

The Commonwealth of Massachusetts
Department of Telecommunications and Energy
1 South Station 3rd floor
Boston, MA 02110

TO THE MAYORS, SELECTMEN, MUNICIPAL LIGHTS BOARDS AND MANAGERS OF
MUNICIPAL LIGHTING IN THE SEVERAL CITIES AND TOWNS IN THIS COMMON-
WEALTH OPERATING GAS OR ELECTRIC LIGHT PLANTS:

This form of the Annual Return should be filled out and one original and a duplicate copy (which may be a photocopy) should be returned to the Office of the Department of Telecommunications and Energy, 100 Cambridge Street, Boston Massachusetts, 02202, by September 30 of the year following the calendar year of the report in accordance with the statutes of the Commonwealth and the regulations of the Department made in pursuance thereof. *(I received an extension on the deadline.)*

Where the word "None" truly and completely states the fact, it should be given as the answer to any particular inquiry or portion of an inquiry.

If respondent so desires, cents may be omitted in the balance sheet, income statement and supporting schedules. All supporting schedules on an even-dollar basis, however, shall agree with even-dollar amounts in the main schedules. Averages and extracted figures, where cents are important, must show cents for reasons which are apparent.

Special attention is called to the legislation in regard to the Returns printed in the last page.

TO: Reading Municipal Light Board of Commissioners

FR: Benjamin Bloomenthal

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

TOWN OF READING MUNICIPAL LIGHT DEPARTMENT

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.

Gregory Phipps

Official Title: **General Manager**

Office Address: **230 Ash Street
Reading, MA 01867**

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FOR GAS PLANTS ONLY:

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GENERAL INFORMATION

- | | |
|--|---|
| 1. Name of town (or city) making this report. | Town of Reading |
| 2. If the town (or city) has acquired a plant, | |
| Kind of plant, whether gas or electric. | Electric |
| Owner from whom purchased, if so acquired. | Created in 1894 |
| 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, 94 ; No, 14 Second vote: Yes, 361 ; No, 21 | |
| Date when town (or city) began to sell electricity, | 1895 |
| 3. Name and address of acting general manager of municipal lighting: | Gregory Phipps
230 Ash Street
Reading, MA 01867 |
| 4. Name and address of mayor or selectman | Mark Dockser, Chair
Karen Gately Herrick, Vice Chair
Christopher Haley, Secretary
Carlo Bacci
Jacqueline McCarthy |
| 5. Name and address of town (or city) treasurer: | Sharon Angstrom
16 Lowell Street
Town Hall
Reading, MA 01867 |
| 6. Name and address of town (or city) clerk: | Laura A. Gemme
16 Lowell Street
Town Hall
Reading, MA 01867 |
| 7. Names and addresses of members of municipal light board: | Marlena Bitz, Chair
Phillip B. Pacino, Vice Chair
Robert Coulter
John W. Stempeck
David A. Talbot |
| 8. Total valuation of estates in town (or city) according to last state valuation | \$5,467,372,988.00 |
| 9. Tax rate for all purposes during the year: | \$12.90 |
| 10. Amount of manager's salary: | \$231,057.84 |
| 11. Amount of manager's bond: | \$50,000.00 |
| 12. Amount of salary paid to members of municipal light board (each) | \$0.00 |

FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR ENDING DECEMBER 31, NEXT

INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas.....	
2	From sales of electricity	100,202,359
3		
4	TOTAL	100,202,359
5	Expenses:	
6	For operation, maintenance and repairs.....	88,864,067
7	For interest on bonds, notes or scrip.....	
8	For depreciation fund (3% on \$162,197,000.00).....	5,056,984
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	
12	For loss in preceding year.....	
13	TOTAL	93,921,051
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.....	
19	Of electricity to be used for street lights.....	
20	Total of the above items to be included in the tax levy.....	
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers' Meters, Dec 31.	City or Town	Number of Customers' Meters, Dec 31.
		Reading	10,880
		Lynnfield	3,146
		North Reading	6,989
		Wilmington	9,676
		Co-Op Resale	20
		TOTAL	30,711

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT:

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

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

1. Street Lights.....	\$	_____
2. Municipal Buildings.....		_____
	\$	_____

*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:

SEE ATTACHED SCHEDULE

In gas property:

BONDS

(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Rate	Interest	Amount Outstanding
			Amounts	When Payable		When Payable	
Aug-1894	Oct 1894	50,000					
May-1907	Oct-1907	26,000					
Jun-1911	Jul-1911	20,000					
Aug-1913	Oct-1913	23,500					
Sep-1914	Sep-1914	8,000					
Mar-1916	May-1916	10,000					
Mar-1917	Oct-1917	55,000					
Oct-1918	Jan-1919	12,000					
Mar-1919	Apr-1919	20,000					
Mar-1917	May-1920	20,000					
Dec-1923	Dec-1924	10,000					
Mar-1928	Aug-1927	13,000					
Mar-1930	Jun-1930	15,000					
Mar-1931	Apr-1931	40,000					
Jan-1951	Oct-1951	150,000					
Dec-1952	Jul-1953	150,000					
Mar-1955	Dec-1955	125,000					
Mar-1956	Sep-1956	600,000					
Mar-1970	Nov-1970	600,000					
Mar-1970	Aug-1979	1,000,000					
Feb-1991	Feb-1991	3,465,000					
Dec-1992	Dec-1992	1,860,000	210,000	February 15	4.10	February 15; August 15	0.00
Jul-1996	Jul-1996	2,978,000	296,000	July 1	4.83	January 1; July 1	0.00
Dec-1999	Dec-1999	5,500,000	550,000	September 1	4.57	March 1; September 1	0.00
	TOTAL	16,750,500	1,056,000				-

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

*Date of meeting and whether regular or special

TOWN NOTES

(Issued on Account of Gas or Electric Lighting)

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount of Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Mar-1896	Mar-1896	7,000					
Dec-1896	Dec-1896	1,500					
Mar-1898	Jul-1898	3,000					
Mar-1903	Dec-1903	1,400					
Mar-1909	Nov-1909	2,500					
Jan-1909	Jan-1910	1,800					
Jan-1910	Mar-1910	12,000					
Mar-1911	Jul-1911	2,200					
Mar-1913	Apr-1913	13,500					
Mar-1915	May-1915	12,000					
Mar-1915	Jul-1915	4,000					
Mar-1917	Sep-1917	6,500					
Nov-1919	Nov-1919	3,000					
Mar-1921	Jul-1921	7,000					
Dec-1922	Dec-1922	7,000					
May-1934	May-1934	20,000					
Mar-1935	Jun-1935	20,000					
Mar-1937	Apr-1937	60,000					
Jun-1939	Nov-1939	25,000					
Mar-1939	Jul-1939	15,000					
Jun-1939	Jul-1939	36,000					
Mar-1941	May-1941	21,000					
Mar-1941	May-1941	10,000					
Dec-1948	Mar-1949	80,000					
Nov-1985	Dec-1985	183,427					
Aug-1992	Aug-1992	680,000					
Apr-1994	Apr-1994	2,000,000					
Aug-1995	Aug-1995	1,090,000					
	TOTAL	4,324,827					0.00

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

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to prescribed accounts.
 2. Do not include as adjustments, corrections of additions and retirements for the current or the pre-

ceding year. Such items should be included in column (c) or (d) as appropriate.
 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4							
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights.....						
8	311 Structures and Improvements.....						
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							
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...						

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						
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.....	2,479,336					2,479,336
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	Total Other Production Plant	2,479,336	-	-	-	-	2,479,336
19	Total Production Plant	2,479,336	-	-	-	-	2,479,336
20	3. Transmission Plant						
21	350 Land and Land Rights.....	25,015					25,015
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements.....	1,584,213					1,584,213
24	353 Station Equipment.....	5,758,096	86,299				5,844,395
25	354 Towers and Fixtures.....	86,169					86,169
26	355 Poles and Fixtures.....	300,248					300,248
27	356 Overhead Conductors and Devices...	229,661					229,661
28	357 Underground Conduits.....	44,256					44,256
29	358 Underground Conductors and Devices	61,954					61,954
30	359 Roads and Trails.....						
31	Total Transmission Plant	8,089,612	86,299	-	-	-	8,175,911

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)
	Balance carried over from page 8A	10,568,948	86,299	-	-	-	10,655,247
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	843,454	4,009,433				4,852,887
3	361 Structures and Improvements	7,531,501	66,307				7,597,808
4	362 Station Equipment	11,640,441	51,262				11,691,703
5	363 Storage Battery Equipment	82,963	6,289				89,252
6	364 Poles, Towers and Fixtures	32,637,229	1,343,195	119,238			33,861,187
7	365 Overhead Conductors and Devices	27,184,805	2,371,621	97,299			29,459,127
8	366 Underground Conduits	9,456,487	31,430	9,651			9,478,266
9	367 Underground Conductors & Devices	14,091,165	1,228,947	31,461			15,288,651
10	368 Line Transformers	11,928,989	146,678	137,218			11,938,449
11	369 Services	6,277,321	96,698	-			6,374,019
12	370 Meters	5,739,610	315,395	28,375			6,026,629
13	371 Installation on Cust's Premises	-					-
14	372 Leased Prop. on Cust's Premises	-					-
15	373 Street Light and Signal Systems	3,808,083	47,734	4,751			3,851,066
16	Total Distribution Plant	131,222,048	9,714,987	427,993	-	-	140,509,042
17	5. GENERAL PLANT						
18	389 Land and Land Rights	397,372					397,372
19	390 Structures and Improvements	9,505,774					9,505,774
20	391 Office Furniture and Equipment	9,650,498	65,866	34,990			9,681,374
21	392 Transportation Equipment	4,904,372	368,796	67,350			5,205,818
22	393 Stores Equipment	135,854					135,854
23	394 Tools, Shop and Garage Equipment	604,798	22,293				627,091
24	395 Laboratory Equipment	578,883	90,486				669,369
25	396 Power Operated Equipment	-					-
26	397 Communication Equipment	3,128,452	5,889				3,134,341
27	398 Miscellaneous Equipment	536,499	75,957				612,456
28	399 Other Tangible Property	-					-
29	Total General Plant	29,442,502	629,287	102,340			29,969,449
30	Total Electric Plant in Service	171,233,498	10,430,573	530,333	-	-	181,133,737
31				TOTAL COST OF PLANT.....			
32				Less Cost of Land, Land Rights, and Rights of Way			5,275,275
33				Total Cost upon which depreciation is based			175,858,463

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant -Electric.....	86,032,231	91,985,049	5,952,818
3	101 Utility Plant- Gas.....			
4	123 Investment in Associated Companies.....	883,966	976,518	92,552
5	Total Utility Plant.....	86,916,197	92,961,567	6,045,370
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	11,960,014	13,241,031	1,281,017
14	128 Other Special Funds.....	8,763,655	1,404,037	(7,359,618)
15	Total Funds.....	20,723,669	14,645,068	(6,078,601)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	28,057,207	36,985,156	8,927,949
18	132 Special Deposits.....	1,547,700	1,681,059	133,359
19	132 Working Funds.....	3,500	3,500	-
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	8,738,254	9,385,176	646,922
22	143 Other Accounts Receivable.....	54,679	101,913	47,234
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	1,829,535	2,295,222	465,687
25				
26	165 Prepayments.....	2,392,305	2,345,121	(47,184)
27	174 Miscellaneous Current Assets		1,993,599	1,993,599
28	Total Current and Accrued Assets...	42,623,180	54,790,746	12,167,566
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....	-	-	-
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....	6,754,497	6,113,387	(641,110)
33	Total Deferred Debits.....	6,754,497	6,113,387	(641,110)
34				
35	Total Assets and Other Debits.....	157,017,543	168,510,768	11,493,225

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction.....			
3	SURPLUS			
4	205 Sinking Fund Reserves.....	119,304	119,304	-
5	206 Loans Repayment.....	15,403,000	15,403,000	-
6	207 Appropriations for Construction Repayment..			
7	208 Unappropriated Earned Surplus (P. 12).....	97,344,222	107,240,726	9,896,504
8	Total Surplus.....	112,866,526	122,763,030	9,896,504
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....	-	-	-
11	231 Notes Payable (P. 7).....			
12	Total Bonds and Notes.....	-	-	-
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	7,734,458	9,763,661	2,029,203
15	234 Payables to Municipality OPEB due to		274,087	274,087
16	235 Customer Deposits.....	1,547,700	1,681,059	133,359
17	236 Taxes Accrued.....			
18	237 Interest Accrued.....	16,201,630	9,714,497	(6,487,133)
19	242 Miscellaneous Current and Accrued Liabilities	2,459,778	2,233,512	(226,266)
20	Total Current and Accrued Liabilities...	27,943,565	23,666,816	(4,276,749)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....	2,513,250	2,911,725	398,475
24	253 Other Deferred Credits.....	4,327,923	9,802,918	5,474,995
25	Total Deferred Credits	6,841,173	12,714,643	5,873,470
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....	200,000	200,000	-
28	261 Property Insurance Reserve.....			
29	262 Injuries and Damages Reserves.....			
30	263 Pensions and Benefits.....			
31	265 Miscellaneous Operating Reserves.....			
32	Total Reserves.....	200,000	200,000	-
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....	9,166,279	9,166,279	-
35	Total Liabilities and Other Credits	157,017,543	168,510,768	11,493,225

State below if any earnings of the Municipal Lighting Plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

--	--

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	OPERATING INCOME		
2	400 Operating Revenue (P. 37)	100,202,359	13,798,856
3	Operating Expenses:		
4	401 Operation Expense (P. 42).....	78,029,187	6,082,098
5	402 Maintenance Expense (P. 42).....	4,057,252	275,068
6	403 Depreciation Expense	5,056,984	173,227
7	407 Amortization of Property Losses.....		
9	408 Taxes (P. 49).....	1,720,644	65,211
10	Total Operating Expenses.....	88,864,067	6,595,604
11	Operating Income.....		
12	414 Other Utility Operating Income (P. 50).....		
13			
14	Total Operating Income.....	11,338,293	7,203,252
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51).....	752,823	(148,204)
17	419 Interest Income.....	300,617	168,633
18	421 Miscellaneous Income.....		
19	Total Other Income.....	1,053,440	20,429
20	Total Income.....	12,391,732	7,223,681
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Change in Accounting Principle.....		
23	426 Other Income Deductions.....		
24	Total Income Deductions.....	-	-
25	Income before Interest Charges.....	12,391,732	7,223,681
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes.....		
28	428 Amortization of Debt Discount and Expense.....		
29	429 Amortization of Premium on Debt.....		
30	431 Other Interest Expense.....	1,727	(3,823)
31	432 Interest Charged to Construction-Credit.....		
32	Total Interest Charges	1,727	(3,823)
33	Net Income.....	12,390,005	7,227,504

EARNED SURPLUS

Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of period).....		97,344,222
35	restated - Implementation of GASB 75		
36			
37	433 Balance Transferred from Income.....		12,390,005
38	434 Miscellaneous Credits to Surplus (P. 21).....		40,250
39	435 Miscellaneous Debits to Surplus (P. 21).....	50,596	
40	436 Appropriations of Surplus (P. 21).....	2,503,974	
41	437 Surplus Applied to Depreciation.....		20,819
42	208 Unappropriated Earned Surplus (at end of period).....	107,240,726	
43			
44	TOTALS	109,795,296	109,795,296

CASH BALANCES AT END OF YEAR (Account 131)

Line No.	Items (a)	Amount (b)
1	Operation Fund.....	36,378,127
2	Interest Fund.....	
3	Bond Fund.....	
4	Construction Fund.....	
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	36,378,127

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

Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25).....		
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	2,295,222	
17	Merchandise (Account 155).....		
18	Other Materials and Supplies (Account 156).....		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159).....		
22	Stores Expense (Account 163).....		
23	Total per Balance Sheet	2,295,222	

Depreciation Fund Account (Account 126)

Line No.	(a) DEBITS	Amount (b)
24		
25	Balance of Account at Beginning of Year.....	11,960,014
26	Income During Year from Balance on Deposit.....	112,561
27	Amount Transferred from Income.....	11,599,030
28	TOTAL	23,671,605
29		
30	CREDITS	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.).....	10,430,573
32	Amounts Expended for Renewals.....	
33	Adjustment.....	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	
40	TOTAL	13,241,032

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.....	2,160,163	-	74,380			2,085,783
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	Total Other Production Plant	2,160,163	-	74,380	-	-	2,085,783
19	Total Production Plant	2,160,163	-	74,380	-	-	2,085,783
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights.....	25,015	-	-			25,015
22	351 Clearing Land and Rights of Way..	-	-	-			-
23	352 Structures and Improvements.....	524,396		28,379			496,017
24	353 Station Equipment.....	3,166,902	86,299	139,089			3,114,112
25	354 Towers and Fixtures.....	-	-	-			-
26	355 Poles and Fixtures.....	158,349	-	9,007			149,342
27	356 Overhead Conductors and Device..	136,971	-	6,890			130,081
28	357 Underground Conduits.....	1,377	-	51			1,325
29	358 Underground Conductors and Dev..	20,948	-	771			20,177
30	359 Roads and Trails.....	-	-	-			-
31	Total Transmission Plant	4,033,958	86,299	184,187	-	-	3,936,070

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.....	843,454	4,009,433				4,852,887
3	361 Structures and Improvements.....	3,932,347	66,307	218,063			3,780,590
4	362 Station Equipment.....	4,810,167	51,262	225,079			4,636,349
5	363 Storage Battery Equipment.....	45,998	6,289	2,489			49,798
6	364 Poles and Fixtures.....	18,407,180	1,343,195	1,050,203			18,700,173
7	365 Overhead Conductors and Devices.....	20,001,241	2,371,621	874,754			21,498,108
8	366 Underground Conduits.....	3,064,088	31,430	304,291			2,791,226
9	367 Underground Conductors and Devices	8,175,351	1,228,947	453,426			8,950,872
10	368 Line Transformers.....	6,338,039	146,678	383,852		(13,140)	6,087,725
11	369 Services.....	1,255,039	96,698	201,992			1,149,744
12	370 Meters.....	3,351,431	315,395	184,689		(20,239)	3,461,897
13	371 Installation on Cust's Premises....	-					-
14	372 Leased Prop. on Cust's Premises.	-					-
15	373 Street Light and Signal Systems.....	2,535,420	47,734	122,537			2,460,617
16	Total Distribution Plant	72,759,753	9,714,987	4,021,376	-	(33,379)	78,419,986
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....	397,372	-				397,372
19	390 Structures and Improvements.....	2,569,810		245,091			2,324,719
20	391 Office Furniture and Equipment.....	1,816,724	65,866	233,859			1,648,730
21	392 Transportation Equipment.....	709,874	368,796	212,806			865,864
22	393 Stores Equipment.....	24,186		1,792			22,394
23	394 Tools, Shop and Garage Equipment.	78,558	22,293	11,197			89,655
24	395 Laboratory Equipment.....	163,403	90,486	13,136			240,753
25	396 Power Operated Equipment.....						
26	397 Communication Equipment.....	986,133	5,889	60,059			931,963
27	398 Miscellaneous Equipment.....	332,297	75,957	41,147			367,107
28	399 Other Tangible Property.....						
29	Total General Plant	7,078,357	629,287	819,086	-	-	6,888,557
30	Total Electric Plant in Service	86,032,231	10,430,573	5,099,030	-	(33,379)	91,330,396
31	104 Utility Plant Leased to Others.....	-					-
32	105 Property Held for Future Use.....	-					-
33	107 Construction Work in Progress.....	-					-
34	Total Utility Electric Plant	86,032,231	10,430,573	5,099,030	-	(33,379)	91,330,396

**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					
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF					
13	BALANCE END OF YEAR					

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

MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16	Various Refunds (incl MMWEC Flush)	40,250
17		
18		
19		
20		
21		
22		
23	TOTAL	40,250

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24		
25		
26	Loss on Disposal of Electric Plant Utility	50,596
27		
28		
29		
30		
31		
32	TOTAL	50,596

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33		
34	Transfer to Town of Reading	2,503,974
35		
36		
37		
38		
39		
40	TOTAL	2,503,974

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

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

Line No.	Acct No.	Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [0.0000] (d)
5					
6					
7					
8					
9	444	Municipal: (Other than Street Lighting)	24,450,359	2,109,261	0.0863
10					
11					
12					
13		Municipal Street Lighting	830,448	163,221	0.1965
14					
15					
16					
17					
18					
19		TOTALS	25,280,807	2,272,482.13	0.0899

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Cost per K.W.H. cents [0.0000] (e)
20	MMWEC Projects		78,793,462	\$9,334,178	0.2136
21	ENE Consulting Fees			\$365,158	
22	Nextera		362,789,252	\$9,301,120	0.0361
23	HQ Phase 2 Companies			\$1,421	
24	ISO-NE		100,104,628	\$9,813,894	0.0980
25	Battery Storage			\$612,482	
26	Solar/Wind		47,553,654	\$4,285,640	0.0911
27	Middleton/Nat Grid			\$30,834	
28	Braintree Watson		3,477,120	\$2,072,789	0.5961
29	Hydro Projects		82,120,968	\$5,759,886	0.0701
		TOTALS	674,839,083	\$41,577,401	0.0616

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to Which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Revenues per K.W.H. [cents] [0.0000] (e)
32	NStar	Customer Premises	3,270,840	488,631	0.1494
33	Town of Wakefield	Customer Premises	1,151,028	96,083	0.0835
34	Town of Middleton	Customer Premises	11,677	1,775	0.1520
35					
36					
37					
38					
39					
40					
41		TOTALS	4,433,545	586,489	0.1323

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of Operating Revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
 2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.
 3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are

added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
 5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 Kw of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

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.....	30,664,161	4,777,160	259,423,229	(92,363)	27,081	65
3	442 Commercial and Industrial Sales:	32,051,743	6,427,253	367,537,788	(2,202,353)	4,353	18
4	Small (or Commercial) see instr. 5.....						
5	Large (or Industrial) see instr. 5.....						
6	444 Municipal Sales (P.22)	2,272,482	346,720	25,280,807	859,370	296	1
7	445 Other Sales to Public Authorities.....						
8	446 Sales to Railroads and Railways.....						
9	448 Interdepartmental Sales.....						
10	449 Miscellaneous Electric Sales.....	135,685	7,549	226,610	0	240	0
	449.1 Provision for Rate Refunds/PPCT.....	31,737,379	920,051				
11	Total Sales to Ultimate Consumers.....	96,861,450	12,478,733	652,468,434	(1,435,346)	31,969	83
12	447 Sales for Resale.....	586,489	77,999	4,433,545	103,265	20	0
13	Total Sales of Electricity*.....	97,447,939	12,556,732	656,901,979	(1,332,081)	31,989	83
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts.....	811,391	21,900				
16	451 Miscellaneous Service Revenues (ECC).....	1,943,029	1,224,683				
17	453 Sales of Water and Water Power.....						
18	454 Rent from Electric Property.....						
19	455 Interdepartmental Rents.....						
20	456 Other Electric Revenues						
21							
22							
23							
24							
25	Total Other Operating Revenues.....	2,754,420	1,246,583				
26	Total Electric Operating Revenues.	100,202,359	13,803,315				

*Includes revenues from application of fuel clauses

35,758,296

Total KWH to which applied

656,901,979

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered)	
						Jul-21 (e)	Dec-21 (f)
1	Residential - A		259,423,229	30,664,161	0.1182	27,018	27,146
2	Industrial - C		367,537,788	32,051,743	0.0872	4,324	4,370
3	Municipal - C		24,450,359	2,109,261	0.0863	281	281
4	Street Lighting		830,448	163,221	0.1965	15	15
5	Private Street Lighting		226,610	135,685	0.5988	238	240
6							
7	Provision for Purchased Power Adjustments			31,737,379			
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
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38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE						
49	CONSUMERS (Page 37 Line 11)		652,468,434	96,861,450	0.1485	31,876	32,052

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

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

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSE		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation Supervision and Engineering.....		
5	501 Fuel.....		
6	502 Steam Expense.....		
7	503 Steam from Other Sources.....		
8	504 Steam Transferred -- Cr.....		
9	505 Electric Expenses.....		
10	506 Miscellaneous Steam Power Expenses.....		
11	507 Rents.....		
12	Total Operation	-	-
13	Maintenance:		
14	510 Maintenance Supervision and Engineering.....		
15	511 Maintenance of Structures.....		
16	512 Maintenance of Boiler Plant.....		
17	513 Maintenance of Electric Plant.....		
18	514 Maintenance of Miscellaneous Steam Plant.....		
19	Total Maintenance	-	-
20	Total Power Production Expenses -- Steam Power	-	-
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation Supervision and Engineering.....		
24	518 Fuel.....		
25	519 Coolants and Water.....		
26	520 Steam Expense.....		
27	521 Steam from Other Sources.....		
28	522 Steam Transferred -- Cr.....		
29	523 Electric Expenses.....		
30	524 Miscellaneous Nuclear Power Expenses.....		
31	525 Rents.....		
32	Total Operation	-	-
33	Maintenance:		
34	528 Maintenance Supervision and Engineering.....		
35	529 Maintenance of Structures.....		
36	530 Maintenance of Reactor Plant Equipment.....		
37	531 Maintenance of Electric Plant.....		
38	532 Maintenance of Miscellaneous Nuclear Plant.....		
39	Total Maintenance	-	-
40	Total Power Production Expenses -- Nuclear Power	-	-
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation Supervision and Engineering.....		
44	536 Water for Power.....		
45	537 Hydraulic Expenses.....		
46	538 Electric Expenses.....		
47	539 Miscellaneous Hydraulic Power Generation Expenses.....		
48	540 Rents.....		
49	Total Operation	-	-

(continued on page 40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - CONTINUED		
2	Maintenance:		
3	541 Maintenance Supervision and Engineering.....		
4	542 Maintenance of Structures.....		
5	543 Maintenance of Reservoirs, Dams and Waterways.....		
6	544 Maintenance of Electric Plant.....		
7	545 Maintenance of Miscellaneous Hydraulic Plant.....		
8	Total Maintenance	-	-
9	Total Power Production Expenses - Hydraulic Power	-	-
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering.....		
13	547 Fuel.....		
14	548 Operation Expenses.....		
15	549 Miscellaneous Other Power Generation Expenses.....		
16	550 Rents.....		
17	Total Operation	-	-
18	Maintenance:		
19	551 Maintenance Supervision and Engineering.....		
20	552 Maintenance of Structure.....		
21	553 Maintenance of Generating and Electric Plant.....		
22	554 Maintenance of Miscellaneous Other Power Generation Plant.....		
23	Total Maintenance	-	-
24	Total Power Production Expenses - Other Power	-	-
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	48,455,565	3,888,623
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....	-	-
29	Total Other Power Supply Expenses	48,455,565	3,888,623
30	Total Power Production Expenses	48,455,565	3,888,623
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering.....		
34	561 Load Dispatching.....	142,916	
35	562 Station Expenses.....	68,681	
36	563 Overhead Line Expenses.....		
37	564 Underground Line Expenses.....		
38	565 Transmission of Electricity by Others.....	16,151,055	462,484
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	Total Operation	16,362,652	462,484
42	Maintenance:		
43	568 Maintenance Supervision and Engineering.....		
44	569 Maintenance of Structures.....		
45	570 Maintenance of Station Equipment.....		
46	571 Maintenance of Overhead Lines.....		
47	572 Maintenance of Underground Lines.....		
48	573 Maintenance of Miscellaneous Transmission Plant.....		
49	Total Maintenance	-	-
50	Total Transmission Expenses	16,362,652	462,484

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.....	1,176,831	100,534
4	581 Load Dispatching.....	406,883	125,314
5	582 Station Expenses.....	538,796	(33,102)
6	583 Overhead Line Expenses.....	788,574	175,192
7	584 Underground Line Expenses.....		
8	585 Street Lighting and Signal System Expenses.....		
9	586 Meter Expenses.....	220,475	47,252
10	587 Customer Installations Expenses.....		
11	588 Miscellaneous Distribution Expenses.....	447,076	(12,169)
12	589 Rents.....		
13	Total Operation	3,578,635	403,021
14	Maintenance:		
15	590 Maintenance Supervision and Engineering.....		-
16	591 Maintenance of Structures.....		
17	592 Maintenance of Station Equipment.....		
18	593 Maintenance of Overhead Lines.....	1,387,106	(173,906)
19	594 Maintenance of Underground Lines.....	259,023	234,975
20	595 Maintenance of Line Transformers.....	231,738	(99,792)
21	596 Maintenance of Street Lighting and Signal Systems.....		
22	597 Maintenance of Meters.....		
23	598 Maintenance of Miscellaneous Distribution Plant.....	607,893	195,180
24	Total Maintenance	2,485,760	156,457
25	Total Distribution Expenses	6,064,395	559,478
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....		
29	902 Meter Reading Expenses.....		
30	903 Customer Records and Collection Expenses.....	1,177,530	95,917
31	904 Uncollectable Accounts.....	10,233	(25,317)
32	905 Miscellaneous Customer Accounts Expenses.....		
33	Total Customer Accounts Expenses	1,187,763	70,600
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....		
37	912 Demonstrating and Selling Expenses.....		
38	913 Advertising Expenses.....		
39	916 Miscellaneous Sales Expense.....	2,468,980	126,904
40	Total Sales Expenses	2,468,980	126,904
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Expenses.....	2,065,363	90,589
44	921 Office Supplies and Expenses.....	16,830	545
45	922 Administrative Expenses Transferred - Cr.....		
46	923 Outside Services Employed.....	982,042	41,612
47	924 Property Insurance.....	414,521	(13,665)
48	925 Injuries and Damages.....	21,157	(11,386)
49	926 Employees Pensions and Benefits.....	1,730,569	972,532
50	928 Regulatory Commission Expenses.....		
51	929 Duplicate Charges - Cr.....		
52	930 Miscellaneous General Expenses.....	532,743	108,149
53	931 Rents.....	212,367	11,047
54	Total Operation	5,975,592	1,199,423

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE EXPENSES		
2	Maintenance:		
3	932 Maintenance of General Plant.....	1,571,492	118,611
4	Total Maintenance	1,571,492	118,611
5	Total Administrative and General Expenses	7,547,084	1,318,034

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	OPERATION (b)	MAINTENANCE (c)	TOTAL (d)
6	Power Production Expenses			
7	Electric Generation			
8	Steam Power.....			
9	Nuclear Power.....			
10	Hydraulic Power.....			
11	Other Power.....			-
12	Other Power Supply Expenses.....	48,455,565		48,455,565
13	Total Power Production Expenses	48,455,565		48,455,565
14	Transmission Expenses.....	16,362,652	-	16,362,652
15	Distribution Expenses.....	3,578,635	2,485,760	6,064,395
16	Customer Accounts Expenses.....	1,187,763		1,187,763
17	Sales Expenses.....	2,468,980		2,468,980
18	Administrative and General Expenses.....	5,975,592	1,571,492	7,547,084
19				
20	Total Electric Operation and Maintenance Expenses	78,029,187	4,057,252	82,086,439

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).....	86.97%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.....	\$ 10,075,544
23	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees).....	75

TAXES CHARGED DURING YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.
 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of appropriate balance sheet plant account or subaccount.

plant account or subaccount.
 5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis or apportioning such tax.
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)							
			Electric (Acct. 408, 409) (c)	Gas (Acct. 408,409) (d)	(e)	(f)	(g)	(h)	(l)	(j)
1										
2										
3										
4	Voluntary Payment to Towns	1,720,644	1,720,644							
5										
6										
7										
8										
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26										
27										
28	TOTAL	1,720,644	1,720,644							

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column.

Line No.	Property (a)	Amount of Investment (b)	Amount of Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
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50					
51					
	TOTALS				

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

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

Line No.	Item (a)	Electric Department (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising Sales, less Discounts,				
3	Allowances and Returns.....	677,541			677,541
4	Contract Work - Street Lights.....				
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	677,541			677,541
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to major				
15	classes of cost).....	75,282			75,282
16					
17	Labor				
18	Materials				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses.....				
27	Customer Accounts Expenses.....				
28	Administrative and General Expenses.....				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	75,282			75,282
51	Net Profit (or Loss)	752,823			752,823

SALES FOR RESALE (Account 447) - Continued

5 If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f).. The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of Kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

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

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

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per Kwh (cents) [0.0000] (p)	Line No.
			Demand 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
			None					16
								17
								18
								19
								20
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								41
TOTALS								42

PURCHASED POWER (Account 555)

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

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power DP; other, O, and place an "X" in column (c) if purchase involves import across a state line.

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

Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Kw or Kva Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	PEAKING PROJECT	O		Town Line		24,981	KW	
2	INTERMEDIATE PROJECT	O		Town Line		42,925	KW	
3	NUC. MIX ONE - SEABROOK	O	X	Town Line		293	KW	
4	NUC. MIX ONE - MILLSTONE 3	O	X	Town Line		2,893	KW	
5	NUCLEAR PROJECT THREE	O	X	Town Line		2,057	KW	
6	NUCLEAR PROJECT FOUR	O	X	Town Line		6,802	KW	
7	NUCLEAR PROJECT FIVE	O	X	Town Line		824	KW	
8	NYPA	O	X	Town Line		4,019	KW	
9	BRAINTREE WATSON UNIT	FP		Town Line				
10	ENE CONSULTING FEES			Town Line				
11	NEXTERA	O	X	Town Line				
12	MINUTEMAN ENERGY STORAGE	O		Town Line				
13	HQ PH.1 TRANS. SUPP. VEC	O	X	Town Line				
14	HQ PH.1 TRANS. SUPP. NEE	O	X	Town Line				
15	HQ PH. 2	O	X	Town Line				
16	ISO -NE/ LNS			Town Line		54,498	KW	
17	ISO -NE OTHER			Town Line				
18	ALTUS	O		Town Line				
19	KEARSARGE	O		Town Line				
20	HYDRO PROJECTS	O	X	Town Line				
21	ROXWIND	O	X	Town Line				
22	SADDLEBACK WIND	O	X	Town Line				
23	JERICO WIND	O	X	Town Line				
24	GSRP/MARINA SOLAR	O		Town Line				
25	COOP RESALE (NGRID/MELD)							
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
	TOTALS					139,292		

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (l) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

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

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit Cents)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 Minute	115,000	1,179,979	718,498	294,273	33129.07	1,045,900	0.8864	1
60 Minute	115,000	15,039,400	1,957,489	1,657,916	54781.85	3,670,187	0.2440	2
60 Minute	115,000	38,332,634	58,407	11,984	189.912	70,580	0.0018	3
60 Minute	115,000	15,193,771	503,692	94,417	23119.51	621,229	0.0409	4
60 Minute	115,000	21,318,061	709,580	132,474	32438.8	874,493	0.0410	5
60 Minute	115,000	59,415,323	1,308,078	272,122	4312.33	1,584,513	0.0267	6
60 Minute	115,000	7,328,596	166,120	33,565	531.91	200,217	0.0273	7
60 Minute	115,000	26,062,251	197,841	161,489	907728.85	1,267,059	0.0486	8
60 Minute	115,000	3,477,120	1,388,038	684,751		2,072,789	0.5961	9
60 Minute	115,000	0	365,158			365,158	0.0000	10
60 Minute	115,000	257,712,699	0	9,301,120	0	9,301,120	0.0361	11
60 Minute	115,000	0	617,793	(174)	(5,137)	612,482	0.0000	12
60 Minute	115,000	0	0	0	6907.1	6,907	0.0000	13
60 Minute	115,000	0	0	0	8811.08	8,811	0.0000	14
60 Minute	115,000	0	0	0	1421	1,421	0.0000	15
60 Minute	115,000	100,104,628	0	9,813,894	0	9,813,894	0.0980	16
60 Minute	115,000	0	0	2,478	0	2,478	0.0000	17
60 Minute	115,000	1,624,171	0	126,082	0	126,082	0.0776	18
60 Minute	115,000	2,292,878	0	171,966	0	171,966	0.0750	19
60 Minute	115,000	82,120,968	0	5,759,886	0	5,759,886	0.0701	20
60 Minute	115,000	21,832,744	0	1,899,449	0	1,899,449	0.0870	21
60 Minute	115,000	12,861,103	0	1,211,156	0	1,211,156	0.0942	22
60 Minute	115,000	5,747,628	0	632,239	0	632,239	0.1100	23
60 Minute	115,000	3,195,130	0	244,749	0	244,749	0.0766	24
60 Minute	115,000	0	30,834	0	0	30,834	0.0000	25
								26
								27
								28
								29
								30
								31
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								39
								40
								41
TOTALS		674,839,083	8,021,530	32,505,832	1,068,234	41,595,597	0.0616	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	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Kilowatt-hours			Amount of Settlement
					Received	Delivered	Net Difference	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	ISO-NE	NO	NEPEX	115,000	100,489,990		100,489,990	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	100,489,990	0	100,489,990	0

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)		Amount (k)
13	NEPEX	Kwh Received	Adjusted Net Interchange	0
14				
15				
16				
17				
18		Kwh Delivered	Adjusted Net Interchange	100,489,990
19				
20				
21				TOTALS
				100,489,990

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)	Kilowatt-hours (b)
SOURCES OF ENERGY		
1		
2	Generation (excluding station use):	
3	Steam.....	
4	Nuclear.....	
5	Hydro.....	
6	Other.....	
7	Total generation.....	
8	Purchases.....	574,734,457
9	{ In (gross)	0
10	Interchanges.....	100,489,990
11	{ Out (gross)	
12	{ Net (Kwh).....	100,489,990
13	{ Received.....	
14	Transmission for/by others (Wheeling).....	
14	{ Delivered.....	
14	{ Net (kwh).....	
15	TOTAL	675,224,447
DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales).....	652,468,434
18	Sales for resale.....	4,433,545
19	Energy furnished without charge	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	558,600
22	Energy losses:	
23	Transmission and conversion losses.....	17,763,868
24	Distribution losses.....	
25	Unaccounted for losses.....	0
26	Total energy losses.....	17,763,868
27	Energy losses as percent of total on line 15.....	2.63%
28	Losses within RMLD system.....	0.00%
	TOTAL	675,224,447

MONTHLY PEAKS AND OUTPUT

- | | |
|--|---|
| <p>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.</p> <p>2. Monthly peak col. (b) should be respondent's maximum Kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.</p> | <p>3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.)</p> <p>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.</p> <p>5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.</p> |
|--|---|

_____ System

Monthly Peak

Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)
29	January	103,177	Tuesday	11	1700	Integrated	59,252,087
30	February	95,662	Tuesday	1	1400	Integrated	51,270,984
31	March	91,122	Tuesday	1	1400	Integrated	52,903,186
32	April	79,995	Wednesday	6	1400	Integrated	47,552,470
33	May	128,128	Sunday	22	1800	Integrated	54,132,311
34	June	132,231	Sunday	26	1700	Integrated	58,216,080
35	July	160,253	Thursday	21	1400	Integrated	73,159,329
36	August	164,121	Monday	8	1700	Integrated	72,714,248
37	September	113,701	Monday	12	1400	Integrated	52,555,396
38	October	81,548	Tuesday	25	1400	Integrated	48,740,712
39	November	86,169	Tuesday	29	1700	Integrated	49,310,285
40	December	95,336	Monday	19	1800	Integrated	55,417,359
41						TOTAL	675,224,447

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

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Hw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings). (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)
 2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.
 3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.
 5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.
 6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.
 7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501 and

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

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

547 as shown on Line 24

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

operations with a conventional steam unit, the gas turbine should be included with the steam station.

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
						1
						2
						3
						4
						5
						6
						7
						8
						9
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						11
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						40
						41
						42

STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1							
2							
3							
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33							
34							
35							
36							
37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
 4. Designate any generating station or portion thereof leased to another company and give name or lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Turbine-Generators*

Year Installed (h)	Type (l)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
											1
											2
											3
											4
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											34
											35
											36
TOTALS											37

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

HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
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* Horizontal or vertical. Also indicate type of runner -- Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
 4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
 5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (l)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
										1
										2
										3
										4
										5
										6
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										37
TOTALS										38
										39

COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(except nuclear stations)

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
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COMBUSTION ENGINE AND OTHER GENERATING STATIONS -- Continued
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
									1
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TOTALS									39

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Woburn/	Causeway Rd.	115 kV	Single Wood Poles	.4458 Miles	No	1.00	795 MCM ALL ALUM
2	Reading	Reading			2,354 feet			
3	211-503							
4								
5	Woburn/	Causeway Rd.	115 kV	Single Wood Poles	.4100 Miles	No	1.00	795 MCM ALL ALUM
6	Reading	Reading			2,165 feet			
7	211-504							
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47	TOTALS							

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

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	382.01	0.00	382.01
2	Added During Year	0.61		0.61
3	Retired During Year	0.00		0.00
4	Miles - End of Year	382.62	0.00	382.62
5				
6				
7				
8	Distribution System Characteristics - A.C. or D.C., or Phase and Operating Voltages for Light and Power.			
9				
10				
11	3 Phase 4 Wire 4160 GRDY / 2400			
12	4 Phase 4 Wire 13800 GRDY / 7970			
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.....	30,659	31,407	4,452	316,353
17	Additions during year:				
18	Purchased.....		152	36	1,613
19	Installed.....	112			
20	Associated with Utility Plant Acquired.....				
21	Total additions.....	112	152	36	1,613
22	Reduction During Year:				
23	Retirements.....	98	353	52	2,630
24	Associated with Utility Plant Sold.....				
25	Total Reductions.....	98	353	52	2,630
26	Number at End of Year.....	30,673	31,206	4,436	315,336
27	In Stock.....		533	0	0
28	Locked Meters on Customers' Premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....		30,673		
31	In Company's Use.....				
32	Number at End of Year.....		31,206	4,436	315,336

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

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

Line No.	Designation of Underground Distribution System (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						
2		156.25 miles	48.37 miles	13.8 kv		
3			.3 miles	34.5 kv		
4			103.59 miles	7.97 kv		
5			0.82 miles	2.4 kv		
6			1.4 miles	240 kv		
7			1.77 miles	4.16 kv		
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34	TOTALS					

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	TYPE							
			Incandescent		Mercury Vapor		Fluorescent / LED		High Press. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Reading	2,596	0	0	0	0	2,596	0	0	0
2	Lynnfield	826	0	0	0	0	826	0	0	0
3	North Reading	2,043	0	0	0	0	2,043	0	0	0
4	Wilmington	2,983	0	0	1	0	2,982	0	0	0
5										
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52	TOTALS	8,448	0	0	1	0	8,447	0	0	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 revenue predicted on the previous year's operations.

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues	
			Increases	Decrease
2022-02-01	294	RENEWABLE CHOICE SEE ATTACHED SCHEDULE		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

..... *Mayor.*

 Aug 16, 2023 *Manager of Electric Light*
 Gregory Phipps, General Manager

 Aug 17, 2023 *Selectmen*
Philip B Pacino (Aug 17, 2023 17:08 EDT)
 Philip B. Pacino, Chair

 Aug 17, 2023 *or*
David Talbot (Aug 17, 2023 20:39 EDT)
 David Talbot, Vice Chair

 Aug 18, 2023 *Members*
Robert Coulter (Aug 18, 2023 08:54 EDT)
 Robert Coulter

 Aug 18, 2023 *of the Municipal*
Marlena Bitá (Aug 18, 2023 09:13 EDT)
 Marlena Bitá

 Aug 18, 2023 *Light Board*
Pamela Daskalakis (Aug 18, 2023 16:19 GMT+3)
 Pamela Daskalakis

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

Middlesex ss 6/1/2023

Then personally appeared.....

.....

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.....

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*












DPU2022 Second Final 8.2023

Final Audit Report

2023-08-18


Created:	2023-08-16
By:	Erica Morse (emorse@rml.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAvtlIqfdQNpWCkoLyrC_MzdPmm5No46Fe

"DPU2022 Second Final 8.2023" History

-  Document created by Erica Morse (emorse@rml.com)
2023-08-16 - 3:19:02 PM GMT- IP address: 71.248.176.131
-  Document emailed to Greg Phipps (ghipps@rml.com) for signature
2023-08-16 - 3:21:43 PM GMT
-  Document e-signed by Greg Phipps (ghipps@rml.com)
Signature Date: 2023-08-16 - 3:23:49 PM GMT - Time Source: server- IP address: 71.248.176.131
-  Document emailed to Philip Pacino (philpacino@grmp.net) for signature
2023-08-16 - 3:23:52 PM GMT
-  Email viewed by Philip Pacino (philpacino@grmp.net)
2023-08-17 - 8:13:20 PM GMT- IP address: 107.77.225.187
-  Signer Philip Pacino (philpacino@grmp.net) entered name at signing as Philip B Pacino
2023-08-17 - 9:08:38 PM GMT- IP address: 173.14.186.90
-  Document e-signed by Philip B Pacino (philpacino@grmp.net)
Signature Date: 2023-08-17 - 9:08:40 PM GMT - Time Source: server- IP address: 173.14.186.90
-  Document emailed to talbot.david@gmail.com for signature
2023-08-17 - 9:08:44 PM GMT
-  Email viewed by talbot.david@gmail.com
2023-08-18 - 0:39:03 AM GMT- IP address: 173.48.240.102
-  Signer talbot.david@gmail.com entered name at signing as David Talbot
2023-08-18 - 0:39:37 AM GMT- IP address: 173.48.240.102
-  Document e-signed by David Talbot (talbot.david@gmail.com)
Signature Date: 2023-08-18 - 0:39:39 AM GMT - Time Source: server- IP address: 173.48.240.102

 Document emailed to fourcoulters@gmail.com for signature


2023-08-18 - 0:39:42 AM GMT

 Email viewed by fourcoulters@gmail.com


2023-08-18 - 12:53:08 PM GMT- IP address: 174.242.69.89

 Signer fourcoulters@gmail.com entered name at signing as Robert Coulter

2023-08-18 - 12:54:57 PM GMT- IP address: 174.242.69.89

 Document e-signed by Robert Coulter (fourcoulters@gmail.com)


Signature Date: 2023-08-18 - 12:54:59 PM GMT - Time Source: server- IP address: 174.242.69.89

 Document emailed to marlenamike@icloud.com for signature


2023-08-18 - 12:55:03 PM GMT

 Email viewed by marlenamike@icloud.com


2023-08-18 - 1:12:17 PM GMT- IP address: 73.68.6.55

 Signer marlenamike@icloud.com entered name at signing as Marlena Bitá


2023-08-18 - 1:13:08 PM GMT- IP address: 73.68.6.55

 Document e-signed by Marlena Bitá (marlenamike@icloud.com)

Signature Date: 2023-08-18 - 1:13:10 PM GMT - Time Source: server- IP address: 73.68.6.55

 Document emailed to pamdask@gmail.com for signature


2023-08-18 - 1:13:13 PM GMT

 Email viewed by pamdask@gmail.com

2023-08-18 - 1:18:38 PM GMT- IP address: 2.84.82.77

 Signer pamdask@gmail.com entered name at signing as Pamela Daskalakis

2023-08-18 - 1:19:29 PM GMT- IP address: 2.84.82.77

 Document e-signed by Pamela Daskalakis (pamdask@gmail.com)

Signature Date: 2023-08-18 - 1:19:31 PM GMT - Time Source: server- IP address: 2.84.82.77

 Agreement completed.

2023-08-18 - 1:19:31 PM GMT