

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,

2015

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

Official title: Town Manager

Form AC-19

John J. Carroll

Office address: Municipal Building
Norwood, MA 02062

GOULET, SALVIDIO & ASSOCIATES, P.C.

CERTIFIED PUBLIC ACCOUNTANTS

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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, 2015, 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
April 21, 2016

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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:	Michael J. Lyons William J. Plasko Helen Abdallah Donohue Allan D. Howard Paul A. Bishop	Norwood Norwood Norwood Norwood 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:	Michael J. Lyons William J. Plasko Helen Abdallah Donohue Allan D. Howard Paul A. Bishop	
8. Total valuation of estates in town (or city) according to last State valuation (taxable)	\$	4,454,516,922
9. Tax rate for all purposes during the year:	Residential Commercial/Industrial/Personal Property	
	\$11.12 \$21.71	
10. Amount of manager's salary:	\$157,101	
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
1	INCOME FROM PRIVATE CONSUMERS:		
2	From sales of gas		0
3	From sales of electricity		47,250,000
4		TOTAL	47,250,000
5	EXPENSES		
6	For operation, maintenance and repairs		41,976,154
7	For interest on bonds, notes or scrip		
8	For depreciation fund (3.00% 76,188,237 as per page 8B)		2,285,647
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		TOTAL	44,261,801
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		611,499
19	Of electricity to be used for street lights		342,484
20	Total of above items to be included in the tax levy		953,983
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy		953,983

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	15,427
TOTAL	0	TOTAL	15,427

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	342,484
2. Municipal buildings	611,499
3.	
	TOTAL _____ 953,983

* 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	3,750,000
2007	Jan-08	53,000,000	2,785,000	January 15th	Variable	Jan 15th & July 15th	32,550,000
2008	8/15/2009	18,000,000	900,000	August 15th	Variable	Feb & Aug 15th	12,600,000
2007	8/15/2009	20,000,000	1,335,000	August 15th	Variable	Feb & Aug 15th	11,990,000
2009	10/15/2009	4,500,000	300,000	October 15th	Variable	April & October 15th	2,700,000
	TOTAL	111,458,000				TOTAL	63,590,000

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							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.				effect of such amounts.	
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative				4. Reclassifications or transfers within utility plant accounts should be shown in column (f).	
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		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	141,112	-				141,112
22	351 Clearing Land and Rights of Way	-	-				-
23	352 Structures and Improvements	6,364,699	97,300				6,461,999
24	353 Station Equipment	13,018,749	111,246				13,129,995
25	354 Towers and Fixtures	-	-				-
26	355 Poles and Fixtures	886,723	389				887,112
27	356 Overhead Conductors and Devices	454,219	39,743				493,962
28	357 Underground Conduit	2,209,943	-				2,209,943
29	358 Underground Conductors and Devices	2,375,306	3,854				2,379,160
30	359 Roads and Trails	-	0				-
31	Total Transmission Plant	25,450,751	252,532	0	0	0	25,703,283

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	3,270,290	428				3,270,718
4	362 Station Equipment	8,252,381	56,560				8,308,941
5	363 Storage Battery Equipment	-	-				-
6	364 Poles Towers and Fixtures	2,792,854	86,333				2,879,187
7	365 Overhead Conductors and Devices	5,679,571	52,296				5,731,867
8	366 Underground Conduit	11,377,960	2,197				11,380,157
9	367 Underground Conductors and Devices	4,494,971	85,312				4,580,283
10	368 Line Transformers	4,607,179	93,749				4,700,928
11	369 Services	1,196,450	5,076				1,201,526
12	370 Meters	2,821,027	28,967				2,849,994
13	371 Installations on Customer's Premises	-	-				-
14	372 Leased Prop on Customer's Premises	-	-				-
15	373 Streetlight and Signal Systems	466,183	20,497				486,680
16	Total Distribution Plant	44,990,264	431,415	0	0	0	45,421,679
17	5. GENERAL PLANT						
18	389 Land and Land Rights	-	-				-
19	390 Structures and Improvements	154,709	2,025				156,734
20	391 Office Furniture and Equipment	590,755	-				590,755
21	392 Transportation Equipment	2,504,700	408,918				2,913,618
22	393 Stores Equipment	-	-				-
23	394 Tools, Shop and Garage Equipment	61,955	16,655				78,610
24	395 Laboratory Equipment	46,395	-				46,395
25	396 Power Operated Equipment	-	-				-
26	397 Communication Equipment	1,405,593	22,481				1,428,074
27	398 Miscellaneous Equipment	21,599	-				21,599
28	399 Other Tangible Property	-	-				-
29	Total General Plant	4,785,706	450,079	0	0	0	5,235,785
30	Total Electric Plant in Service	75,226,721	1,134,026	0	0	0	76,360,747
31					Total Cost of Electric Plant.....		76,360,747
33					Less Cost of Land, Land Rights, Rights of Way.....		172,510
34					Total Cost upon which Depreciation is based		76,188,237

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)	31,869,683	30,906,024	(963,659)
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	31,869,683	30,906,024	(963,659)
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	6,381,423	4,581,312	(1,800,111)
14	128	Other Special Funds	15,065,880	13,346,342	(1,719,538)
15		Total Funds	21,447,303	17,927,654	(3,519,649)
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	0	0	0
18	132	Special Deposits	552,147	552,147	0
19	135	Working Funds	0	0	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	2,651,058	2,486,231	(164,827)
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	4,212,401	3,917,055	(295,346)
27	173	Accrued Utility Revenues	1,948,061	3,264,250	1,316,189
28		Total Current and Accrued Assets	9,572,952	10,428,968	856,016
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	206,196	222,692	16,496
33		Total Deferred Debits	206,196	222,692	16,496
34					
35		Total Assets and Other Debits	63,096,134	59,485,338	(3,610,796)

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	43,646,808	49,986,808	6,340,000
6	207	Appropriations for Construction Repayments	2,849,896	2,849,896	0
7	208	Unappropriated Earned Surplus (P. 12)	(77,231,896)	(79,080,822)	(1,848,926)
8		Total Surplus	(30,735,192)	(26,244,118)	4,491,074
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	70,070,000	63,590,000	(6,480,000)
11	231	Notes Payable (P. 7)		0	0
12		Total Bonds and Notes	70,070,000	63,590,000	(6,480,000)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	2,450,636	2,562,731	112,095
15	234	Payables to Municipality	378,444	378,444	0
16	235	Customers' Deposits	533,967	490,523	(43,444)
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	1,477,823	1,456,410	(21,413)
19	242	Miscellaneous Current and Accrued Liabilities	101,397	102,176	779
20		Total Current and Accrued Liabilities	4,942,267	4,990,284	48,017
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	4,951,255	2,952,966	(1,998,289)
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	0	0	0
25		Total Deferred Credits	4,951,255	2,952,966	(1,998,289)
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	5,244,245	5,503,097	258,852
31	265	Miscellaneous Operating Reserves	7,932,567	8,002,117	69,550
32		Total Reserves	13,661,497	13,989,899	328,402
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	206,307	206,307	0
35		Total Liabilities and Other Credits	63,096,134	59,485,338	(3,610,796)

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)	50,196,273	1,841,503
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	33,199,783	1,951,842
5	402 Maintenance Expense	990,591	83,520
6	403 Depreciation Expense	2,251,626	27,597
7	407 Amortization of Property Losses		0
8			
9	408 Taxes (P. 49)		0
10	Total Operating Expenses	36,442,000	2,062,959
11	Operating Income	13,754,273	(221,456)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	13,754,273	(221,456)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	11,239	101,592
18	421 Miscellaneous Nonoperating Income (P. 21)	(189,712)	(226,810)
19	Total Other Income	(178,473)	(125,218)
20	Total Income	13,575,800	(346,674)
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	13,575,800	(346,674)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	2,669,622	(484,365)
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	2,669,622	(484,365)
33	NET INCOME	10,906,178	137,691
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	77,231,896	
35			
36			
37	433 Balance Transferred from Income		10,906,178
38	434 Miscellaneous Credits to Surplus (P. 21)		
39	435 Miscellaneous Debits to Surplus (P. 21)	6,415,104	
40	436 Appropriations of Surplus (P. 21)	6,340,000	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)		79,080,822
43			
44	TOTALS	89,987,000	89,987,000

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	6,381,423
26	Income during year from balance on deposit (interest)	2,251,627
27	Amount transferred from income	8,633,050
28	Miscellaneous Debits	4,051,738
29		TOTAL
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	4,581,312
32	Amounts expended for renewals,viz:-	8,633,050
33	Miscellaneous Credits	
34		
35		
36		
37		
38		
39	Balance on hand at end of year	8,633,050
40		

UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c). effect of such amounts.					
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		-	-	-	-	-	-
5	2. PRODUCTION PLANT						
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	-	-	-	-	-	-
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	-	-	-	-	-	-

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	-			-	141,112
22	351 Clearing Land and Rights of Way	-	-			-	
23	352 Structures and Improvements	4,786,857	97,300	190,941		-	4,693,216
24	353 Station Equipment	9,889,097	111,246	390,562		-	9,609,781
25	354 Towers and Fixtures	-	-	-		-	-
26	355 Poles and Fixtures	31,576	389	26,602		-	5,363
27	356 Overhead Conductors and Devices	381,383	39,743	13,627		-	407,499
28	357 Underground Conduit	1,462,328	-	66,298		-	1,396,030
29	358 Underground Conductors and Devices	1,513,329	3,854	71,259		-	1,445,924
30	359 Roads and Trails	-	-	-		-	-
31	Total Transmission Plant	18,205,682	252,532	759,289	-	-	17,698,925

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	-	428	428		-	-
4	362 Station Equipment	2,947,418	56,560	345,252		-	2,658,726
5	363 Storage Battery Equipment	-	-	-			-
6	364 Poles Towers and Fixtures	60,400	86,333	83,786		-	62,947
7	365 Overhead Conductors and Devices	-	52,296	52,296		-	-
8	366 Underground Conduit	2,667,225	2,197	459,430		-	2,209,992
9	367 Underground Conductors and Devices	3,907,112	85,312	134,849		-	3,857,575
10	368 Line Transformers	354,801	93,749	138,215		-	310,335
11	369 Services	-	5,076	5,076		-	-
12	370 Meters	239,867	28,967	115,449		-	153,385
13	371 Installations on Customer's Premises	830	-	-		-	830
14	372 Leased Prop on Customer's Premises	-	-	-		-	-
15	373 Streetlight and Signal Systems	347,842	20,497	13,985		-	354,354
16	Total Distribution Plant	10,556,893	431,415	1,348,766	-	-	9,639,542
17	5. GENERAL PLANT						
18	389 Land and Land Rights	-	-				-
19	390 Structures and Improvements	10,976	2,025	4,641			8,360
20	391 Office Furniture and Equipment	22,077	-	17,723			4,354
21	392 Transportation Equipment	2,233,285	408,918	75,141			2,567,062
22	393 Stores Equipment	-	-	-			-
23	394 Tools, Shop and Garage Equipment	42,207	16,655	1,859			57,003
24	395 Laboratory Equipment	13,110	-	1,392			11,718
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	747,482	22,481	42,168			727,795
27	398 Miscellaneous Equipment	12,071	-	648			11,423
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	3,081,208	450,079	143,572	-	-	3,387,715
30	Total Electric Plant in Service	31,843,783	1,134,026	2,251,627	-	-	30,726,182
31	104 Utility Plant Leased to Others	-					-
32	105 Property Held for Future Use	-					-
33	107 Construction Work in Progress	25,900	153,942				179,842
34	Total Utility Plant Electric	31,869,683	1,287,968	2,251,627	-	-	30,906,024

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				
			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		
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.	5,315,104
26		
27	Payment in Lieu of Taxes	1,100,000
28		
29		
30		
31		
32		
	TOTAL	6,415,104
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Bond Payment	6,480,000
35		
36	Prior Period Adjustment	(140,000)
37		
38		
39		
40		
	TOTAL	6,340,000

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)	5,085,840	611,499	0.1202
6					
7					
8					
9					
10					
11					
12					
13	444-1	Street Lighting			
14					
15					
16					
17					
18					
19					
		TOTALS	3,041,508	342,484	0.1126
		TOTALS	8,127,348	953,983	0.1174

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					
21	Saddleback		4,427,923	339,497	0.0767
22	Spruce Mountain		11,101,344	486,001	0.0438
23	Rate Stabilization				
24	Northeast Utilities				
25	MMWEC - PASNY	115KV	11,912,349	379,654	0.0319
26	NextEra	115KV	230,908,048	14,540,354	0.0630
27	NextEra Virtual Power		44,672,000	2,885,371	0.0646
28	Miller		9,131,041	478,640	0.0524
29	ISO		17,715,394	8,493,996	0.4795
29		TOTALS	329,868,099	27,603,513	0.0837

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)					
		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.					
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	13,227,429	1,068,894	91,860,432	3,624,268	13,205	25
3	442 Commercial and Industrial Sales	32,491,187	631,815	216,952,156	3,662,656	2,213	9
4	Small Commercial B Sales		0		0		0
5	Large Commercial C Sales		0		0		0
6	444 Municipal Sales	953,983	87,428	8,127,348	(39,088)	9	1
7	445 Other Sales to Public Authorities		0		0		0
8	446 Sales to Railroads and Railways		0		0		0
9	448 Interdepartmental Sales		0		0		0
10	449 Miscellaneous Sales		0		0		0
11	Total Sales to Ultimate Consumers	46,672,599	1,788,137	316,939,936	7,247,836	15,427	35
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	46,672,599	1,788,137	316,939,936	7,247,836	15,427	35
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	484,807	93,204				
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	3,038,867	(39,838)				
21							
22							
23							
24							
25	Total Other Operating Revenues	3,523,674	53,366				
26	Total Electric Operating Revenue	50,196,273	1,841,503				

* Includes revenues from application of fuel clauses \$ 0.000

Total KWH to which applied 316,939,936

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	91,067,532	13,094,218	0.1438	13,205	13,205
2	442.000	Commercial	100,733,627	16,618,439	0.1650	1,969	1,969
3	442.000	Industrial	116,218,529	15,872,748	0.1366	49	49
4	442.000	Municipal Building	5,085,840	611,499	0.1202	8	8
5	442.000	Municipal Street Lighting	3,041,508	342,484	0.1126	1	1
6	442.000	Security Light	792,900	133,211	0.1680	195	195
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)				316,939,936	46,672,599	0.1473	15,427
							15,427

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space proved 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	24,521,326	1,737,089
27	556 System control and load dispatching	-	0
28	557 Other expenses	77,446	(81,525)
29	Total other power supply expenses	24,598,772	1,655,564
30	Total power production expenses	24,598,772	1,655,564
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching	209,669	(82,790)
35	562 Station expenses	287,060	33,693
36	563 Overhead line expenses	-	(6,331)
37	564 Underground line expenses	-	(614)
38	565 Transmission of electricity by others	3,082,743	291,526
39	566 Miscellaneous transmission expenses	-	0
40	567 Rents	-	0
41	Total Operation	3,579,472	235,484
42	Maintenance:		
43	568 Maintenance supervision and engineering	-	0
44	569 Maintenance of structures	-	0
45	570 Maintenance of station equipment	11,358	11,308
46	571 Maintenance of overhead lines	154,727	143,148
47	572 Maintenance of underground lines	10,630	1,522
48	573 Maintenance of miscellaneous transmission plant	-	(62,081)
49	Total maintenance	176,715	93,897
50	Total transmission expenses	3,756,187	329,381

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	41,088	13,909
4	581 Load dispatching (Operation Labor)	-	0
5	582 Station expenses	118,248	(34,713)
6	583 Overhead line expenses	761,894	(55,760)
7	584 Underground line expenses	40,731	(56,278)
8	585 Street lighting and signal system expenses	11,980	(13,176)
9	586 Meter expenses	9,620	(8,062)
10	587 Customer installations expenses	5,333	5,333
11	588 Miscellaneous distribution expenses	132,295	(76,048)
12	589 Rents	1,260	315
13	Total operation	1,122,449	(224,480)
14	Maintenance:		
15	590 Maintenance supervision and engineering	201,480	34,754
16	591 Maintenance of structures	2,999	(114,588)
17	592 Maintenance of station equipment	176,282	100,547
18	593 Maintenance of overhead lines	117,471	(105,913)
19	594 Maintenance of underground lines	25,442	(11,424)
20	595 Maintenance of line transformers	201,778	55,921
21	596 Maintenance of street lighting and signal systems	18,550	(4,413)
22	597 Maintenance of meters	16,103	10,806
23	598 Maintenance of miscellaneous distribution plant	4,066	4,066
24	Total maintenance	764,171	(30,244)
25	Total distribution expenses	1,886,620	(254,724)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	-	0
29	902 Meter reading expenses	485,418	88,262
30	903 Customer records and collection expenses	839,602	(65,282)
31	904 Uncollectible accounts	100,088	36,341
32	905 Miscellaneous customer accounts expenses	-	0
33	Total customer accounts expenses	1,425,108	59,321
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	-	0
37	912 Demonstrating and selling expenses	118,609	(81,148)
38	913 Advertising expenses	19,799	(19,931)
39	916 Miscellaneous sales expenses	-	0
40	Total sales expenses	138,408	(101,079)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	675,946	90,861
44	921 Office supplies and expenses	1,753	(9,170)
45	922 Administrative expenses transferred - Cr	-	0
46	923 Outside services employed	90,515	(120,665)
47	924 Property insurance	118,750	3,125
48	925 Injuries and damages	635,768	27,202
49	926 Employee pensions and benefits	594,654	172,588
50	928 Regulatory commission expenses	-	0
51	929 Store Expense	-	0
52	930 Miscellaneous general expenses	188,707	159,572
53	931 Rents	29,481	3,519
55	Total operation	2,335,574	327,032

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	49,705	19,867
4	Total administrative and general expenses	2,385,279	346,899
5	Total Electric Operation and Maintenance Expenses	34,190,374	2,035,362
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)
6	Power Production Expenses		
7	Electric Generation:		
8	Steam Power:		
9	Nuclear Power		
10	Hydraulic Power		
11	Other Power		
12	Other Power Supply Expenses	24,598,772	24,598,772
13	Total power production expenses	24,598,772	24,598,772
14	Transmission Expenses	3,579,472	176,715
15	Distribution Expenses	1,122,449	764,171
16	Customer Accounts Expenses	1,425,108	1,425,108
17	Sales Expenses	138,408	138,408
18	Administrative and General Expenses	2,335,574	49,705
19	Total Electric Operation and Maintenance Expenses	33,199,783	990,591
20			34,190,374
21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%))		72.60%
	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)		
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.		3,237,525
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

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					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	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 classes of cost)				
15					
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 and "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.

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	
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							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).

**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	
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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 Non-utilities, (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	320,737,058
9	(In (gross)	
10	< Out (gross)	
11	(Net (Kwh)	9,131,041
12	(Received	
13	< Delivered	
14	(Net (Kwh)	0
15	TOTAL	329,868,099
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	316,939,936
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	3.92%
25	Unaccounted for losses	
26	Total energy losses	12,928,163
27	Energy losses as percent of total on line 15	3.92%
28		TOTAL 329,868,099

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)	Kilowatts (b)	Monthly Peak				Monthly Output (kwh) (See Instr. 4) (g)
			Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	51,031	Tuesday	6	6:00 PM	60 min	28,461,726
30	Februaury	49,195	Tuesday	24	7:00 PM	60 min	26,894,811
31	March	47,024	Tuesday	3	12:00 PM	60 min	27,360,279
32	April	44,220	Thursday	9	4:00 PM	60 min	23,836,789
33	May	59,892	Thrusday	28	4:00 PM	60 min	25,925,467
34	June	63,657	Tuesday	23	4:00 PM	60 min	27,482,109
35	July	72,687	Monday	20	12:00 PM	60 min	33,234,708
36	August	71,936	Tuesday	18	3:00 PM	60 min	32,992,372
37	September	72,492	Tuesday	8	4:00 PM	60 min	28,849,130
38	October	44,412	Thursday	29	2:00 PM	60 min	24,472,100
39	November	45,948	Monday	30	6:00 PM	60 min	24,315,363
40	December	46,654	Tuesday	29	6:00 PM	60 min	26,043,245
41						TOTAL	329,868,099

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 H Frame	3.300	None	1	795 MCM ACSR
2					3.300		1	
3								
4	STA 495	STA 469	115KV	Underground	2.2 Miles		2	1000 MCM Solid
5	Dean St	Ellis Ave			2-4 Way			Dieleutric
6					Duct Banks			Copper
7								
8								
9								
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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.

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	138.43		138.43
2	Added During Year	0.04		0.04
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	138.47	0.00	138.47
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:	9,386	17,409	3,898	326,527.0
17	Additions during year				
18	Purchased		276	32	5,550.0
19	Installed	59	177	33	7,208.0
20	Associated with utility plant acquired				
21	Total Additions	59	453	65	12,758.0
22	Reductions during year:				
23	Retirements	51	108	53	5,675.0
24	Associated with utility plant sold				
25	Total Reductions	51	108	53	5,675.0
26	Number at end of year	9,394	17,754	3,910	333,610.0
27	In stock		691	123	25,915.0
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		17,063	3,787	307,695.0
31	In company's use				
32	Number at end of year		17,754	3,910	333,610.0

*

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)
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			4.22 1/C	13,800 Volts	
6					
7					
8					
9					
10					
11					
12					
13					
14					
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29					
30					
31					
32					
33					
34					
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		Fluorescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Norwood	3,893			8				3,885	
2										
3										
4										
5										
6										
7										
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46										
47										
48										
49										
50										
51										
52	TOTALS	3893	0	0	8	0	0	0	3885	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, 2015		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

John J. Carroll

Manager of Electric Light

Thomas F. Maloney

Selectmen
or
Members
of the
Municipal
Light
Board

200 11

Allan D. Howard

Paul A. Bishop

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