

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

**the Town of
BRAINTREE**

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2020

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

Official title: General Manager

William Bottiggi

Office address: 150 Potter Road

Braintree, MA 02184

GOULET, SALVIDIO
& ASSOCIATES, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

The Board of Commissioners
Braintree Electric Light Department
Braintree, Massachusetts 02184

Management is responsible for the accompanying financial statements of Braintree Electric Light Department which comprise the balance sheet as of December 31, 2020, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on the financial statements included in the accompanying prescribed form.

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

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

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
June 7, 2021

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GENERAL INFORMATION**Page 3**

- | | | |
|-----|---|---|
| 1. | Name of town (or city) making report. | Braintree |
| 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, 119; No, 3 Second vote: Yes, 146; No, 5
Date when town (or city) began to sell gas and electricity, | Electric

July 1893 |
| 3. | Name and address of manager of municipal lighting: | William Bottiggi
150 Potter Road
Braintree, MA 02184 |
| 4. | Name and address of mayor or selectmen: | Charles Kokoros
1 JFK Memorial Drive
Braintree, MA 02184 |
| 5. | Name and address of town (or city) treasurer: | Edward Spellman
1 JFK Memorial Drive
Braintree, MA 02184 |
| 6. | Name and address of town (or city) clerk: | James Casey
1 JFK Memorial Drive
Braintree, MA 02184 |
| 7. | Names and addresses of members of municipal light board: | Anthony Agnitti Braintree, MA
James Regan Braintree, MA
Thomas J. Reynolds Braintree, MA |
| 8. | Total valuation of estates in town (or city) according to last State valuation (taxable) | \$7,982,577,817 |
| 9. | Tax rate for all purposes during the year: | |
| | Residential | \$9.95 |
| | Commercial/Industrial/Personal Property | \$21.84 |
| 10. | Amount of manager's salary: | \$210,000 |
| 11. | Amount of manager's bond: | \$100,000 |
| 12. | Amount of salary paid to members of municipal light board (each): | \$0 |

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

		Amount	
INCOME FROM PRIVATE CONSUMERS:			
1	From sales of gas		
2	From sales of electricity	66,750,000	
3		TOTAL	66,750,000
4			
EXPENSES			
6	For operation, maintenance and repairs	51,500,000	
7	For interest on bonds, notes or scrip	3,500,000	
8	For depreciation fund (3 % 263,099,665 as per page 8B)	7,892,990	
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		TOTAL	62,892,990
14			
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	1,850,000	
19	Of electricity to be used for street lights	650,000	
20	Total of above items to be included in the tax levy	2,500,000	
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 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
		Braintree	16,555

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At meeting , to be paid from **

*At meeting , to be paid from **

TOTAL 0**FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY
TO BE USED BY THE CITY OR TOWN FOR:**

1. Street lights 650,000

2. Municipal buildings 1,850,000

3.

TOTAL 2,500,000

* Date of meeting and whether regular or special

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

- Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:**In gas property:**

Not applicable

Bonds (Issued on Account of Gas or Electric Lighting.)							
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
March 1893	April 1893	16,500					
March 1924	July 1924	50,000					
June 1951	February 1952	1,400,000					
March 1958	May 1958	1,500,000					
March 1959	May 1959	2,500,000					
October 1973	August 1975	17,000,000					
October 1973	October 1976	5,000,000					
May 2009	May 2009	109,700,000	3,935,000	15-May-10	4.80%	5/15/2010	
			4,050,000	15-May-11	4.80%	5/15/2011	
			4,260,000	15-May-12	4.80%	5/15/2012	
			4,415,000	15-May-13	4.80%	5/15/2013	
			4,630,000	15-May-14	4.80%	5/15/2014	
			4,855,000	15-May-15	4.80%	5/15/2015	
			5,085,000	15-May-16	4.80%	5/15/2016	
			5,335,000	15-May-17	4.80%	5/15/2017	
			5,600,000	15-May-18	4.80%	5/15/2018	
			5,875,000	15-May-19	4.80%	5/15/2019	
			5,965,000	15-May-20	4.80%	5/15/2020	
			6,180,000	15-May-21	4.80%	5/15/2021	52,785,000
			6,515,000	15-May-22	4.80%	5/15/2022	
			6,785,000	15-May-23	4.80%	5/15/2023	
			7,120,000	15-May-24	4.80%	5/15/2024	
			7,475,000	15-May-25	4.80%	5/15/2025	
			7,845,000	15-May-26	4.80%	5/15/2026	
			7,545,000	15-May-27	4.80%	5/15/2027	
			3,320,000	15-May-28	4.80%	5/15/2028	
	TOTAL	137,166,500	106,790,000			TOTAL	52,785,000

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

* Date of meeting and whether regular or special

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

TOTAL COST OF PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.		effect of such amounts.			
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	631,438	0	0	0	0	631,438
8	311 Structures and Improvements	11,152,298	215	0	0	0	11,152,513
9	312 Boiler Plant Equipment	4,352,889	0	0	0	0	4,352,889
10	313 Engines and Engine Driven Generators	0	0	0	0	0	0
11	314 Turbogenerator Units	11,888,823	0	0	0	0	11,888,823
12	315 Accessory Electric Equipment	3,265,424	0	0	0	0	3,265,424
13	316 Miscellaneous Power Plant Equipment	1,051,258	0	0	0	0	1,051,258
15	Total Steam Production Plant	32,342,130	215	0	0	0	32,342,345
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
	Total Nuclear Production Plant	0	0	0	0	0	0

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	13,725,527	0	0	0	(234,867)	13,490,660
13	342 Fuel Holders, Producers and Accessories	10,032,960	0	0	0	0	10,032,960
14	343 Prime Movers	27,767,545	0	0	0	0	27,767,545
15	344 Generators	45,659,619	0	0	0	0	45,659,619
16	345 Accessory Electric Equipment	14,015,437	135,131	(168,281)	0	0	13,982,287
17	346 Miscellaneous Power Plant Equipment	2,281,845	0	0	0	0	2,281,845
18	Total Other Production Plant	113,482,933	135,131	(168,281)	0	(234,867)	113,214,916
19	Total Production Plant	145,825,063	135,346	(168,281)	0	(234,867)	145,557,261
20	3. Transmission Plant						
21	350 Land and Land Rights	258,361	0	0	0	0	258,361
22	351 Clearing Land and Rights of Way	107,653	0	0	0	0	107,653
23	352 Structures and Improvements	3,162,818	0	0	0	0	3,162,818
24	353 Station Equipment	16,736,016	259,378	0	0	0	16,995,394
25	354 Towers and Fixtures	545,982	0	0	0	0	545,982
26	355 Poles and Fixtures	212,981	0	0	0	0	212,981
27	356 Overhead Conductors and Devices	2,719,932	0	0	0	0	2,719,932
28	357 Underground Conduit	3,011,359	0	0	0	0	3,011,359
29	358 Underground Conductors and Devices	3,472,730	0	0	0	0	3,472,730
30	359 Roads and Trails	12,524	0	0	0	0	12,524
31	Total Transmission Plant	30,240,356	259,378	0	0	0	30,499,734

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	35,000					35,000
3	361 Structures and Improvements	2,246,643	40,982	0	0	0	2,287,625
4	362 Station Equipment	6,020,829	35,467	0	0	0	6,056,296
5	363 Storage Battery Equipment	2,754,401	0	0	0	0	2,754,401
6	364 Poles Towers and Fixtures	7,070,647	320,870	(27,889)	0	0	7,363,628
7	365 Overhead Conductors and Devices	3,931,060	231,680	(155,937)	0	0	4,006,803
8	366 Underground Conduit	8,861,533	0	0	0	0	8,861,533
9	367 Underground Conductors and Devices	12,142,390	171,314	(48,018)	0	0	12,265,686
10	368 Line Transformers	9,569,717	444,970	(107,157)	0	0	9,907,530
11	369 Services	539,221	0	0	0	0	539,221
12	370 Meters	5,600,826	120,587	(2,048)	0	0	5,719,365
13	371 Installations on Customer's Premises	487,892	0	(132)	0	0	487,760
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	1,463,614	22,004	(160)	0	0	1,485,458
16	Total Distribution Plant	60,723,773	1,387,874	(341,341)	0	0	61,770,306
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0	0	0	0
19	390 Structures and Improvements	0	0	0	0	0	0
20	391 Office Furniture and Equipment	6,771,434	1,313	0	0	0	6,772,747
21	392 Transportation Equipment	2,975,152	447,540	(120,523)	0	0	3,302,169
22	393 Stores Equipment	28,408	0	0	0	0	28,408
23	394 Tools, Shop and Garage Equipment	87,036	0	0	0	0	87,036
24	395 Laboratory Equipment	26,132	0	0	0	0	26,132
25	396 Power Operated Equipment	13,602	0	0	0	0	13,602
26	397 Communication Equipment	15,375,466	356,631	0	0	(220,369)	15,511,728
27	398 Miscellaneous Equipment	301,091	154,250	0	0	0	455,341
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	25,578,321	959,734	(120,523)	0	(220,369)	26,197,163
30	Total Electric Plant in Service	262,367,513	2,742,332	(630,145)	0	(455,236)	264,024,464
31							
33							
34							
Total Cost of Electric Plant.....							264,024,464
Less Cost of Land, Land Rights, Rights of Way.....							924,799
Total Cost upon which Depreciation is based							263,099,665
The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.							

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COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	132,441,912	127,209,649	(5,232,263)
3	101	Utility Plant - Gas (P. 20)			
4					
5		Total Utility Plant	132,441,912	127,209,649	(5,232,263)
6					
7					
8					
9					
10		FUND ACCOUNTS			
11	123	Investment in Affiliated Company	0	119,339	119,339
12	125	Construction Fund	0	0	0
13	126	Depreciation Fund (P. 14)	4,309,152	6,823,290	2,514,138
14	128	Other Special Funds	11,749,749	11,381,986	(367,763)
15		Total Funds	16,058,901	18,324,615	2,265,714
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	9,931,262	10,698,069	766,807
18	132	Special Deposits	1,010,048	1,094,146	84,098
19	135	Working Funds	2,500	2,500	0
20	141	Notes Receivable			
21	142	Customer Accounts Receivable	2,443,241	2,593,041	149,800
22	143	Other Accounts Receivable	1,087,055	2,170,410	1,083,355
23	146	Receivables from Municipality	55,042	105,086	50,044
24	151	Materials and Supplies (P. 14)	4,989,175	4,976,440	(12,735)
25					
26	165	Prepayments	355,265	364,912	9,647
27	174	Miscellaneous Current Assets	3,613,776	3,414,948	(198,828)
28		Total Current and Accrued Assets	23,487,364	25,419,552	1,932,188
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	16,800,213	12,600,375	(4,199,838)
33		Total Deferred Debits	16,800,213	12,600,375	(4,199,838)
34					
35		Total Assets and Other Debits	188,788,390	183,554,191	(5,234,199)

COMPARATIVE BALANCE SHEET Liabilities and Other Credits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction			0
3		SURPLUS			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment	75,506,500	81,471,500	5,965,000
6	207	Appropriations for Construction Repayments	46,169	46,169	0
7	208	Unappropriated Earned Surplus (P. 12)	(10,737,684)	(14,465,260)	(3,727,576)
8		Total Surplus	64,814,985	67,052,409	2,237,424
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	58,750,000	52,785,000	(5,965,000)
11	224	Other Long Term Debt	0	0	0
12	227	Obligation under Capital Lease	0	0	0
13	231	Notes Payable (P. 7)	0	0	0
14		Total Bonds and Notes	58,750,000	52,785,000	(5,965,000)
15		CURRENT AND ACCRUED LIABILITIES			
16	232	Accounts Payable	4,727,552	5,746,647	1,019,095
17	233	Capital Lease	103,133	0	(103,133)
18	234	Payables to Municipality	0	0	0
19	235	Customers' Deposits	2,072,602	2,183,476	110,874
20	236	Taxes Accrued	0	0	0
21	237	Interest Accrued	351,123	321,287	(29,836)
22	242	Miscellaneous Current and Accrued Liabilities	403,484	512,821	109,337
23		Total Current and Accrued Liabilities	7,657,894	8,764,231	1,106,337
24		DEFERRED CREDITS			
25	251	Unamortized Premium on Debt	9,914,804	8,538,192	(1,376,612)
26	252	Customer Advances for Construction	0	0	0
27	253	Other Deferred Credits	3,865,904	6,998,039	3,132,135
28		Total Deferred Credits	13,780,708	15,536,231	1,755,523
29		RESERVES			
30	260	Reserves for Uncollectible Accounts	104,603	209,991	105,388
31	261	Property Insurance Reserve	0	0	0
32	262	Injuries and Damages Reserves	0	0	0
33	263	Pensions and Benefits Reserves	33,214,040	26,549,673	(6,664,367)
34	265	Miscellaneous Operating Reserves	9,343,989	11,571,966	2,227,977
35		Total Reserves	42,662,632	38,331,630	(4,331,002)
36		CONTRIBUTIONS IN AID OF			
37		CONSTRUCTION			
38	271	Contributions in Aid of Construction	1,122,171	1,084,690	(37,481)
39		Total Liabilities and Other Credits	188,788,390	183,554,191	(5,234,199)

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	58,907,839	(2,768,634)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	42,760,324	(331,933)
5	402 Maintenance Expense	4,901,374	(45,659)
6	403 Depreciation Expense	7,826,390	93,714
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)		
10	Total Operating Expenses	55,488,088	(283,878)
11	Operating Income	3,419,751	(2,484,756)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	3,419,751	(2,484,756)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	2,610,579	1,815,966
17	419 Interest Income	41,999	(66,097)
18	421 Miscellaneous Nonoperating Income (P. 21)	282,936	162,588
19	Total Other Income	2,935,514	1,912,457
20	Total Income	6,355,265	(572,299)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(37,481)	(1,312)
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(37,481)	(1,312)
25	Income Before Interest Charges	6,392,746	(570,987)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	2,659,475	(259,281)
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt - Credit	(665,873)	42,813
30	431 Other Interest Expense	18,673	4,975
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	2,012,275	(211,493)
33	NET INCOME	4,380,471	(359,494)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		(10,737,684)
35			
36			
37	433 Balance Transferred from Income		4,380,471
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	6,382,597	
40	436 Appropriations of Surplus (P. 21)	1,725,450	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	(14,465,260)	
43			
44	TOTALS	(6,357,213)	(6,357,213)

CASH BALANCES AT END OF YEAR			Page 14
Line No.	Items (a)	Amount (b)	
1	Operation Fund	10,698,069	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12		TOTAL	10,698,069
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)	4,976,440	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))		
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	4,976,440	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	4,309,152	
26	Income during year from balance on deposit (interest)	34,118	
27	Amount transferred from income (depreciation)	3,881,207	
28			
29	TOTAL	8,224,477	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	1,401,187	
32	Amounts expended for renewals,viz:-		
33	Power Contract Settlement		
34			
35			
36			
37			
38			
39	Balance on hand at end of year	6,823,290	
40	TOTAL	8,224,477	

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						0
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	631,438	0	0	0	0	631,438
8	311 Structures and Improvements	0	215	190,136	0	0	(189,921)
9	312 Boiler Plant Equipment	12,456	0	0	0	0	12,456
10	313 Engines and Engine Driven Generators	0	0	0	0	0	0
11	314 Turbogenerator Units	0	0	0	0	0	0
12	315 Accessory Electric Equipment	133,069	0	97,963	0	0	35,106
13	316 Miscellaneous Power Plant Equipment	237,494	0	31,538	0	0	205,956
15	Total Steam Production Plant	1,014,457	215	319,637	0	0	695,035
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	0	0	0	0	0	0

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	9,748,547	0	404,720	0	(234,867)	9,108,960
13	342 Fuel Holders, Producers and Accessories	6,365,352	0	300,989	0	0	6,064,363
14	343 Prime Movers	18,777,003	0	933,026	0	0	17,843,977
15	344 Generators	28,886,288	0	2,002,687	0	0	26,883,601
16	345 Accessory Electric Equipment	9,345,502	135,131	420,463	0	0	9,060,170
17	346 Miscellaneous Power Plant Equipment	1,534,029	0	68,455	0	0	1,465,574
18	Total Other Production Plant	74,656,721	135,131	4,130,340	0	(234,867)	70,426,645
19	Total Production Plant	75,671,178	135,346	4,449,977	0	(234,867)	71,121,680
20	3. Transmission Plant						
21	350 Land and Land Rights	215,930	0	7,751	0	0	208,179
22	351 Clearing Land and Rights of Way	0	0	0	0	0	0
23	352 Structures and Improvements	921,352	0	94,885	0	0	826,467
24	353 Station Equipment	8,835,556	259,378	502,080	0	0	8,592,854
25	354 Towers and Fixtures	186,918	0	16,379	0	0	170,539
26	355 Poles and Fixtures	0	0	0	0	0	0
27	356 Overhead Conductors and Devices	1,681,078	0	81,598	0	0	1,599,480
28	357 Underground Conduit	134,773	0	90,341	0	0	44,432
29	358 Underground Conductors and Devices	946,248	0	104,182	0	0	842,066
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	12,921,855	259,378	897,216	0	0	12,284,017

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	0	0	0			0
3	361 Structures and Improvements	1,244,311	40,982	67,399	0	0	1,217,894
4	362 Station Equipment	2,850,885	35,467	180,625	0	0	2,705,727
5	363 Storage Battery Equipment	2,754,400	0	0	0	0	2,754,400
6	364 Poles Towers and Fixtures	4,417,635	320,870	212,119	0	0	4,526,386
7	365 Overhead Conductors and Devices	158,555	231,680	13,275	0	0	376,960
8	366 Underground Conduit	1,036,375	0	265,846	0	0	770,529
9	367 Underground Conductors and Devices	5,931,538	171,314	468,931	0	0	5,633,921
10	368 Line Transformers	4,953,563	444,970	287,092	0	0	5,111,441
11	369 Services	0	0	0	0	0	0
12	370 Meters	3,759,061	120,587	168,025	0	0	3,711,623
13	371 Installations on Customer's Premises	51,674	0	14,637	0	0	37,037
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	1,425,511	22,004	43,908	0	0	1,403,607
16	Total Distribution Plant	28,583,508	1,387,874	1,721,857	0	0	28,249,525
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0	0	0	0
19	390 Structures and Improvements	0	0	0	0	0	0
20	391 Office Furniture and Equipment	2,968,983	1,313	203,142	0	0	2,767,154
21	392 Transportation Equipment	2,791,957	447,540	89,254	0	0	3,150,243
22	393 Stores Equipment	14,970	0	852	0	0	14,118
23	394 Tools, Shop and Garage Equipment	0	0	0	0	0	0
24	395 Laboratory Equipment	0	0	0	0	0	0
25	396 Power Operated Equipment	5,068	0	408	0	0	4,660
26	397 Communication Equipment	9,347,542	356,631	454,651	0	(220,369)	9,029,153
27	398 Miscellaneous Equipment	136,851	154,250	9,033	0	0	282,068
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	15,265,371	959,734	757,340	0	(220,369)	15,247,396
30	Total Electric Plant in Service	132,441,912	2,742,332	7,826,390	0	(455,236)	126,902,618
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	0	307,031	0		0	307,031
34	Total Utility Plant Electric	132,441,912	3,049,363	7,826,390	0	(455,236)	127,209,649

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year					
2	Received During Year					
3	TOTAL	0				
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0				
13	BALANCE END OF YEAR	0				
Line No.	Item (g)		Kinds of Fuel and Oil - continued			
			Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

Next page is 21

MISCELLANEOUS NONOPERATING INCOME (Account 421)			Page 21
Line No.	Item (a)	Amount (b)	
1	Mutual Aid	(95,314)	
2	Income from ENE	378,250	
3			
4			
5			
6	TOTAL	282,936	
OTHER INCOME DEDUCTIONS (Account 426)			
Line No.	Item (a)	Amount (b)	
7			
8			
9			
10			
11			
12			
13			
14	TOTAL	0	
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)			
Line No.	Item (a)	Amount (b)	
15			
16			
17			
18			
19			
20			
21			
22			
23	TOTAL	0	
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)			
Line No.	Item (a)	Amount (b)	
24	Premium Bond Payments	5,965,000	
25	Transfer to ISP Division	417,597	
26			
27			
28			
29			
30			
31			
32	TOTAL	6,382,597	
APPROPRIATIONS OF SURPLUS (Account 436)			
Line No.	Item (a)	Amount (b)	
33	In Lieu of Tax Payments to Town	1,725,450	
34			
35			
36			
37			
38			
39			
40	TOTAL	1,725,450	

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

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)
1					
2					
3					
4		TOTALS			
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)
5	444-2	Municipal: (Other than Street Lighting)	10,454,464	1,551,958	0.1484
6					
7					
8		TOTALS	10,454,464	1,551,958	0.1484
9	444-1	Street Lighting	1,399,087	357,500	0.2555
10					
11					
12		TOTALS	1,399,087	357,500	0.2555
13		TOTALS	11,853,551	1,909,458	0.1611

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	MMWEC NYPA	Grove Street	16,203,167	\$330,460	0.0204
21	MMWEC Seabrook	Substation	60,509,076	\$1,769,231	0.0292
22	Energy New England	Braintree, MA	232,538,983	\$13,031,896	0.0560
23	ISO New England Interchange	115 KV	6,338,231	\$7,185,581	1.1337
24	Landfill Solar Array		1,563,445	\$182,628	0.1168
25	Braintree High School Solar Array		778,628	\$70,463	0.0905
26	Campanelli Solar		2,956,777	\$242,741	0.0821
27	66 Brooks Drive Solar (Archdiocese)		1,170,073	\$107,338	0.0917
28	Duke Energy / Potter DG		1,013,270	\$434,361	0.4287
29	PTF Credit			(2,477,448)	N/A
30	National Grid			146,231	N/A
31	Forward Reserve Credit			(127,954)	N/A
32	Rate Stabilization Transfer			2,103,214	N/A
33					
34					
35					
36					
		TOTALS	323,071,650	\$ 22,998,742	0.0712

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)
32	Hingham Municipal Light (Potter)	Grove Street	1,072	\$123,368	115.0821
33	North Attleboro Electric Dept. (Potter)	Substation	2,428	\$281,636	115.9951
34	Hingham Municipal Light (Watson)	Braintree, MA	2,069,044	\$1,606,245	0.7763
35	Concord Municipal (Watson)	115 KV	1,810,414	\$1,405,465	0.7763
36	Taunton Municipal Light (Watson)		2,069,044	\$1,606,245	0.7763
37	Wellesley Municipal Light (Watson)		2,069,044	\$1,606,245	0.7763
38	Reading Municipal Light (Watson)		2,069,044	\$1,606,245	0.7763
39	Chicopee Electric Light (Watson)		2,069,044	\$1,606,245	0.7763
40	New Hampshire Electric Coop (Watson)		2,327,676	\$1,794,876	0.7711
41		TOTALS	14,486,810	\$ 11,636,570	0.8033

<p>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.</p> <p>2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</p> <p>3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate meter readings are added for billing purposes, one customer s 4. Unmetered sales should be included below. The details of such be counted for each group of meters so added. The average r sales should be given in a footnote.</p> <p>of customers means the average of the 12 figures at the close 5. Classification on Commercial and Industrial Sales, Account 442, month. If the customer count in the residential service classific Large (or Industrial) may be according to the basis of classification includes customers counted more than once because of speci regularly used by the respondent if such basis of classification is not services, such as water heating, etc., indicate in a footnote the greater than 1000 KW. See Account 442 of the Uniform System of such duplicate customers included in the classification. of Accounts. Explain basis of Classification</p>							
ELECTRIC OPERATING REVENUES (Account 400)							
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	17,085,773	861,472	119,809,135	6,509,634	14,013	48
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	25,424,136	(3,085,784)	166,531,764	(19,811,114)	2,413	1
5	Large Commercial C Sales	1,850,926	(1,086,220)	13,470,772	(7,840,814)	5	(1)
6	444 Municipal Sales	1,552,684	(28,446)	10,454,464	(275,528)	124	(2)
7	445 Street Lighting	357,500	(57,600)	1,404,781	5,694		
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Sales	117,790	2,096	967,509	18,064	211	0
11	Total Sales to Ultimate Consumers	46,388,809	(3,394,482)	312,638,425	(21,394,064)	16,766	46
12	447 Sales for Resale	11,636,570	416,043	14,486,810	6,504,575	9	0
13	Total Sales of Electricity*	58,025,379	(2,978,439)	327,125,235	(14,889,489)	16,775	46
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts		0				
16	451 Miscellaneous Service Revenues		0				
17	453 Sales of Water and Water Power		0				
18	454 Rent from Electric Property	611,875	18,864				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	234,303	141,509				
21							
22	ISP Revenues						
23	Miscellaneous Adjustments to Sales	36,282	49,432				
24							
25	Total Other Operating Revenues	882,460	209,805				
26	Total Electric Operating Revenue	58,907,839	(2,768,634)				

* Includes revenues from application of fuel clauses \$ -

Total KWH to which applied 310,266,135

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS**Page 38**

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440	A1 Residential	114,866,244	\$16,401,617	0.1428	13,552	13,547
2		A1C Controlled Water Heating	4,858,266	\$672,220	0.1384	461	455
3		AS Distributed Generation	84,625	\$11,936	0.1410	10	11
4	442	G1 Small General Service	58,513,768	\$9,621,333	0.1644	2,232	2,222
5		E1 Economic Development	8,005,669	\$1,004,386	0.1255	3	3
6		G2 Large General Service	84,890,366	\$12,598,726	0.1484	166	167
7		H1 Commercial Heating and Cooling	15,121,961	\$2,199,691	0.1455	20	21
8		P1 Industrial	13,470,772	\$1,850,926	0.1374	5	5
9	444	MG1 Municipal	2,260,147	\$372,497	0.1648	112	110
10		MG2 Municipal	6,668,157	\$962,578	0.1444	11	11
11		MH1 Municipal	1,526,160	\$217,609	0.1426	3	3
12		Street Lighting	1,404,781	\$357,500	0.2545	1	1
14		L1 Area Lighting	967,509	\$117,790	0.1217	210	210
15							
16							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			312,638,425	46,388,808	0.1484	16,786	16,766

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Page 39

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	191,994	(37,587)
5	501 Fuel	163,780	(412,114)
6	502 Steam Expenses	718,793	(11,937)
7	503 Steam from other sources	0	0
8	504 Steam transferred -- Cr.	0	0
9	505 Electric expenses	0	0
10	506 Miscellaneous steam power expenses	0	0
11	507 Rents	0	0
12	Total Operation	1,074,567	(461,638)
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	369,917	(213,773)
16	512 Maintenance of boiler plant	267,461	(110,533)
17	513 Maintenance of electric plant	239,017	(76,915)
18	514 Maintenance of miscellaneous steam plant	79,367	(78,777)
19	Total Maintenance	955,762	(479,998)
20	Total power production expenses -steam power	2,030,329	(941,636)
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering	0	0
44	536 Water for power	0	0
45	537 Hydraulic expenses	0	0
46	538 Electric expenses	0	0
47	539 Miscellaneous hydraulic power generation expenses	0	0
48	540 Rents	0	0
49	Total Operation	0	0

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance of reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	203,999	(47,481)
13	547 Fuel	751,767	131,914
14	548 Generation Expenses	922,314	(32,579)
15	549 Miscellaneous other power generation expense	441,695	75,808
16	550 Rents	0	0
17	Total Operation	2,319,775	127,662
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	663,517	(96,776)
21	553 Maintenance of generating and electric plant	1,166,175	129,574
22	554 Maintenance of miscellaneous other power generation plant	89,295	56,131
23	Total Maintenance	1,918,987	88,929
24	Total power production expenses - other power	4,238,762	216,591
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	22,998,742	(367,190)
27	556 System control and load dispatching	0	0
28	557 Other expenses	377,518	87,815
29	Total other power supply expenses	23,376,260	(279,375)
30	Total power production expenses	29,645,351	(1,004,420)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	0	0
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	0	0
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	0	0
42	Maintenance:		
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	89,194	(18,717)
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	18,936	(55,045)
48	573 Maintenance of miscellaneous transmission plant	41,336	795
49	Total maintenance	149,466	(72,967)
50	Total transmission expenses	149,466	(72,967)

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	290,113	33,370
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	0	0
6	583 Overhead line expenses	44,475	7,981
7	584 Underground line expenses	0	0
8	585 Street lighting and signal system expenses	151,221	(278)
9	586 Meter expenses	1,931	(1,919)
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	137,637	(69,738)
12	589 Rents	0	0
13	Total operation	625,377	(30,584)
14	Maintenance:		
15	590 Maintenance supervision and engineering	156,060	54,828
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	77,136	(90,701)
18	593 Maintenance of overhead lines	1,759,847	113,402
19	594 Maintenance of underground lines	929,483	150,105
20	595 Maintenance of line transformers	0	0
21	596 Maintenance of street lighting and signal systems	107,512	(33,740)
22	597 Maintenance of meters	340,777	53,600
23	598 Maintenance of miscellaneous distribution plant	167,959	166,555
24	Total maintenance	3,538,774	414,049
25	Total distribution expenses	4,164,151	383,465
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	0	0
30	903 Customer records and collection expenses	776,191	(56,186)
31	904 Uncollectible accounts	245,847	169,396
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	1,022,038	113,210
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	694,286	84,291
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	694,286	84,291
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	2,080,605	20,180
44	921 Office supplies and expenses	7,800	(3,557)
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	167,341	(22,485)
47	924 Property insurance	962,587	348,410
48	925 Injuries and damages	0	(22,514)
49	926 Employee pensions and benefits	7,665,731	(147,330)
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	480,926	(74,044)
53	931 Rents	0	0
54	Total operation	11,364,990	98,660

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	406,838	20,290	
4	933 Transportation expense	214,578	(121)	
5	Total administrative and general expenses	11,986,406	118,829	
6	Total Electric Operation and Maintenance Expenses	47,661,698	(377,592)	
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
7	Power Production Expenses			
8	Electric Generation:			
9	Steam Power:	1,074,567	955,762	2,030,329
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power	4,238,762		4,238,762
13	Other Power Supply Expenses	23,376,260		23,376,260
14	Total power production expenses	28,689,589	955,762	29,645,351
15	Transmission Expenses	149,466		149,466
16	Distribution Expenses	625,377	3,538,774	4,164,151
17	Customer Accounts Expenses	1,022,038		1,022,038
18	Sales Expenses	694,286		694,286
19	Administrative and General Expenses	11,579,568	406,838	11,986,406
20	Total Electric Operation and			
21	Maintenance Expenses	42,760,324	4,901,374	47,661,698
22	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)			94.19%
23	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			\$11,609,772
24	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			89

TAXES CHARGED DURING THE YEAR

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

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.

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

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

OTHER UTILITY OPERATING INCOME (Account 414)					Page 50
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415) Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				2,610,579
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0	0	0	2,610,579
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs				
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	0	0	0
51	Net Profit (or loss)	0	0	0	2,610,579

SALES FOR RESALE (Account 447)

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

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

and place "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.

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		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2	Hingham Municipal Light (Potter)	FP		Grove St, Braintree	RS	2,125 kW		2,125 kW
3	North Attleboro Electric Dept.(Potter)	FP		Grove St, Braintree	RS	4,800 kW		4,800 kW
4	Hingham Municipal Light (Watson)	FP		Grove St, Braintree	RS	11,600 kW		11,600 kW
5	Concord Municipal (Watson)	FP		Grove St, Braintree	RS	10,150 kW		10,150 kW
6	Taunton Municipal Light (Watson)	FP		Grove St, Braintree	RS	11,600 kW		11,600 kW
7	Wellesley Municipal Light (Watson)	FP		Grove St, Braintree	RS	11,600 kW		11,600 kW
8	Reading Municipal Light (Waston)	FP		Grove St, Braintree	RS	11,600 kW		11,600 kW
9	Chicopee Electric Light (Watson)	FP		Grove St, Braintree	RS	11,600 kW		11,600 kW
10	New Hampshire Electric Coop (Watson)	FP		Grove St, Braintree	RS	13,050 kW		13,050 kW
11								
12								
13								
14								
15								
16								
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42								

SALES FOR RESALE (Account 447) - Continued

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

integrated).

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

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

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
NONE								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
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								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42

**PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)**

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

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

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.

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

Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2	MMWEC Seabrook	FP	X	Grove St., Braintree	RS	7 kW		7 kW
3	MMWEC NYPA	FP	X	Grove St., Braintree	RS	3 kW		3 kW
4	Energy New England, L.L.C.	EX		Grove St., Braintree	RS			
5	ISO New England Interchange	EX		Grove St., Braintree	RS			
6	Hydro Quebec (through ISO-NE)	FP	X	Grove St., Braintree	RS	6 kW		6 kW
7								
8								
9								
10								
11								
12								
13								
14								
15								
16	Entitlement in Taunton							
17	Cleary 9 Unit ended 12/31/13							
18								
19								
20								
21								
22								
23								
24								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41	** Includes transmission and administrative charges and decommissioning							
42								

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

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

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

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

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

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)		
** NONE**								1
								2
								3
								4
								5
								6
								7
								8
								9
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								36
								37
								38
								39
								40
								41
	TOTALS:	0	-	-	-	-		42

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (a)	Delivered (f)	Net Difference (g)	
1							0	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				0	0	0	0

B. Details of Settlement for Interchange Power

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

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation	
3	Steam Gas Turbine Combined Cycle	20,737,050
4	Nuclear	
5	Hydro	
6	Other Diesel, Fuel Cell	0
7	Total Generation	20,737,050
8	Purchases	316,733,419
9	(In (gross)	6,338,231
10	Interchanges < Out (gross)	0
11	(Net (Kwh)	6,338,231
12	(Received	
13	Transmission for/by others (wheeling) < Delivered	
14	(Net (Kwh)	
15	TOTAL	343,808,700
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	312,638,425
18	Sales for resale	14,486,810
19	Energy furnished without charge (station use)	3,732,761
20	Energy used by the company (excluding station use):	
21	Electric department only	1,232,013
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	
25	Unaccounted for losses 3.41%	11,718,691
26	Total energy losses	11,718,691
27	Energy losses as percent of total on line 15	
28	TOTAL	343,808,700

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation

as to the nature of the emergency.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.

5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

Town of BRAINTREE

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	56,590	Mon	20	11:00am	60 min	32,051,640
30	February	50,810	Tue	18	6:00pm	"	29,245,670
31	March	47,820	Mon	2	11:00am	"	28,252,900
32	April	42,820	Fri	3	1:00pm	"	23,157,380
33	May	47,110	Fri	29	3:00pm	"	22,541,780
34	June	64,880	Wed	24	2:00pm	"	28,115,430
35	July	78,380	Tue	28	1:00pm	"	36,497,330
36	August	73,810	Tue	11	1:00pm	"	34,734,470
37	September	56,410	Fri	4	2:00pm	"	26,516,000
38	October	49,150	Fri	30	12:00pm	"	24,919,740
39	November	46,870	Wed	18	5:00pm	"	26,766,510
40	December	55,670	Wed	16	5:00pm	"	31,009,850
41						TOTAL	343,808,700

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 Kw* 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)
		POTTER I	DIESEL	POTTER II
1	Kind of plant (steam, hydro, int. com., gas turbine	Steam	I.C.	Gas Turbine C.C.
2	Type of plant construction (conventional,			Oil Production
3	outdoor boiler, full outdoor, etc.)	Conventional	Conventional	Conventional
4	Year originally constructed	1959	1977	1977
5	Year last unit was installed	1959	1977	1977
6	Total installed capacity (maximum			
7	generator name plate ratings in kw)	12,500	2,500	97,500
8	Net peak demand on plant-kilowatts (60 min.)	12,500	2,500	79,500
9	Plant hours connected to load		0	1
10	Net continuous plant capability, kilowatts:			
11	(a) When not limited by condenser water	12,500	2,500	97,500
12	(b) When limited by condenser water	12,500	2,500	79,500
13	Average number of employees	0	0	14
14	Net generation, exclusive of station use	0	0	0
15	Cost of plant (omit cents):			
16	Land and land rights	\$544,918		\$20,271
17	Structures and improvements	\$1,207,012	\$97,709	\$3,762,859
18	Reservoirs, dams, and waterways			
19	Equipment costs	\$1,369,263	\$657,373	\$18,429,374
20	Roads, railroads, and bridges			
21	Total cost	\$3,121,193	\$755,082	\$22,212,504
22	Cost per kw of installed capacity	\$250	\$302	\$228
23	Production expenses:			
24	Operation supervision and engineering			
25	Station labor			
26	Fuel		\$0.00	\$0
27	Supplies and expenses, including water			
28	Maintenance	\$0.00	\$0.00	\$0.00
29	Rents			
30	Steam from other sources			
31	Steam transferred -- Credit			
32	Total production expenses	\$0.00	\$0.00	\$0
33	Expenses per net Kwh (5 places)	0.0000	0.0000	0.0000
34	Fuel: Kind			Oil
35	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42	Station was	Diesel Unit was	bbls.
36	gals.) (Gas-M cu. ft.) (Nuclear, indicate)	Demolished and	Demolished and	
37	Quantity (units) of fuel consumed	Removed in 2007	Removed in 2018	0
38	Average heat content of fuel (B.t.u. per lb. of coal,			
39	per gal. of oil, or per cu. ft. of gas)			140,000
40	Average cost of fuel per unit, del. f.o.b. plant			0.00
41	Average cost of fuel per unit consumed			0.00
42	Average cost of fuel consumed per million B.t.u.			0.00
43	Average cost of fuel consumed per kwh net gen.			0.00000
44	Average B.t.u. per kwh net generation			
45				Unit did not run on oil in 2020
46				Threw blade on 6/30/2020

GENERATING STATION STATISTICS (Large Stations) -- Continued

(Except Nuclear, See Instruction 10)

547 as shown on Line 24

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

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

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.
POTTER II	Watson Unit 1	Watson Unit 1	Watson Unit 2	Watson Unit 2		
Gas Turbine C.C.	Simple Cycle GT	Simple Cycle GT	Simple Cycle GT	Simple Cycle GT		1
Gas Production	Gas Production	Oil Production	Gas Production	Oil Production		2
Conventional	Conventional	Conventional	Conventional	Conventional		3
1977	2009	2009	2009	2009		4
1977	2009	2009	2009	2009		5
						6
97,500	58,000	58,000	58,000	58,000		7
79,500	58,000	58,000	58,000	58,000		8
1.40	202.64	23.96	210.45	20.67		9
						10
97,500	58,000	58,000	58,000	58,000		11
79,500	58,000	58,000	58,000	58,000		12
14	14	14	14	14		13
46,610	9,224,780	1,002,790	9,631,410	831,460		14
						15
\$20,271	\$0	\$0	\$0	\$0		16
\$3,762,859	\$5,269,440	\$5,269,440	\$5,269,440	\$5,269,440		17
						18
\$18,429,374	\$49,082,775	\$49,082,775	\$49,082,775	\$49,082,775		19
						20
\$22,212,504	\$54,352,215	\$54,352,215	\$54,352,215	\$54,352,215		21
\$228	\$0	\$0	\$0	\$0		22
						23
						24
						25
\$4,830	\$254,929	\$139,038	\$256,117	\$116,116		26
						27
						28
						29
						30
						31
\$4,830.00	\$254,929.00	\$139,038.00	\$256,117.00	\$116,116.00		32
0.10363	0.02764	0.13865	0.02659	0.13965		33
Gas	Gas	Oil	Gas	Oil		34
M Cu. Ft.	M Cu. Ft.	bbls.	M Cu. Ft.	bbls.		35
						36
762	63,505	1,679	63,801	1,402		37
						38
1,036.24	1036.24		1036.24			39
6.34	4.01	82.81	4.01	82.82		40
6.34	4.01	82.81	4.01	82.82		41
						42
0.10363	0.02764	0.13865	0.02659	0.13965		43
						44
						45
Threw blade on 6/30/2020						46

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)
2	Potter II ST	Potter Road	1/1977	Gas/Auto	620	820	220,000
3	Potter II GT	Potter Road	1/1977	Gas/Auto	N/A	N/A	N/A
4	Thomas Watson Unit 1	Potter Road	1/2009	Gas/Auto	N/A	N/A	N/A
5	Thomas Watson Unit 2	Potter Road	2/2009	Gas/Auto	N/A	N/A	N/A
6							
7							
8							
9		Potter 2 threw a turbine blade on June 30, 2020 during testing causing catastrophic damage to the turbine / rotor					
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							

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	Type	Steam Pressure at Throttle p.s.i.g.	R.P.M.	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor	Voltage K.v.++	Station Capacity Maximum Name Plate Rating*+	Line No.
				At Minimum Hydrogen Pressure	At Maximum Hydrogen Pressure						
				(h)	(l)	(j)	(k)				
1977	SC	620	3,600	20,700	20,700	Air	Cooled	0.9	13.8	20,700	1
1977	SC	620	3,600	78,000	78,000	0.5#	15.0#	0.9	13.8	78,000	2
2009	GT	N/A	3,600	58,000	58,000	Air	Cooled	0.85	13.8	58,000	3
2009	GT	N/A	3,600	58,000	58,000	Air	Cooled	0.85	13.8	58,000	4
											5
											6
											7
											8
											9
											10
											11
											12
											13
											14
											15
											16
											17
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											24
											25
											26
											27
											28
											29
											30
											31
											32
											33
											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.

*+ Should 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	*** NONE ***						
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

* 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. (i)	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)		
		*** NONE ***								1
										2
										3
										4
										5
										6
										7
										8
										9
										10
										11
										12
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										26
										27
										28
										29
										30
										31
										32
										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-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				Belted or Direct Connected (g)
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	
1	Potter II	Potter Road	Diesel	Fairbank-Morse	1977	2	Direct
2							
3							
4							
5							
6		Note: Diesel was retired from ISO Market System as of May 1, 2014					
7		Used in emergency situations only					
8							
9		Diesel unit was electrically disconnected in December 2017 and was					
10		scrapped in April 2018					
11							
12							
13							
14							
15							
16							
17							
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34							
35							
36							
37							
38							
39							

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)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (i)	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
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
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									34
									35
									36
									37
									38
TOTALS								0	39

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW* and other stations of less than 500 KW* 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. Designate any plant leased from others, operated under a license from the Federal Power Commission.

or operated as a joint facility, and give a concise statement of the facts in a footnote.

3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.

4. Specify if total plant capacity is reported in kva instead of kilowatts.

5. If peak demand for 60 minutes is not available, give that which is available, specifying period.
6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

[illegible]

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	EVERSOURCE	GROVE STREET	115	WOOD POLE	0.060		1	636ACSR
2	GROVE STREET	PLAIN STREET	115	PIPE CABLE	1.480		1	1000AL
3	PLAIN STREET	STATION 8	115	PIPE CABLE	3.650		1	1000AL
4	STATION 8	STATION 10	115	PIPE CABLE	1.810		1	1000AL
5	STATION 10	POTTER STA	115	PIPE CABLE	1.810		1	1250CU
6	POTTER STA	SWIFTS BEACH	115	PIPE CABLE	0.490		1	1250CU
7	SWIFTS BEACH	EVERSOURCE	115	STEEL POLE	0.230		1	636ACSR
8	WATSON STA	POTTER STA	115	STEEL POLE	0.045		1	636ACSR
9								
10								
11								
12								
13								
14	* Replaced 1000AL with 1250CU from Station 10 -16 in 2009							
15								
16	* Replaced 1000AL with 1250CU from Station 16 -11 in 2010							
17								
18	*Revised miles in 2017 to match the NX-9 data at ISO New England							
19								
20								
21								
22								
23								
24								
25								
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36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51	TOTALS				9.58		8	

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

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give

name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	STATION 4 PLAIN STREET	DISTRIBUTION	115	13.8		100,000	2	0	NONE		
2	STATION 10 MIDDLE	DISTRIBUTION	115	13.8		90,000	2	0	NONE		
3	STATION 8 CHURCHILL	DISTRIBUTION	115	13.8		90,000	2	0	NONE		
4											
5											
6	* Installed new 2nd transformer at										
7	Station 8 in 2010										
8											
9											
10	* Replaced T2 at station 4 in 2018										
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26	TOTALS					280,000	6	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.			Length (Pole Miles)		
			Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	104.94			104.94
2	Added During Year	0.00			0.00
3	Retired During Year	0.00			0.00
4	Miles - End of Year	104.84			104.84
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	12,536	17,541	2,380	318,296
17	Additions during year				
18	Purchased		0		
19	Installed	15	200	47	9,425
20	Associated with utility plant acquired				
21	Total Additions	15	200	47	9,425
22	Reductions during year:				
23	Retirements	5	67	39	9,000
24	Associated with utility plant sold				
25	Total Reductions	5	67	39	9,000
26	Number at end of year	12,546	17,674	2,388	318,721
27	In stock		110	110	22,850
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		17,564	2,278	295,871
31	In company's use				
32	Number at end of year		17,674	2,388	318,721

*

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	Designation of Underground System	Miles of Conduit Bank (All Sizes and Types)	Underground Cable		Submarine Cable	
No.	(a)	(b)	Miles *	Operating Voltage	Feet *	Operating Voltage
			(c)	(d)	(e)	(f)
1	UNDERGROUND DISTRIBUTION SYSTEM	47.50	64.50	13.8kv		
2						
3						
4						
5						
6						
7						
8	Note: UG cable miles revised in 2017 to reflect GPS number					
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
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29						
30						
31						
32						
33						
34						
49	TOTALS	47.50	0.00	64.50	0	0

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		LED Streetlights		PWED's		High Press. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	LED (g)	METAL HALIDE (h)	Municipal (i)	Other (j)
1	Braintree	4,146	35		3,895		67	149	0	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	4146	35	0	3895	0	67	149	0	0

Note: BELD began to install new LED Streetlights in town beginning near end of 2015 and completed instalation in fall of 2017

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		*****NO RATE CHANGE DURING 2020*****		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

Manager of Electric Light Dept.

William G. Bottiggi

Thomas J. Reynolds, Chairman

Anthony L. Agnitti, Vice Chairman

James P. Regan, Secretary

Selectmen
or
Members
of the
Municipal
Light
Board

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

SS

20

Then personally appeared

And severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and belief.

Notary Public or
Justice of the Peace

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