

2

**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,**

**2022**

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

Official title:

Office address:

**Tony Mazzucco**

**Town Manager**

**Municipal Building**

**Norwood, MA 02062**

GOULET, SALVIDIO  
& ASSOCIATES, P.C.  

---

CERTIFIED PUBLIC ACCOUNTANTS

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

Management is responsible for the accompanying financial statements of Norwood Municipal Light Department, which comprise the balance sheet as of December 31, 2022, and the related statements of income and retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. We do not express an opinion, a conclusion, nor provide any assurance on these financial statements in the accompanying prescribed form.

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

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

Goulet, Salvidio & Associates P.C.

*Goulet, Salvidio & Associates, P.C.*

Worcester, Massachusetts  
June 27, 2023

324 Grove Street Worcester MA, 01605

Tel: 508.757.5957 • Fax: 1.508.422.0883 • Email: [admin@gsamycpa.com](mailto:admin@gsamycpa.com) • Web: [www.gsamycpa.com](http://www.gsamycpa.com)

## TABLE OF CONTENTS

General Information		Page	3
Schedule of Estimates			4
Customers in each City or Town			4
Appropriations Since Beginning of Year			5
Changes in the Property			5
Bonds			6
Town Notes			7
Cost of Plant			8- 8B
Comparative Balance Sheet			10-11
Income Statement			12
Earned Surplus			12
Cash Balances			14
Materials and Supplies			14
Depreciation Fund Account			14
Utility Plant-Electric			15-17
Production Fuel and Oil Stocks			18
Miscellaneous Nonoperating Income			21
Other Income Deductions			21
Miscellaneous Credits to Surplus			21
Miscellaneous Debits to Surplus			21
Appropriations of Surplus			21
Municipal Revenues			22
Purchased Power			22
Sales for Resale			22
Electric Operating Revenues			37
Sales of Electricity to Ultimate Consumers			38
Electric Operation and Maintenance Expenses			39-42
Taxes Charged During Year			49
Other Utility Operating Income			50
Income from Merchandising, Jobbing and Contract Work			51
Sales for Resale			52-53
Purchased Power (except Interchange)			54-55
Interchange Power			56
Electric Energy Account			57
Monthly Peaks and Output			57
Generating Station Statistics			58-59
Steam Generating Stations			60-61
Hydroelectric Generating Stations			62-63
Combustion Engine and Other Generating Stations			64-65
Generating Statistics (Small Stations)			66
Transmission Line Statistics			67
Substations			68
Overhead Distribution Lines Operated			69
Electric Distribution Services, Meters, and Line Transformers			69
Conduit, Underground Cable and Submarine Cable			70
Streetlamps			71
Rate Schedule Information			79
Signature Page			81
FOR GAS PLANTS ONLY:		Page	Page
Utility Plant - Gas	19-20	Gas Generating Plant	74
Gas Operating Revenues	43	Boilers	75
Sales of Gas to Ultimate Customers	44	Scrubbers, Condensers & Exhausters	75
Gas Operation & Maintenance Expenses	45-47	Purifiers	76
Purchased Gas	48	Holders	76
Sales for Resale	48	Transmission and Distribution Mains	77
Sales of Residuals	48	Gas Distribution Services, House	
Record of Sendout for the Year in MCF	72-73	Governors and Meters	78

**GENERAL INFORMATION****Page 3**

- |                    |  |   |              |             |                   |         |   |         |             |         |              |         |
|--------------------|--|---|--------------|-------------|-------------------|---------|---|---------|-------------|---------|--------------|---------|
| 1.                 | Name of town (or city) making report.  | Norwood   |              |             |                   |         |   |         |             |         |              |         |
| 2.                 | If the town (or city) has acquired a plant,<br>Kind of plant, whether gas or electric.<br>Owner from whom purchased, if so acquired.<br>Date of votes to acquire a plant in accordance with the provisions of<br>chapter 164 of the General Laws.<br>Record of votes: First vote: Yes, 154; No, 19 Second vote: Yes, 146; No, 5<br>Date when town (or city) began to sell gas and electricity, | Electric<br><br><br><br><br><br>September 1, 1907   |              |             |                   |         |   |         |             |         |              |         |
| 3.                 | Name and address of manager of municipal lighting:   | Tony Mazzucco<br>566 Washington Street<br>Norwood, MA   |              |             |                   |         |   |         |             |         |              |         |
| 4.                 | Name and address of mayor or selectmen:  | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Matthew Lane</td> <td style="width: 50%; text-align: right;">Norwood</td> </tr> <tr> <td>William J. Plasko</td> <td style="text-align: right;">Norwood</td> </tr> <tr> <td>Robert G. Donnelly</td> <td style="text-align: right;">Norwood</td> </tr> <tr> <td>Amanda Grow</td> <td style="text-align: right;">Norwood</td> </tr> <tr> <td>Michael Saad</td> <td style="text-align: right;">Norwood</td> </tr> </table> | Matthew Lane | Norwood     | William J. Plasko | Norwood | Robert G. Donnelly                      | Norwood | Amanda Grow | Norwood | Michael Saad | Norwood |
| Matthew Lane       | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| William J. Plasko  | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| Robert G. Donnelly | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| Amanda Grow        | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| Michael Saad       | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| 5.                 | Name and address of town (or city) treasurer:  | Alex Haggerty<br>566 Washington Street<br>Norwood, MA   |              |             |                   |         |   |         |             |         |              |         |
| 6.                 | Name and address of town (or city) clerk:  | Mary Lou Folan<br>566 Washington Street<br>Norwood, MA  |              |             |                   |         |   |         |             |         |              |         |
| 7.                 | Names and addresses of members of municipal light board:   | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Matthew Lane</td> <td style="width: 50%; text-align: right;">Norwood</td> </tr> <tr> <td>William J. Plasko</td> <td style="text-align: right;">Norwood</td> </tr> <tr> <td>Robert G. Donnelly</td> <td style="text-align: right;">Norwood</td> </tr> <tr> <td>Amanda Grow</td> <td style="text-align: right;">Norwood</td> </tr> <tr> <td>Michael Saad</td> <td style="text-align: right;">Norwood</td> </tr> </table> | Matthew Lane | Norwood     | William J. Plasko | Norwood | Robert G. Donnelly                      | Norwood | Amanda Grow | Norwood | Michael Saad | Norwood |
| Matthew Lane       | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| William J. Plasko  | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| Robert G. Donnelly | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| Amanda Grow        | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| Michael Saad       | Norwood  |   |              |             |                   |         |   |         |             |         |              |         |
| 8.                 | Total valuation of estates in town (or city) according to last State valuation<br>(taxable)  | \$ 7,014,513,632  |              |             |                   |         |   |         |             |         |              |         |
| 9.                 | Tax rate for all purposes during the year:   | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: right;">Residential</td> <td style="width: 50%; text-align: right;">\$10.32</td> </tr> <tr> <td></td> <td style="text-align: right;">Commercial/Industrial/Personal Property</td> <td style="text-align: right;">\$23.07</td> </tr> </table>  |              | Residential | \$10.32           |         | Commercial/Industrial/Personal Property | \$23.07 |             |         |              |         |
|                    | Residential  | \$10.32   |              |             |                   |         |   |         |             |         |              |         |
|                    | Commercial/Industrial/Personal Property  | \$23.07   |              |             |                   |         |   |         |             |         |              |         |
| 10.                | Amount of manager's salary:  | \$206,116   |              |             |                   |         |   |         |             |         |              |         |
| 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
<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	From sales of gas	0
2	From sales of electricity	54,917,592
3	<b>TOTAL</b>	54,917,592
4		
5	<b>EXPENSES</b>	
6	For operation, maintenance and repairs	42,000,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund ( 3.00% 109,832,678 as per page 8B)	3,294,980
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13	<b>TOTAL</b>	45,294,980
14		
15	<b>COST:</b>	
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	900,048
19	Of electricity to be used for street lights	122,129
20	Total of above items to be included in the tax levy	1,022,177
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	1,022,177

**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	15,987
<b>TOTAL</b>	0	<b>TOTAL</b>	15,987

**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 <u>0</u>

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

1.	Street lights	122,129
2.	Municipal buildings	900,048
3.		
		TOTAL <u>1,022,177</u>

\* Date of meeting and whether regular or special

\*\* Here insert bonds, notes or tax levy

**CHANGES IN THE PROPERTY**

- 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 When Payable	Amount Outstanding at End of Year
			Amounts	When Payable		
Apr-69	Apr-69	2,300,000				0
	Jul-70	1,098,000				0
May-00	Jan-01	12,560,000				0
2007	Jan-08	53,000,000				0
2008	8/15/2009	18,000,000	900,000	August 15th	Variable Feb & Aug 15th	5,870,000
2007	8/15/2009	20,000,000	1,258,000	August 15th	Variable Feb & Aug 15th	2,510,000
2009	10/15/2009	4,500,000	300,000	October 15th	Variable April & October 15th	600,000
2012	1/23/2012	230,000				0
2016	7/28/2016	6,000,000	315,000	July 15th	Variable January & July	4,095,000
2019	6/26/2019	12,500,000	560,000	June 15th	2.24% Annual	10,030,000
2022	3/30/2022	2,600,000	260,000	March 15th	5.00% Annual	2,600,000
	TOTAL	132,788,000			TOTAL	\$ 25,705,000

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





		<b>TOTAL COST OF PLANT - ELECTRIC</b>					
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.		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).	
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					
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		0	0	0	0	0	0
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						
14	Total Steam Production Plant	0	0	0	0	0	0
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	Total Nuclear Production Plant	0	0	0	0	0	0

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights	841,112	0	0	0	0	841,112
22	351 Clearing Land and Rights of Way	415,000	0	0	0	0	415,000
23	352 Structures and Improvements	3,359,626	30,830	0	0	0	3,390,456
24	353 Station Equipment	7,200,610	23,054	0	0	0	7,223,664
25	354 Towers and Fixtures	0	0	0	0	0	0
26	355 Poles and Fixtures	3,729,530	0	0	0	0	3,729,530
27	356 Overhead Conductors and Devices	3,078,211	0	0	0	0	3,078,211
28	357 Underground Conduit	2,209,943	0	0	0	0	2,209,943
29	358 Underground Conductors and Devices	2,379,160	0	0	0	0	2,379,160
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	23,213,192	53,884	0	0	0	23,267,076

**TOTAL COST OF PLANT (Concluded)**

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	31,398	0	0			31,398
3	361 Structures and Improvements	7,488,241	277,794	0			7,766,035
4	362 Station Equipment	15,452,523	790,772	0			16,243,295
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	3,222,195	109,062	(7,951)			3,323,306
7	365 Overhead Conductors and Devices	6,688,976	396,924	(99,231)			6,986,669
8	366 Underground Conduit	11,628,043	21,753	0			11,649,796
9	367 Underground Conductors and Devices	5,016,345	2,180,105	(174,408)			7,022,042
10	368 Line Transformers	5,258,179	180,542	(36,106)			5,402,613
11	369 Services	1,233,942	54,320	(13,580)			1,274,682
12	370 Meters	4,837,675	97,833	(1,957)			4,933,551
13	371 Installations on Customer's Premises	0	0	0			0
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	985,816	64,867	(1,295)			1,049,388
16	Total Distribution Plant	61,843,333	4,173,972	(334,530)	0	0	65,682,775
17	5. GENERAL PLANT						
18	389 Land and Land Rights	625,000	0	0			625,000
19	390 Structures and Improvements	14,820,861	0	0			14,820,861
20	391 Office Furniture and Equipment	968,851	259,660	(5,193)			1,223,318
21	392 Transportation Equipment	4,049,185	523,665	(121,490)			4,451,360
22	393 Stores Equipment	0	0	0			0
23	394 Tools, Shop and Garage Equipment	101,978	19,508	0			121,486
24	395 Laboratory Equipment	46,395	0	0			46,395
25	396 Power Operated Equipment	0	0	0			0
26	397 Communication Equipment	1,482,269	3,048	0			1,485,317
27	398 Miscellaneous Equipment	21,600	0	0			21,600
28	399 Other Tangible Property	0	0	0			0
29	Total General Plant	22,116,139	805,881	(126,683)	0	0	22,795,337
30	Total Electric Plant in Service	107,172,664	5,033,737	(461,213)	0	0	111,745,188
31							Total Cost of Electric Plant.....
33							Less Cost of Land, Land Rights, Rights of Way.....
34							Total Cost upon which Depreciation is based.....

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.

PAGE 9 IS A BLANK PAGE

<b>COMPARATIVE BALANCE SHEET Assets and Other Debits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	47,353,584	49,896,282	2,542,698
3	101	Utility Plant - Gas (P. 20)	0	0	0
4					
5		Total Utility Plant	47,353,584	49,896,282	2,542,698
6					
7					
8					
9					
10					
11		<b>FUND ACCOUNTS</b>			
12	125	Sinking Funds	0	0	0
13	126	Depreciation Fund (P. 14)	9,033,543	7,694,665	(1,338,878)
14	128	Other Special Funds	17,119,793	20,476,849	3,357,056
15		Total Funds	26,153,336	28,171,514	2,018,178
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	0	2,204,849	2,204,849
18	132	Special Deposits	423,632	451,118	27,486
19	135	Working Funds	0	0	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	2,117,891	2,643,650	525,759
22	143	Other Accounts Receivable	0	0	0
23	145	Receivables from Municipality	0	0	0
24	146	Receivables from Broadband	0	0	0
25					
26	165	Prepayments	2,336,940	2,056,781	(280,159)
27	173	Accrued Utility Revenues	1,488,307	0	(1,488,307)
28		Total Current and Accrued Assets	6,366,770	7,356,398	989,628
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount	0	0	0
31	182	Extraordinary Property Losses	0	0	0
32	185	Other Deferred Debits	2,925,188	7,412,622	4,487,434
33		Total Deferred Debits	2,925,188	7,412,622	4,487,434
34					
35		Total Assets and Other Debits	82,798,878	92,836,816	10,037,938

<b>COMPARATIVE BALANCE SHEET Liabilities and Other Credits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction	0	0	0
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	98,470,708	106,465,708	7,995,000
6	207	Appropriations for Construction Repayments	2,849,896	2,849,896	0
7	208	Unappropriated Earned Surplus (P. 12)	(81,215,545)	(79,686,080)	1,529,465
8		Total Surplus	20,105,059	29,629,524	9,524,465
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	31,100,000	25,705,000	(5,395,000)
11	231	Notes Payable (P. 7)	0	0	0
12		Total Bonds and Notes	31,100,000	25,705,000	(5,395,000)
13		<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232	Accounts Payable	2,435,153	2,576,312	141,159
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	423,632	451,118	27,486
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	609,749	412,765	(196,984)
19	242	Miscellaneous Current and Accrued Liabilities	125,207	132,881	7,674
20		Total Current and Accrued Liabilities	3,593,741	3,573,076	(20,665)
21		<b>DEFERRED CREDITS</b>			
22	251	Unamortized Premium on Debt	93,425	88,375	(5,050)
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	3,626,338	3,964,391	338,053
25		Total Deferred Credits	3,719,763	4,052,766	333,003
26		<b>RESERVES</b>			
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	6,649,361	10,963,033	4,313,672
31	265	Miscellaneous Operating Reserves	16,970,908	18,259,560	1,288,652
32		Total Reserves	24,104,954	29,707,278	5,602,324
33		<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271	Contributions in Aid of Construction	175,361	169,172	(6,189)
35		Total Liabilities and Other Credits	82,798,878	92,836,816	10,037,938

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.

<b>STATEMENT OF INCOME FOR THE YEAR</b>			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	61,198,209	2,090,800
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	40,003,492	1,425,056
5	402 Maintenance Expense	2,475,031	397,038
6	403 Depreciation Expense	3,157,803	53,619
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	45,636,326	1,875,713
11	Operating Income	15,561,883	215,087
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	15,561,883	215,087
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	323,338	241,735
17	419 Interest Income	(484,764)	(867,417)
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	(161,426)	(625,682)
20	Total Income	15,400,457	(410,595)
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	(6,189)	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(6,189)	0
25	Income Before Interest Charges	15,406,646	(410,595)
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	932,052	(280,784)
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	0	0
30	431 Other Interest Expense	0	0
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	932,052	(280,784)
33	<b>NET INCOME</b>	14,474,594	(129,811)
<b>EARNED SURPLUS</b>			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	81,215,545	
35			
36			
37	433 Balance Transferred from Income		14,474,594
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	4,950,129	
40	436 Appropriations of Surplus (P. 21)	7,995,000	
41	437 Surplus Applied to Depreciation	0	
42	208 Unappropriated Earned Surplus (at end of period)		79,686,080
43			
44	<b>TOTALS</b>	94,160,674	94,160,674

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operating Cash	2,204,849	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	<b>TOTAL</b>	2,204,849	
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	<b>DEBITS</b>		
25	Balance of account at beginning of year		9,033,543
26	Income during year from balance on deposit (interest)		
27	Amount transferred from income		3,182,634
28	Miscellaneous Debits		
29	<b>TOTAL</b>		12,216,177
30	<b>CREDITS</b>		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)		4,521,512
32	Amounts expended for renewals, viz:-		
33	Miscellaneous Credits		
34			
35			
36			
37			
38			
39	Balance on hand at end of year		7,694,665
40	<b>TOTAL</b>		12,216,177



UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		Such items should be included in preceding year. effect of such amounts.			4. Reclassifications or transfers within utility plant accounts should be shown in column (f).		
2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c).		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative			4. Reclassifications or transfers within utility plant accounts should be shown in column (f).		
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	0	0	0	0	0	0

UTILITY PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights	841,112	0	0	0	0	841,112
22	351 Clearing Land and Rights of Way	415,000	0	0	0	0	415,000
23	352 Structures and Improvements	1,719,462	30,830	100,789	0	0	1,649,503
24	353 Station Equipment	4,034,678	23,054	216,018	0	0	3,841,714
25	354 Towers and Fixtures	0	0	0	0	0	0
26	355 Poles and Fixtures	3,049,643	0	111,886	0	0	2,937,757
27	356 Overhead Conductors and Devices	2,634,665	0	92,346	0	0	2,542,319
28	357 Underground Conduit	998,242	0	66,298	0	0	931,944
29	358 Underground Conductors and Devices	1,017,674	0	71,375	0	0	946,299
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	14,710,476	53,884	658,712	0	0	14,105,648

UTILITY PLANT -- ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	31,398	0	0	0	0	31,398
3	361 Structures and Improvements	2,750,100	277,794	224,647	0	0	2,803,247
4	362 Station Equipment	5,021,940	790,772	463,576	0	0	5,349,136
5	363 Storage Battery Equipment	0	0	0	0	0	0
6	364 Poles Towers and Fixtures	202,377	109,062	96,666	0	0	214,773
7	365 Overhead Conductors and Devices	788,836	396,924	200,669	0	0	985,091
8	366 Underground Conduit	16,478	21,753	348,841	0	0	(310,610)
9	367 Underground Conductors and Devices	2,850,426	2,180,105	150,490	0	0	4,880,041
10	368 Line Transformers	270,360	180,542	157,745	0	0	293,157
11	369 Services	33,873	54,320	37,018	0	0	51,175
12	370 Meters	1,681,431	97,833	145,130	0	0	1,634,134
13	371 Installations on Customer's Premises	0	0	0	0	0	0
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	733,644	64,867	29,574	0	0	768,937
16	Total Distribution Plant	14,380,863	4,173,972	1,854,356	0	0	16,700,479
17	5. GENERAL PLANT						
18	389 Land and Land Rights	625,000	0	0	0	0	625,000
19	390 Structures and Improvements	13,637,203	0	444,626	0	0	13,192,577
20	391 Office Furniture and Equipment	333,035	259,660	29,066	0	0	563,629
21	392 Transportation Equipment	3,070,687	523,665	121,476	0	0	3,472,876
22	393 Stores Equipment	0	0	0	0	0	0
23	394 Tools, Shop and Garage Equipment	65,493	19,508	3,059	0	0	81,942
24	395 Laboratory Equipment	3,366	0	1,392	0	0	1,974
25	396 Power Operated Equipment	0	0	0	0	0	0
26	397 Communication Equipment	519,925	3,048	44,468	0	0	478,505
27	398 Miscellaneous Equipment	7,536	0	648	0	0	6,888
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	18,262,245	805,881	644,735	0	0	18,423,391
30	Total Electric Plant in Service	47,353,584	5,033,737	3,157,803	0	0	49,229,518
31	104 Utility Plant Leased to Others	0	0	0	0	0	0
32	105 Property Held for Future Use	0	0	0	0	0	0
33	107 Construction Work in Progress	0	666,764	0	0	0	666,764
34	Total Utility Plant Electric	47,353,584	5,700,501	3,157,803	0	0	49,896,282

**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)
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					
Line No.	Item (g)	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.

<b>MISCELLANEOUS NONOPERATING INCOME (Account 421)</b>		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	<b>TOTAL</b>	0
<b>OTHER INCOME DEDUCTIONS (Account 426)</b>		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	0
<b>MISCELLANEOUS CREDITS TO SURPLUS (Account 434)</b>		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	0
<b>MISCELLANEOUS DEBITS TO SURPLUS (Account 435)</b>		
Line No.	Item (a)	Amount (b)
24	Payment in Lieu of Taxes	1,100,000
25	Prior Period Adjustment - Operating Cash Reconciliation	3,850,129
26		
27		
28		
29		
30		
31		
32	<b>TOTAL</b>	4,950,129
<b>APPROPRIATIONS OF SURPLUS (Account 436)</b>		
Line No.	Item (a)	Amount (b)
33		
34	Bond Payment	7,995,000
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	7,995,000



**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 meters, plus number of late rate accounts 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)			
<b>SALES OF ELECTRICITY</b>										
1	440 Residential Sales	19,061,393	3,010,656	91,628,917	(226,400)	13,791	(224)			
2	442 Commercial and Industrial Sales	38,033,414	(532,413)	218,913,227	(1,575,352)	2,181	(10)			
3	Small Commercial B Sales	0	0	0	0	0	0			
4	Large Commercial C Sales	0	0	0	0	0	0			
5	444 Municipal Sales	1,006,983	(15,194)	6,015,690	119,077	15	7			
6	445 Other Sales to Public Authorities	0	0	0	0	0	0			
7	446 Sales to Railroads and Railways	0	0	0	0	0	0			
8	448 Interdepartmental Sales	0	0	0	0	0	0			
9	449 Miscellaneous Sales	0	0	0	0	0	0			
10	<b>Total Sales to Ultimate Consumers</b>	<b>58,101,790</b>	<b>2,463,049</b>	<b>316,557,834</b>	<b>(1,682,675)</b>	<b>15,987</b>	<b>(227)</b>			
11	Sales for Resale	0	0	0	0	0	0			
12	<b>Total Sales of Electricity*</b>	<b>58,101,790</b>	<b>2,463,049</b>	<b>316,557,834</b>	<b>(1,682,675)</b>	<b>15,987</b>	<b>(227)</b>			
<b>OTHER OPERATING REVENUES</b>										
13	450 Forfeited Discounts	423,636	(308,340)							
14	451 Miscellaneous Service Revenues	0	0							
15	453 Sales of Water and Water Power	0	0							
16	454 Rent from Electric Property	0	0							
17	455 Interdepartmental Rents	0	0							
18	456 Other Electric Revenues - NSTAR	2,672,783	(63,909)							
19										
20										
21										
22										
23										
24										
25	<b>Total Other Operating Revenues</b>	<b>3,096,419</b>	<b>(372,249)</b>							
26	<b>Total Electric Operating Revenue</b>	<b>61,198,209</b>	<b>2,090,800</b>							
* Includes revenues from application of fuel clauses \$ 0.000										
Total KWH to which applied 316,557,834										

## SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440.000	Residential	90,879,879	18,864,872	0.2076	13,463	13,791
2	442.000	Commercial	94,819,601	18,450,044	0.1946	1,909	1,909
3	442.000	Industrial	124,093,626	19,583,370	0.1578	45	45
4	442.000	Municipal Building	5,003,850	872,991	0.1745	14	14
5	442.300	Municipal Street Lighting	1,011,840	133,992	0.1324	1	1
6	442.400	Security Light	749,038	196,521	0.2624	227	227
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			316,557,834	58,101,790	0.1835	15,659	15,987



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

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	<b>OTHER POWER GENERATION</b>		
11	Operation:		
12	546 Operation supervision and engineering	0	0
13	547 Fuel	0	0
14	548 Generation Expenses	0	0
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	0	0
21	553 Maintenance of generating and electric plant	0	0
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	27,586,741	(649,846)
27	556 System control and load dispatching	0	0
28	557 Other expenses	1,140,323	47,585
29	Total other power supply expenses	28,727,064	(602,261)
30	Total power production expenses	28,727,064	(602,261)
31	<b>TRANSMISSION EXPENSES</b>		
32	Operation:		
33	560 Operation supervision and engineering	0	324,669
34	561 Load dispatching	87,215	(347,841)
35	562 Station expenses	143,303	(9,938)
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	4,147,277	358,678
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	4,377,795	325,568
42	Maintenance:		
43	568 Maintenance supervision and engineering	119,437	0
44	569 Maintenance of structures	20,033	0
45	570 Maintenance of station equipment	38,223	5,951
46	571 Maintenance of overhead lines	227,171	19,111
47	572 Maintenance of underground lines	31,225	13,627
48	573 Maintenance of miscellaneous transmission plant	156,800	(25,054)
49	Total maintenance	592,889	13,635
50	Total transmission expenses	4,970,684	339,203

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	333,381	(65,875)
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	547,782	(6,472)
6	583 Overhead line expenses	133,875	(12,449)
7	584 Underground line expenses	41,425	18,318
8	585 Street lighting and signal system expenses	13,167	2,146
9	586 Meter expenses	40,805	(10,931)
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	74,926	14,987
12	589 Rents	945	0
13	Total operation	1,186,306	(60,276)
14	Maintenance:		
15	590 Maintenance supervision and engineering	456,552	8,537
16	591 Maintenance of structures	76,578	(5,222)
17	592 Maintenance of station equipment	146,107	29,382
18	593 Maintenance of overhead lines	734,497	128,291
19	594 Maintenance of underground lines	77,935	37,393
20	595 Maintenance of line transformers	114,123	41,179
21	596 Maintenance of street lighting and signal systems	17,031	(814)
22	597 Maintenance of meters	198,480	147,291
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	1,821,303	386,037
25	Total distribution expenses	3,007,609	325,761
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	36,805	(31,773)
30	903 Customer records and collection expenses	1,905,778	735,944
31	904 Uncollectible accounts	(79,057)	(168,199)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	1,863,526	535,972
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	17,930	1,377
38	913 Advertising expenses	15,942	(3,620)
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	33,872	(2,243)
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	723,809	(142,662)
44	921 Office supplies and expenses	18,491	6,407
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	116,103	(65,938)
47	924 Property insurance	245,250	60,125
48	925 Injuries and damages	809,066	17,994
49	926 Employee pensions and benefits	1,682,410	1,326,013
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	219,800	26,357
53	931 Rents	0	0
55	Total operation	3,814,929	1,228,296

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES - Cont.</b>			
2	Maintenance:			
3	932 Maintenance of general plant	60,839	4,380	
4	Total administrative and general expenses	3,875,768	1,232,676	
5	Total Electric Operation and Maintenance Expenses	42,478,523	1,829,108	
<b>SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES</b>				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	<b>Power Production Expenses</b>			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	28,727,064		28,727,064
13	Total power production expenses	28,727,064		28,727,064
14	Transmission Expenses	4,377,795	592,889	4,970,684
15	Distribution Expenses	1,186,306	1,821,303	3,007,609
16	Customer Accounts Expenses	1,863,526		1,863,526
17	Sales Expenses	33,872		33,872
18	Administrative and General Expenses	3,814,929	60,839	3,875,768
19	Total Electric Operation and			
20	Maintenance Expenses	40,003,492	2,475,031	42,478,523
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)			74.57%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			4,878,490
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			36

TAXES CHARGED DURING THE YEAR									
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									
<b>TOTALS</b>									

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.

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				

<b>INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)</b>					
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	323,338			323,338
5	Commissions				0
6	Other (list according to major classes)				0
7					
8					
9					
10	Total Revenues	323,338	0	0	323,338
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)	323,338	0	0	323,338





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 (j)	Voltage at Which Delivered (k)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								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
	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
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0	0	0	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)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours		Net Difference (g)	Amount of Settlement (h)
					Received (e)	Delivered (f)		
1								0
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				0	0	0	0

B. Details of Settlement for Interchange Power

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

**ELECTRIC ENERGY ACCOUNT**

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

Line No.	Item (a)	Kilowatt-hours (b)
1	<b>SOURCES OF ENERGY</b>	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	
8	Purchases	329,442,720
9	( In (gross)	
10	Interchanges < Out (gross)	
11	( Net (Kwh)	0
12	( Received	
13	Transmission for/by others (wheeling) < Delivered	
14	( Net (Kwh)	0
15	<b>TOTAL</b>	<b>329,442,720</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to ultimate consumers (including interdepartmental sales)	316,557,834
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 3.91%	12,884,886
25	Unaccounted for losses	
26	Total energy losses	12,884,886
27	Energy losses as percent of total on line 15 3.91%	
28	<b>TOTAL</b>	<b>329,442,720</b>

**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	51,385	Tuesday	1/11/2022	6:00 PM	60 min	28,748,487
30	February	48,605	Tuesday	2/1/2022	9:00 AM	60 min	25,212,917
31	March	46,129	Tuesday	3/1/2022	12:00 PM	60 min	26,424,641
32	April	40,699	Thursday	4/7/2022	11:00 AM	60 min	23,231,299
33	May	56,505	Sunday	5/22/2022	4:00 PM	60 min	25,929,844
34	June	58,846	Monday	6/13/2022	4:00 PM	60 min	28,320,909
35	July	75,175	Thursday	7/21/2022	3:00 PM	60 min	35,378,396
36	August	78,242	Monday	8/8/2022	4:00 PM	60 min	35,444,793
37	September	51,123	Thursday	9/1/2022	3:00 PM	60 min	26,139,947
38	October	42,962	Friday	10/7/2022	2:00 PM	60 min	24,203,932
39	November	44,203	Monday	11/7/2022	1:00 PM	60 min	23,659,673
40	December	45,290	Monday	12/12/2022	6:00 PM	60 min	26,747,882
41						<b>TOTAL</b>	<b>329,442,720</b>

<b>GENERATING STATIONS</b>						<b>Pages 58 through 66</b>
<b>GENERATING STATION STATISTICS (Large Stations)</b> (Except Nuclear)						<b>Pages 58-59</b>
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
<b>STEAM GENERATING STATIONS</b>						<b>Pages 60-61</b>
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
<b>HYDROELECTRIC GENERATING STATIONS</b>						<b>Pages 62-63</b>
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
<b>COMBUSTION ENGINE AND OTHER GENERATING STATIONS</b>						<b>Pages 64-65</b>
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
<b>GENERATING STATION STATISTICS (Small Stations)</b>						<b>Page 66</b>
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	3.270	None	2	795 MCM OPGW
2								
3								
4	STA 495	STA 469	115KV	Underground	2,250.000		2	1000 MCM Solid Dieleutric Copper
5	Dean St	Ellis Ave			2-4 Way Duct Banks			
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	TOTALS					0		4

\* where other than 60 cycle, 3 phase, so indicate.

**SUBSTATIONS**

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment			
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)	
1	Station 495 - Dean Street	Distribution Attended	115,000	13,800		205,000	4	0	None			
2	Station 469 - Ellis Ave	Distribution - Unattended	115,000	13,800		165,000	3	0	None			
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26	TOTALS						370,000	7	0			

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 (c), (d), and (e) 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	138.72		138.72
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	138.72	0.00	138.72
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:	9,413	17,492	1,991	246,915.0
17	Additions during year:				
18	Purchased		780	4	1,600.0
19	Installed	4	151	28	1,900.0
20	Associated with utility plant acquired				
21	Total Additions	4	931	32	3,500.0
22	Reductions during year:				
23	Retirements	7	67	56	1,473.0
24	Associated with utility plant sold				
25	Total Reductions	7	67	56	1,473.0
26	Number at end of year	9,410	18,356	1,967	248,942.0
27	In stock		2,557	126	23,012.0
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		15,799	1,841	225,930.0
31	In company's use				
32	Number at end of year		18,356	1,967	248,942.0

\*

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

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

Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1		24.780	7.53 3/C	220 Volts		
2			9.27 1/C	220 Volts		
3			.05 2/C	220 Volts		
4			34.25 3/C	13,800 Volts		
5			6.48 1/C	13,800 Volts		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
49						
<b>TOTALS</b>		24.78	57.46			

\*indicate number of conductors per cable

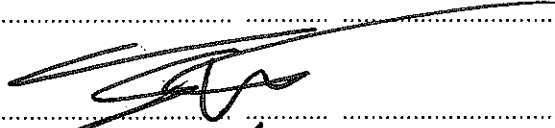
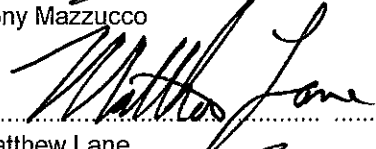

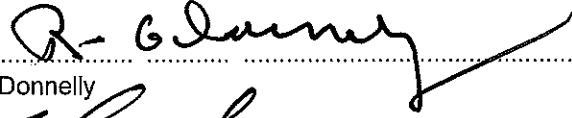
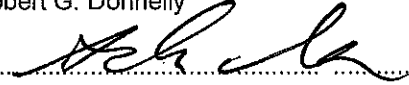
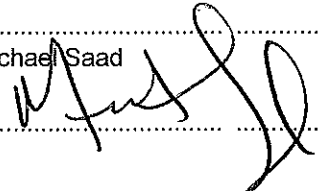
STREET LAMPS CONNECTED TO SYSTEM										
Line No.	City or Town (a)	Total (b)	Type							
			LED		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Norwood	2,950	2,898	0	12	0	0	0	40	0
2										
3										
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										
52	TOTALS	2,950	2,898	0	12	0	0	0	40	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
		<i>No Rate Changes for 2022</i>		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....	.....	Mayor
	.....	
Tony Mazzucco	.....	Town Manager
	.....	)
Matthew Lane	.....	)
	.....	Selectmen
William J. Plasko	.....	or
	.....	Members
Robert G. Donnelly	.....	of the
	.....	Municipal
Amanda Grow	.....	Light
	.....	Board
Michael Saad	.....	)

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

# INDEX

	Page
Appropriations of Surplus	21
Appropriations Since Beginning of Year	5
Bonds	6
Cash Balances	14
Changes in the Property	5
Combustion Engine and Other Generating Stations	64-65
Comparative Balance Sheet	10-11
Conduit, Underground Cable and Submarine Cable	70
Cost of Plant	8- 8B
Customers in each City or Town	4
Depreciation Fund Account	14
Earned Surplus	12
Electric Distribution Services, Meters, and Line Transformers	69
Electric Energy Account	57
Electric Operating Revenues	37
Electric Operation and Maintenance Expenses	39-42
General Information	3
Generating Station Statistics	58-59
Generating Statistics (Small Stations)	66
Hydroelectric Generating Stations	62-63
Income from Merchandising, Jobbing and Contract Work	51
Income Statement	12
Interchange Power	56
Materials and Supplies	14
Miscellaneous Credits to Surplus	21
Miscellaneous Debits to Surplus	21
Miscellaneous Nonoperating Income	21
Monthly Peaks and Output	57
Municipal Revenues	22
Other Income Deductions	21
Other Utility Operating Income	50
Overhead Distribution Lines Operated	69
Production Fuel and Oil Stocks	18
Purchased Power	22
Purchased Power Detailed (except Interchange)	54-55
Rate Schedule Information	79
Sales for Resale	22
Sales for Resale Detailed	52-53
Sales of Electricity to Ultimate Consumers	38
Schedule of Estimates	4
Signature Page	81
Steam Generating Stations	60-61
Streetlamps	71
Substations	68
Taxes Charged During Year	49
Town Notes	7
Transmission Line Statistics	67
Utility Plant-Electric	15-17

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