

# 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,

**2022**

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

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

This report is intended solely for the information and use of 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  
May 18, 2023

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## GENERAL INFORMATION

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- |     |   |  |
|-----|---|--|
| 1.  | Name of town (or city) making report.   | Braintree  |
| 2.  | If the town (or city) has acquired a plant,<br>Kind of plant, whether gas or electric.<br>Owner from whom purchased, if so acquired.<br>Date of votes to acquire a plant in accordance with the provisions of<br>chapter 164 of the General Laws.<br>Record of votes: First vote: Yes, 119; No, 3 Second vote: Yes, 146; No, 5<br>Date when town (or city) began to sell gas and electricity, | Electric<br><br><br><br><br><br>July 1893  |
| 3.  | Name and address of manager of municipal lighting:  | William Bottiggi<br>150 Potter Road<br>Braintree, MA 02184                                     |
| 4.  | Name and address of mayor or selectmen:   | Charles Kokoros<br>1 JFK Memorial Drive<br>Braintree, MA 02184                                 |
| 5.  | Name and address of town (or city) treasurer:   | Edward Spellman<br>1 JFK Memorial Drive<br>Braintree, MA 02184                                 |
| 6.  | Name and address of town (or city) clerk:   | James Casey<br>1 JFK Memorial Drive<br>Braintree, MA 02184                                     |
| 7.  | Names and addresses of members of municipal light board:  | Anthony Agnitti Braintree, MA<br>James Regan Braintree, MA<br>Thomas J. Reynolds Braintree, MA |
| 8.  | Total valuation of estates in town (or city) according to last State valuation<br>(taxable)   | \$8,988,462,174  |
| 9.  | Tax rate for all purposes during the year:  | Residential \$9.76<br>Commercial/Industrial/Personal Property \$21.18 / \$21.11                |
| 10. | Amount of manager's salary:   | \$243,285  |
| 11. | Amount of manager's bond:   | \$100,000  |
| 12. | Amount of salary paid to members of municipal light board (each):   | \$100  |

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

		Amount
<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	From sales of gas	
2	From sales of electricity	65,000,000
3		
	<b>TOTAL</b>	65,000,000
4		
<b>EXPENSES</b>		
6	For operation, maintenance and repairs	49,000,000
7	For interest on bonds, notes or scrip	1,834,875
8	For depreciation fund ( 3 %                      262,327,785    as per page 8B)	7,869,834
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13		
	<b>TOTAL</b>	58,704,709
14		
<b>COST:</b>		
16	Of gas to be used for municipal buildings	
17	Of gas to be used for street lights	
18	Of electricity to be used for municipal buildings	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	16,527
<b>TOTAL</b>	0	<b>TOTAL</b>	16,527



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	40,090,000
			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	40,090,000

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  
 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) or (d) as appropriate.  
 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		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	10,377,450	27,911	0	0	0	10,405,361
9	312 Boiler Plant Equipment	0	0	0	0	0	0
10	313 Engines and Engine Driven Generators	0	0	0	0	0	0
11	314 Turbogenerator Units	10,764,350	0	0	0	0	10,764,350
12	315 Accessory Electric Equipment	2,815,884	0	0	0	0	2,815,884
13	316 Miscellaneous Power Plant Equipment	621,578	0	0	0	0	621,578
15	Total Steam Production Plant	25,210,700	27,911	0	0	0	25,238,611
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	11,474,524	0	0	0	0	11,474,524
13	342 Fuel Holders, Producers and Accessories	9,962,797	0	0	0	0	9,962,797
14	343 Prime Movers	26,516,790	0	0	0	0	26,516,790
15	344 Generators	46,495,789	4,465,479	0	0	0	50,961,268
16	345 Accessory Electric Equipment	13,982,287	0	0	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	110,714,032	4,465,479	0	0	0	115,179,511
19	Total Production Plant	135,924,732	4,493,390	0	0	0	140,418,122
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	3,316,250	0	0	0	0	3,316,250
24	353 Station Equipment	17,349,125	375,053	0	0	0	17,724,178
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	2,717,703	0	0	0	0	2,717,703
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	31,004,668	375,053	0	0	0	31,379,721

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	2,315,406	0	0	0	0	2,315,406
4	362 Station Equipment	6,056,296	500	0	0	0	6,056,796
5	363 Storage Battery Equipment	2,754,401	9,535	0	0	0	2,763,936
6	364 Poles Towers and Fixtures	7,789,646	377,957	(19,616)	0	0	8,147,987
7	365 Overhead Conductors and Devices	4,049,744	351,585	(102,567)	0	0	4,298,762
8	366 Underground Conduit	8,861,533	116,670	0	0	0	8,978,203
9	367 Underground Conductors and Devices	12,870,554	180,875	0	0	0	13,051,429
10	368 Line Transformers	10,214,487	191,088	(63,446)	0	0	10,342,129
11	369 Services	539,221	0	0	0	0	539,221
12	370 Meters	5,789,024	105,250	(11,848)	0	0	5,882,426
13	371 Installations on Customer's Premises	487,760	0	(924)	0	0	486,836
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	1,499,792	23,291	(9,529)	0	0	1,513,554
16	Total Distribution Plant	63,262,864	1,356,751	(207,930)	0	0	64,411,685
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	6,792,159	201,646	0	0	0	6,993,805
21	392 Transportation Equipment	3,599,322	46,693	(210,959)	0	0	3,435,056
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	15,754,629	356,700	0	0	0	16,111,329
27	398 Miscellaneous Equipment	455,341	0	0	0	0	455,341
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	26,756,629	605,039	(210,959)	0	0	27,150,709
30	Total Electric Plant in Service	256,948,893	6,830,233	(418,889)	0	0	263,360,237
31							Total Cost of Electric Plant..... 263,360,237
33							Less Cost of Land, Land Rights, Rights of Way..... 1,032,452
34							Total Cost upon which Depreciation is based ..... 262,327,785

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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<b>COMPARATIVE BALANCE SHEET Assets and Other Debits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	123,181,999	122,334,735	(847,264)
3	101	Utility Plant - Gas (P. 20)			
4					
5		Total Utility Plant	123,181,999	122,334,735	(847,264)
6					
7					
8					
9					
10		<b>FUND ACCOUNTS</b>			
11	123	Investment in Affiliated Company	0	0	0
12	125	Construction Fund	0	0	0
13	126	Depreciation Fund (P. 14)	8,918,389	11,765,921	2,847,532
14	128	Other Special Funds	13,614,779	11,580,851	(2,033,928)
15		Total Funds	22,533,168	23,346,772	813,604
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	8,223,708	9,916,660	1,692,952
18	132	Special Deposits	1,094,693	1,097,572	2,879
19	135	Working Funds	2,500	2,500	0
20	141	Notes Receivable			
21	142	Customer Accounts Receivable	3,377,565	3,815,081	437,516
22	143	Other Accounts Receivable	1,160,530	1,653,591	493,061
23	146	Receivables from Municipality	66,182	141,984	75,802
24	151	Materials and Supplies (P. 14)	4,776,200	4,892,361	116,161
25					
26	165	Prepayments	720,188	805,580	85,392
27	174	Miscellaneous Current Assets	3,396,853	3,755,364	358,511
28		Total Current and Accrued Assets	22,818,419	26,080,693	3,262,274
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	12,858,645	13,627,562	768,917
33		Total Deferred Debits	12,858,645	13,627,562	768,917
34					
35		Total Assets and Other Debits	181,392,231	185,389,762	3,997,531

<b>COMPARATIVE BALANCE SHEET Liabilities and Other Credits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction			0
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment	87,651,500	94,166,500	6,515,000
6	207	Appropriations for Construction Repayments	46,169	46,169	0
7	208	Unappropriated Earned Surplus (P. 12)	(12,384,830)	(8,994,708)	3,390,122
8		Total Surplus	75,312,839	85,217,961	9,905,122
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	46,605,000	40,090,000	(6,515,000)
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	46,605,000	40,090,000	(6,515,000)
15		<b>CURRENT AND ACCRUED LIABILITIES</b>			
16	232	Accounts Payable	5,449,874	6,711,821	1,261,947
17	233	Capital Lease	0	0	0
18	234	Payables to Municipality	0	0	0
19	235	Customers' Deposits	2,434,716	2,354,869	(79,847)
20	236	Taxes Accrued	0	0	0
21	237	Interest Accrued	282,361	250,563	(31,798)
22	242	Miscellaneous Current and Accrued Liabilities	493,492	332,710	(160,782)
23		Total Current and Accrued Liabilities	8,660,443	9,649,963	989,520
24		<b>DEFERRED CREDITS</b>			
25	251	Unamortized Premium on Debt	7,206,006	5,918,369	(1,287,637)
26	252	Customer Advances for Construction	0	0	0
27	253	Other Deferred Credits	8,598,792	14,181,592	5,582,800
28		Total Deferred Credits	15,804,798	20,099,961	4,295,163
29		<b>RESERVES</b>			
30	260	Reserves for Uncollectible Accounts	89,191	143,081	53,890
31	261	Property Insurance Reserve	0	0	0
32	262	Injuries and Damages Reserves	0	0	0
33	263	Pensions and Benefits Reserves	21,123,377	18,553,541	(2,569,836)
34	265	Miscellaneous Operating Reserves	12,749,374	10,625,526	(2,123,848)
35		Total Reserves	33,961,942	29,322,148	(4,639,794)
36		<b>CONTRIBUTIONS IN AID OF</b>			
37		<b>CONSTRUCTION</b>			
38	271	Contributions in Aid of Construction	1,047,209	1,009,729	(37,480)
39		Total Liabilities and Other Credits	181,392,231	185,389,762	3,997,531

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

<b>STATEMENT OF INCOME FOR THE YEAR</b>			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	64,286,119	3,265,242
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	40,655,032	944,886
5	402 Maintenance Expense	6,013,762	(47,756)
6	403 Depreciation Expense	7,677,497	(212,263)
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)		
10	Total Operating Expenses	54,346,291	684,867
11	Operating Income	9,939,828	2,580,375
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	9,939,828	2,580,375
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	2,620,314	456,771
17	419 Interest Income	283,647	274,606
18	421 Miscellaneous Nonoperating Income (P. 21)	47,208	(61,294)
19	Total Other Income	2,951,169	670,083
20	Total Income	12,890,997	3,250,458
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	(37,481)	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(37,481)	0
25	Income Before Interest Charges	12,928,478	3,250,458
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	2,102,201	(277,237)
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt - Credit	(576,898)	44,548
30	431 Other Interest Expense	(1,947)	(5,269)
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	1,523,356	(237,958)
33	<b>NET INCOME</b>	11,405,122	3,488,416
<b>EARNED SURPLUS</b>			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		(12,384,830)
35			
36			
37	433 Balance Transferred from Income		11,405,122
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	6,515,000	
40	436 Appropriations of Surplus (P. 21)	1,500,000	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	(8,994,708)	
43			
44	<b>TOTALS</b>	(979,708)	(979,708)

<b>CASH BALANCES AT END OF YEAR</b>		<b>Page 14</b>	
Line No.	Items (a)	Amount (b)	
1	Operation Fund	9,916,660	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	<b>TOTAL</b>	9,916,660	
<b>MATERIALS AND SUPPLIES (Accounts 151-159, 163)</b>			
<b>Summary per Balance Sheet</b>			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151 ) (See Schedule, Page 25)		
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	4,892,361	
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	4,892,361	0
<b>DEPRECIATION FUND ACCOUNT (Account 126)</b>			
Line No.	(a)	Amount (b)	
24	<b>DEBITS</b>		
25	Balance of account at beginning of year	8,918,389	
26	Income during year from balance on deposit (interest)	202,721	
27	Amount transferred from income (depreciation)	3,700,000	
28			
29	<b>TOTAL</b>	12,821,110	
30	<b>CREDITS</b>		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	1,055,189	
32	Amounts expended for renewals,viz:-		
33	Power Contract Settlement		
34			
35			
36			
37			
38			
39	Balance on hand at end of year	11,765,921	
40	<b>TOTAL</b>	12,821,110	



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	8,179,744	0	344,236	0	0	7,835,508
13	342 Fuel Holders, Producers and Accessories	5,645,243	0	298,884	0	0	5,346,359
14	343 Prime Movers	17,010,951	0	795,504	0	0	16,215,447
15	344 Generators	26,136,307	4,465,479	1,724,845	0	0	28,876,941
16	345 Accessory Electric Equipment	8,640,701	0	419,469	0	0	8,221,232
17	346 Miscellaneous Power Plant Equipment	1,397,119	0	68,455	0	0	1,328,664
18	Total Other Production Plant	67,010,065	4,465,479	3,651,393	0	0	67,824,151
19	Total Production Plant	67,815,921	4,493,390	3,651,393	0	0	68,657,918
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	0	0	0	0	0	0
23	352 Structures and Improvements	885,014	0	99,488	0	0	785,526
24	353 Station Equipment	8,334,243	375,053	933,746	0	0	7,775,550
25	354 Towers and Fixtures	154,160	0	16,379	0	0	137,781
26	355 Poles and Fixtures	0	0	0	0	0	0
27	356 Overhead Conductors and Devices	1,517,882	0	87,920	0	0	1,429,962
28	357 Underground Conduit	0	0	0	0	0	0
29	358 Underground Conductors and Devices	737,508	0	104,558	0	0	632,950
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	11,887,168	375,053	1,242,091	0	0	11,020,130

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	35,000	0	0	0	0	35,000
3	361 Structures and Improvements	1,142,046	0	69,462	0	0	1,072,584
4	362 Station Equipment	2,524,038	500	181,689	0	0	2,342,849
5	363 Storage Battery Equipment	2,671,768	9,535	82,632	0	0	2,598,671
6	364 Poles Towers and Fixtures	4,743,448	377,957	233,689	0	0	4,887,716
7	365 Overhead Conductors and Devices	350,093	351,585	121,492	0	0	580,186
8	366 Underground Conduit	504,683	116,670	265,846	0	0	355,507
9	367 Underground Conductors and Devices	6,109,146	180,875	470,594	0	0	5,819,427
10	368 Line Transformers	5,192,640	191,088	306,435	0	0	5,077,293
11	369 Services	0	0	0	0	0	0
12	370 Meters	3,657,473	105,250	189,848	0	0	3,572,875
13	371 Installations on Customer's Premises	22,404	0	14,633	0	0	7,771
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	1,373,377	23,291	44,994	0	0	1,351,674
16	Total Distribution Plant	28,326,116	1,356,751	1,981,314	0	0	27,701,553
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	2,583,384	201,646	206,376	0	0	2,578,654
21	392 Transportation Equipment	3,480,174	46,693	108,764	0	0	3,418,103
22	393 Stores Equipment	13,266	0	852	0	0	12,414
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	4,252	0	408	0	0	3,844
26	397 Communication Equipment	8,803,307	356,700	472,639	0	0	8,687,368
27	398 Miscellaneous Equipment	268,411	0	13,660	0	0	254,751
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	15,152,794	605,039	802,699	0	0	14,955,134
30	Total Electric Plant in Service	123,181,999	6,830,233	7,677,497	0	0	122,334,735
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	123,181,999	6,830,233	7,677,497	0	0	122,334,735

**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.

<b>MISCELLANEOUS NONOPERATING INCOME (Account 421)</b>		<b>Page 21</b>
Line No.	Item (a)	Amount (b)
1	Income from ENE	47,208
2		
3		
4		
5		
6	<b>TOTAL</b>	47,208
<b>OTHER INCOME DEDUCTIONS (Account 426)</b>		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	0
<b>MISCELLANEOUS CREDITS TO SURPLUS (Account 434)</b>		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	0
<b>MISCELLANEOUS DEBITS TO SURPLUS (Account 435)</b>		
Line No.	Item (a)	Amount (b)
24	Premium Bond Payments	6,515,000
25		
26		
27		
28		
29		
30		
31		
32	<b>TOTAL</b>	6,515,000
<b>APPROPRIATIONS OF SURPLUS (Account 436)</b>		
Line No.	Item (a)	Amount (b)
33	In Lieu of Tax Payments to Town	1,500,000
34		
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	1,500,000

**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		<b>TOTALS</b>			
		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)	11,283,885	1,735,680	0.1538
6					
7					
8		<b>TOTALS</b>	11,283,885	1,735,680	0.1538
9	444-1	Street Lighting	1,401,181	273,821	0.1954
10					
11					
12		<b>TOTALS</b>	1,401,181	273,821	0.1954
13		<b>TOTALS</b>	12,685,066	2,009,501	0.1584

**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	12,962,539	\$ 630,495	0.0486
21	MMWEC Seabrook	Substation	66,988,631	1,842,014	0.0275
22	Energy New England	Braintree, MA	232,670,045	12,704,598	0.0546
23	ISO New England Interchange	115 KV	5,616,892	4,333,034	0.7714
24	Landfill Solar Array		1,565,574	190,266	0.1215
25	Braintree High School Solar Array		778,514	70,530	0.0906
26	Campanelli Solar		2,876,924	243,432	0.0846
27	66 Brooks Drive Solar (Archdiocese)		1,155,786	118,164	0.1022
28	Duke Energy (PotterDG/Fireking)		2,625,310	547,749	0.2086
29	Rate Stabilization Transfer		0	(2,337,224)	N/A
30	National Grid		0	83,047	N/A
31					
32					
33					
34					
35					
36					
		<b>TOTALS</b>	327,240,215	\$ 18,426,105	0.0563

**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 (Watson)	Braintree, MA	3,476,720	\$ 2,099,664	0.6000
33	Concord Municipal (Watson)	115 KV	3,042,130	1,837,206	0.6000
34	Taunton Municipal Light (Watson)		3,476,720	2,099,664	0.6039
35	Wellesley Municipal Light (Watson)		3,476,720	2,099,664	0.6039
36	Reading Municipal Light (Watson)		3,476,720	2,099,664	0.6039
37	Chicopee Electric Light (Watson)		3,476,720	2,099,664	0.6039
38	New Hampshire Electric Coop (Watson)		964,949	1,366,327	1.4160
39	Hingham Municipal Light (Potter)		0	95,933	N/A
40	North Attleboro Electric Dept. (Potter)		0	217,342	N/A
41		<b>TOTALS</b>	21,390,679	\$ 14,015,128	0.6552



**SALES OF ELECTRICITY TO ULTIMATE CONSUMERS**

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440	A1 Residential	114,943,034	\$16,955,800	0.1475	13,641	13,588
2		A1C Controlled Water Heating	4,167,608	\$596,968	0.1432	412	399
3		AS Distributed Generation	132,710	\$19,291	0.1454	14	19
4	442	G1 Small General Service	59,709,047	\$10,096,085	0.1691	2,209	2,198
5		E1 Economic Development	4,564,920	\$593,115	0.1299	1	1
6		G2 Large General Service	93,888,417	\$14,401,834	0.1534	168	169
7		H1 Commercial Heating and Cooling	13,913,475	\$2,107,667	0.1515	21	21
8		P1 Industrial	18,123,904	\$2,569,674	0.1418	5	5
9	444	MG1 Municipal	2,572,803	\$433,342	0.1684	114	113
10		MG2 Municipal	7,185,962	\$1,077,419	0.1499	11	11
11		MH1 Municipal	1,525,120	\$224,919	0.1475	3	3
12		Street Lighting	1,401,181	\$273,821	0.1954	1	1
14		L1 Area Lighting	972,013	\$118,936	0.1224	210	210
15							
16							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			323,100,194	49,468,872	0.1531	16,810	16,738

**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	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	Operation:		
4	500 Operation supervision and engineering	194,853	17,741
5	501 Fuel	0	14,400
6	502 Steam Expenses	625,413	8,936
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	820,266	41,077
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	503,186	133,807
16	512 Maintenance of boiler plant	80,278	(79,323)
17	513 Maintenance of electric plant	147,643	(18,623)
18	514 Maintenance of miscellaneous steam plant	37,666	(40,027)
19	Total Maintenance	768,773	(4,166)
20	Total power production expenses -steam power	1,589,039	36,911
21	<b>NUCLEAR POWER GENERATION</b>		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	<b>HYDRAULIC POWER GENERATION</b>		
42	Operation:		
43	535 Operation supervision and engineering	0	0
44	536 Water for power	0	0
45	537 Hydraulic expenses	0	0
46	538 Electric expenses	0	0
47	539 Miscellaneous hydraulic power generation expenses	0	0
48	540 Rents	0	0
49	Total Operation	0	0

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	<b>OTHER POWER GENERATION</b>		
11	Operation:		
12	546 Operation supervision and engineering	231,056	23,550
13	547 Fuel	3,899,656	1,777,096
14	548 Generation Expenses	1,680,712	430,134
15	549 Miscellaneous other power generation expense	449,591	68,929
16	550 Rents	0	0
17	Total Operation	6,261,015	2,299,709
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	560,643	47,753
21	553 Maintenance of generating and electric plant	1,391,077	(13,161)
22	554 Maintenance of miscellaneous other power generation plant	250,574	160,187
23	Total Maintenance	2,202,294	194,779
24	Total power production expenses - other power	8,463,309	2,494,488
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	18,426,105	(4,572,637)
27	556 System control and load dispatching	0	0
28	557 Other expenses	159,052	(44,852)
29	Total other power supply expenses	18,585,157	(4,617,489)
30	Total power production expenses	28,637,505	(2,086,090)
31	<b>TRANSMISSION EXPENSES</b>		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	962,011	55,084
35	562 Station expenses	47,710	1,960
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	1,009,721	57,044
42	Maintenance:		
43	568 Maintenance supervision and engineering	66,737	(3,807)
44	569 Maintenance of structures	0	(141,235)
45	570 Maintenance of station equipment	100,168	44,386
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	57,465	33,868
48	573 Maintenance of miscellaneous transmission plant	48,378	6,471
49	Total maintenance	272,748	(60,317)
50	Total transmission expenses	1,282,469	(3,273)

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	194,269	(14,865)
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	0	0
6	583 Overhead line expenses	38,446	(9,844)
7	584 Underground line expenses	0	0
8	585 Street lighting and signal system expenses	167,276	5,993
9	586 Meter expenses	17,155	8,269
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	197,388	24,205
12	589 Rents	0	0
13	Total operation	614,534	13,758
14	Maintenance:		
15	590 Maintenance supervision and engineering	168,931	6,846
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	78,022	33,968
18	593 Maintenance of overhead lines	1,804,541	(178,543)
19	594 Maintenance of underground lines	1,211,634	47,122
20	595 Maintenance of line transformers	0	0
21	596 Maintenance of street lighting and signal systems	177,823	(2,986)
22	597 Maintenance of meters	365,660	22,846
23	598 Maintenance of miscellaneous distribution plant	190,669	76,922
24	Total maintenance	3,997,280	6,175
25	Total distribution expenses	4,611,814	19,933
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	(29,130)	(58,260)
30	903 Customer records and collection expenses	810,404	(10,062)
31	904 Uncollectible accounts	77,600	101,898
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	858,874	33,576
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	954,970	299,845
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	954,970	299,845
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	1,997,342	102,806
44	921 Office supplies and expenses	7,015	(304)
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	133,040	(37,160)
47	924 Property insurance	1,224,675	(124,837)
48	925 Injuries and damages	12,226	9,486
49	926 Employee pensions and benefits	5,063,043	1,830,485
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	435,031	82,424
53	931 Rents	0	0
54	Total operation	8,872,372	1,862,900

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES - Cont.</b>			
2	Maintenance:			
3	932 Maintenance of general plant	1,247,709	(49,765)	
4	933 Transportation expense	203,081	(22,388)	
5	Total administrative and general expenses	10,323,162	1,790,744	
6	Total Electric Operation and Maintenance Expenses	46,668,794	897,130	
<b>SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES</b>				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
7	<b>Power Production Expenses</b>			
8	Electric Generation:			
9	Steam Power:	820,266	768,773	1,589,039
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power	8,463,309		8,463,309
13	Other Power Supply Expenses	18,585,157		18,585,157
14	Total power production expenses	27,868,732	768,773	28,637,505
15	Transmission Expenses	1,282,469		1,282,469
16	Distribution Expenses	614,534	3,997,280	4,611,814
17	Customer Accounts Expenses	858,874		858,874
18	Sales Expenses	954,970		954,970
19	Administrative and General Expenses	9,075,453	1,247,709	10,323,162
20	Total Electric Operation and			
21	Maintenance Expenses	40,655,032	6,013,762	46,668,794
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)			84.54%
23	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			\$11,791,536
24	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			79



<b>OTHER UTILITY OPERATING INCOME (Account 414)</b>					<b>Page 50</b>
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				

<b>INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)</b> Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				2,620,314
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0	0	0	2,620,314
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	2,620,314



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)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42



PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.  
5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).  
6. The number of kilowatt hours purchased should be the quantities shown by the power bills.  
7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.	
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)			
** NONE**								1	
								2	
								3	
								4	
								5	
								6	
								7	
								8	
								9	
								10	
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								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	<b>SOURCES OF ENERGY</b>						
2	Generation						
3	Steam Gas Turbine Combined Cycle	34,767,200					
4	Nuclear						
5	Hydro						
6	Other Diesel, Fuel Cell	0					
7	Total Generation	34,767,200					
8	Purchases	321,623,323					
9	( In (gross)	5,616,892					
10	Interchanges < Out (gross)						
11	( Net (Kwh)						5,616,892
12	( Received						
13	Transmission for/by others (wheeling) < Delivered						
14	( Net (Kwh)						
15	<b>TOTAL</b>						<b>362,007,415</b>
16	<b>DISPOSITION OF ENERGY</b>						
17	Sales to ultimate consumers (including interdepartmental sales)	323,100,194					
18	Sales for resale	21,390,679					
19	Energy furnished without charge (station use)	3,354,931					
20	Energy used by the company (excluding station use):						
21	Electric department only	819,370					
22	Energy losses						
23	Transmission and conversion losses						
24	Distribution losses						
25	Unaccounted for losses 3.69%					13,342,241	
26	Total energy losses						13,342,241
27	Energy losses as percent of total on line 15						
28	<b>TOTAL</b>						<b>362,007,415</b>

**MONTHLY PEAKS AND OUTPUT**

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

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

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

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

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

**Town of BRAINTREE**  
Monthly Peak

Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh)
29	January	56,890	Tue	11	5:00pm	60 min	35,446,911
30	February	54,480	Tue	1	10:00am	"	29,525,514
31	March	50,730	Tue	1	11:00am	"	30,513,808
32	April	41,520	Wed	6	2:00pm	"	23,774,244
33	May	58,150	Sun	22	4:00pm	"	27,495,402
34	June	59,860	Sun	26	3:00pm	"	28,727,423
35	July	72,580	Fri	22	2:00pm	"	37,964,241
36	August	75,590	Tue	9	2:00pm	"	37,442,456
37	September	50,420	Thu	1	5:00pm	"	25,595,732
38	October	41,700	Thu	13	1:00pm	"	24,389,758
39	November	45,900	Mon	21	10:00am	"	26,917,903
40	December	51,350	Wed	28	6:00pm	"	34,214,023
41						<b>TOTAL</b>	<b>362,007,415</b>

**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 term 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 501and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
		<b>POTTER I</b>	<b>DIESEL</b>	<b>POTTER II</b>
1	Kind of plant (steam, hydro, int. com., gas turbine)	Steam	I.C.	Gas Turbine C.C.
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	Conventional	Conventional	Oil Production
3				Conventional
4	Year originally constructed	1959	1977	1977
5	Year last unit was installed	1959	1977	1977
6	Total installed capacity (maximum 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
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	<b>Total cost</b>	<b>\$3,121,193</b>	<b>\$755,082</b>	<b>\$22,212,504</b>
22	<b>Cost per kw of installed capacity</b>	<b>\$250</b>	<b>\$302</b>	<b>\$228</b>
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	<b>Total production expenses</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0</b>
33	<b>Expenses per net Kwh (5 places)</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>
34	Fuel: Kind			Oil
35	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	Station was	Diesel Unit was	bbls.
36		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, 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 in 2022
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."

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.
<b>POTTER II</b>	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
0.00	243.13	148.24	250.28	167.46		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
0	10,286,623	6,531,887	10,493,636	7,455,054		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
<b>\$228</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		22
						23
						24
\$0	\$907,850	\$936,859	\$988,925	\$1,066,022		25
						26
						27
						28
						29
						30
						31
<b>\$0.00</b>	<b>\$907,850.00</b>	<b>\$936,859.00</b>	<b>\$988,925.00</b>	<b>\$1,066,022.00</b>		32
<b>#DIV/0!</b>	<b>0.08826</b>	<b>0.14343</b>	<b>0.09424</b>	<b>0.14299</b>		33
Gas	Gas	Oil	Gas	Oil		34
M Cu. Ft.	M Cu. Ft.	bbls.	M Cu. Ft.	bbls.		35
						36
0	93,818	11,110	96,397	12,532		37
						38
1,036.24	1036.24		1036.24			39
0.00	9.68	84.33	10.26	85.06		40
0.00	9.68	84.33	10.26	85.06		41
						42
0.00000	0.08826	0.14343	0.09424	0.14299		43
						44
Unit did not run in 2022						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							
5							
6							
7							
8							
9							
10		Potter 2 threw a turbine blade on June 30, 2020 during testing causing catastrophic damage to the turbine / rotor and is being de-commissioned.					
11							
12							
13							
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34							
35							
36							
37							

Note Reference:

\* Indicates reheat boilers thusly, 1050/1000.

**STEAM GENERATING STATIONS -- Continued**

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name or lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

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

**Turbine-Generators\***

Year Installed (h)	Type (l)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				1977	SC	620	3,600				
1977	SC	620	3,600	78,000	78,000	0.5#	15.0#	0.9	13.8	78,000	2
											3
											4
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											36
<b>TOTALS</b>											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							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	*** NONE ***						
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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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. (l)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Fre- quency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
		*** NONE ***							1	
									2	
									3	
									4	
									5	
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									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	Thomas Watson Unit 1	Potter Road	Comb. Turbine	Siemens-Energy	2009	N/A	Direct
2	Thomas Watson Unit 2	Potter Road	Comb. Turbine	Siemens-Energy	2009	N/A	Direct
3							
4							
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**COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued**  
(except nuclear stations)

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

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

Prime Movers -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
									1
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<b>TOTALS</b>									0 39



<b>TRANSMISSION LINE STATISTICS</b>								
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								
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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											
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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	104.58		104.58
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles - End of Year	104.58		104.58
5				
6				
7				
8				
9				
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11				
12				
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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:	11,046	18,179	2,555	356,064
17	Additions during year:				
18	Purchased		646	64	33,225
19	Installed	51	12	31	4,130
20	Associated with utility plant acquired				
21	Total Additions	51	658	95	37,355
22	Reductions during year:				
23	Retirements	8	596	33	2,613
24	Associated with utility plant sold				
25	Total Reductions	8	596	33	2,613
26	Number at end of year	11,089	18,241	2,617	390,806
27	In stock		700	168	51,480
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		17,541	2,449	339,326
31	In company's use				
32	Number at end of year		18,241	2,617	390,806

\*

<b>CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)</b> Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	UNDERGROUND DISTRIBUTION SYSTEM	47.50	62.11	13.8kv		
2						
3						
4						
5						
6						
7						
8	Note: UG cable miles revised in 2017 to reflect GPS number					
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32						
33						
34						
49	TOTALS	47.50	0.00	62.11		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	4,167	35		3,914		69	149	0	
2										
3										
4										
5										
6										
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51										
52	TOTALS	4167	35	0	3914	0	69	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 2022*****		



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