

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,

2019

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, 2019, 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
April 1, 2020

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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: | Joseph C. Sullivan
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) | \$7,734,102,167 |
| 9. | Tax rate for all purposes during the year: | |
| | Residential | \$9.86 |
| | Commercial/Industrial/Personal Property | \$21.81 |
| 10. | Amount of manager's salary: | \$208,000 |
| 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	66,550,000	
3		TOTAL 66,550,000	
4			
5	EXPENSES		
6	For operation, maintenance and repairs	51,250,000	
7	For interest on bonds, notes or scrip	3,500,000	
8	For depreciation fund (3 % 261,442,714 as per page 8B)	7,843,281	
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		TOTAL 62,593,281	
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	1,850,000	
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	16,523

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	58,750,000
			6,180,000	15-May-21	4.80%	5/15/2021	
			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	58,750,000

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

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

* Date of meeting and whether regular or special

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

Town Notes							
(Issued on Account of Gas or Electric Lighting.)							
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
March 1892	May 1892	30,000					
October 1896	October 1896	3,000					
November 1899	November 1899	2,500					
January 1900	January 1900	26,000					
June 1900	June 1900	5,000					
May 2006	November 2006	8,500,000					
June 2007	June 2007	12,000,000					
November 2007	November 2007	65,500,000					
June 2008	June 2008	33,864,420					
TOTAL		119,930,920				TOTAL	0

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

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

* Date of meeting and whether regular or special

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

TOTAL COST OF PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.		effect of such amounts.			
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	631,438					631,438
8	311 Structures and Improvements	11,152,298					11,152,298
9	312 Boiler Plant Equipment	4,352,889					4,352,889
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	11,888,823					11,888,823
12	315 Accessory Electric Equipment	3,265,424					3,265,424
13	316 Miscellaneous Power Plant Equipment	1,051,258					1,051,258
15	Total Steam Production Plant	32,342,130	0	0	0	0	32,342,130
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	13,490,660	234,867				13,725,527
13	342 Fuel Holders, Producers and Accessories	10,032,960					10,032,960
14	343 Prime Movers	27,767,545					27,767,545
15	344 Generators	45,659,619					45,659,619
16	345 Accessory Electric Equipment	14,015,437					14,015,437
17	346 Miscellaneous Power Plant Equipment	2,281,845					2,281,845
18	Total Other Production Plant	113,248,066	234,867	0	-	0	113,482,933
19	Total Production Plant	145,590,196	234,867	0	-	0	145,825,063
20	3. Transmission Plant						
21	350 Land and Land Rights	258,361					258,361
22	351 Clearing Land and Rights of Way	107,653					107,653
23	352 Structures and Improvements	3,162,818					3,162,818
24	353 Station Equipment	16,448,193	287,822				16,736,015
25	354 Towers and Fixtures	545,982					545,982
26	355 Poles and Fixtures	212,981					212,981
27	356 Overhead Conductors and Devices	2,719,932					2,719,932
28	357 Underground Conduit	3,011,359					3,011,359
29	358 Underground Conductors and Devices	3,472,418	313				3,472,731
30	359 Roads and Trails	12,524					12,524
31	Total Transmission Plant	29,952,221	288,135	0	0	0	30,240,356

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	2,242,643	4,000				2,246,643
4	362 Station Equipment	6,020,829					6,020,829
5	363 Storage Battery Equipment	2,669,969	84,432				2,754,401
6	364 Poles Towers and Fixtures	6,535,969	545,646	(10,968)			7,070,647
7	365 Overhead Conductors and Devices	3,945,443	108,941	(123,325)			3,931,059
8	366 Underground Conduit	8,861,533					8,861,533
9	367 Underground Conductors and Devices	11,695,294	557,671	(110,574)			12,142,391
10	368 Line Transformers	9,248,781	468,682	(147,745)			9,569,718
11	369 Services	539,221					539,221
12	370 Meters	5,349,062	253,095	(1,332)			5,600,825
13	371 Installations on Customer's Premises	489,608		(1,716)			487,892
14	372 Leased Prop on Customer's Premises	-					
15	373 Streetlight and Signal Systems	1,441,266	24,190	(1,842)			1,463,614
16	Total Distribution Plant	59,074,618	2,046,657	(397,502)	0	0	60,723,773
17	5. GENERAL PLANT						
18	389 Land and Land Rights						
19	390 Structures and Improvements						
20	391 Office Furniture and Equipment	6,737,078	34,356				6,771,434
21	392 Transportation Equipment	2,585,617	492,771	(103,236)			2,975,152
22	393 Stores Equipment	28,408					28,408
23	394 Tools, Shop and Garage Equipment	87,036					87,036
24	395 Laboratory Equipment	26,132					26,132
25	396 Power Operated Equipment	13,602					13,602
26	397 Communication Equipment	14,422,053	953,413				15,375,466
27	398 Miscellaneous Equipment	271,215	29,876				301,091
28	399 Other Tangible Property	0					
29	Total General Plant	24,171,141	1,510,416	(103,236)	0	0	25,578,321
30	Total Electric Plant in Service	258,788,176	4,080,075	(500,738)	0	0	262,367,513
31					Total Cost of Electric Plant.....		262,367,513
33					Less Cost of Land, Land Rights, Rights of Way.....		924,799
34					Total Cost upon which Depreciation is based		261,442,714
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)	136,094,513	132,441,912	(3,652,601)
3	101	Utility Plant - Gas (P. 20)			
4					
5		Total Utility Plant	136,094,513	132,441,912	(3,652,601)
6					
7					
8					
9					
10		FUND ACCOUNTS			
11	123	Investment in Affiliated Company	496,796	0	(496,796)
12	125	Construction Fund	0	0	0
13	126	Depreciation Fund (P. 14)	2,518,360	4,309,152	1,790,792
14	128	Other Special Funds	9,698,951	11,749,749	2,050,798
15		Total Funds	12,714,107	16,058,901	3,344,794
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	10,372,803	9,931,262	(441,541)
18	132	Special Deposits	902,286	1,010,048	107,762
19	135	Working Funds	2,500	2,500	0
20	141	Notes Receivable			
21	142	Customer Accounts Receivable	2,387,811	2,443,241	55,430
22	143	Other Accounts Receivable	1,179,028	1,087,055	(91,973)
23	146	Receivables from Municipality	17,507	55,042	37,535
24	151	Materials and Supplies (P. 14)	4,347,783	4,989,175	641,392
25					
26	165	Prepayments	358,773	355,265	(3,508)
27	174	Miscellaneous Current Assets	3,673,605	3,613,776	(59,829)
28		Total Current and Accrued Assets	23,242,096	23,487,364	245,268
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	13,862,499	16,800,213	2,937,714
33		Total Deferred Debits	13,862,499	16,800,213	2,937,714
34					
35		Total Assets and Other Debits	185,913,215	188,788,390	2,875,175

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	69,631,500	75,506,500	5,875,000
6	207	Appropriations for Construction Repayments	46,169	46,169	0
7	208	Unappropriated Earned Surplus (P. 12)	(4,251,022)	(10,737,684)	(6,486,662)
8		Total Surplus	65,426,647	64,814,985	(611,662)
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	64,625,000	58,750,000	(5,875,000)
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	64,625,000	58,750,000	(5,875,000)
15		CURRENT AND ACCRUED LIABILITIES			
16	232	Accounts Payable	4,070,581	4,727,552	656,971
17	233	Capital Lease	0	103,133	103,133
18	234	Payables to Municipality	0	0	0
19	235	Customers' Deposits	2,141,765	2,072,602	(69,163)
20	236	Taxes Accrued	0	0	0
21	237	Interest Accrued	396,169	351,123	(45,046)
22	242	Miscellaneous Current and Accrued Liabilities	298,322	403,484	105,162
23		Total Current and Accrued Liabilities	6,906,837	7,657,894	751,057
24		DEFERRED CREDITS			
25	251	Unamortized Premium on Debt	11,334,230	9,914,804	(1,419,426)
26	252	Customer Advances for Construction	0	0	0
27	253	Other Deferred Credits	3,911,799	3,865,904	(45,895)
28		Total Deferred Credits	15,246,029	13,780,708	(1,465,321)
29		RESERVES			
30	260	Reserves for Uncollectible Accounts	90,282	104,603	14,321
31	261	Property Insurance Reserve	0	0	0
32	262	Injuries and Damages Reserves	0	0	0
33	263	Pensions and Benefits Reserves	24,121,456	33,214,040	9,092,584
34	265	Miscellaneous Operating Reserves	8,382,354	9,343,989	961,635
35		Total Reserves	32,594,092	42,662,632	10,068,540
36		CONTRIBUTIONS IN AID OF			
37		CONSTRUCTION			
38	271	Contributions in Aid of Construction	1,114,610	1,122,171	7,561
39		Total Liabilities and Other Credits	185,913,215	188,788,390	2,875,175

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)	61,676,473	(3,332,590)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	43,092,257	(2,290,293)
5	402 Maintenance Expense	4,947,033	(1,003,176)
6	403 Depreciation Expense	7,732,676	177,981
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)		
10	Total Operating Expenses	55,771,966	(3,115,488)
11	Operating Income	5,904,507	(217,102)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	5,904,507	(217,102)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	794,613	343,813
17	419 Interest Income	108,096	17,096
18	421 Miscellaneous Nonoperating Income (P. 21)	120,348	(854,748)
19	Total Other Income	1,023,057	(493,839)
20	Total Income	6,927,564	(710,941)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(36,169)	(3,055)
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(36,169)	(3,055)
25	Income Before Interest Charges	6,963,733	(707,886)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	2,918,756	(288,594)
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt - Credit	(708,686)	45,803
30	431 Other Interest Expense	13,698	5,114
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	2,223,768	(237,677)
33	NET INCOME	4,739,965	(470,209)

EARNED SURPLUS

Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		(4,251,022)
35			
36			
37	433 Balance Transferred from Income		4,739,965
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	9,501,177	
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)	(10,737,684)	
43			
44	TOTALS	488,943	488,943

CASH BALANCES AT END OF YEAR			Page 14
Line No.	Items (a)	Amount (b)	
1	Operation Fund	9,931,262	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12		TOTAL	9,931,262
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)	4,989,175	
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	4,989,175	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	2,518,360	
26	Income during year from balance on deposit (interest)	79,929	
27	Amount transferred from income (depreciation)	3,691,000	
28			
29	TOTAL	6,289,289	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	1,980,137	
32	Amounts expended for renewals,viz:-		
33	Power Contract Settlement		
34			
35			
36			
37			
38			
39	Balance on hand at end of year	4,309,152	
40	TOTAL	6,289,289	

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				631,438
8	311 Structures and Improvements	190,136	0	190,136			0
9	312 Boiler Plant Equipment	12,456	0				12,456
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	0	0	0			0
12	315 Accessory Electric Equipment	231,032	0	97,963			133,069
13	316 Miscellaneous Power Plant Equipment	269,032	0	31,538			237,494
15	Total Steam Production Plant	1,334,094	0	319,637	0	0	1,014,457
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	9,918,400	234,867	404,720			9,748,547
13	342 Fuel Holders, Producers and Accessories	6,666,341	0	300,989			6,365,352
14	343 Prime Movers	19,710,029	0	933,026			18,777,003
15	344 Generators	30,886,452	0	2,000,164		0	28,886,288
16	345 Accessory Electric Equipment	9,765,965	0	420,463			9,345,502
17	346 Miscellaneous Power Plant Equipment	1,602,484	0	68,455			1,534,029
18	Total Other Production Plant	78,549,671	234,867	4,127,817	0	0	74,656,721
19	Total Production Plant	79,883,765	234,867	4,447,454	0	0	75,671,178
20	3. Transmission Plant						
21	350 Land and Land Rights	223,681	0	7,751			215,930
22	351 Clearing Land and Rights of Way	0	0	0			0
23	352 Structures and Improvements	1,016,237	0	94,885			921,352
24	353 Station Equipment	9,041,180	287,822	493,446			8,835,556
25	354 Towers and Fixtures	203,297	0	16,379			186,918
26	355 Poles and Fixtures	0	0	0			0
27	356 Overhead Conductors and Devices	1,762,676	0	81,598			1,681,078
28	357 Underground Conduit	225,114	0	90,341			134,773
29	358 Underground Conductors and Devices	1,050,108	313	104,173			946,248
30	359 Roads and Trails	0	0	0			0
31	Total Transmission Plant	13,522,293	288,135	888,573	0	0	12,921,855

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	1,307,590	4,000	67,279			1,244,311
4	362 Station Equipment	3,031,510	0	180,625			2,850,885
5	363 Storage Battery Equipment	2,669,968	84,432	0			2,754,400
6	364 Poles Towers and Fixtures	4,068,068	545,646	196,079			4,417,635
7	365 Overhead Conductors and Devices	63,320	108,941	13,706			158,555
8	366 Underground Conduit	1,302,221	0	265,846			1,036,375
9	367 Underground Conductors and Devices	5,829,385	557,671	455,518			5,931,538
10	368 Line Transformers	4,762,344	468,682	277,463			4,953,563
11	369 Services	0	0	0			0
12	370 Meters	3,666,438	253,095	160,472			3,759,061
13	371 Installations on Customer's Premises	66,362	0	14,688			51,674
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	1,444,559	24,190	43,238			1,425,511
16	Total Distribution Plant	28,211,765	2,046,657	1,674,914	0	0	28,583,508
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0			0
19	390 Structures and Improvements	0	0	0			0
20	391 Office Furniture and Equipment	3,136,738	34,356	202,111			2,968,983
21	392 Transportation Equipment	2,376,754	492,771	77,568			2,791,957
22	393 Stores Equipment	15,822	0	852			14,970
23	394 Tools, Shop and Garage Equipment	0	0	0			0
24	395 Laboratory Equipment	0	0	0			0
25	396 Power Operated Equipment	5,476	0	408			5,068
26	397 Communication Equipment	8,826,789	953,413	432,660			9,347,542
27	398 Miscellaneous Equipment	115,111	29,876	8,136			136,851
28	399 Other Tangible Property	0	0	0			0
29	Total General Plant	14,476,690	1,510,416	721,735	0	0	15,265,371
30	Total Electric Plant in Service	136,094,513	4,080,075	7,732,676	0	0	132,441,912
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	0	0	0		0	0
34	Total Utility Plant Electric	136,094,513	4,080,075	7,732,676	0	0	132,441,912

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	(95,713)	
2	Income from ENE	216,061	
3			
4			
5			
6	TOTAL	120,348	
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	5,875,000	
25	Broadband Division Transfer	3,626,177	
26			
27			
28			
29			
30			
31			
32	TOTAL	9,501,177	
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)	10,729,992	1,581,346	0.1474
6					
7					
8		TOTALS	10,729,992	1,581,346	0.1474
9	444-1	Street Lighting	1,399,087	415,100	0.2967
10					
11					
12		TOTALS	1,399,087	415,100	0.2967
13		TOTALS	12,129,079	1,996,446	0.1646

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	15,088,122	\$ 346,607	0.0230
21	MMWEC Seabrook	Substation	66,897,657	2,120,541	0.0317
22	Energy New England	Braintree, MA	255,606,732	14,728,993	0.0576
23	ISO New England Interchange	115 KV	1,884,309	6,957,153	3.6922
24	Ameresco Solar		2,322,975	248,320	0.1069
25	Campanelli Solar		2,849,948	230,627	0.0809
26	66 Brooks Drive Solar (Archdiocese)		1,052,408	94,717	0.0900
27	Duke Energy / Potter DG		372,808	95,301	0.2556
28	PTF Credit			(2,482,198)	N/A
29	National Grid			143,130	N/A
30	Forward Reserve Credit			193,586	N/A
31	Rate Stabilization Transfer			689,155	N/A
32					
33					
34					
35					
		TOTALS	346,074,959	\$ 23,365,932	0.0675

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	90,874	\$ 134,568	1.4808
33	North Attleboro Electric Dept. (Potter)	Substation	205,879	305,673	1.4847
34	Hingham Municipal Light (Watson)	Braintree, MA	1,097,926	1,541,811	1.4043
35	Concord Municipal (Watson)	115 KV	960,685	1,349,086	1.4043
36	Taunton Municipal Light (Watson)		1,097,926	1,541,812	1.4043
37	Wellesley Municipal Light (Watson)		1,097,926	1,541,812	1.4043
38	Reading Municipal Light (Watson)		1,097,926	1,541,812	1.4043
39	Chicopee Electric Light (Watson)		1,097,926	1,541,812	1.4043
40	New Hampshire Electric Coop (Watson)		1,235,167	1,722,141	1.3943
41		TOTALS	7,982,235	\$ 11,220,527	1.4057

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

ELECTRIC OPERATING REVENUES (Account 400)

meter readings are added for billing purposes, one customer should be counted only once. Unmetered sales should be included below. The details of such sales should be counted for each group of meters so added. The average residential sales should be given in a footnote.

of customers means the average of the 12 figures at the close of the year. 5. Classification on Commercial and Industrial Sales, Account 442, should be given by month. If the customer count in the residential service classification is Large (or Industrial) may be according to the basis of classification used. Includes customers counted more than once because of specific use regularly used by the respondent if such basis of classification is not used. For services, such as water heating, etc., indicate in a footnote the greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	16,224,301	(724,317)	113,299,501	(6,950,877)	13,965	31
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	28,509,920	(782,216)	186,342,878	(6,055,314)	2,412	(14)
5	Large Commercial C Sales	2,937,146	40,630	21,311,586	39,422	6	0
6	444 Municipal Sales	1,581,130	(12,398)	10,729,992	(150,354)	126	3
7	445 Street Lighting	415,100	(100)	1,399,087	(12,428)		
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Sales	115,694	1,980	949,445	11,850	211	0
11	Total Sales to Ultimate Consumers	49,783,291	(1,476,421)	334,032,489	(13,117,701)	16,720	20
12	447 Sales for Resale	11,220,527	(2,135,924)	7,982,235	(19,964,259)	9	0
13	Total Sales of Electricity*	61,003,818	(3,612,345)	342,014,724	(33,081,960)	16,729	20
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	593,011	27,771				
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	92,794	57,223				
21							
22	ISP Revenues						
23	Miscellaneous Adjustments to Sales	(13,150)	194,761				
24							
25	Total Other Operating Revenues	672,655	279,755				
26	Total Electric Operating Revenue	61,676,473	(3,332,590)				

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	108,224,187	\$15,521,277	0.1434	13,541	13,485
2		A1C Controlled Water Heating	5,010,755	\$693,901	0.1385	482	471
3		AS Distributed Generation	64,559	\$9,123	0.1413	8	9
4	442	G1 Small General Service	64,544,019	\$10,585,048	0.1640	2,236	2,224
5		E1 Economic Development	4,509,809	\$564,006	0.1251	1	3
6		G2 Large General Service	100,549,071	\$14,923,210	0.1484	163	164
7		H1 Commercial Heating and Cooling	16,739,979	\$2,437,656	0.1456	21	21
8		P1 Industrial	21,311,586	\$2,937,146	0.1378	8	6
9	444	MG1 Municipal	2,181,731	\$357,889	0.1640	108	109
10		MG2 Municipal	7,013,341	\$1,008,687	0.1438	14	14
11		MH1 Municipal	1,534,920	\$214,554	0.1398	3	3
12		Street Lighting	1,399,087	\$415,100	0.2967	1	1
14		L1 Area Lighting	949,445	\$115,694	0.1219	210	210
15							
16							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			334,032,489	49,783,291	0.1490	16,796	16,720

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	229,581	(80,350)
5	501 Fuel	575,894	(51,878)
6	502 Steam Expenses	730,730	(26,600)
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	1,536,205	(158,828)
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	583,690	186,649
16	512 Maintenance of boiler plant	377,994	(183,437)
17	513 Maintenance of electric plant	315,932	(726,948)
18	514 Maintenance of miscellaneous steam plant	158,144	(6,138)
19	Total Maintenance	1,435,760	(729,874)
20	Total power production expenses -steam power	2,971,965	(888,702)
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 or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	251,480	1,234
13	547 Fuel	619,853	(2,422,714)
14	548 Generation Expenses	954,893	(185,435)
15	549 Miscellaneous other power generation expense	365,887	(1,089)
16	550 Rents	0	0
17	Total Operation	2,192,113	(2,608,004)
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	760,293	94,702
21	553 Maintenance of generating and electric plant	1,036,601	(176,079)
22	554 Maintenance of miscellaneous other power generation plant	33,164	(53,287)
23	Total Maintenance	1,830,058	(134,664)
24	Total power production expenses - other power	4,022,171	(2,742,668)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	23,365,932	(755,555)
27	556 System control and load dispatching	0	0
28	557 Other expenses	289,703	5,666
29	Total other power supply expenses	23,655,635	(749,889)
30	Total power production expenses	30,649,771	(4,381,259)
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	107,911	36,009
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	73,981	24,465
48	573 Maintenance of miscellaneous transmission plant	40,541	(265)
49	Total maintenance	222,433	60,209
50	Total transmission expenses	222,433	60,209

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	256,743	22,513
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	0	0
6	583 Overhead line expenses	36,494	6,373
7	584 Underground line expenses	0	0
8	585 Street lighting and signal system expenses	151,499	10,312
9	586 Meter expenses	3,850	1,166
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	207,375	29,426
12	589 Rents	0	0
13	Total operation	655,961	69,790
14	Maintenance:		
15	590 Maintenance supervision and engineering	101,232	(37,444)
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	167,837	(30,286)
18	593 Maintenance of overhead lines	1,646,445	(25,018)
19	594 Maintenance of underground lines	779,378	(164,115)
20	595 Maintenance of line transformers	0	0
21	596 Maintenance of street lighting and signal systems	141,252	7,616
22	597 Maintenance of meters	287,177	(15,169)
23	598 Maintenance of miscellaneous distribution plant	1,404	(143,408)
24	Total maintenance	3,124,725	(407,824)
25	Total distribution expenses	3,780,686	(338,034)
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	832,377	103,554
31	904 Uncollectible accounts	76,451	1,451
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	908,828	105,005
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	609,995	(51,938)
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	609,995	(51,938)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	2,060,425	473,798
44	921 Office supplies and expenses	11,357	1,423
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	189,826	(138,891)
47	924 Property insurance	614,177	27,243
48	925 Injuries and damages	22,514	22,514
49	926 Employee pensions and benefits	7,813,061	734,190
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	554,970	44,740
53	931 Rents	0	0
54	Total operation	11,266,330	1,165,017

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	386,548	134,522	
4	933 Transportation expense	214,699	13,014	
5	Total administrative and general expenses	11,867,577	1,312,553	
6	Total Electric Operation and Maintenance Expenses	48,039,290	(3,293,464)	
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:	1,536,205	1,435,760	2,971,965
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power	4,022,171		4,022,171
13	Other Power Supply Expenses	23,655,635		23,655,635
14	Total power production expenses	29,214,011	1,435,760	30,649,771
15	Transmission Expenses	222,433		222,433
16	Distribution Expenses	655,961	3,124,725	3,780,686
17	Customer Accounts Expenses	908,828		908,828
18	Sales Expenses	609,995		609,995
19	Administrative and General Expenses	11,481,029	386,548	11,867,577
20	Total Electric Operation and			
21	Maintenance Expenses	43,092,257	4,947,033	48,039,290
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)			90.43%
23	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			\$10,137,892
24	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			81

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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44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415) Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				794,613
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0	0	0	794,613
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	794,613

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								
17								
18								
19								
20								
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41								
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
								12
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								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42

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

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

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

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

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

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
								10
								11
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								36
								37
								38
								39
								40
								41
	TOTALS:	0	-	-	-	-		42

INTERCHANGE POWER (Included in Account 555)

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

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other 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	-

B. Details of Settlement for Interchange Power

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

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation	
3	Steam Gas Turbine Combined Cycle	14,932,170
4	Nuclear	
5	Hydro	
6	Other Diesel, Fuel Cell	0
7	Total Generation	14,932,170
8	Purchases	344,190,650
9	(In (gross)	1,884,309
10	Interchanges < Out (gross)	0
11	(Net (Kwh)	1,884,309
12	(Received	
13	Transmission for/by others (wheeling) < Delivered	
14	(Net (Kwh)	
15	TOTAL	361,007,129
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	334,032,489
18	Sales for resale	7,982,235
19	Energy furnished without charge (station use)	4,052,857
20	Energy used by the company (excluding station use):	
21	Electric department only	1,454,335
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	
25	Unaccounted for losses 3.74%	13,485,213
26	Total energy losses	13,485,213
27	Energy losses as percent of total on line 15	
28	TOTAL	361,007,129

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	65,950	Mon	21	6:00pm	60 min	34,405,380
30	February	57,880	Fri	1	8:00am	"	30,236,940
31	March	55,590	Thur	7	12:00pm	"	30,311,870
32	April	45,970	Tue	9	1:00pm	"	26,191,550
33	May	48,550	Mon	20	4:00pm	"	25,682,140
34	June	62,970	Fri	28	4:00pm	"	28,412,380
35	July	80,720	Tue	30	3:00pm	"	37,404,630
36	August	77,450	Mon	19	4:00pm	"	34,101,690
37	September	62,980	Mon	23	5:00pm	"	27,175,810
38	October	49,590	Wed	2	12:00pm	"	26,433,440
39	November	51,110	Wed	13	5:00pm	"	28,127,630
40	December	56,610	Thur	19	10:00pm	"	32,523,669
41						TOTAL	361,007,129

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 2019
46				

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."

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.

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

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
88	103.25	13.82	130.38	21.51		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
3,952,910	4,236,288	558,432	5,294,273	890,267		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
\$403,094	\$186,165	\$80,353	\$227,326	\$126,009		26
						27
						28
						29
						30
						31
\$403,094.00	\$186,165.00	\$80,353.00	\$227,326.00	\$126,009.00		32
0.10197	0.04395	0.14389	0.04294	0.14154		33
Gas	Gas	Oil	Gas	Oil		34
M Cu. Ft.	M Cu. Ft.	bbls.	M Cu. Ft.	bbls.		35
						36
50,720	69,015	978	76,747	1,533		37
						38
1,036.24	1036.24		1036.24			39
7.95	2.70	82.16	2.96	82.20		40
7.95	2.70	82.16	2.96	82.20		41
						42
0.10197	0.04395	0.14389	0.04294	0.14154		43
						44
						45
						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							
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11							
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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
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											34
											35
											36
TOTALS											37

Note references:

*Report cross-compound turbine-generator units on two lines -- H.P. section and L.P. section.

+ Indicate tandem-compound (T.C.); cross-compound (C.C.); all single casing (S.C.); topping unit (T), and noncondensing (N.C.). Show back pressures.

** Designate air cooled generators.

++ If other than 3 phase, 60 cycle, indicate other characteristics.

*+ 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							
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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
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										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							
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37							
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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 (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
									1
									2
									3
									4
									5
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									35
									36
									37
									38
TOTALS								0	39

GENERATING STATION STATISTICS (Small Stations)

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								
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42								
43								
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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:	12,506	17,408	2,365	310,424
17	Additions during year				
18	Purchased		0		
19	Installed	35	200	62	17,000
20	Associated with utility plant acquired				
21	Total Additions	35	200	62	17,000
22	Reductions during year:				
23	Retirements	5	67	47	9,128
24	Associated with utility plant sold				
25	Total Reductions	5	67	47	9,128
26	Number at end of year	12,536	17,541	2,380	318,296
27	In stock		110	140	24,650
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		17,431	2,240	293,646
31	In company's use				
32	Number at end of year		17,541	2,380	318,296

*

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	46.92	64.00	13.8kv		
2						
3						
4						
5						
6						
7						
8	Note: UG cable miles revised in 2017 to reflect GPS number					
9						
10						
11						
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13						
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32						
33						
34						
49	TOTALS	46.92	0.00	64.00	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	4,147	42		3,889		65	151	0	
2										
3										
4										
5										
6										
7										
8										
9										
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41										
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44										
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46										
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48										
49										
50										
51										
52	TOTALS	4147	42	0	3889	0	65	151	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 2019*****		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



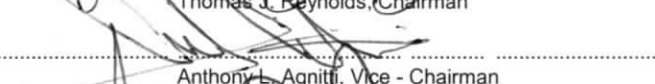
William G. Bottiggi

Mayor

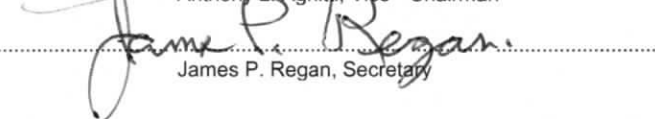


Thomas J. Reynolds, Chairman

Manager of Electric Light Dept.



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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