

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

the Town of Marblehead

to the

Department of Public Utilities

of Massachusetts

For Year Ended December 31, 2024

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

Official title: **General Manager**

Office address **Joseph T. Kowalik**

P.O. Box 369

80 Commercial Street

Marblehead, MA 01945

TABLE OF CONTENTS

	Page
General Information	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

- | | | |
|-----|--|------------------------|
| 1. | Name of town (or city) making report. | Marblehead |
| 2. | If the town (or city) has acquired a plant:
Kind of plant, whether gas or electric.
Owner from whom purchased, if so acquired.
Date of votes to acquire a plant in accordance with the provisions of
chapter 164 of the General Laws.
Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No,
Date when town (or city) began to sell gas and electricity, | |
| 3. | Name and address of manager of municipal lighting:

Joseph T. Kowalik 80 Commercial Stree Marblehead, MA 01945 | |
| 4. | Name and address of mayor or selectmen:
M.C. Moses Grader Abbot Hall, 188 Wash Marblehead, MA 01945
Bret Murray Abbot Hall, 188 Wash Marblehead, MA 01945
Erin Noonan, Chair Abbot Hall, 188 Wash Marblehead, MA 01945
James Nye Abbot Hall, 188 Wash Marblehead, MA 01945
Alexa Singer Abbot Hall, 188 Wash Marblehead, MA 01945 | |
| 5. | Name and address of town (or city) treasurer:
Cami Iannarelli 7 Widger Road Marblehead, MA 01945 | |
| 6. | Name and address of town (or city) clerk:
Robin A. Michaud Abbot Hall, 188 Wash Marblehead, MA 01945 | |
| 7. | Names and addresses of members of municipal light board:

Michael A. Hull 80 Commercial Stree Marblehead, MA 01945
Simon Frechette 80 Commercial Stree Marblehead, MA 01945
Jean-Jacques Yarmoff 80 Commercial Stree Marblehead, MA 01945
Adam smith 80 Commercial Stree Marblehead, MA 01945
Lisa Wolf, Chair 80 Commercial Stree Marblehead, MA 01945 | |
| 8. | Total valuation of estates in town (or city) according to last State valuation (taxable) | \$9,324,720,913 |
| 9. | Tax rate for all purposes during the year:

<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 20px;"> Residential
 Open Space
 Commercial/Industrial/Personal Property </div> <div style="text-align: right;"> \$9.05
 \$0.00
 \$9.05 </div> </div> | |
| 10. | Amount of manager's salary: | \$200,486.00 |
| 11. | Amount of manager's bond: | \$0.00 |
| 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:			Amount
1	From sales of gas			
2	From sales of electricity			21,050,400.00
3	TOTAL			21,050,400.00
4				
5	EXPENSES			
6	For operation, maintenance and repairs			19,388,000.00
7	For interest on bonds, notes or scrip			
8	For depreciation fund	(3% on	43,412,445.00 as per page 8 B)	1,302,400.00
9	For sinking fund requirements			
10	For note payments			
11	For bond payments			
12	For loss in preceding year			
13	TOTAL			20,690,400.00
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			1,170,000.00
19	Of electricity to be used for street lights			60,000.00
20	Total of above items to be included in the tax levy			1,230,000.00
21				
22	New construction to be included in the tax levy			
23	Total amounts to be included in the tax levy			1,230,000.00
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	
NONE		Marblehead	10,285	

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, to be paid from **

*At meeting, to be paid from **

TOTAL	0.00
-------	------

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY

TO BE USED BY THE CITY OR TOWN FOR:

- | | | |
|----|---------------------|-----------|
| 1. | Street lights | 10,897.80 |
| 2. | Municipal buildings | 57,557.41 |
| 3. | | |

TOTAL	68,455.21
-------	-----------

* Date of meeting and whether regular or special	
1	1/1/2020 Regular
2	2/1/2020 Regular
3	3/1/2020 Regular
4	4/1/2020 Regular
5	5/1/2020 Regular
6	6/1/2020 Regular
7	7/1/2020 Regular
8	8/1/2020 Regular
9	9/1/2020 Regular
10	10/1/2020 Regular
11	11/1/2020 Regular
12	12/1/2020 Regular
13	1/1/2021 Regular
14	2/1/2021 Regular
15	3/1/2021 Regular
16	4/1/2021 Regular
17	5/1/2021 Regular
18	6/1/2021 Regular
19	7/1/2021 Regular
20	8/1/2021 Regular
21	9/1/2021 Regular
22	10/1/2021 Regular
23	11/1/2021 Regular
24	12/1/2021 Regular
25	1/1/2022 Regular
26	2/1/2022 Regular
27	3/1/2022 Regular
28	4/1/2022 Regular
29	5/1/2022 Regular
30	6/1/2022 Regular
31	7/1/2022 Regular
32	8/1/2022 Regular
33	9/1/2022 Regular
34	10/1/2022 Regular
35	11/1/2022 Regular
36	12/1/2022 Regular
37	1/1/2023 Regular
38	2/1/2023 Regular
39	3/1/2023 Regular
40	4/1/2023 Regular
41	5/1/2023 Regular
42	6/1/2023 Regular
43	7/1/2023 Regular
44	8/1/2023 Regular
45	9/1/2023 Regular
46	10/1/2023 Regular
47	11/1/2023 Regular
48	12/1/2023 Regular
49	1/1/2024 Regular
50	2/1/2024 Regular
51	3/1/2024 Regular
52	4/1/2024 Regular
53	5/1/2024 Regular
54	6/1/2024 Regular
55	7/1/2024 Regular
56	8/1/2024 Regular
57	9/1/2024 Regular
58	10/1/2024 Regular
59	11/1/2024 Regular
60	12/1/2024 Regular
61	1/1/2025 Regular
62	2/1/2025 Regular
63	3/1/2025 Regular
64	4/1/2025 Regular
65	5/1/2025 Regular
66	6/1/2025 Regular
67	7/1/2025 Regular
68	8/1/2025 Regular
69	9/1/2025 Regular
70	10/1/2025 Regular
71	11/1/2025 Regular
72	12/1/2025 Regular
73	1/1/2026 Regular
74	2/1/2026 Regular
75	3/1/2026 Regular
76	4/1/2026 Regular
77	5/1/2026 Regular
78	6/1/2026 Regular
79	7/1/2026 Regular
80	8/1/2026 Regular
81	9/1/2026 Regular
82	10/1/2026 Regular
83	11/1/2026 Regular
84	12/1/2026 Regular
85	1/1/2027 Regular
86	2/1/2027 Regular
87	3/1/2027 Regular
88	4/1/2027 Regular
89	5/1/2027 Regular
90	6/1/2027 Regular
91	7/1/2027 Regular
92	8/1/2027 Regular
93	9/1/2027 Regular
94	10/1/2027 Regular
95	11/1/2027 Regular
96	12/1/2027 Regular
97	1/1/2028 Regular
98	2/1/2028 Regular
99	3/1/2028 Regular
100	4/1/2028 Regular
101	5/1/2028 Regular
102	6/1/2028 Regular
103	7/1/2028 Regular
104	8/1/2028 Regular
105	9/1/2028 Regular
106	10/1/2028 Regular
107	11/1/2028 Regular
108	12/1/2028 Regular
109	1/1/2029 Regular
110	2/1/2029 Regular
111	3/1/2029 Regular
112	4/1/2029 Regular
113	5/1/2029 Regular
114	6/1/2029 Regular
115	7/1/2029 Regular
116	8/1/2029 Regular
117	9/1/2029 Regular
118	10/1/2029 Regular
119	11/1/2029 Regular
120	12/1/2029 Regular
121	1/1/2030 Regular
122	2/1/2030 Regular
123	3/1/2030 Regular
124	4/1/2030 Regular
125	5/1/2030 Regular
126	6/1/2030 Regular
127	7/1/2030 Regular
128	8/1/2030 Regular
129	9/1/2030 Regular
130	10/1/2030 Regular
131	11/1/2030 Regular
132	12/1/2030 Regular
133	1/1/2031 Regular
13	

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

—

—

—

—

—

In gas property:

Not applicable

		TOTAL COST OF PLANT - ELECTRIC					
		1. Report below the cost of utility plant in service according to prescribed accounts	preceding year. Such items should be included in column (c) or (d) as appropriate.	effect of such amounts.			
		2. Do not include as adjustments, corrections of additions and retirements for the current or the	3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative	4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant - Trans	2,327,602.99					2,327,602.99
3							
4		2,327,602.99	0.00	0.00	0.00	0.00	2,327,602.99
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	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00

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	0.00	0.00	0.00	0.00	0.00	0.00
10	D. Other Production Plant						
11	340 Land and Land Rights	10,696.49					10,696.49
12	341 Structures and Improvements	312,769.33					312,769.33
13	342 Fuel Holders, Producers and Accessories	62,164.53					62,164.53
14	343 Prime Movers	1,573,697.79					1,573,697.79
15	344 Generators	668,569.10					668,569.10
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	2,627,897.24	0.00	0.00	0.00	0.00	2,627,897.24
19	Total Production Plant	2,627,897.24	0.00	0.00	0.00	0.00	2,627,897.24
20	3. Transmission Plant						
21	350 Land and Land Rights	40,900.00					40,900.00
22	351 Clearing Land and Rights of Way	1,851.50					1,851.50
23	352 Structures and Improvements	42,849.54					42,849.54
24	353 Station Equipment	35,999.02					35,999.02
25	354 Towers and Fixtures	240.78					240.78
26	355 Poles and Fixtures	55,174.33					55,174.33
27	356 Overhead Conductors and Devices	425,570.20					425,570.20
28	357 Underground Conduit	842,113.32					842,113.32
29	358 Underground Conductors and Devices	290,170.78					290,170.78
30	359 Roads and Trails						
31	Total Transmission Plant	1,734,869.47	0.00	0.00	0.00	0.00	1,734,869.47

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	500.00					500.00
3	361 Structures and Improvements	1,058,690.30	160,507.91				1,219,198.21
4	362 Station Equipment	5,508,388.08					5,508,388.08
5	363 Storage Battery Equipment	86,795.50					86,795.50
6	364 Poles Towers and Fixtures	2,618,021.27	76,785.87	7,374.71			2,687,432.43
7	365 Overhead Conductors and Devices	4,114,765.16	201,067.44	33,876.97			4,281,955.63
8	366 Underground Conduit	2,436,060.85	21,682.24				2,457,743.09
9	367 Underground Conductors and Devices	2,600,941.51	22,189.35				2,623,130.86
10	368 Line Transformers	1,899,565.87	103,948.86	10,494.84			1,993,019.89
11	369 Services	876,460.01	82,736.99	26,293.80			932,903.20
12	370 Meters	2,979,428.30	30,897.54	37,087.14			2,973,238.70
13	371 Installations on Customer's Premises	78,203.70					78,203.70
14	372 Leased Prop on Customer's Premises						
15	373 Streetlight and Signal Systems						
16	Total Distribution Plant	419,984.24	22,565.63	2,303.00			440,246.87
17		24,677,804.79	722,381.83	117,430.46	0.00	0.00	25,282,756.16
18	5. GENERAL PLANT						
19	389 Land and Land Rights						
20	390 Structures and Improvements	9,246,283.73	3,588.64				9,249,872.37
21	391 Office Furniture and Equipment	761,946.20					761,946.20
22	392 Transportation Equipment	1,239,403.12					1,239,403.12
23	393 Stores Equipment						
24	394 Tools, Shop and Garage Equipment						
25	395 Laboratory Equipment						
26	396 Power Operated Equipment						
27	397 Communication Equipment	188,770.09	7,291.54				196,061.63
28	398 Miscellaneous Equipment	45,984.39					45,984.39
29	399 Other Tangible Property						
29	Total General Plant	11,482,387.53	10,880.18	0.00	0.00	0.00	11,493,267.71
30	Total Electric Plant in Service	42,850,562.02	733,262.01	117,430.46	0.00	0.00	43,466,393.57
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.							

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 NOTE ONLY PAGE

Note

- 1

Profit Rate 2022:

7.1516%
- Net Profit (page 12 Col F Line 47) divided by Total Cost of Electric Plant in Service (page 8B Col J Line 106)

3,108,548.6843,466,393.57
- 2

Estimated Maximum Profit Allowed for 2023:

3,477,311.49

Total Cost of Electric Plant in Service (page 8 Col J Line 106) X Eight Per Cent
- 3

Depreciation for 2023 at 3 Per Cent:

1,302,373.37

Total Cost of Electric Plant in Service Less Cost of Land and Land Rights-Of -Way (page 8 Col J Line 109) X Three Per Cent

Quarterly Transfer for Depreciation

325,593.34

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	19,368,448.66	19,724,219.55	355,770.89
3	101	Utility Plant - Gas (P. 20)			
4					
5		Total Utility Plant	19,368,448.66	19,724,219.55	355,770.89
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			
13	126	Depreciation Fund (P. 14)	7,107,472.56	7,095,396.38	(12,076.18)
14	128	Other Special Funds	2,525,272.76	4,189,300.81	1,664,028.05
15		Total Funds	9,632,745.32	11,284,697.19	1,651,951.87
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	7,639,096.01	8,158,091.19	518,995.18
18	132	Special Deposits	230,280.50	245,280.50	15,000.00
19	135	Working Funds	500.00	500.00	0.00
20	141	Notes Receivable			
21	142	Customer Accounts Receivable	2,216,367.19	2,176,014.70	(40,352.49)
22	143	Other Accounts Receivable	1,165,344.11	1,246,608.94	
23	146	Receivables from Municipality	204,271.12	195,419.40	(8,851.72)
24	151	Materials and Supplies (P. 14)	258,755.83	266,947.14	8,191.31
25	171	Interest & Dividend Receivable	0.00	0.00	0.00
26	165	Prepayments	2,545,729.46	2,522,502.98	(23,226.48)
27	174	Miscellaneous Current Assets			
28		Total Current and Accrued Assets	14,260,344.22	14,811,364.85	469,755.80
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits			-
33	186	Other - Deferred Outflows Pensions	1,786,254.00	1,796,639.00	10,385.00
34	186	Other - Deferred Outflows OPEB	740,248.00	558,102.00	(182,146.00)
35		Total Deferred Debits	2,526,502.00	2,354,741.00	(171,761.00)
36					
37		Total Assets and Other Debits	45,788,040.20	48,175,022.59	2,386,982.39

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	NONE	NONE	NONE
3		SURPLUS			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment			
6	207	Appropriations for Construction Repayments			
7	208	Unappropriated Earned Surplus (P. 12)	21,529,211.46	23,658,099.14	2,128,887.68
8	229	Reserve for Rate Stabilization	2,457,919.88	3,341,482.74	
9	229-1	MMWEC Reserve Trust	534,458.82	558,265.37	
10		Total Surplus	24,521,590.16	27,557,847.25	3,036,257.09
11		LONG TERM DEBT			
12	221	Bonds (P. 6)	3,701,507.24	3,388,957.96	(312,549.28)
13	231	Notes Payable (P. 7)			
14		Total Bonds and Notes	3,701,507.24	3,388,957.96	NONE
15		CURRENT AND ACCRUED LIABILITIES			
16	232	Accounts Payable	1,742,528.05	1,967,954.36	225,426.31
17	232	Pension Liability	7,297,423.00	7,079,400.00	
18	265	OPEB Liability	3,404,681.00	3,340,487.00	
19	234	Payables to Municipality (Water)			
20	235	Customers' Deposits	227,080.50	240,180.50	13,100.00
21	236	Taxes Accrued			
22	237	Interest Accrued			
23	242	Miscellaneous Current and Accrued Liabilities			
24		Total Current and Accrued Liabilities	12,671,712.55	12,628,021.86	(43,690.69)
25		DEFERRED CREDITS			
26	251	Unamortized Premium on Debt			
27	232	Other - Deferred Inflow Pensions	292,372.00	388,056.00	95,684.00
28	232	Other - Deferred Inflow OPEB	3,838,702.00	3,366,947.00	(471,755.00)
29		Total Deferred Credits	4,131,074.00	3,755,003.00	(376,071.00)
30		RESERVES			
31	260	Reserves for Uncollectible Accounts	438,309.11	517,828.66	79,519.55
32	261	Property Insurance Reserve			
33	262	Injuries and Damages Reserves			
34	263	Pensions and Benefits Reserves	110,344.49	126,781.77	16,437.28
35	265	Miscellaneous Operating Reserves	0.00	0.00	0.00
36		Total Reserves	548,653.60	644,610.43	95,956.83
37		CONTRIBUTIONS IN AID OF			
38		CONSTRUCTION			
39	271	Contributions in Aid of Construction	213,502.65	200,582.09	(12,920.56)
		Total Liabilities and Other Credits	45,788,040.20	48,175,022.59	2,386,982.39

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.

45,788,040

Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	21,519,213.73	51,954.79
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	15,115,767.57	(357,871.15)
5	402 Maintenance Expense	1,965,348.33	238,548.61
6	403 Depreciation Expense	2,126,907.44	31,691.44
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)		
10	Total Operating Expenses	19,208,023.34	(87,631.10)
11	Operating Income	2,311,190.39	139,585.89
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	2,311,190.39	139,585.89
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	-	-
17	419 Interest Income	912,568.36	465,625.49
18	421 Miscellaneous Nonoperating Income (P. 21)		
19	Total Other Income	912,568.36	465,625.49
20	Total Income	3,223,758.75	605,211.38
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions	-	(50,000.00)
24	Total Income Deductions	-	(50,000.00)
25	Income Before Interest Charges	3,223,758.75	655,211.38
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	115,210.07	(9,942.24)
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense		
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	115,210.07	(9,942.24)
33	NET INCOME	3,108,548.68	665,153.62
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		21,529,211.46
35			
36			
37	433 Balance Transferred from Income		3,108,548.68
38	434 Miscellaneous Credits to Surplus (P. 21)		0.00
39	435 Miscellaneous Debits to Surplus (P. 21)	649,661.00	
40	436 Appropriations of Surplus (P. 21)	330,000.00	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at enc	23,658,099.14	
43			
44	TOTALS	24,637,760.14	24,637,760.14

Line No.	Items (a)	Amount (b)
1	Operation Fund	8,158,091.19
2	Interest Fund	
3	Bond Fund	
4	Construction Fund- Balance Transferred to Depreciation	-
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	8,158,091.19

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)	22,220.97	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	244,726.17	
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	266,947.14	

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	7,107,472.56
26	Income during year from balance on deposit (interest)	345,696.13
27	Amount transferred from income (depreciation)	2,139,828.00
28	Y/E Transfer From Operating Cash	
29	Transfer from closed Construction Account	-
30		-
31	TOTAL	9,592,996.69
32	CREDITS	
33	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	
34	Amounts expended for renewals:-	2,100,412.75
35	Capital Labor	348,494.21
36	Adjustment: Accounts Payable 12/31/2023 (Paid in 2024)	48,693.35
37		
38		
39		
40		
41	Balance on hand at end of year	7,095,396.38
42	TOTAL	9,592,996.69

UTILITY PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to prescribed accounts
2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c).
- 3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant Transmission						
3							
4		-	0.00	-	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00

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	0.00	0.00	0.00	0.00	0.00	0.00
10	D. Other Production Plant						
11	340 Land and Land Rights	10,696.49					10,696.49
12	341 Structures and Improvements	0.00					0.00
13	342 Fuel Holders, Producers and Accessories	0.00					0.00
14	343 Prime Movers	926,270.08		78,684.89			847,585.19
15	344 Generators	0.00					0.00
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	936,966.57	0.00	78,684.89	0.00	0.00	858,281.68
19	Total Production Plant	936,966.57	0.00	78,684.89	0.00	0.00	858,281.68
20	3. Transmission Plant						
21	350 Land and Land Rights	40,900.00					40,900.00
22	351 Clearing Land and Rights of Way	1,851.50					1,851.50
23	352 Structures and Improvements	0.00					-
24	353 Station Equipment	0.00					0.00
25	354 Towers and Fixtures	0.00					-
26	355 Poles and Fixtures	0.00					0.00
27	356 Overhead Conductors and Devices	-					-
28	357 Underground Conduit	(0.00)					(0.00)
29	358 Underground Conductors and Devices	(0.00)					(0.00)
30	359 Roads and Trails						
31	Total Transmission Plant	42,751.50	0.00	-	0.00	0.00	42,751.50

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	500.00					500.00
3	361 Structures and Improvements	224,500.16	160,507.91	52,934.52			332,073.55
4	362 Station Equipment	485,942.06		275,419.40			210,522.66
5	363 Storage Battery Equipment	34,693.55		4,339.78			30,353.77
6	364 Poles Towers and Fixtures	88,788.85	76,785.87	130,901.06			34,673.66
7	365 Overhead Conductors and Devices	1,951,022.38	201,067.44	205,738.26			1,946,351.56
8	366 Underground Conduit	20,536.30	21,682.24	42,218.54			(0.00)
9	367 Underground Conductors and Devices	119,690.65	22,189.35	130,047.08			11,832.92
10	368 Line Transformers	840,686.05	103,948.86	94,978.29			849,656.62
11	369 Services	434,023.81	82,736.99	43,823.00			472,937.80
12	370 Meters	1,864,441.63	30,897.54	148,971.42			1,746,367.75
13	371 Installations on Customer's Premises	-					-
14	372 Leased Prop on Customer's Premises						
15	373 Streetlight and Signal Systems						
16	Total Distribution Plant	383,570.85	22,565.63	20,999.21	0.00	0.00	385,137.27
17	5. GENERAL PLANT	6,448,396.29	722,381.83	1,150,370.56			6,020,407.56
18	389 Land and Land Rights						
19	390 Structures and Improvements	6,936,598.50	3,588.64	774,942.26			6,165,244.88
20	391 Office Furniture and Equipment	0.00					0.00
21	392 Transportation Equipment	190,789.55		123,940.31			66,849.24
22	393 Stores Equipment						
23	394 Tools, Shop and Garage Equipment						
24	395 Laboratory Equipment						
25	396 Power Operated Equipment						
26	397 Communication Equipment	0.00	7,291.54	7,291.54			0.00
27	398 Miscellaneous Equipment	36,551.55		4,598.44			31,953.11
28	399 Other Tangible Property						
29	Total General Plant	7,163,939.60	10,880.18	910,772.55	0.00	0.00	6,264,047.23
30	Total Electric Plant in Service	14,592,053.96	733,262.01	2,139,828.00	0.00	0.00	13,185,487.97
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	4,776,394.70	1,762,336.88		0.00	-	6,538,731.58
34	Total Utility Plant Electric	19,368,448.66	2,495,598.89	2,139,828.00	0.00	0.00	19,724,219.55

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	31,350.65	7,328.00		
2	Received During Year	13,323.50	5,000.00		
3	TOTAL	44,674.15	12,328.00		
4	Used During Year (Note A)				
5	For Heating	0.00	0.00		
6	For Generation	22,453.18	7,134.00		
7					
8					
9					
10					
11	Sold or Transferred				
12	TOTAL DISPOSED OF	22,453.18	7,134.00		
13	BALANCE END OF YEAR	22,220.97	5,194.00		
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.

MISCELLANEOUS NONOPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	0.00

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0.00

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0.00

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24		
25	Auditor OPEB Adjustment for 2023 to adjust to calendar from FY Report	649,661.00
26		
27		
28		
29		
30		
31		
32	TOTAL	649,661.00

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33		
34	March 26, 2024: Commission voted In Lieu of Tax Payment -Town of Marblehead	330,000.00
35		
36		
37		
38		
39		
40	TOTAL	330,000.00

ok

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

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)
1		Not Applicable			
2					
3					
4		TOTALS			
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)
5					
6	444	Municipal	314,010	57,557.41	0.1833
7					
8					
9		Street Lighting	54,489	10,897.80	0.2000
10					
11					
12		TOTALS	368,499	68,455.21	0.1858
13					
14					
15					
16					
17					
18		TOTALS	0	0.00	
19		TOTALS	368,499	68,455.21	0.1858

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20	See Pages 54 & 55				
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	0	0.00	

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30	See Pages 52 & 53				
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS	0	0.00	

Next page is 37

Annual Report of the Town of Marblehead									
ELECTRIC OPERATING REVENUES (Account 400)									
amount of operating revenue for the ibed account and the amount of increase or receding year. decreases are not derived from previously lain any inconsistencies. ners should be reported on the basis of of late rate accounts except where separate					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				
Operating Revenues					Kilowatt-hours Sold			Average Number of Customers per Month	
Account (a)	Amount for Year (b)	Previous Year	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Previous Year	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Previous Year	Increase or (Decrease) from Preceding Year (g)
SALES OF ELECTRICITY									
Miscellaneous Electric Sales	0.00	0.00	0.00	0 0	0	0	0	0	0
Residential Sales	15,463,437.76	15,545,170.70	(81,732.94)	71,922,147	70,017,268	1,904,879	8,940	8,906	34
Storage Heat	12,055.77	12,405.15	(349.38)	61,663	61,154	509	10	10	0
Small Commercial B Sales	2,311,221.57	2,375,620.38	(64,398.81)	10,254,483	10,074,698	179,785	1,167	1,185	(18)
Large Commercial C Sales	2,143,393.40	2,141,414.03	1,979.37	10,940,793	10,454,766	486,027	43	46	(3)
Municipal Sales	57,557.41	1,158,285.05	(1,100,727.64)	314,010	5,571,878	(5,257,868)	1	86	(85)
Private Area Lights	25,783.94	27,444.51	(1,660.57)	138,408	137,585	823	86	83	3
Hot Water	35,977.86	39,988.03	(4,010.17)	182,456	196,147	(13,691)	78	84	(6)
Off Peak	1,164,313.84	172.54	1,164,141.30	5,942,938	524	5,942,414	85	1	84
Street Lighting	10,897.80	52,472.39	(41,574.59)	54,489	314,010	(259,521)	3	1	2
EV Charging	-	6,326.06	(6,326.06)	-	31,630	(31,630)	3	3	0
Total Sales to Ultimate Consumers	21,224,639.35	21,359,298.84	(134,659.49)	99,811,387	96,859,660	2,951,727.00	10,416	10,405	11
Sales for Resale	0.00	0.00	0.00	0	0	0	1	0	0
Total Sales of Electricity	21,224,639.35	21,359,298.84	(134,659.49)	99,811,387	96,859,660	2,951,727	10,417	10,406	11
OTHER OPERATING REVENUES									
Provision For Rate Stabilization	0.00	0.00	0.00						
Miscellaneous Service Revenues	133,110.33	107,960.10	25,150.23						
CZM Grant	161,464.05								
Sales of Water and Water Power									
Rent from Electric Property									
Interdepartmental Rents									
APPA Grants	-	-	-						
EV Charging Grant	-	-	-						
Total Other Operating Revenues	294,574.38	107,960.10	25,150.23						
Total Electric Operating Revenue	21,519,213.73	21,467,258.94	(109,509.26)						
					* Includes revenues from application of fuel clauses \$				
					Total KWH to which applied				
					5,274,704.72				
					99,756,898				

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)	
						Jun 30 (e)	Dec 31 (f)
1	4	Residential	71,922,147	15,463,437.76	0.2150	8,942	8,937
2	13	Storage Heat	61,663	12,055.77	0.1955	10	9
3	5	Commercial	10,254,483	2,311,221.57	0.2254	1,166	1,167
4	6	Industrial	10,940,793	2,143,393.40	0.1959	43	43
5	9	Private Area St Lighting	138,408	25,783.94	0.1863	86	86
6	10	Hot Water	182,456	35,977.86	0.1972	79	76
7	M	Municipal	5,942,938	1,164,313.84	0.1959	88	82
8	SL	Street Lighting	314,010	57,557.41	0.1833	1	1
9	EV	EV Charging	54,489	10,897.80	0.2000	3	3
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			99,811,387	21,224,639.35	0.2126	10,418	10,404

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year

2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering		
5	501 Fuel		
6	502 Steam Expenses		
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	0.00	0.00
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	0.00	0.00
20	Total power production expenses -steam power	0.00	0.00
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering		
24	518 Fuel		
25	519 Coolants and water		
26	520 Steam Expenses		
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	0.00	0.00
33	Maintenance:		
34	528 Maintenance supervision and engineering		
35	529 Maintenance of Structures		
36	530 Maintenance of reactor plant		
37	531 Maintenance of electric plant		
38	532 Maintenance of miscellaneous nuclear plant		
39	Total Maintenance	0.00	0.00
40	Total power production expenses -nuclear power	0.00	0.00
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	0.00	0.00

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 or reservoirs, dams and waterways		
6	544 Maintenance of electric plant		
7	545 Maintenance of miscellaneous hydraulic plant		
8	Total maintenance	NONE	NONE
9	Total power production expenses - hydraulic power	NONE	NONE
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		
13	547 Fuel	22,495.08	1,018.52
14	548 Generation Expenses	3,794.35	1,917.10
15	549 Miscellaneous other power generation expense	14,663.55	10,759.32
16	550 Rents		
17	Total Operation	40,952.98	13,694.94
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of generating and electric plant		
22	554 Maintenance of miscellaneous other power generation	107,325.50	(12,916.97)
23	Total Maintenance	107,325.50	(12,916.97)
24	Total power production expenses - other power	148,278.48	777.97
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	9,405,889.23	(1,080,816.61)
27	556 System control and load dispatching		
28	557 Other expenses	3,099,922.55	483,906.11
29	Total other power supply expenses	12,505,811.78	(596,910.50)
30	Total power production expenses	12,654,090.26	(596,132.53)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching		
35	562 Station expenses		
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others		
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	NONE	NONE
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	0.00	0.00
47	572 Maintenance of underground lines		
48	573 Maintenance of miscellaneous transmission plant		
49	Total maintenance	0.00	0.00
50	Total transmission expenses	0.00	0.00

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	576 Information Technology	73,630.51	
4	580 Operation supervision and engineering		
5	581 Load dispatching (Operation Labor)		
6	582 Station expenses	90,385.42	(3,807.85)
7	583 Overhead line expenses		
8	584 Underground line expenses		
9	585 Street lighting and signal system expenses	19,041.74	5,463.13
10	586 Meter expenses	108,078.61	4,848.93
11	587 Customer installations expenses	51,815.55	3,803.10
12	588 Miscellaneous distribution expenses	143,920.68	(15,153.63)
13	589 Rents		
14	Total operation	486,872.51	(4,846.32)
15	Maintenance:		
16	590 Maintenance supervision and engineering		
17	591 Maintenance of structures	135,314.14	126,324.14
18	592 Maintenance of station equipment	72,466.76	(11,206.12)
19	593 Maintenance of overhead lines	1,358,341.72	150,808.87
20	594 Maintenance of underground lines	121,277.86	(18,586.20)
21	595 Maintenance of line transformers	-	(4,303.27)
22	596 Maintenance of street lighting and signal syst		
23	597 Maintenance of meters	54,366.77	13,607.48
24	598 Maintenance of miscellaneous distribution plant		
25	Total maintenance	1,741,767.25	256,644.90
26	Total distribution expenses	2,228,639.76	251,798.58
27	CUSTOMER ACCOUNTS EXPENSES		
28	Operation:		
29	901 Supervision	146,687.86	8,033.10
30	902 Meter reading expenses	51,815.44	3,803.16
31	903 Customer records and collection expenses	134,065.56	10,024.31
32	904 Uncollectible accounts	115,862.87	(9,021.77)
33	905 Miscellaneous customer accounts expenses	11,195.59	5,268.26
34	Total customer accounts expenses	459,627.32	18,107.06
35	SALES EXPENSES		
36	Operation:		
37	911 Supervision		
38	912 Demonstrating and selling expenses		
39	913 Advertising expenses	232,059.44	67,775.18
40	913 Energy Rebates	125,209.87	40,727.98
41	916 Miscellaneous sales expenses		
42	Total sales expenses	357,269.31	108,503.16
43	ADMINISTRATIVE AND GENERAL EXPENSES		
44	Operation:		
45	920 Administrative and general salaries	218,538.67	1,843.34
46	921 Office supplies and expenses	322,284.92	10,111.77
47	922 Administrative expenses transferred - Cr		
48	923 Outside services employed	340,176.34	134,076.83
49	924 Property insurance	39,987.86	(181.52)
50	925 Injuries and damages	1,234.00	744.00
51	926 Employee pensions and benefits	285,751.42	(116,144.42)
52	928 Regulatory commission expenses		
53	929 Store Expense		
54	930 Miscellaneous general expenses	55,115.46	876.15
55	931 Rents	2,145.00	(1,376.15)
56	Total operation	1,265,233.67	29,950.00

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.		
2	Maintenance:		
3	932 Maintenance of general plant	76,992.16	32,263.33
4	933 Transportation	39,263.42	(37,442.65)
5	Total Maintenance	116,255.58	(5,179.32)
6	Total Administrative and General Expenses	1,381,489.25	24,770.68
7	Total Electric Operation and Maintenance Expense	17,081,115.90	(192,953.05)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
8	Power Production Expenses			
9	Electric Generation:			
10	Steam Power:			
11	Nuclear Power			
12	Hydraulic Power			
13	Other Power	40,952.98	107,325.50	148,278.48
14	Other Power Supply Expenses	12,505,811.78		12,505,811.78
15	Total Power Production Expenses	12,546,764.76	107,325.50	12,654,090.26
16	Transmission Expenses		0.00	0.00
17	Distribution Expenses	486,872.51	1,741,767.25	2,228,639.76
18	Customer Accounts Expenses	459,627.32		459,627.32
19	Sales Expenses	357,269.31		357,269.31
20	Administrative and General Expenses	1,265,233.67	116,255.58	1,381,489.25
21	Power Production Expenses	2,569,002.81	1,858,022.83	4,427,025.64
22	Total Electric Operation & Maint	15,115,767.57	1,965,348.33	17,081,115.90

- 23 Ratio of operating expenses to operating revenues 89.26%
(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 22 (d), Depreciation (Acct 403)
and Amortization (Acct 407)
- 24 Total salaries and wages of electric department for year, including
amounts charged to operating expenses, construction and other
accounts. 2,515,993.08
- 25 Total number of employees of electric department at end of year 19
including administrative, operating, maintenance, construction and
other employees (including part-time employees)

TAXES CHARGED DURING THE YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts
3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.

6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1	Massachusetts Sales Tax	183,832.53	241000						
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS	183,832.53							

ok

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	N/A				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

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

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

Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:	N/A			
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0.00	0.00	0.00	0.00
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials				
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	0.00	0.00	0.00	0.00
51	Net Profit (or loss)	0.00	0.00	0.00	0.00

SALES FOR RESALE (Account 447) - Continued																
5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated). 6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers. 7. Explain any amounts entered in column (n) such as fuel or other adjustments. 8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.																
Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
						Contract Demand (f)	Avg mo. Maximum Demand (g)			Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
1	NONE									0	0.00			0.00	N/A	1
2																2
3																3
4																4
5																5
6																6
7																7
8																8
9																9
10																10
11																11
12																12
13																13
14																14
15																15
16																16
17																17
18																18
19																19
20																20
21																21
22																22
23																23
24																24
25																25
26																26
27																27
28																28
29																29
30																30
31																31
32																32
33																33
34																34
35																35
36																36
TOTALS:										0	0.00	0.00		0.00		

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 point, such sales may be grouped).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers, integrated).

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

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

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

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

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

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

2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (d) 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 purchases classified as Other Power, column (b).

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

4. If receipt of power is at a substation indicate ownership in column (c), 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.

Line No.	Purchased From MMWEC: (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand			Type of Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)			Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n) **	Total (o)		
1	New York Power Authority	FP	X	TOWN LINE		1,253			60 MINUTES		8,622,633	62,573.68	42,426.74	70,508.70	175,509.12	\$0.0204	1
2	Stonybrook Peaking	O		TOWN LINE		2,760			60 MINUTES		105,721	79,237.66	30,001.38	4,621.91	113,860.95	\$1.0770	2
3	Stonybrook Intermediate	O		TOWN LINE		9,231			60 MINUTES		1,103,061	391,618.05	68,013.58	17,199.08	476,830.71	\$0.4323	3
4	Nuclear Mix 1 (Seabrook)	O	X	TOWN LINE		76			60 MINUTES		589,380	16,764.37	2,749.83	53.59	19,567.79	\$0.0332	4
5	Nuclear Mix 1 (Millstone)	O	X	TOWN LINE		740			60 MINUTES		6,066,767	211,007.80	38,991.12	8,253.13	258,252.05	\$0.0426	5
6	Nuclear Project 3 (Millstone)	O	X	TOWN LINE		1,165			60 MINUTES		9,550,481	330,544.86	61,380.96	12,992.22	404,918.04	\$0.0424	6
7	Nuclear Project 4 (Seabrook)	O	X	TOWN LINE		1,435			60 MINUTES		11,110,672	311,168.27	51,838.33	1,010.42	364,017.02	\$0.0328	7
8	Nuclear Project 5 (Seabrook)	O	X	TOWN LINE		177			60 MINUTES		1,369,857	39,294.96	6,391.24	124.59	45,810.79	\$0.0334	8
9	Northeast Reliability	O	X	TOWN LINE		2,656			60 MINUTES		766,008	391,924.57	29,961.25	0.00	421,885.82	N/A	9
10	Msgr. Cotton solar Project	O	X	TOWN LINE		750			60 MINUTES		1,226,591	151,526.06	0.00	178.28	151,704.34	N/A	10
11	Hydro Quebec	O	X	TOWN LINE							0	0.00	0.00	40,733.80	40,733.80	N/A	11
12	ISO OATT			TOWN LINE							0	0.00	0.00	2,952,122.15	2,952,122.15	N/A	12
13	System Power	FP		TOWN LINE							36,878,838	209,250.00	2,540,497.39	0.00	2,749,747.39	\$0.0746	13
14	Berkshire Wind	O		TOWN LINE					60 MINUTES		953,263	602,376.00	0.00	0.00	602,376.00	\$0.6319	14
15	Eagle Creek	O		TOWN LINE		600			60 MINUTES		1,796,817	0.00	111,402.59	704.07	112,106.66	\$0.0624	15
16	Hancock Wind	O		TOWN LINE		951			60 MINUTES		2,186,439	0.00	117,638.16	51.18	117,689.34	\$0.0538	16
17	Berkshire Wind Coop PHII	O		TOWN LINE					60 MINUTES		1,738,736	252,384.00	0.00	0.00	252,384.00	\$0.1452	17
18	Hydro Quebec Flow Rights	O	X								0	(33,694.34)	0.00	(69,861.24)	(103,555.58)	N/A	18
										TOTALS:	84,065,264	3,015,975.94	3,101,292.57	3,038,691.88	9,155,960.39		

** Includes transmission and administrative charges.

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									
A. Summary of Interchange According to Companies and Points of Interchange									
Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours		Amount of Settlement (h)		
					Received (e)	Delivered (f)			
1	NEPEX				239,508,393	216,792,655	2,261,304		
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13	TOTALS				239,508,393	216,792,655	2,261,304		
B. Details of Settlement for Interchange Power									
Line No.	Name of Company (i)	Explanation (j)				Amount (k)			
14	NEPEX	INTERCHANGE EXPENSE				1,987,025			
15		NEPOOL EXPENSE				274,278			
16									
17									
18									
19									
20									
21		TOTAL				2,261,303			

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)		Kilowatt-hours (b)
1	SOURCES OF ENERGY		
2	Generation		
3	Steam		
4	Nuclear		
5	Hydro		
6	Other - Diesel		95,200
7	Total Generation		95,200
8	Purchases		84,065,264
9	(In (gross)	239,508,393	
10	Interchanges < Out (gross)	216,792,655	
11	(Net (Kwh)		22,715,738
12	(Received		
13	Transmission for/by others (wheeling) < Delivered		
14	(Net (Kwh)		
15	TOTAL		106,876,202
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		99,811,387
18	Sales for resale		
19	Energy furnished without charge		
20	Energy used by the company (excluding station use):		
21	Electric department only		565,734
22	Energy losses		
23	Transmission and conversion losses		
24	Distribution losses	6,499,081	
25	Unaccounted for losses		
26	Total energy losses		6,499,081
27	Energy losses as percent of total on line 15	6.08%	
28	TOTAL		106,876,202

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.

MARBLEHEAD

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	17,559	Sunday	21	19	60 min	9,917,550
30	February	20,781	Wednesday	14	19	60 min	8,457,336
31	March	16,452	Tuesday	26	19	60 min	8,400,798
32	April	13,887	Thursday	4	19	60 min	7,360,056
33	May	14,364	Tuesday	28	19	60 min	7,568,865
34	June	19,089	Thursday	20	17	60 min	9,656,619
35	July	26,636	Tuesday	16	15	60 min	11,960,772
36	August	21,672	Thursday	1	18	60 min	10,349,993
37	September	25,614	Sunday	1	18	60 min	7,822,710
38	October	14,886	Monday	28	19	60 min	7,445,403
39	November	17,028	Thursday	28	13	60 min	7,883,388
40	December	18,234	Sunday	22	18	60 min	10,052,712
41						TOTAL	106,876,202

GENERATING STATIONS**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 term basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M ct. 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	Int. Comb.		
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	Conventional		
3	Year originally constructed	1975		
4	Year last unit was installed	1975		
5	Total installed capacity (maximum generator name plate ratings in kw)	5,500		
6	Net peak demand on plant-kilowatts (60 min.)	5,100		
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	1		
12	Net generation, exclusive of station use	95,200		
13	Cost of plant (omit cents):			
14	Land and land rights	10,696.49		
15	Structures and improvements	312,769.33		
16	Reservoirs, dams, and waterways			
17	Equipment costs	2,304,431.42		
18	Roads, railroad tracks, and bridges			
19	Total cost	2,627,897.24	-	
20	Cost per kw of installed capacity	515.27		
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor	107,325.50	-	
24	Fuel	22,495.08		
25	Supplies and expenses, including water	18,457.90		
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred - Credit			
30	Total Production expenses	148,278.48	-	
31	Expenses per net Kwh (5 places)	1.55755		
32	Fuel: Kind	No 2 Fuel Oil		
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. Ft.) (Nuclear, indicate)	Barrels		
34	Quantity (units) of fuel consumed	178		
35	Average heat content of fuel (B.t.u. per lb. Of coal, per gal. Of oil or per cu. Ft. of gas)	140,000		
36	Average cost of fuel per unit del. f.o.b. plant	111.92		
37	Average cost of fuel per unit consumed	111.92		
38	Average cost of fuel consumed per million B.t.u.	27.19		
39	Average cost of fuel consumer per kwh net gen.	.21		
40	Average B.t.u. per kwh net generation	10,985		
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.
*** NONE ***						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	
					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	*** NONE ***						
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							

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 (I)	Steam Pressure at Throttle p.s.l.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 (I)	At Maximum Hydrogen Pressure (m)						
						Min. (n)	Max. (o)				
	*** NONE ***										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
TOTALS											37

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	*** NONE ***						
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							

Water Wheels -- Continued			Generators							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)	Fre- quency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)	Total Installed Generating Capacity in Kil- owatts (name plate ratings) (q)	
		*** NONE ***								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
TOTALS										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-

			Prime Movers				
Line	Name of Station	Location of Station	Diesel or Other Type Engine	Name of Maker	Year Installed	2 or 4 Installed	Belted or Direct Connected
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Wilkins 1	Woodfin Terrace	Diesel	General Motors	1975	2	Direct
2	Wilkins 2	Woodfin Terrace	Diesel	General Motors	1975	2	Direct
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							

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	Total Rated hp. of station Prime Movers	Year Installed	Voltage	Phase	Frequency or d.c.	Name Plate Rating of Unit in Kilowatts	Number of Units in Station		
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)		
3600	3600	1975	4160	3	60	2750	1	2750	1
3600	3600	1975	4160	3	60	2750	1	2750	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
					TOTALS				39

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	Salem	Village-13 Sub	22.9 KV	Wood Pole	1.49			
2	Salem	Village-13 Sub	22.9 KV	Underground	0.98			
3	Village-13 Sub	Village-5 Sub	22.9 KV	Underground	0.07			
4	Village-13 Sub	Clifton Sub	13.2 KV	Wood Pole	1.40			
5	Village-13 Sub	Clifton Sub	13.2 KV	Wood Pole		2.40 *		
6	Village-13 Sub	Beacon Sub	13.2 KV	Wood Pole		1.30 *		
7	Village-13 Sub	Commercial Sub	13.2 KV	Underground	1.90			
8	Village-13 Sub	Creesy St	13.2 KV	Underground	1.01			
9	Creesy St	Commercial Sub	13.2 KV	Wood Pole		.97 *		
10	Creesy St	Beacon Sub	13.2 KV	Wood Pole		.70 *		
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23						* Distribution Pole Line		
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	6.85	5.37 *		
* where other than 60 cycle, 3 phase, so indicate.								

ok

**Annual Report of the Town of Marblehead
SUBSTATIONS**

For Year Ended December 31, 2024

Page 68

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 (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc., and auxiliary equipment for increasing capacity.
6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Clifton Substation off Ames Road	Distribution Unattended	13,200	4,160		18,700	2	NONE	NONE	NONE	NONE
2	Beacon Substation off Woodfin Terrace	Distribution Unattended	13,200	4,160		7,000	1	NONE	NONE	NONE	NONE
3	Commercial Substation off Commercial St	Distribution Unattended	13,200	4,160		18,750	2	NONE	NONE	NONE	NONE
4	Village-5 Substation off Village St	Distribution Unattended	22,900	4,160		30,000	2	NONE	NONE	NONE	NONE
5	Village-13 Substation off Village St	Distribution Unattended	22,900	13,200		40,000	2	NONE	NONE	NONE	NONE
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26					TOTALS	114,450	9	NONE	NONE	NONE	NONE

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	88.129		88.129
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	88.129	0.00	88.129
5				
6				
7	A.C. 3 Phase & 1 Phase	2400/4160		
8	60 Cycles	120/240		
9		120/208		
10		277/480		
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:	8,347	10,834	1,265	66,673.0
17	Additions during year:				
18	Purchased		116	20	995.0
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	0	116	20	995.0
22	Reductions during year:				
23	Retirements	0	131	13	425.0
24	Associated with utility plant sold				
25	Total Reductions	0	131	13	425.0
26	Number at end of year	8,347	10,819	1,272	67,243.0
27	In stock		487	84	5,936.5
28	Locked meters on customers' premises		27		
29	Inactive transformers on system				
30	In customers' use		10,285	1,188	61,306.5
31	In company's use		20		
32	Number at end of year		10,819	1,272	67,243.0

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 *	Operating Voltage (d)	Feet *	Operating Voltage (f)
1	Balance 12/31/2002:	25.606	57.36			
2	Additions 2003:					
3	Clifton Sub - Garden Ckt *3		0.84			
4	Additions 2004:					
5	Green Street	4" pvc x 2 0.18	0.69			
6	Additions 2005:					
7	School Street	4" pvc x 2 0.03	0.09			
8	Essex Street	4" pvc x 2 0.03	0.09			
9	Humphrey Street	4" pvc x 2 0.08	0.24			
10	Highland Project	5" pvc x 2 0.29	0.87			
11	Clipper Way	5" pvc x 2 0.13	0.13			
12	Harvard Street	4" pvc x 2 0.04	0.04			
13	Thomas Circle	4" pvc x 2 0.03	0.03			
14	Additions 2006:					
15	Leggs Hill Road	4" pvc x 2 0.11	0.11			
16	Tower School	4" pvc x 2 0.07	0.07			
17	Additions 2007:					
18	YMCA	4" pvc x 2 0.19	0.19			
19	Westminster	5" pvc x 2 0.11	0.11			
20	Additions 2008:					
21	Highland Project	5" pvc x 2 0.10	0.30			
22	Causeway	5" pvc x 4 0.98	2.94			
23	Additions 2009:					
24	Village School	4" pvc x 2 0.09	0.27			
25	Crowninshield #22	4" pvc x 2 0.06	0.06			
26	Additions 2010:					
27	Tedesco Country Club	4" pvc x 2 0.04	0.06			
28	Stramski's Way	4" pvc x 2 0.21	0.11			
29	Additions 2011:					
30	National Grand Bank	4" pvc x 1 0.03	0.08			
31	Osborne Bldg Pleasant Street	4" pvc x 1 0.02	0.05			
32	Leggs Hill Road	4" pvc x 1 0.03	0.09			
33	Additions 2012:					
34	Camille Terrace	4" pvc x 1 0.07	0.07			
35	Additions 2013:					
36	Lincoln Avenue to Woodfin Property	4" pvc x 1 0.03	0.03			
37	Additions 2014:					
38	Blueberry Road	4" pvc x 2 0.06	0.06			
39	Additions 2016:					
40	Captain's Walk Lane	4" pvc x 1 0.05	0.05			
41	Cloutmans Lane	4" pvc x 1 0.03	0.03			
42	Additions 2017:					
43	Beacon Street	4" pvc x 1 0.03	0.03			
44	Ocean Avenue	4" pvc x 2 1.02	3.85			
45	Flint Street	4" pvc x2 0.04	0.15			
46	Removal 2020:					
47	Pleasant St	2" steel x 1 (0.01)	-0.03			
48	Baldwin Rd	8" PVC x 1 (0.04)	-0.12			
49	Additions 2022:					
50	Dartmouth stt	4" pvc x 1 0.09	0.27			
51	Removal 2021:					
52	Hooks Lane	8" pvc x 1 (0.04)	-0.12			
53	265 Pleasant	5" pvc x 1 0.09	0.28			
54	TOTALS	29.878	69.372			

* 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	Marblehead	2006	1899	NONE	NONE	NONE	NONE	NONE	107	
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	2006	1899	0	0	0	0	0	107	0

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

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

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Joseph T. Kowalik

Manager of Electric Light


Simon Frechette

Commissioner


Michael Hull

Commissioner

Selectmen
or


Adam Smith

Commissioner

Members
of the
Municipal

.....
Matt Harrington

Commissioner

Light Board

.....
Jean-Jacques Yarmoff

Commissioner
Chair