GENERAL PLANT						
18	389 Land and Land Rights	625,000	0	0			625,000
19	390 Structures and Improvements	2,031,734	11,404,938	0			13,436,672
20	391 Office Furniture and Equipment	636,339	17,475	0			653,814
21	392 Transportation Equipment	3,026,317	306,226	0			3,332,543
22	393 Stores Equipment	0	0	0			-
23	394 Tools, Shop and Garage Equipment	78,969	0	0			78,969
24	395 Laboratory Equipment	46,395	0	0			46,395
25	396 Power Operated Equipment	0	0	0			-
26	397 Communication Equipment	1,459,014	2,888	0			1,461,902
27	398 Miscellaneous Equipment	21,599	0	0			21,599
28	399 Other Tangible Property	0	0	0			-
29	Total General Plant	7,925,367	11,731,527	0	0	0	19,656,894
30	Total Electric Plant in Service	89,218,886	13,426,950	(101,600)	0	0	102,544,236
31							Total Cost of Electric Plant.....
33							102,544,236
34							Less Cost of Land, Land Rights, Rights of Way.....
							1,497,510
							Total Cost upon which Depreciation is based
							101,046,726
The above figures should show the original cost of the 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 value, should be taken as a basis for figuring depreciation.							

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COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	37,800,476	48,595,784	10,795,308
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	37,800,476	48,595,784	10,795,308
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	0	0	0
13	126	Depreciation Fund (P. 14)	5,424,235	6,060,528	636,293
14	128	Other Special Funds	10,084,331	12,304,228	2,219,897
15		Total Funds	15,508,566	18,364,756	2,856,190
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	0	0	0
18	132	Special Deposits	585,605	383,332	(202,273)
19	135	Working Funds	0	0	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	2,005,642	2,794,145	788,503
22	143	Other Accounts Receivable	0	0	0
23	145	Receivables from Municipality	0	0	0
24	146	Receivables from Broadband	0	0	0
25					
26	165	Prepayments	3,180,035	2,900,501	(279,534)
27	173	Accrued Utility Revenues	2,628,808	1,290,958	(1,337,850)
28		Total Current and Accrued Assets	8,400,090	7,368,936	(1,031,154)
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	0	0	0
31	182	Extraordinary Property Losses	0	0	0
32	185	Other Deferred Debits	546,343	2,696,935	2,150,592
33		Total Deferred Debits	546,343	2,696,935	2,150,592
34					
35		Total Assets and Other Debits	62,255,475	77,026,411	14,770,936

COMPARATIVE BALANCE SHEET Liabilities and Other Credits					
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	0	0
3		SURPLUS			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	74,920,808	82,443,708	7,522,900
6	207	Appropriations for Construction Repayments	2,849,896	2,849,896	0
7	208	Unappropriated Earned Surplus (P. 12)	(83,405,236)	(83,057,741)	347,495
8		Total Surplus	(5,634,532)	2,235,863	7,870,395
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	43,924,900	48,902,000	4,977,100
11	231	Notes Payable (P. 7)	0	0	0
12		Total Bonds and Notes	43,924,900	48,902,000	4,977,100
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	2,957,841	2,346,786	(611,055)
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	585,605	383,332	(202,273)
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	1,089,669	1,129,967	40,298
19	242	Miscellaneous Current and Accrued Liabilities	132,809	148,258	15,449
20		Total Current and Accrued Liabilities	4,765,924	4,008,343	(757,581)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	0	101,000	101,000
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	719,273	2,813,350	2,094,077
25		Total Deferred Credits	719,273	2,914,350	2,195,077
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	484,685	484,685	0
28	261	Property Insurance Reserve	0	0	0
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	8,912,671	9,040,317	127,646
31	265	Miscellaneous Operating Reserves	8,888,625	9,253,114	364,489
32		Total Reserves	18,285,981	18,778,116	492,135
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	193,929	187,739	(6,190)
35		Total Liabilities and Other Credits	62,255,475	77,026,411	14,770,936

State below if any earning 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 (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	62,161,374	3,138,069
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	37,344,620	(1,271,493)
5	402 Maintenance Expense	1,966,213	(40,021)
6	403 Depreciation Expense	2,631,642	28,864
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	41,942,475	(1,282,650)
11	Operating Income	20,218,899	4,420,719
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	20,218,899	4,420,719
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	369,444	356,492
18	421 Miscellaneous Nonoperating Income (P. 21)	110,306	110,306
19	Total Other Income	479,750	466,798
20	Total Income	20,698,649	4,887,517
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(6,189)	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(6,189)	0
25	Income Before Interest Charges	20,704,838	4,887,517
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	1,823,827	(50,039)
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	0	0
30	431 Other Interest Expense	0	0
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	1,823,827	(50,039)
33	NET INCOME	18,881,011	4,937,556
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	83,405,236	
35			
36			
37	433 Balance Transferred from Income		18,881,011
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	11,010,616	
40	436 Appropriations of Surplus (P. 21)	7,522,900	
41	437 Surplus Applied to Depreciation	0	
42	208 Unappropriated Earned Surplus (at end of period)		83,057,741
43			
44	TOTALS	101,938,752	101,938,752

CASH BALANCES AT END OF YEAR					
Line No.	Items (a)	Amount (b)			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12		TOTAL	0		
MATERIALS AND SUPPLIES (Accounts 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 (151))				
17	Merchandise (Account 155)				
18	Other Materials and Supplies (Account 156)				
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)				
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)				
21	Nuclear Byproduct Materials (Account 159)				
22	Stores Expense (Account 163)				
23	Total Per Balance Sheet			0	0
DEPRECIATION FUND ACCOUNT (Account 126)					
Line No.	(a)	Amount (b)			
24	DEBITS				
25	Balance of account at beginning of year	5,424,235			
26	Income during year from balance on deposit (interest)				
27	Amount transferred from income	2,602,800			
28	Miscellaneous Debits				
29	TOTAL	8,027,035			
30	CREDITS				
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	1,966,507			
32	Amounts expended for renewals,viz:-				
33	Miscellaneous Credits				
34					
35					
36					
37					
38					
39	Balance on hand at end of year	6,060,528			
40	TOTAL	8,027,035			

UTILITY 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).
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		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
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 Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
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	0	0	0	0	0

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	0	0	0	0	0
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	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights	841,112	0	0	0	0	841,112
22	351 Clearing Land and Rights of Way	415,000	0	0	0	0	415,000
23	352 Structures and Improvements	4,116,213	24,848	194,006	0	0	3,947,055
24	353 Station Equipment	8,417,559	507,238	394,236	0	0	8,530,561
25	354 Towers and Fixtures	0	0	0	0	0	0
26	355 Poles and Fixtures	3,323,938	59,576	110,099	0	0	3,273,415
27	356 Overhead Conductors and Devices	2,865,963	44,408	91,014	0	0	2,819,357
28	357 Underground Conduit	1,197,136	0	66,298	0	0	1,130,838
29	358 Underground Conductors and Devices	1,231,799	0	71,375	0	0	1,160,424
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	22,408,720	636,070	927,028	0	0	22,117,762

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	31,398	0	0	0	0	31,398
3	361 Structures and Improvements	526,069	259,487	16,491	0	0	769,065
4	362 Station Equipment	1,700,430	52,496	349,519	0	0	1,403,407
5	363 Storage Battery Equipment	0	0	0	0	0	0
6	364 Poles Towers and Fixtures	77,795	31,426	20,377	0	0	88,844
7	365 Overhead Conductors and Devices	259,303	217,775	63,510	0	0	413,568
8	366 Underground Conduit	985,163	53,521	469,790	0	0	568,894
9	367 Underground Conductors and Devices	3,400,685	194,471	247,900	0	0	3,347,256
10	368 Line Transformers	0	217,574	29,414	0	0	188,160
11	369 Services	0	3,468	0	0	0	3,468
12	370 Meters	2,189,885	11,287	260,674	0	0	1,940,498
13	371 Installations on Customer's Premises	830	0	830	0	0	0
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	734,497	17,848	27,098	0	0	725,247
16	Total Distribution Plant	9,906,055	1,059,353	1,485,603	0	0	9,479,805
17	5. GENERAL PLANT						
18	389 Land and Land Rights	625,000	0	0	0	0	625,000
19	390 Structures and Improvements	1,756,754	11,404,938	60,952	0	0	13,100,740
20	391 Office Furniture and Equipment	23,491	17,475	4,370	0	0	36,596
21	392 Transportation Equipment	2,384,653	306,226	105,510	0	0	2,585,369
22	393 Stores Equipment	0	0	0	0	0	0
23	394 Tools, Shop and Garage Equipment	50,281	0	2,369	0	0	47,912
24	395 Laboratory Equipment	7,542	0	1,392	0	0	6,150
25	396 Power Operated Equipment	0	0	0	0	0	0
26	397 Communication Equipment	628,501	2,888	43,770	0	0	587,619
27	398 Miscellaneous Equipment	9,479	0	648	0	0	8,831
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	5,485,701	11,731,527	219,011	0	0	16,998,217
30	Total Electric Plant in Service	37,800,476	13,426,950	2,631,642	0	0	48,595,784
31	104 Utility Plant Leased to Others	0	0	0	0	0	0
32	105 Property Held for Future Use	0	0	0	0	0	0
33	107 Construction Work in Progress	0	0	0	0	0	0
34	Total Utility Plant Electric	37,800,476	13,426,950	2,631,642	0	0	48,595,784

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					
2	Received During Year					
3	TOTAL	0				
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0				
13	BALANCE END OF YEAR	0				
Line No.	Item (g)		Kinds of Fuel and Oil - continued			
			Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Disaster Recovery Income	110,306
2		
3		
4		
5		
6	TOTAL	110,306
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Light department receipts benefiting the town and retained by	
25	the town, in excess of appropriations benefiting the light department.	9,910,616
26		
27	Payment in Lieu of Taxes	1,100,000
28		
29		
30		
31		
32	TOTAL	11,010,616
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Bond Payment	7,522,900
35		
36		
37		
38		
39		
40	TOTAL	7,522,900

MUNICIPAL REVENUES (Account 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 MCF (cents) (0.0000) (d)	
1						
2						
3						
4		TOTALS				
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)	
5	444-2	Municipal: (Other than Street Lighting)	5,338,360	1,019,666	0.1910	
6						
7						
8						
9						
10						
11						
12		TOTALS	5,338,360	1,019,666	0.1910	
13	444-1	Street Lighting	1,344,180	160,176	0.1192	
14						
15						
16						
17						
18		TOTALS	1,344,180	160,176	0.1192	
19		TOTALS	6,682,540	1,179,842	0.1766	
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 KWH (cents) (0.0000) (e)
20		Shell		51,451,710	2,466,720	0.0479
21		Saddleback		9,324,140	668,000	0.0716
22		Spruce Mountain		10,072,070	792,096	0.0786
23		Canton		6,379,540	510,899	0.0801
24		NU Gen (Solar)		4,133,680	263,512	0.0637
25		MMWEC - PASNY	115KV	13,057,990	318,296	0.0244
26		NextEra	115KV	99,768,850	5,759,656	0.0577
27		NextEra Virtual Power		46,720,000	2,486,977	0.0532
28		Miller		10,327,040	502,369	0.0486
29		ISO/Other		81,326,321	18,215,940	0.2240
29			TOTALS	332,561,341	31,984,465	0.0962
SALES FOR RESALE (Account 447)						
Line No.		Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30						
31						
32						
33						
34						
35						
36						
37						
38						
39			TOTALS	0	0	

<p>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.</p> <p>2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</p> <p>3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate</p>							
<p>ELECTRIC OPERATING REVENUES (Account 400)</p> <p>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.</p> <p>4. Unmetered sales should be included below. The details of such sales should be given in a footnote.</p> <p>5. Classification on Commercial and Industrial Sales, Account 442, 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. See Account 442 of the Uniform System of Accounts. Explain basis of Classification</p>							
Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	15,559,892	447,161	87,111,488	(3,982,040)	13,730	81
3	442 Commercial and Industrial Sales	41,653,784	2,428,694	227,287,863	(2,115,775)	2,236	15
4	Small Commercial B Sales	0	0	0	0		0
5	Large Commercial C Sales	0	0	0	0		0
6	444 Municipal Sales	1,179,842	70,863	6,682,540	(959,522)	8	0
7	445 Other Sales to Public Authorities	0	0	0	0		0
8	446 Sales to Railroads and Railways	0	0	0	0	0	0
9	448 Interdepartmental Sales	0	0	0	0		0
10	449 Miscellaneous Sales	0	0	0	0	0	0
11	Total Sales to Ultimate Consumers	58,393,518	2,946,718	321,081,891	(7,057,337)	15,974	96
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	58,393,518	2,946,718	321,081,891	(7,057,337)	15,974	96
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	871,281	231,851				
16	451 Miscellaneous Service Revenues	0	0				
17	453 Sales of Water and Water Power	0	0				
18	454 Rent from Electric Property	0	0				
19	455 Interdepartmental Rents	0	0				
20	456 Other Electric Revenues - NSTAR	2,896,575	(40,500)				
21							
22							
23							
24							
25	Total Other Operating Revenues	3,767,856	191,351				
26	Total Electric Operating Revenue	62,161,374	3,138,069				

* Includes revenues from application of fuel clauses \$ 0.000

Total KWH to which applied 321,081,891

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, contract 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 KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440.000	Residential	86,346,522	15,425,119	0.1786	13,620	13,730
2	442.000	Commercial	97,508,602	19,836,635	0.2034	1,993	1,997
3	442.000	Industrial	129,779,261	21,817,149	0.1681	46	45
4	442.000	Municipal Building	5,338,360	1,019,666	0.1910	7	7
5	442.300	Municipal Street Lighting	1,344,180	160,176	0.1192	1	1
6	442.400	Security Light	764,966	134,773	0.1762	193	194
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			321,081,891	58,393,518	0.1819	15,860	15,974

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 derived 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 EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering	0	0
5	501 Fuel	0	0
6	502 Steam Expenses	0	0
7	503 Steam from other sources	0	0
8	504 Steam transferred -- Cr.	0	0
9	505 Electric expenses	0	0
10	506 Miscellaneous steam power expenses	0	0
11	507 Rents	0	0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	0	0
16	512 Maintenance of boiler plant	0	0
17	513 Maintenance of electric plant	0	0
18	514 Maintenance of miscellaneous steam plant	0	0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering	0	0
44	536 Water for power	0	0
45	537 Hydraulic expenses	0	0
46	538 Electric expenses	0	0
47	539 Miscellaneous hydraulic power generation expenses	0	0
48	540 Rents	0	0
49	Total Operation	0	0

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	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	0	0
13	547 Fuel	0	0
14	548 Generation Expenses	0	0
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	0	0
21	553 Maintenance of generating and electric plant	0	0
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	28,695,132	(1,286,460)
27	556 System control and load dispatching	0	0
28	557 Other expenses	609,854	160,813
29	Total other power supply expenses	29,304,986	(1,125,647)
30	Total power production expenses	29,304,986	(1,125,647)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	224,647	2,217
35	562 Station expenses	361,321	67,762
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	2,679,479	(3,548)
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	3,265,447	66,431
42	Maintenance:		
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	10,533	(9,721)
46	571 Maintenance of overhead lines	818,892	8,261
47	572 Maintenance of underground lines	17,581	(1,972)
48	573 Maintenance of miscellaneous transmission plant	0	0
49	Total maintenance	847,006	(3,432)
50	Total transmission expenses	4,112,453	62,999

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	99,198	42,904
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	154,766	(142,842)
6	583 Overhead line expenses	388,706	3,922
7	584 Underground line expenses	17,725	(1,988)
8	585 Street lighting and signal system expenses	15,734	(31,275)
9	586 Meter expenses	15,131	(12,956)
10	587 Customer installations expenses	1,787	(4,073)
11	588 Miscellaneous distribution expenses	119,103	36,785
12	589 Rents	630	(315)
13	Total operation	812,780	(109,838)
14	Maintenance:		
15	590 Maintenance supervision and engineering	293,757	24,157
16	591 Maintenance of structures	42,437	39,463
17	592 Maintenance of station equipment	113,113	(104,397)
18	593 Maintenance of overhead lines	325,958	3,289
19	594 Maintenance of underground lines	58,143	(6,520)
20	595 Maintenance of line transformers	200,727	(12,955)
21	596 Maintenance of street lighting and signal systems	7,154	(1,882)
22	597 Maintenance of meters	27,969	18,540
23	598 Maintenance of miscellaneous distribution plant	90	90
24	Total maintenance	1,069,348	(40,215)
25	Total distribution expenses	1,882,128	(150,053)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	315,670	(88,180)
30	903 Customer records and collection expenses	807,202	138,514
31	904 Uncollectible accounts	104,321	11,351
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	1,227,193	61,685
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	77,710	(151,022)
38	913 Advertising expenses	2,171	(9,888)
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	79,881	(160,910)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	775,589	156,504
44	921 Office supplies and expenses	10,443	7,706
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	131,383	(145,503)
47	924 Property insurance	125,000	9,375
48	925 Injuries and damages	751,944	25,136
49	926 Employee pensions and benefits	594,884	(52,447)
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	249,300	9,797
53	931 Rents	15,790	(13,782)
55	Total operation	2,654,333	(3,214)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.			
2	Maintenance:			
3	932 Maintenance of general plant	49,859		3,626
4	Total administrative and general expenses	2,704,192		412
5	Total Electric Operation and Maintenance Expenses	39,310,833		(1,311,514)
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	29,304,986		29,304,986
13	Total power production expenses	29,304,986		29,304,986
14	Transmission Expenses	3,265,447	847,006	4,112,453
15	Distribution Expenses	812,780	1,069,348	1,882,128
16	Customer Accounts Expenses	1,227,193		1,227,193
17	Sales Expenses	79,881		79,881
18	Administrative and General Expenses	2,654,333	49,859	2,704,192
19	Total Electric Operation and			
20	Maintenance Expenses	37,344,620	1,966,213	39,310,833
21	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 and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)			67.47%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			4,235,826
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			37

TAXES CHARGED DURING THE YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final 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 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 be readily 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 the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion more than one utility department 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)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
	TOTALS								

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 Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415) Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the 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				0
5	Commissions				0
6	Other (list according to major classes)				0
7					
8					
9					
10	Total Revenues	0	0	0	0
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs				0
17	Materials				0
18	Outside Service Labor				
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	0	0
51	Net Profit (or loss)	0	0	0	0

SALES FOR RESALE (Account 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: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								

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 sales may be grouped.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
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								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42

**PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)**

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 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 purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41	** Includes transmission and administrative charges and decommissioning							
42								

**PURCHASED POWER (Account 555)
(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 columns (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 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)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	-	-	-	-		42

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 (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (a)	Delivered (f)	Net Difference (g)	
1								0
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				0	0	0	0

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13			
14			
15			
16			
17			
18			
19			
20			
21	TOTAL		0

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	
8	Purchases	322,234,301
9	(In (gross)	
10	< Out (gross)	
11	(Net (Kwh)	10,327,040
12	(Received	
13	< Delivered	
14	(Net (Kwh)	0
15	TOTAL	332,561,341
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	321,081,891
18	Sales for resale	0
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	
24	Distribution losses 3.45%	11,479,450
25	Unaccounted for losses	
26	Total energy losses	11,479,450
27	Energy losses as percent of total on line 15 3.45%	
28	TOTAL	332,561,341

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation

as to the nature of the emergency.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes 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 not physically connected, the information called for below should be furnished for each system.

Town of NORWOOD

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	52,083	Thursday	31	11:00 AM	60 min	29,092,112
30	February	50,911	Friday	1	10:00 AM	60 min	25,684,095
31	March	48,158	Thursday	7	10:00 AM	60 min	26,981,022
32	April	43,176	Tuesday	9	12:00 PM	60 min	23,969,907
33	May	51,702	Monday	20	3:00 PM	60 min	24,999,225
34	June	64,353	Friday	28	3:00 PM	60 min	28,245,227
35	July	75,312	Tuesday	30	2:00 PM	60 min	35,630,895
36	August	72,016	Monday	19	2:00 PM	60 min	32,764,805
37	September	63,289	Monday	23	4:00 PM	60 min	26,432,371
38	October	50,541	Wednesday	2	2:00 PM	60 min	25,335,532
39	November	46,024	Wednesday	13	10:00 AM	60 min	25,609,738
40	December	50,153	Thursday	19	6:00 PM	60 min	27,816,412
41						TOTAL	332,561,341

GENERATING STATIONS						Pages 58 through 66
GENERATING STATION STATISTICS (Large Stations) (Except Nuclear)						Pages 58-59
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
STEAM GENERATING STATIONS						Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
HYDROELECTRIC GENERATING STATIONS						Pages 62-63
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
COMBUSTION ENGINE AND OTHER GENERATING STATIONS						Pages 64-65
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
GENERATING STATION STATISTICS (Small Stations)						Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						

TRANSMISSION LINE STATISTICS								
Report information concerning transmission line as indicated below.								
Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Sharon	Norwood	115KV	Wood	3.300	None	1	795 MCM
2				H Frame	3.300		1	OPGW
3								
4	STA 495	STA 469	115KV	Underground	2.2 Miles		2	1000 MCM
5	Dean St	Ellis Ave			2-4 Way			Solid
6					Duct Banks			Dieleutric
7								Copper
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
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35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				0		4	

* 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 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 and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Station 495 - Dean Street	Distribution Attended	115,000	13,800		205,000	4	0	None		
2	Station 469 - Ellis Ave	Distribution - Unattended	115,000	13,800		165,000	3	0	None		
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26	TOTALS					370,000	7	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	138.68		138.68
2	Added During Year	0.04		0.04
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	138.72	0.00	138.72
5	* Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
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:	9,406	29,968	3,940	338,053.0
17	Additions during year:				
18	Purchased		24	0	5,200.0
19	Installed	0	258	0	2,875.0
20	Associated with utility plant acquired				
21	Total Additions	0	282	0	8,075.0
22	Reductions during year:				
23	Retirements	0	12,192	0	1,650.0
24	Associated with utility plant sold				
25	Total Reductions	0	12,192	0	1,650.0
26	Number at end of year	9,406	18,058	3,940	344,478.0
27	In stock		2,217	107	27,703.0
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		15,749	3,833	316,775.0
31	In company's use				
32	Number at end of year		17,966	3,940	344,478.0

*

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 System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1		24.780	7.53 3/C	220 Volts		
2			9.27 1/C	220 Volts		
3			.05 2/C	220 Volts		
4			34.25 3/C	13,800 Volts		
5			6.48 1/C	13,800 Volts		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
49	TOTALS	24.78	57.46			

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	Type							
			LED		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Norwood	2,942	2,890	0	12	0	0	0	40	0
2										
3										
4										
5										
6										
7										
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48										
49										
50										
51										
52	TOTALS	2,942	2,890	-	12	-	-	-	40	-

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 revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		<i>No Rate Changes for 2019</i>		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

Town Manager

Tony Mazzucco

Paul A. Bishop

William J. Plasko

Allan D. Howard

Thomas F. Maloney

David E. Hajjar

Selectmen
or
Members
of the
Municipal
Light
BoardSIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF
MASSACHUSETTS MUST BE PROPERLY SWORN TO

SS

20

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

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