

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,

2016

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

Official title: Town Manager

John J. Carroll

Office address: 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, 2016, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form. 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.

Other Matter

The financial statements included in the accompanying prescribed form are intended to comply 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.

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
May 12, 2017

206 Southbridge Street
Auburn MA, 01501

324 Grove Street
Worcester MA, 01605

54 E. Main Street
Webster, MA 01570

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GENERAL INFORMATION**Page 3**

- | | | |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: | John J. Carroll
80 Smith Road
Milton, MA |
| 4. | Name and address of mayor or selectmen: | Thomas F. Maloney Norwood
William J. Plasko Norwood
Helen Abdallah Donohue Norwood
Allan D. Howard Norwood
Paul A. Bishop Norwood |
| 5. | Name and address of town (or city) treasurer: | Robert Marsh
8 Norwich Road
Norwood, MA |
| 6. | Name and address of town (or city) clerk: | Thomas McQuaid
65 Albermale Road
Norwood, MA |
| 7. | Names and addresses of members of municipal light board: | Thomas F. Maloney Norwood
William J. Plasko Norwood
Helen Abdallah Donohue Norwood
Allan D. Howard Norwood
Paul A. Bishop Norwood |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 5,017,604,317 |
| 9. | Tax rate for all purposes during the year: | |
| | Residential | \$11.15 |
| | Commercial/Industrial/Personal Property | \$22.46 |
| 10. | Amount of manager's salary: | \$161,029 |
| 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	47,500,000
3	TOTAL	47,500,000
4		
5	EXPENSES	
6	For operation, maintenance and repairs	40,000,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund (3.00% 85,754,145 as per page 8B)	2,572,624
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13	TOTAL	42,572,624
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	560,326
19	Of electricity to be used for street lights	351,416
20	Total of above items to be included in the tax levy	911,742
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	911,742

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	15,709
TOTAL	0	TOTAL	15,709

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 351,416

2. Municipal buildings 560,326

3.

TOTAL 911,742

* 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

Bonds (Issued on Account of Gas or Electric Lighting.)							
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Apr-69	Apr-69	2,300,000					
	Jul-70	1,098,000					
May-00	Jan-01	12,560,000	630,000	January 15th	Variable	Jan 15th & July 15th	3,125,000
2007	Jan-08	53,000,000	3,625,000	January 15th	Variable	Jan 15th & July 15th	29,080,000
2008	8/15/2009	18,000,000	900,000	August 15th	Variable	Feb & Aug 15th	11,700,000
2007	8/15/2009	20,000,000	1,335,000	August 15th	Variable	Feb & Aug 15th	10,655,000
2009	10/15/2009	4,500,000	300,000	October 15th	Variable	April & October 15th	2,400,000
2016	7/28/2016	6,000,000	320,000	July 15th	Variable	January & July	6,000,000
	TOTAL	117,458,000				TOTAL	62,960,000

The bonds and notes outstanding at end of 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

** List original issues of bonds and notes including those that have been repaid

Town Notes

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
	TOTAL	0				TOTAL	0

The bonds and notes outstanding at end of 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
 ** List original issues of bonds and notes including those that have been repaid

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	141,112	700,000				841,112
22	351 Clearing Land and Rights of Way	-	415,000				415,000
23	352 Structures and Improvements	6,461,999	4,869				6,466,868
24	353 Station Equipment	13,129,995	5,217				13,135,212
25	354 Towers and Fixtures	-	-				-
26	355 Poles and Fixtures	887,112	3,544,136	(761,294)			3,669,954
27	356 Overhead Conductors and Devices	493,962	2,462,874	(108,442)			2,848,394
28	357 Underground Conduit	2,209,943	-				2,209,943
29	358 Underground Conductors and Devices	2,379,160	-				2,379,160
30	359 Roads and Trails	-	0				-
31	Total Transmission Plant	25,703,283	7,132,096	(869,736)	0	0	31,965,643

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	-				31,398
3	361 Structures and Improvements	3,270,718	102,059				3,372,777
4	362 Station Equipment	8,308,941	45,377				8,354,318
5	363 Storage Battery Equipment	-	-				-
6	364 Poles Towers and Fixtures	2,879,187	41,344	(6,500)			2,914,031
7	365 Overhead Conductors and Devices	5,731,867	155,225	(33,700)			5,853,392
8	366 Underground Conduit	11,380,157	179,577				11,559,734
9	367 Underground Conductors and Devices	4,580,283	-	(12,850)			4,567,433
10	368 Line Transformers	4,700,928	20,798				4,721,726
11	369 Services	1,201,526	-	(7,300)			1,194,226
12	370 Meters	2,849,994	1,794,071	(260,640)			4,383,425
13	371 Installations on Customer's Premises	-	-				-
14	372 Leased Prop on Customer's Premises	-	-				-
15	373 Streetlight and Signal Systems	486,680	5,052	(6,050)			485,682
16	Total Distribution Plant	45,421,679	2,343,503	(327,040)	0	0	47,438,142
17	5. GENERAL PLANT						
18	389 Land and Land Rights	-	625,000				625,000
19	390 Structures and Improvements	156,734	1,875,000				2,031,734
20	391 Office Furniture and Equipment	590,755	45,038				635,793
21	392 Transportation Equipment	2,913,618	38,507				2,952,125
22	393 Stores Equipment	-	-				-
23	394 Tools, Shop and Garage Equipment	78,610	71				78,681
24	395 Laboratory Equipment	46,395	-				46,395
25	396 Power Operated Equipment	-	-				-
26	397 Communication Equipment	1,428,074	28,469				1,456,543
27	398 Miscellaneous Equipment	21,599	-				21,599
28	399 Other Tangible Property	-	-				-
29	Total General Plant	5,235,785	2,612,085	0	0	0	7,847,870
30	Total Electric Plant in Service	76,360,747	12,087,684	(1,196,776)	0	0	87,251,655
31							Total Cost of Electric Plant..... 87,251,655
33							Less Cost of Land, Land Rights, Rights of Way..... 1,497,510
34							Total Cost upon which Depreciation is based 85,754,145

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)	30,906,024	40,708,060	9,802,036	
3	101 Utility Plant - Gas (P. 20)			0	
4					
5	Total Utility Plant	30,906,024	40,708,060	9,802,036	
6					
7					
8					
9					
10					
11	FUND ACCOUNTS				
12	125 Sinking Funds			0	
13	126 Depreciation Fund (P. 14)	4,581,312	4,063,579	(517,733)	
14	128 Other Special Funds	13,346,342	12,006,105	(1,340,237)	
15	Total Funds	17,927,654	16,069,684	(1,857,970)	
16	CURRENT AND ACCRUED ASSETS				
17	131 Cash (P. 14)	0	0	0	
18	132 Special Deposits	552,147	635,217	83,070	
19	135 Working Funds	0	0	0	
20	141 Notes Receivable	0	0	0	
21	142 Customer Accounts Receivable	2,486,231	2,587,343	101,112	
22	143 Other Accounts Receivable	0	0	0	
23	145 Receivables from Municipality	181,283	181,283	0	
24	146 Receivables from Broadband	28,002	28,002	0	
25					
26	165 Prepayments	3,917,055	3,638,415	(278,640)	
27	173 Accrued Utility Revenues	3,264,250	1,669,982	(1,594,268)	
28	Total Current and Accrued Assets	10,428,968	8,740,242	(1,688,726)	
29	DEFERRED DEBITS				
30	181 Unamortized Debt Discount				
31	182 Extraordinary Property Losses				
32	185 Other Deferred Debits	222,692	240,507	17,815	
33	Total Deferred Debits	222,692	240,507	17,815	
34					
35	Total Assets and Other Debits	59,485,338	65,758,493	6,273,155	

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	49,986,808	56,616,808	6,630,000
6	207	Appropriations for Construction Repayments	2,849,896	2,849,896	0
7	208	Unappropriated Earned Surplus (P. 12)	(79,080,822)	(76,632,268)	2,448,554
8		Total Surplus	(26,244,118)	(17,165,564)	9,078,554
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	63,590,000	62,960,000	(630,000)
11	231	Notes Payable (P. 7)		0	0
12		Total Bonds and Notes	63,590,000	62,960,000	(630,000)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	2,562,731	2,208,104	(354,627)
15	234	Payables to Municipality	378,444	378,444	0
16	235	Customers' Deposits	490,523	635,217	144,694
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	1,456,410	1,354,732	(101,678)
19	242	Miscellaneous Current and Accrued Liabilities	102,176	103,699	1,523
20		Total Current and Accrued Liabilities	4,990,284	4,680,196	(310,088)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	2,952,966	938,153	(2,014,813)
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	0	0	0
25		Total Deferred Credits	2,952,966	938,153	(2,014,813)
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	5,503,097	5,589,558	86,461
31	265	Miscellaneous Operating Reserves	8,002,117	8,065,158	63,041
32		Total Reserves	13,989,899	14,139,401	149,502
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	206,307	206,307	0
35		Total Liabilities and Other Credits	59,485,338	65,758,493	6,273,155

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)	50,113,393	(82,880)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	33,653,890	454,107
5	402 Maintenance Expense	1,011,388	20,797
6	403 Depreciation Expense	2,285,648	34,022
7	407 Amortization of Property Losses		0
8			
9	408 Taxes (P. 49)		0
10	Total Operating Expenses	36,950,926	508,926
11	Operating Income	13,162,467	(591,806)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	13,162,467	(591,806)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	39,415	28,176
18	421 Miscellaneous Nonoperating Income (P. 21)	(30,396)	159,316
19	Total Other Income	9,019	187,492
20	Total Income	13,171,486	(404,314)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	0	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	13,171,486	(404,314)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	2,335,619	(334,003)
28	428 Amortization of Debt Discount and Expense		0
29	429 Amortization of Premium on Debt - Credit		0
30	431 Other Interest Expense		0
31	432 Interest: Charged to Construction - Credit		0
32	Total Interest Charges	2,335,619	(334,003)
33	NET INCOME	10,835,867	(70,311)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	79,080,822	
35			
36			
37	433 Balance Transferred from Income		10,835,867
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	1,757,313	
40	436 Appropriations of Surplus (P. 21)	6,630,000	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)		76,632,268
43			
44	TOTALS	87,468,135	87,468,135

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		4,581,312
26	Income during year from balance on deposit (interest)		
27	Amount transferred from income		2,366,036
28	Miscellaneous Debits		
29		TOTAL	6,947,348
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)		2,883,769
32	Amounts expended for renewals,viz:-		
33	Miscellaneous Credits		
34			
35			
36			
37			
38			
39	Balance on hand at end of year		4,063,579
40		TOTAL	6,947,348

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	-	-	-	-	-	-
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	-	-	-	-	-	-
19	Total Production Plant	-	-	-	-	-	-
20	3. Transmission Plant						
21	350 Land and Land Rights	141,112	700,000			-	841,112
22	351 Clearing Land and Rights of Way	-	415,000			-	415,000
23	352 Structures and Improvements	4,693,216	4,869	193,860		-	4,504,225
24	353 Station Equipment	9,609,781	5,217	415,150		-	9,199,848
25	354 Towers and Fixtures	-	-	-		-	-
26	355 Poles and Fixtures	5,363	3,544,136	5,363		-	3,544,136
27	356 Overhead Conductors and Devices	407,499	2,462,874	14,819		-	2,855,554
28	357 Underground Conduit	1,396,030	-	66,298		-	1,329,732
29	358 Underground Conductors and Devices	1,445,924	-	71,375		-	1,374,549
30	359 Roads and Trails	-	-	-		-	-
31	Total Transmission Plant	17,698,925	7,132,096	766,865		-	24,064,156

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	-				31,398
3	361 Structures and Improvements	-	102,059	441		-	101,618
4	362 Station Equipment	2,658,726	45,377	346,949		-	2,357,154
5	363 Storage Battery Equipment	-	-	-		-	-
6	364 Poles Towers and Fixtures	62,947	41,344	86,376		-	17,915
7	365 Overhead Conductors and Devices	-	155,225	53,865		-	101,360
8	366 Underground Conduit	2,209,992	179,577	464,724		-	1,924,845
9	367 Underground Conductors and Devices	3,857,575	-	137,408		-	3,720,167
10	368 Line Transformers	310,335	20,798	141,028		-	190,105
11	369 Services	-	-	-		-	-
12	370 Meters	153,385	1,794,071	116,318		-	1,831,138
13	371 Installations on Customer's Premises	830	-	-		-	830
14	372 Leased Prop on Customer's Premises	-	-	-		-	-
15	373 Streetlight and Signal Systems	354,354	5,052	14,600		-	344,806
16	Total Distribution Plant	9,639,542	2,343,503	1,361,709	-	-	10,621,336
17	5. GENERAL PLANT						
18	389 Land and Land Rights	-	625,000				625,000
19	390 Structures and Improvements	8,360	1,875,000	4,702			1,878,658
20	391 Office Furniture and Equipment	4,354	45,038	17,723			31,669
21	392 Transportation Equipment	2,567,062	38,507	87,409			2,518,160
22	393 Stores Equipment	-	-	-			-
23	394 Tools, Shop and Garage Equipment	57,003	71	2,358			54,716
24	395 Laboratory Equipment	11,718	-	1,392			10,326
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	727,795	28,469	42,842			713,422
27	398 Miscellaneous Equipment	11,423	-	648			10,775
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	3,387,715	2,612,085	157,074	-	-	5,842,726
30	Total Electric Plant in Service	30,726,182	12,087,684	2,285,648	-	-	40,528,218
31	104 Utility Plant Leased to Others	-					-
32	105 Property Held for Future Use	-					-
33	107 Construction Work in Progress	179,842	-				179,842
34	Total Utility Plant Electric	30,906,024	12,087,684	2,285,648	-	-	40,708,060

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		Cost	
			(c)	(d)	(e)	(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)	Total Cost (b)	Kinds of Fuel and Oil - continued			
			Quantity		Cost	
			(h)	(i)	(j)	(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		
2		
3		
4		
5		
6	TOTAL	0
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 the town, in excess of appropriations benefiting the light department.	
25		657,313
26		
27	Payment in Lieu of Taxes	1,100,000
28		
29		
30		
31		
32	TOTAL	1,757,313
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Bond Payment	6,630,000
35		
36		
37		
38		
39		
40	TOTAL	6,630,000

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)	4,388,880	560,326	0.1277
6					
7					
8					
9					
10					
11					
12		TOTALS	4,388,880	560,326	0.1277
13	444-1	Street Lighting	3,045,612	351,416	0.1154
14					
15					
16					
17					
18		TOTALS	3,045,612	351,416	0.1154
19		TOTALS	7,434,492	911,742	0.1226

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		33,231,190	1,790,497	
21	Saddleback		9,153,330	602,838	0.0659
22	Spruce Mountain		11,322,710	740,273	0.0654
23	Rate Stabilization		0	0	
24	NU Gen (Solar)		4,279,670	261,060	
25	MMWEC - PASNY	115KV	12,196,420	293,101	0.0240
26	NextEra	115KV	199,384,238	13,554,140	0.0680
27	NextEra Virtual Power		46,848,000	3,046,979	0.0650
28	Miller		8,027,060	407,792	0.0508
29	ISO		7,864,440	7,421,736	0.9437
29		TOTALS	332,307,058	28,118,416	0.0846

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	

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 meters, plus number of late rate accounts except 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 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

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	12,835,609	(391,820)	90,831,841	(1,028,591)	13,473	268
3	442 Commercial and Industrial Sales	32,845,495	354,308	219,043,236	2,091,080	2,227	14
4	Small Commercial B Sales		0		0		0
5	Large Commercial C Sales		0		0		0
6	444 Municipal Sales	911,742	(42,241)	7,434,492	(692,856)	9	0
7	445 Other Sales to Public Authorities		0		0		0
8	446 Sales to Railroads and Railways		0		0	0	0
9	448 Interdepartmental Sales		0		0		0
10	449 Miscellaneous Sales		0		0	0	0
11	Total Sales to Ultimate Consumers	46,592,846	(79,753)	317,309,569	369,633	15,709	282
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	46,592,846	(79,753)	317,309,569	369,633	15,709	282
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	510,873	26,066				
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	3,009,674	(29,193)				
21							
22							
23							
24							
25	Total Other Operating Revenues	3,520,547	(3,127)				
26	Total Electric Operating Revenue	50,113,393	(82,880)				

* Includes revenues from application of fuel clauses \$ 0.000

Total KWH to which applied 317,309,569

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	400.000	Residential	90,052,261	12,671,114	0.1407	13,683	13,473
2	442.000	Commercial	100,816,312	16,663,157	0.1653	1,979	1,980
3	442.000	Industrial	118,226,924	16,182,338	0.1369	51	50
4	442.000	Municipal Building	4,388,880	560,326	0.1277	8	8
5	442.000	Municipal Street Lighting	3,045,612	351,416	0.1154	1	1
6	442.000	Security Light	779,580	164,495	0.2110	195	197
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			317,309,569	46,592,846	0.1468	15,917	15,709

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
5	501 Fuel		0
6	502 Steam Expenses		0
7	503 Steam from other sources		0
8	504 Steam transferred -- Cr.		0
9	505 Electric expenses		0
10	506 Miscellaneous steam power expenses		0
11	507 Rents		0
12	Total Operation	-	0
13	Maintenance:		
14	510 Maintenance supervision and engineering		0
15	511 Maintenance of Structures		0
16	512 Maintenance of boiler plant		0
17	513 Maintenance of electric plant		0
18	514 Maintenance of miscellaneous steam plant		0
19	Total Maintenance	-	0
20	Total power production expenses -steam power	-	0
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering		0
24	518 Fuel		0
25	519 Coolants and water		0
26	520 Steam Expenses		0
27	521 Steam from other sources		0
28	522 Steam transferred -- Cr.		0
29	523 Electric expenses		0
30	524 Miscellaneous nuclear power expenses		0
31	525 Rents		0
32	Total Operation	-	0
33	Maintenance:		
34	528 Maintenance supervision and engineering		0
35	529 Maintenance of Structures		0
36	530 Maintenance of reactor plant		0
37	531 Maintenance of electric plant		0
38	532 Maintenance of miscellaneous nuclear plant		0
39	Total Maintenance	-	0
40	Total power production expenses -nuclear power	-	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering		0
44	536 Water for power		0
45	537 Hydraulic expenses		0
46	538 Electric expenses		0
47	539 Miscellaneous hydraulic power generation expenses		0
48	540 Rents		0
49	Total Operation	-	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
4	542 Maintenance of structures		0
5	543 Maintenance or reservoirs, dams and waterways		0
6	544 Maintenance of electric plant		0
7	545 Maintenance of miscellaneous hydraulic plant		0
8	Total maintenance	-	0
9	Total power production expenses - hydraulic power	-	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		0
13	547 Fuel		0
14	548 Generation Expenses		0
15	549 Miscellaneous other power generation expense		0
16	550 Rents		0
17	Total Operation	-	0
18	Maintenance:		
19	551 Maintenance supervision and engineering		0
20	552 Maintenance of Structures		0
21	553 Maintenance of generating and electric plant		0
22	554 Maintenance of miscellaneous other power generation plant		0
23	Total Maintenance	-	0
24	Total power production expenses - other power	-	0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	25,239,279	717,953
27	556 System control and load dispatching	-	0
28	557 Other expenses	275,603	198,157
29	Total other power supply expenses	25,514,882	916,110
30	Total power production expenses	25,514,882	916,110
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching	209,722	53
35	562 Station expenses	236,214	(50,846)
36	563 Overhead line expenses	-	0
37	564 Underground line expenses	-	0
38	565 Transmission of electricity by others	3,379,172	296,429
39	566 Miscellaneous transmission expenses	-	0
40	567 Rents	-	0
41	Total Operation	3,825,108	245,636
42	Maintenance:		
43	568 Maintenance supervision and engineering	-	0
44	569 Maintenance of structures	-	0
45	570 Maintenance of station equipment	342	(11,016)
46	571 Maintenance of overhead lines	405,648	250,921
47	572 Maintenance of underground lines	4,410	(6,220)
48	573 Maintenance of miscellaneous transmission plant	-	0
49	Total maintenance	410,400	233,685
50	Total transmission expenses	4,235,508	479,321

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	48,115	7,027
4	581 Load dispatching (Operation Labor)	-	0
5	582 Station expenses	186,608	68,360
6	583 Overhead line expenses	612,902	(148,992)
7	584 Underground line expenses	17,232	(23,499)
8	585 Street lighting and signal system expenses	2,062	(9,918)
9	586 Meter expenses	20,427	10,807
10	587 Customer installations expenses	3,942	(1,391)
11	588 Miscellaneous distribution expenses	150,439	18,144
12	589 Rents	1,260	0
13	Total operation	1,042,987	(79,462)
14	Maintenance:		
15	590 Maintenance supervision and engineering	166,460	(35,020)
16	591 Maintenance of structures	643	(2,356)
17	592 Maintenance of station equipment	119,861	(56,421)
18	593 Maintenance of overhead lines	31,382	(86,089)
19	594 Maintenance of underground lines	41,403	15,961
20	595 Maintenance of line transformers	192,826	(8,952)
21	596 Maintenance of street lighting and signal systems	26,258	7,708
22	597 Maintenance of meters	9,515	(6,588)
23	598 Maintenance of miscellaneous distribution plant	-	(4,066)
24	Total maintenance	588,348	(175,823)
25	Total distribution expenses	1,631,335	(255,285)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	-	0
29	902 Meter reading expenses	407,107	(78,311)
30	903 Customer records and collection expenses	744,508	(95,094)
31	904 Uncollectible accounts	96,119	(3,969)
32	905 Miscellaneous customer accounts expenses	-	0
33	Total customer accounts expenses	1,247,734	(177,374)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	-	0
37	912 Demonstrating and selling expenses	218,316	99,707
38	913 Advertising expenses	3,220	(16,579)
39	916 Miscellaneous sales expenses	-	0
40	Total sales expenses	221,536	83,128
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	630,054	(45,892)
44	921 Office supplies and expenses	12,508	10,755
45	922 Administrative expenses transferred - Cr	-	0
46	923 Outside services employed	106,748	16,233
47	924 Property insurance	62,500	(56,250)
48	925 Injuries and damages	346,094	(289,674)
49	926 Employee pensions and benefits	417,386	(177,268)
50	928 Regulatory commission expenses	-	0
51	929 Store Expense	-	0
52	930 Miscellaneous general expenses	209,497	20,790
53	931 Rents	16,856	(12,625)
55	Total operation	1,801,643	(533,931)

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	12,640	(37,065)	
4	Total administrative and general expenses	1,814,283	(570,996)	
5	Total Electric Operation and Maintenance Expenses	34,665,278	474,904	
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	25,514,882		25,514,882
13	Total power production expenses	25,514,882		25,514,882
14	Transmission Expenses	3,825,108	410,400	4,235,508
15	Distribution Expenses	1,042,987	588,348	1,631,335
16	Customer Accounts Expenses	1,247,734		1,247,734
17	Sales Expenses	221,536		221,536
18	Administrative and General Expenses	1,801,643	12,640	1,814,283
19	Total Electric Operation and			
20	Maintenance Expenses	33,653,890	1,011,388	34,665,278
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)			73.73%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			3,261,454
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

Next Page is 49

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					
18					
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24					
25					
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27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	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) - 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 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
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								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		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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								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								-
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				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		-

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		324,279,998
9		(In (gross)	
10	Interchanges	< Out (gross)	
11		(Net (Kwh)	8,027,060
12		(Received	
13	Transmission for/by others (wheeling)	< Delivered	
14		(Net (Kwh)	0
15	TOTAL		332,307,058
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		317,309,569
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	4.51%	14,997,489
25	Unaccounted for losses		
26	Total energy losses		14,997,489
27	Energy losses as percent of total on line 15		4.51%
28		TOTAL	332,307,058

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	50,769	Tuesday	19	6:00 PM	60 min	27,908,771
30	February	48,865	Thursday	11	7:00 PM	60 min	25,898,035
31	March	45,461	Tuesday	3	7:00 PM	60 min	26,079,751
32	April	45,580	Monday	4	12:00 PM	60 min	24,102,752
33	May	57,739	Tuesday	31	4:00 PM	60 min	25,691,306
34	June	63,046	Wednesday	29	4:00 PM	60 min	28,674,531
35	July	73,840	Friday	22	4:00 PM	60 min	34,606,708
36	August	77,823	Friday	12	3:00 PM	60 min	34,922,019
37	September	69,053	Friday	9	4:00 PM	60 min	27,774,584
38	October	49,096	Wednesday	19	2:00 PM	60 min	24,759,272
39	November	45,481	Tuesday	29	6:00 PM	60 min	24,425,112
40	December	50,204	Thursday	15	6:00 PM	60 min	27,464,217
41						TOTAL	332,307,058

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			Dielectric
7								Copper
8								
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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											
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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	138.47		138.47
2	Added During Year	0.09		0.09
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	138.56	0.00	138.56
5	*			
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
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:	9,394	17,754	3,910	333,610.0
17	Additions during year				
18	Purchased		16,665	29	3,300.0
19	Installed	51	3,629	24	3,087.5
20	Associated with utility plant acquired				
21	Total Additions	51	20,294	53	6,387.5
22	Reductions during year:				
23	Retirements	48	8,688	46	
24	Associated with utility plant sold				
25	Total Reductions	48	8,688	46	0.0
26	Number at end of year	9,397	29,360	3,917	339,997.5
27	In stock		13,760	93	23,650.0
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		15,600	3,824	312,097.5
31	In company's use				
32	Number at end of year		29,360	3,917	335,747.5

*

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			34.21 3/C	13,800 Volts		
5			6.29 1/C	13,800 Volts		
6						
7						
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49	TOTALS	24.78	55.28			

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

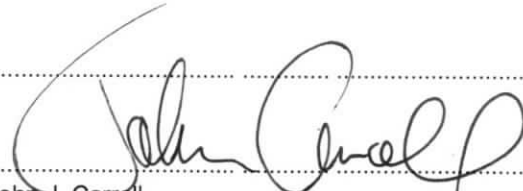
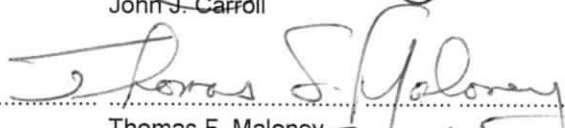
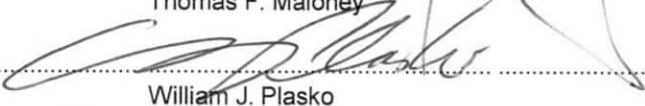
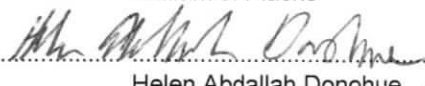
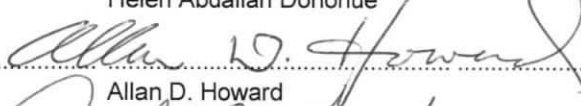
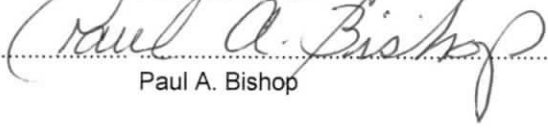
Line No.	City or Town (a)	Total (b)	Type								
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium		
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)	
1	Norwood	3,895			8					3887	
2											
3											
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51											
52	TOTALS	3895	0	0	8	0	0	0	0	3887	0

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
		No rate changes during the year ended December 31, 2016		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....	.....	Mayor
	
John J. Carroll	.....	Manager of Electric Light
)	
Thomas F. Maloney	.....
)	
William J. Plasko	.....	Selectmen
	)	or
Helen Abdallah Donohue	.....	Members
	)	of the
Allan D. Howard	.....	Municipal
	)	Light
Paul A. Bishop	.....	Board

SIGNATURES 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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