

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

the Town of

GROTON

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2018

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

Official title: Manager

Kevin Kelly

Office address: 23 Station Ave

Groton, MA 01450

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

The Board of Commissioners
Groton Electric Light Department
Groton, Massachusetts 01450

Management is responsible for the accompanying financial statements of Groton Electric Light Department which comprise the balance sheet as of December 31, 2018, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form. 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 these financial statements.

The financial statements included in the accompanying prescribed form are intended to comply 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.

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
March 20, 2019

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GENERAL INFORMATION**Page 3**

- | | | |
|-----|---|--|
| 1. | Name of town (or city) making report. | Groton |
| 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, 94; No, 8 Second vote: Yes, 105; No, 6
Date when town (or city) began to sell gas and electricity, | Electric

March 20, 1909
July 22, 1909

November 20, 1909 |
| 3. | Name and address of manager of municipal lighting:

Kevin Kelly c/o GELD - 23 Station Ave Groton, MA 01450 | |
| 4. | Name and address of mayor or selectmen:
Joshua A. Degen Groton, MA
John Giger Groton, MA
Barry A. Pease Groton, MA
Alison Manugian Groton, MA
Becky Pine Groton, MA | |
| 5. | Name and address of town (or city) treasurer:

Michael Hartnett Groton, MA | |
| 6. | Name and address of town (or city) clerk:

Michael Bouchard Groton, MA | |
| 7. | Names and addresses of members of municipal light board:

Rodney R. Hersh Groton, MA
Bruce Easom Groton, MA
Kevin J. Lindemer Groton, MA | |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 1,767,279,929 |
| 9. | Tax rate for all purposes during the year: | \$ 18.11 |
| 10. | Amount of manager's salary: | \$ 173,421 |
| 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.

	INCOME FROM PRIVATE CONSUMERS:			Amount
1	From sales of gas			
2	From sales of electricity			9,500,000
3	TOTAL			9,500,000
4				
5	EXPENSES			
6	For operation, maintenance and repairs			8,800,000
7	For interest on bonds, notes or scrip			
8	For depreciation fund (3 %	18,892,456	as per page 8B)	566,774
9	For sinking fund requirements			
10	For note payments			
11	For bond payments			122,350
12	For loss in preceding year			
13	TOTAL			9,489,124
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			675,000
19	Of electricity to be used for street lights			12,000
20	Total of above items to be included in the tax levy			687,000
21				
22	New construction to be included in the tax levy			
23	Total amounts to be included in the tax levy			687,000
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	
		Groton/West Groton	4,939	
		Littleton	6	
		Westford	5	
		Pepperell	16	
		Ayer	1	

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 12,000

2. Municipal buildings 675,000

3.

TOTAL 687,000

* 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: Not Applicable

In gas property: Not applicable

<div> <div> 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 </div> <div> TOTAL COST OF PLANT - ELECTRIC 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 </div> <div> effect of such amounts. 4. Reclassifications or transfers within utility plant accounts should be shown in column (f). </div> </div>							
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						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
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	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	0	0	0	0	0	0

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	852,002					852,002
3	361 Structures and Improvements	502,012					502,012
4	362 Station Equipment	1,774,778	9,890				1,784,668
5	363 Storage Battery Equipment	0					0
6	364 Poles Towers and Fixtures	2,251,492	112,536	(47,145)			2,316,883
7	365 Overhead Conductors and Devices	3,314,664	250,444				3,565,108
8	366 Underground Conduit	376,516	7,135				383,651
9	367 Underground Conductors and Devices	694,306	23,289				717,595
10	368 Line Transformers	1,218,437	103,557	(19,500)			1,302,494
11	369 Services	242,599					242,599
12	370 Meters	861,682	85,115	(76,415)			870,382
13	371 Installations on Customer's Premises	35,217					35,217
14	372 Leased Prop on Customer's Premises	17,393					17,393
15	373 Streetlight and Signal Systems	250,579	11,779				262,358
16	Total Distribution Plant	12,391,677	603,745	(143,060)	0	0	12,852,362
17	5. GENERAL PLANT						
18	389 Land and Land Rights	367,200		(1,200)			366,000
19	390 Structures and Improvements	4,723,854		(23,800)			4,700,054
20	391 Office Furniture and Equipment	138,547					138,547
21	392 Transportation Equipment	1,466,229	81,000				1,547,229
22	393 Stores Equipment	20,799					20,799
23	394 Tools, Shop and Garage Equipment	81,293					81,293
24	395 Laboratory Equipment	27,500					27,500
25	396 Power Operated Equipment	214,463					214,463
26	397 Communication Equipment	8,898					8,898
27	398 Miscellaneous Equipment	153,313					153,313
28	399 Other Tangible Property	0					0
29	Total General Plant	7,202,096	81,000	(25,000)	0	0	7,258,096
30	Total Electric Plant in Service	19,593,773	684,745	(168,060)	0	0	20,110,458
31	Total Cost of Electric Plant.....						20,110,458
33	Less Cost of Land, Land Rights, Rights of Way.....						1,218,002
34	Total Cost upon which Depreciation is based						18,892,456

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)	13,479,048	13,738,831	259,783
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	13,479,048	13,738,831	259,783
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	189,248	0	(189,248)
14	128	Other Special Funds	1,823,122	1,721,076	(102,046)
15		Total Funds	2,012,370	1,721,076	(291,294)
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	51,904	157,377	105,473
18	132	Special Deposits	256,692	240,651	(16,041)
19	135	Working Funds	500	500	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	922,107	1,011,502	89,395
22	143	Other Accounts Receivable	458,200	164,049	(294,151)
23	146	Receivables from Municipality	0	0	0
24	151	Materials and Supplies (P. 14)	510,709	474,715	(35,994)
25					
26	165	Prepayments	1,003,958	1,093,593	89,635
27	174	Miscellaneous Current Assets	8,256	8,256	0
28		Total Current and Accrued Assets	3,212,326	3,150,643	(61,683)
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	581,617	1,718,400	1,136,783
33		Total Deferred Debits	581,617	1,718,400	1,136,783
34					
35		Total Assets and Other Debits	19,285,361	20,328,950	1,043,589

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	0	0
3		SURPLUS			
4	205	Sinking Fund Reserves	0	0	0
5	206	Loans Repayment	1,514,160	1,636,510	122,350
6	207	Appropriations for Construction Repayments	0	0	0
7	208	Unappropriated Earned Surplus (P. 12)	7,606,702	7,347,388	(259,314)
8		Total Surplus	9,120,862	8,983,898	(136,964)
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	1,822,860	1,700,510	(122,350)
11	231	Notes Payable (P. 7)	0	0	0
12		Total Bonds and Notes	1,822,860	1,700,510	(122,350)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	1,366,485	1,395,245	28,760
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	239,569	222,776	(16,793)
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	0	0	0
19	242	Miscellaneous Current and Accrued Liabilities	235,474	246,373	10,899
20		Total Current and Accrued Liabilities	1,841,528	1,864,394	22,866
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	49,966	46,953	(3,013)
23	252	Customer Advances for Construction	122,250	42,153	(80,097)
24	253	Other Deferred Credits	194,170	448,030	253,860
25		Total Deferred Credits	366,386	537,136	170,750
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	0	0	0
28	261	Property Insurance Reserve	130,064	132,796	2,732
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	3,504,749	4,604,960	1,100,211
31	265	Miscellaneous Operating Reserves	1,693,058	1,588,280	(104,778)
32		Total Reserves	5,327,871	6,326,036	998,165
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	805,854	916,976	111,122
35		Total Liabilities and Other Credits	19,285,361	20,328,950	1,043,589

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)	10,359,699	987,983
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	9,350,619	1,256,989
5	402 Maintenance Expense	912,367	(5,982)
6	403 Depreciation Expense	461,106	15,017
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	10,724,092	1,266,024
11	Operating Income	(364,393)	(278,041)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	(364,393)	(278,041)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	281,527	240,145
17	419 Interest Income	35,583	9,157
18	421 Miscellaneous Nonoperating Income (P. 21)	0	(141,118)
19	Total Other Income	317,110	108,184
20	Total Income	(47,283)	(169,857)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(25,641)	(5,814)
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(25,641)	(5,814)
25	Income Before Interest Charges	(21,642)	(164,043)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	82,066	23,625
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	(3,013)	0
30	431 Other Interest Expense	3,549	1,833
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	82,602	25,458
33	NET INCOME	(104,244)	(189,501)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		7,606,702
35			
36			
37	433 Balance Transferred from Income	104,244	0
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	0	
40	436 Appropriations of Surplus (P. 21)	155,070	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	7,347,388	
43			
44	TOTALS	7,606,702	7,606,702

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	157,377	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12		TOTAL	157,377
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)	474,715	
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	474,715	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	189,248	
26	Income during year from balance on deposit (interest)	3,389	
27	Amount transferred from income (depreciation)	200,000	
28	Bond Proceeds	0	
29	TOTAL	392,637	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	270,137	
32	Amount expended for bond payment	122,500	
33			
34			
35			
36			
37			
38			
39	Balance on hand at end of year	0	
40	TOTAL	392,637	

UTILITY 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).		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)	Depreciation (d)	Other Credits (e)	Adjustments 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						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
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						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission 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	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	852,002	0	0		0	852,002
3	361 Structures and Improvements	322,710	0	12,550		0	310,160
4	362 Station Equipment	858,124	9,890	44,174		0	823,840
5	363 Storage Battery Equipment	0	0	0		0	0
6	364 Poles Towers and Fixtures	501,387	112,536	56,287		0	557,636
7	365 Overhead Conductors and Devices	2,024,159	250,444	82,867		0	2,191,736
8	366 Underground Conduit	208,887	7,135	9,413		0	206,609
9	367 Underground Conductors and Devices	468,953	23,289	17,340		0	474,902
10	368 Line Transformers	675,175	103,557	30,619		0	748,113
11	369 Services	7,747	0	6,065		0	1,682
12	370 Meters	776,643	85,115	25,775		0	835,983
13	371 Installations on Customer's Premises	28,773	0	880		0	27,893
14	372 Leased Prop on Customer's Premises	0	0	0		0	0
15	373 Streetlight and Signal Systems	74,685	11,779	4,264		-	82,200
16	Total Distribution Plant	6,799,245	603,745	290,234	0	0	7,112,756
17	5. GENERAL PLANT						
18	389 Land and Land Rights	367,200	0	0		(1,200)	366,000
19	390 Structures and Improvements	4,483,528	0	118,098		0	4,365,430
20	391 Office Furniture and Equipment	131,811	0	3,462		0	128,349
21	392 Transportation Equipment	1,324,282	81,000	36,656		0	1,368,626
22	393 Stores Equipment	11,477	0	520		0	10,957
23	394 Tools, Shop and Garage Equipment	21,601	0	2,032		0	19,569
24	395 Laboratory Equipment	10,135	0	687		0	9,448
25	396 Power Operated Equipment	89,955	0	5,362		0	84,593
26	397 Communication Equipment	8,454	0	222		0	8,232
27	398 Miscellaneous Equipment	110,170	0	3,833		0	106,337
28	399 Other Tangible Property	0	0	0		0	0
29	Total General Plant	6,558,613	81,000	170,872	0	(1,200)	6,467,541
30	Total Electric Plant in Service	13,357,858	684,745	461,106	0	(1,200)	13,580,297
31	104 Utility Plant Leased to Others	0				0	0
32	105 Property Held for Future Use	0				0	0
33	107 Construction Work in Progress	121,190	132,687	0	0	(95,343)	158,534
34	Total Utility Plant Electric	13,479,048	817,432	461,106	0	(96,543)	13,738,831

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	0				
2	Received During Year	0				
3	TOTAL	0				
4	Used During Year (Note A)	0				
5						
6						
7						
8						
9						
10						
11	Sold or Transferred	0				
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.

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	0
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		
25		
26		
27		
28		
29		
30		
31		
32		
	TOTAL	0
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Payment to Town in Lieu of Taxes	32,720
34	Loan Repayments	122,350
35		
36		
37		
38		
39		
40	TOTAL	155,070

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)	4,067,434	591,367	0.1454	
6						
7						
8						
9						
10						
11						
12		TOTALS	4,067,434	591,367	0.1454	
13	444-1	Street Lighting	77,759	7,847	0.1009	
14						
15						
16						
17						
18		TOTALS	77,759	7,847	0.1009	
19		TOTALS	4,145,193	599,214	0.1446	
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						
21						
22						
23						
24						
25						
26						
27						
28						
29			TOTALS	0	0	
SALES FOR RESALE (Account 447)						
Line No.	Names of Utilities to Which Electric Energy is sold (a)		Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30						
31						
32						
33						
34						
35						
36						
37						
38						
39			TOTALS	0	0	

<div> <div>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.</div> <div>2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</div> <div>3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.</div> <div>4. Unmetered sales should be included below. The details of such sales should be given in a footnote.</div> <div>5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification</div> </div>							
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	5,879,323	672,202	45,580,230	2,387,354	4,371	50
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	2,027,914	142,079	13,460,188	175,438	333	5
5	Large Commercial C Sales	1,293,776	38,829	8,639,400	25,200	3	0
6	444 Municipal Sales	599,214	46,271	4,145,193	151,033	70	8
7	445 Other Sales to Public Authorities	0	0	0	0	0	0
8	446 Sales to Railroads and Railways	0	0	0	0	0	0
9	448 Interdepartmental Sales	0	0	0	0	0	0
10	449 Miscellaneous Sales	133,911	16,426	916,121	103,841	49	2
11	Total Sales to Ultimate Consumers	9,934,138	915,807	72,741,132	2,842,866	4,826	65
12	447 Sales for Resale		0	0	0	0	0
13	Total Sales of Electricity*	9,934,138	915,807	72,741,132	2,842,866	4,826	65
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	129,735	(19,535)				
16	451 Miscellaneous Service Revenues	22,725	(5,136)				
17	453 Sales of Water and Water Power	0	0				
18	454 Rent from Electric Property	273,101	96,847				
19	455 Interdepartmental Rents	0	0				
20	456 Other Electric Revenues	0	0				
21							
22							
23							
24							
25	Total Other Operating Revenues	425,561	72,176				
26	Total Electric Operating Revenue	10,359,699	987,983				

* Includes revenues from application of fuel clauses \$

0

Total KWH to which applied

72,741,132

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	440.000	Domestic	42,730,445	5,515,306	0.1291	4,171	4,166
2	440.000	House Heating	2,683,436	344,693	0.1285	192	191
3	442.000	Commercial	12,979,730	1,960,735	0.1511	311	315
4	442.000	Large Commercial	8,639,400	1,293,776	0.1498	3	3
5	444.000	Street Lighting	77,759	7,847	0.1009	1	1
6	444.000	Municipal	4,067,434	591,367	0.1454	74	63
7	444.000	Not for Profit	730,258	104,219	0.1427	38	37
8	445.000	Private Yard Lights	185,863	29,692	0.1598	12	10
9	446.000	Residential Farm	166,349	19,324	0.1162	10	10
10	446.000	Commercial Farm	480,458	67,179	0.1398	20	20
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
	TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)		72,741,132	9,934,138	0.1366	4,832	4,816

ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
1. Enter in the space provided the operation and maintenance expenses for the year			
2. If the increases and decreases are not derived from previously reported figures, explain in footnote			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering	0	0
5	501 Fuel	0	0
6	502 Steam Expenses	0	0
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	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	0	0
16	512 Maintenance of boiler plant	0	0
17	513 Maintenance of electric plant	0	0
18	514 Maintenance of miscellaneous steam plant	0	0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
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	0	0
13	547 Fuel	0	0
14	548 Generation Expenses	0	0
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	0	0
21	553 Maintenance of generating and electric plant	0	0
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	3,983,334	(178,460)
27	556 System control and load dispatching	0	0
28	557 Other expenses	0	0
29	Total other power supply expenses	3,983,334	(178,460)
30	Total power production expenses	3,983,334	(178,460)
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	3,510,320	1,175,443
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	3,510,320	1,175,443
42	Maintenance:		
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	0	0
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	0	0
48	573 Maintenance of miscellaneous transmission plant	0	0
49	Total maintenance	0	0
50	Total transmission expenses	3,510,320	1,175,443

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	0	0
4	581 Load dispatching (Operation Labor) Transportation	34,531	(14,494)
5	582 Station expenses	4,051	(12,007)
6	583 Overhead line expenses	14,991	(8,488)
7	584 Underground line expenses	1,653	(18,369)
8	585 Street lighting and signal system expenses	0	0
9	586 Meter expenses	2,574	2,306
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	25,262	3,798
12	589 Rents	1,128	40
13	Total operation	84,190	(47,214)
14	Maintenance:		
15	590 Maintenance supervision and engineering	0	0
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	0	0
18	593 Maintenance of overhead lines	867,625	144,987
19	594 Maintenance of underground lines	2,712	(27,817)
20	595 Maintenance of line transformers	0	(88,103)
21	596 Maintenance of street lighting and signal systems	586	(2,594)
22	597 Maintenance of meters	23,486	(3,615)
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	894,409	22,858
25	Total distribution expenses	978,599	(24,356)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	84,305	11,057
30	903 Customer records and collection expenses	179,603	(40,225)
31	904 Uncollectible accounts	(393)	(327)
32	905 Miscellaneous customer accounts expenses	0	(945)
33	Total customer accounts expenses	263,515	(30,440)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	0	0
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	22,094	(742)
40	Total sales expenses	22,094	(742)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	281,006	10,272
44	921 Office supplies and expenses	80,885	23,220
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	66,579	27,689
47	924 Property insurance	62,073	(1,724)
48	925 Injuries and damages	14,440	10,429
49	926 Employee pensions and benefits	949,096	268,612
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	33,087	(96)
53	931 Rents	0	0
54	Total operation	1,487,166	338,402

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	17,958	(28,846)	
4	Total administrative and general expenses	1,505,124	309,556	
5	Total Electric Operation and Maintenance Expenses	10,262,986	1,251,001	
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	3,983,334	0	3,983,334
13	Total power production expenses	3,983,334		3,983,334
14	Transmission Expenses	3,510,320		3,510,320
15	Distribution Expenses	84,190	894,409	978,599
16	Customer Accounts Expenses	263,515		263,515
17	Sales Expenses	22,094		22,094
18	Administrative and General Expenses	1,487,166	17,958	1,505,124
19	Total Electric Operation and			
20	Maintenance Expenses	9,350,619	912,367	10,262,986
21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%) Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)			103.52%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			\$ 1,258,182
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			12

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.			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.			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.			
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			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.			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	NONE								
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS								

OTHER UTILITY OPERATING INCOME (Account 414)					
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1	NONE				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415) Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				0
3	allowances and returns				0
4	Contract work				281,527
5	Commissions				0
6	Other (list according to major classes)				0
7					
8					
9					
10	Total Revenues	0	0	0	281,527
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	281,527

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 an "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								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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41								

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
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
	TOTALS:	0	0.00	0.00		0.00		41

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	New York Power Authority	FP	X	LOWELL ROAD	RS	687		
2	Stonybrook Peaking	O		LOWELL ROAD	RS	1841		
3	Stonybrook Intermediate	O		LOWELL ROAD	RS	2756		
4	Nuclear Mix 1 (Seabrook)	O	X	LOWELL ROAD	RS	17		
5	Nuclear Mix 1 (Millstone)	O	X	LOWELL ROAD	RS	178		
6	Nuclear Project 3 (Millstone)	O	X	LOWELL ROAD	RS	113		
7	Nuclear Project 4 (Seabrook)	O	X	LOWELL ROAD	RS	368		
8	Nuclear Project 5 (Seabrook)	O	X	LOWELL ROAD	RS	45		
9	Project 6 (Seabrook)	O	X	LOWELL ROAD	RS	1050		
10	Transmission Charges							
11	Hydro Quebec	O	X	LOWELL ROAD	RS			
12	NEPCO	O		LOWELL ROAD	RS			
13	Seabrook System Power	DP		LOWELL ROAD	RS			
14	ISO OATT			LOWELL ROAD	RS			
15	System Power	DP						
16	Berkshire Wind Power Co-op	O	X	LOWELL ROAD	RS			
17	Hancock Wind							
18	Rate Stabilization							
19	Member Services							
20	Other Power Costs							
21	Surplus Funds							
22	Select Energy							
23	Solar Farm - Ameresco							
24	Berkshire Wind (Credit)							
25								
26								
27	Capacity Charges are reduced by Annual Flush of Funds for PSA Power Contracts							
28	Annual Flush of Funds for PSA Power Contracts and balance of Deferred Credits							
29								
30	** Includes transmission and administrative charges and decommissioning							
31								

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)		
60 MINUTES	69 kv	4,638,540	34,102	24,205	80,725	139,032	\$0.0300	1
60 MINUTES	69 kv	71,675	34,741	13,941	3,250	51,932	\$0.7245	2
60 MINUTES	69 kv	831,384	107,712	66,458	2,707	176,877	\$0.2128	3
60 MINUTES	69 kv	159,265	4,101	924	10	5,035	\$0.0316	4
60 MINUTES	69 kv	1,673,371	54,106	10,673	983	65,762	\$0.0393	5
60 MINUTES	69 kv	1,054,562	34,320	6,726	727	41,773	\$0.0396	6
60 MINUTES	69 kv	3,217,284	85,732	18,668	204	104,604	\$0.0325	7
60 MINUTES	69 kv	394,926	10,620	2,292	25	12,937	\$0.0328	8
60 MINUTES	69 kv	9,190,046	313,343	53,324	582	367,249	\$0.0400	9
								10
60 MINUTES	69 kv	0	0	0	16,057	16,057	N/A	11
60 MINUTES	69 kv	0	0	0	264,419	264,419	N/A	12
60 MINUTES	69 kv	2,031,848	0	88,090	0	88,090	N/A	13
60 MINUTES	69 kv	0	0	0	1,425,314	1,425,314	N/A	14
		13,416,000	0	786,371	0	786,371	\$0.0586	15
60 MINUTES	69 kv	2,507,880	343,917	0	0	343,917	\$0.1371	16
		1,380,918	(348)	66,129	27	65,808	\$0.0477	17
		0	0	0	22,544	22,544	N/A	18
		0	0	0	97,490	97,490	N/A	19
		0	0	0	97,733	97,733	N/A	20
		0	0	0	(15,318)	(15,318)	N/A	21
		0	0	0	(127,322)	(127,322)	N/A	22
		3,371,951	0	0	185,457	185,457	\$0.0550	23
					(232,427)	(232,427)	N/A	24
								25
								26
								27
								28
								29
								30
	TOTALS:	43,939,650	1,022,346	1,137,801	1,823,187	3,983,334		31

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

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	NEPEX		LOWELL ROAD	69kv	77,998,540	43,544,420	34,454,120	3,510,320
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
	TOTALS				77,998,540	43,544,420	34,454,120	3,510,320

Line No.	B. Details of Settlement for Interchange Power		
13			
14		Explanation	Amount
15	(i)	(j)	(k)
16	NEPEX	INTERCHANGE EXPENSE	3,369,029
17		NEPOOL EXPENSE	141,291
18			
19			
20			
21			
		TOTAL	3,510,320

ELECTRIC ENERGY ACCOUNT

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

Line. No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	0
8	Purchases	43,939,650
9	(In (gross)	77,998,540
10	Interchanges	43,544,420
11	(Net (Kwh)	34,454,120
12	(Received	
13	Transmission for/by others (wheeling)	< Delivered
14	(Net (Kwh)	0
15	TOTAL	78,393,770
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	72,741,132
18	Sales for resale	0
19	Energy furnished without charge	0
20	Energy used by the company (excluding station use):	
21	Electric department only	103,372
22	Energy losses	
23	Transmission and conversion losses	1,651,020
24	Distribution losses 4.97%	3,898,246
25	Unaccounted for losses	
26	Total energy losses	5,549,266
27	Energy losses as percent of total on line 7.08%	
28	TOTAL	78,393,770

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 Groton

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	15,137	Thursday	4	7:00 PM	60 min	7,450,727
30	February	12,995	Wednesday	7	7:00 PM	60 min	5,950,671
31	March	11,840	Wednesday	7	7:00 PM	60 min	6,212,499
32	April	10,348	Tuesday	3	8:00 PM	60 min	5,469,101
33	May	12,350	Thursday	31	7:00 PM	60 min	5,771,855
34	June	14,591	Saturday	30	4:00 PM	60 min	6,232,388
35	July	16,998	Tuesday	3	4:00 PM	60 min	8,038,905
36	August	17,327	Wednesday	29	8:00 PM	60 min	7,846,835
37	September	17,456	Monday	3	9:00 PM	60 min	6,378,311
38	October	11,216	Wednesday	10	9:00 PM	60 min	5,845,805
39	November	12,209	Thursday	22	12:00 PM	60 min	6,266,356
40	December	13,125	Thursday	13	7:00 PM	60 min	6,930,317
41						TOTAL	78,393,770

GENERATING STATIONS						Pages 58 through 66
GENERATING STATION STATISTICS (Large Stations)						Pages 58-59
(Except Nuclear)						
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
STEAM GENERATING STATIONS						Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
HYDROELECTRIC GENERATING STATIONS						Pages 62-63
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
COMBUSTION ENGINE AND OTHER GENERATING STATIONS						Pages 64-65
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						
GENERATING STATION STATISTICS (Small Stations)						Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1						
2						
3						
4						
5						
6						

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	None							
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
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33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				0		0	

* 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	Lowell Road	Lowell Road	69 KV	13.8 KV		50,000	2	1	Regulated	0	0
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	TOTALS					50,000	2	1			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	116.656		116.656
2	Added During Year	0.640		0.640
3	Retired During Year	0.000		0.000
4	Miles -- End of Year	117.296	0.00	117.296
5				
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
9	120/240	1	0 AC	
10	240/480	3	0 AC	
11	120/208	3	0 AC	
12	277/480	3	0 AC	
13	7970	1	0 AC	
14		3	0 AC	
15	2400	3	0 AC	

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:	4,788	5,548	1,837	70,525.0
17	Additions during year				
18	Purchased	0	355	33	710.0
19	Installed	49	0	48	1,525.0
20	Associated with utility plant acquired				
21	Total Additions	49	355	81	2,235.0
22	Reductions during year:				
23	Retirements	21	449	78	2,905.5
24	Associated with utility plant sold				
25	Total Reductions	21	449	78	2,905.5
26	Number at end of year	4,816	5,454	1,840	69,854.5
27	In stock		481	132	12,562.5
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		4,967	1,706	57,237.0
31	In company's use		6	2	55.0
32	Number at end of year		5,454	1,840	69,854.5

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)		Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable
				Miles * (c)	Operating Voltage (d)	Feet * (e) Operating Voltage (f)
1	Wiewel Extension	Fiber Duct	0.470	0.470	2,400	
2	Chapel Hill	do	0.100	0.100	13,800	
3	Lawrence Academy Disp. Plant	PVC	0.160	0.160	13,800	
4	Baker's Coveyway	Direct Burial		0.400	2,400	
5	Grainger Extension	do		0.060	2,400	
6	Longley Rd. Ext. - Manderson Ext.	do		0.200	2,400	
7	Gutteridge Extension	do		0.100	2,400	
8	Lawrence Academy Skating Rink	PVC	0.190	0.190	13,800	
9	Allan Friedrick Extension	Direct Burial		0.090	2,400	
10	Kenneth Young Extension	do		0.030	2,400	
11	Lowell Rd. Feeder - Fiber Duct &	do	0.050	0.080	13,800	
12	Baddacook Pond - Kimmens Feeder	do		0.150	2,400	
13	Baddacook Pond - Holland	do		0.230	2,400	
14	North Main Street Baptist Church	Conduit Pipe	0.040	0.040	13,800	
15	Main Street - Harvard Trust		0.030	0.030	13,800	
16	Flavell Road Extension	Direct Burial	1.004	1.000	2,400/13,800	
17	Higley Street - Lawrence Ext.	do		0.250	13,800	
18	Hemlock Park - Gutteridge	do		0.130	2,400/13,800	
19	Burnt Meadow - Black Ext. Plastic Duct	720		0.140	13,800	
20	Paquawket Path	do	0.730	0.730	7,960	
21	Throne Hill Road	do	0.440	0.440	7,960	
22	Valliria Drive	do	0.230	0.230	7,960	
23	Longley Road - Minor	do	0.104	0.104	7,960	
24	Longley Estates - II	do	0.470	0.470	7,960	
25	Nashua Hills	do	0.180	0.180	7,960	
26	Longley Road - Graco	do	0.130	0.130	7,960	
27	Laurel Road	do	0.360	0.360	7,960	
28	Augustine Drive	do	0.210	0.210	7,960	
29	Britt Lane	do	0.210	0.210	7,960	
30	Star House Lane	do	0.170	0.170	7,960	
31	Main Street (Insko)	do	0.080	0.080	15,000	
32	Stone Cleave	do	0.100	0.100	7,960	
33	Throne Hill Lot #27	do	0.040	0.040	7,960	
34	SUBTOTALS		5.498 Miles	7.304		0

*indicate number of conductors per cable

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)		Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable
				Miles * (c)	Operating Voltage (d)	Feet * (e) Operating Voltage (f)
1	New Pond Road	Plastic Duct	0.500	0.500	7,960	
2	Crosswinds	do	1.580	1.580	7,960	
3	Old Homestead	do	0.280	0.280	7,960	
4	Island Pond Road	do	0.120	0.120	7,960	
5	Fertledale	do	0.120	0.120	7,960	
6	Old Homestead II	do	0.150	0.150	7,960	
7	Farmers Row	do	0.060	0.060	7,960	
8	Carmichael	do	0.310	0.310	7,960	
9	McLains Woods	do	0.250	0.250	7,960	
10	Crosswinds II	do	1.560	1.560	7,960	
11	Martins Pond Road	do	0.060	0.060	7,960	
12	Castle Drive	do	0.500	0.500	7,960	
13	Regional School	do	0.660	0.660	13,800	
14	Brookfield Drive	do	0.160	0.160	7,960	
15	Fletcher Hill	do	0.280	0.280	7,960	
16	Fitch Bridge Estates	do	0.210	0.210	7,960	
17	Old Carriage Path	do	0.380	0.380	7,960	
18	Martins Pond Road	do	0.580	0.580	7,960	
19	Whiley Road	do	0.150	0.150	7,960	
20	Chicopee Row	do	0.060	0.060	7,960	
21	Castle Drive	do	0.060	0.060	7,960	
22	Main Street - Market	do	0.060	0.060	13,800	
23	Townsend Road - LA Valley	do	0.110	0.110	7,960	
24	Duck Pond Road	do	0.080	0.080	7,960	
25	Willow Dale	do	0.080	0.080	13,800	
26	Carriage Path	do	0.090	0.090	7,960	
27	Groton Woods (LA Combe)	do	0.410	0.410	13,800	
28	Lowell Road (Petapawaug)	do	0.030	0.030	13,800	
29	Castle Drive Lots 19&20	do	0.070	0.070	7,960	
30	Throne Hill Lot 28	do	0.220	0.220	7,960	
31	Cross Winds	do	0.040	0.040	7,960	
32	Watson Way	do	0.090	0.090	7,960	
33	Northwoods	do	0.586	0.410	7,960	
34	Whily Road	do	0.200	0.200	7,960	
35	Stone Bridge	do	0.080	0.080	7,960	
36	SUBTOTALS		15.674 Miles	17.304		0

*indicate number of conductors per cable

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)		Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable
				Miles * (c)	Operating Voltage (d)	Feet * (e) Operating Voltage (f)
1	Hawtree Lane	Plastic Duct	0.177	0.177	7,960	
2	Partidge Berry	Plastic Duct	0.869	0.869	13,800	
3	Meadows Brook	Plastic Duct	0.381	0.381	7,960	
4	Charles Road	Plastic Duct	0.063	0.063	7,960	
5	Common Street	Plastic Duct	0.081	0.081	7,960	
6	Fox Run	Plastic Duct	0.153	0.153	7,960	
7	Brown Lane	Plastic Duct	0.104	0.104	7,960	
8	Groton School	Plastic Duct	0.208	0.208	13,800	
9	N.Main Street	Plastic Duct	0.120	0.120	13,800	
10	Balcom Estates	Plastic Duct	0.221	0.221	7,960	
11	Spencer Circle	Plastic Duct	0.335	0.335	7,960	
12	Chicopee Row	Plastic Duct	0.062	0.062	7,960	
13	Smith Street	Plastic Duct	0.270	0.270	7,960	
14	Reedy Meadow	Plastic Duct	0.131	0.131	7,960	
15	Gay Hill	Plastic Duct	0.114	0.114	7,960	
16	High Street	Plastic Duct	0.033	0.033	7,960	
17	Little Hollow Road	Plastic Duct	0.244	0.244	7,960	
18	Lowell Road	Plastic Duct	0.145	0.145	7,960	
19	Kirk Farm Road	Plastic Duct	0.470	0.470	7,960	
20	Duck Pond Road	Plastic Duct	0.065	0.065	7,960	
21	Maura Lane	Plastic Duct	0.270	0.270	7,960	
22	Sandy Pond Road	Plastic Duct	0.130	0.130	7,960	
23	O'Neil Way	Plastic Duct	0.113	0.113	7,960	
24	River Bend Road	Plastic Duct	0.433	0.433	13,800	
25	Wintergreen Road	Plastic Duct	0.439	0.439	13,800	
26	Carmichael Way	Plastic Duct	0.211	0.211	7,960	
27	Hayden Road	Plastic Duct	0.046	0.046	7,960	
28	Shirley Street	Plastic Duct	0.061	0.061	7,960	
29	Fairway Drive	Plastic Duct	0.031	0.031	7,960	
30	Groton School	Plastic Duct	0.038	0.038	13,800	
31	Lovers Lane	Plastic Duct	0.097	0.097	7,960	
32	Indian Hill Road	Plastic Duct	0.085	0.085	7,960	
33	Kailey Way	Plastic Duct	0.622	0.622	7,960	
34	Sandy Pond Road	Plastic Duct	0.049	0.049	13,800	
35	Dolan Way	Plastic Duct	0.077	0.077	7,960	
36		SUBTOTALS	22.622 Miles	24.252		0

*indicate number of conductors per cable

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)		Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable
				Miles * (c)	Operating Voltage (d)	Feet * (e) Operating Voltage (f)
1	Boston Road	Plastic Duct	0.159	0.159	7,960	
2	Duck Pond Road	Plastic Duct	0.226	0.226	7,960	
3	Overlook Drive	Plastic Duct	0.097	0.097	7,960	
4	Chicopee Row	Plastic Duct	0.478	0.478	7,960	
5	Kirk Farm Road	Plastic Duct	0.163	0.163	7,960	
6	Nashua Road	Plastic Duct	0.544	0.544	7,960	
7	Acord Path	Plastic Duct	0.054	0.054	7,960	
8	Charles Way	Plastic Duct	0.073	0.073	7,960	
9	Orr Road	Plastic Duct	0.263	0.263	7,960	
10	Skyfield Drive	Plastic Duct	0.029	0.029	7,960	
11	Badacock Woods	Plastic Duct	0.380	0.380	7,960	
12	Bryan Wood	Plastic Duct	0.209	0.209	7,960	
13	Duck Pond	Plastic Duct	0.086	0.086	7,960	
14	Deer Haven	Plastic Duct	0.781	0.781	13,800	
15	Pacer Way	Plastic Duct	0.703	0.703	7,960	
16	Wintergreen	Plastic Duct	0.083	0.083	7,960	
17	Chicopee	Plastic Duct	0.129	0.129	7,960	
18	Burntmeadow	Plastic Duct	0.103	0.103	7,960	
19	Lovers Lane	Plastic Duct	0.075	0.075	7,960	
20	Ames Meadow	Plastic Duct	1.585	1.585	7,960	
21	Rockwood Lane	Plastic Duct	0.262	0.262	7,960	
22	Duck Pond Road	Plastic Duct	0.039	0.039	7,960	
23	Autumn Leaf Drive	Plastic Duct	0.152	0.152	7,960	
24	Boston Road	Plastic Duct	0.217	0.217	7,960	
25	Nicole Drive	Plastic Duct	0.248	0.248	7,960	
26	Burntmeadow	Plastic Duct	0.084	0.084	7,960	
27	Mill Street	Plastic Duct	0.155	0.155	7,960	
28	Integrity Way	Plastic Duct	0.158	0.158	7,960	
29	Hayden Road	Plastic Duct	0.038	0.038	7,960	
30	Northwoods	Plastic Duct	0.104	0.104	7,960	
31	Woodland Park	Plastic Duct	0.394	0.394	7,960	
32	Little Hollow Lane	Plastic Duct	0.046	0.046	7,960	
33						
34						
35						
	SUBTOTALS		30.739 Miles	32.369		0

*indicate number of conductors per cable

*indicate number of conductors per cable

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	High School Plastic Duct	0.059	0.059	7,960		
2	Main Street Plastic Duct	0.027	0.027	13,800		
3	Forge Village Road Plastic Duct	0.037	0.037	13,800		
4	Boston Road Plastic Duct	0.124	0.124	13,800		
5	Boston Road Plastic Duct	0.087	0.087	13,800		
6	Boston Road Plastic Duct	0.093	0.093	13,800		
7	Boston Road Plastic Duct	0.082	0.082	13,800		
8	Sandy Pond Road Plastic Duct	0.031	0.031	13,800		
9	Boston Road Plastic Duct	0.071	0.071	13,800		
10	Boston Road Plastic Duct	0.100	0.100	13,800		
11	Boston Road Plastic Duct	0.112	0.112	13,800		
12	Boston Road Plastic Duct	0.044	0.044	13,800		
13	Shaws Plastic Duct	0.033	0.033	13,800		
14	Cow Pond Brook Rd Plastic Duct	0.025	0.025	7,960		
15	Shaws Plastic Duct	0.045	0.045	13,800		
16	Kemp Street Plastic Duct	0.106	0.106	7,960		
17	Main Street Plastic Duct	0.167	0.167	13,800		
18	Lowell Road Plastic Duct	0.081	0.081	7,960		
19	Quail Ridge Road Plastic Duct	0.289	0.289	7,960		
20	Cherry Tree Lane Plastic Duct	0.024	0.024	7,960		
21	Hemlock Park Drive Plastic Duct	0.120	0.120	7,960		
22	Amadas Way Plastic Duct	0.186	0.186	7,960		
23	Cherry Tree Lane Plastic Duct	0.061	0.061	7,960		
24	Seven Hills Plastic Duct	0.030	0.030	13,800		
25	Residential Gardens Plastic Duct	0.035	0.035	13,800		
26	Robin Hill Road Plastic Duct	0.081	0.081	13,800		
27	Shirley Street Plastic Duct	0.057	0.057	13,800		
28	Cherry Tree Lane Plastic Duct	0.159	0.159	13,800		
29	Cherry Tree Lane Plastic Duct	0.030	0.030	13,800		
30	Cherry Tree Lane Plastic Duct	0.163	0.163	13,800		
31	West Main Street Plastic Duct	0.682	0.682	13,800		
32	Farmers Row Plastic Duct	0.379	0.379	13,800		
33	Fieldstone Drive Plastic Duct	0.167	0.167	13,800		
34						
35	SUBTOTALS	miles 39.429	41.059			0

*indicate number of conductors per cable

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	Fieldstone Drive Plastic Duct	0.078	0.078	13,800		
2	Fieldstone Drive Plastic Duct	0.095	0.095	13,800		
3	Fieldstone Drive Plastic Duct	0.076	0.076	13,800		
4	Fieldstone Drive Plastic Duct	0.053	0.053	7,960		
5	Cherry Tree Lane Plastic Duct	0.080	0.080	7,960		
6	Cherry Tree Lane Plastic Duct	0.095	0.095	7,960		
7	Cherry Tree Lane Plastic Duct	0.038	0.038	7,960		
8	Robin Hill Road Plastic Duct	0.066	0.066	13,800		
9	Cardinal Way Plastic Duct	0.133	0.133	7,960		
10	Robin Hill Road Plastic Duct	0.472	0.472	13,800		
11	Cardinal Way Plastic Duct	0.058	0.058	7,960		
12	Bradley Way Plastic Duct	0.094	0.094	7,960		
13	Mayfield Drive Plastic Duct	0.063	0.063	7,960		
14	Crystal Springs Lane Plastic Duct	0.084	0.084	7,960		
15	Skyfields Drive Plastic Duct	0.142	0.142	7,960		
16	Jenkins Road Plastic Duct	0.038	0.038	7,960		
17	Magnolia Lane Plastic Duct	0.114	0.114	7,960		
18	Magnolia Lane Plastic Duct	0.114	0.114	13,800		
19	Crystal Springs Lane Plastic Duct	0.047	0.047	7,960		
20	Old Ayer Road Plastic Duct	0.303	0.303	7,960		
21	Cherry Tree Lane Plastic Duct	0.057	0.057	13,800		
22	Main Street Plastic Duct	0.227	0.227	13,800		
23	Farmers Row Plastic Duct	0.369	0.369	13,800		
24	Maple Avenue Plastic Duct	0.047	0.047	7,960		
25	Lowell Road Plastic Duct	0.085	0.085	7,960		
26	Old Ayer Road Plastic Duct	0.085	0.085	13,800		
27	Chamberlain Mills La Plastic Duct	0.132	0.132	7,960		
28	Island Pond Road Plastic Duct	0.037	0.037	7,960		
29	Mockingbird Lane Plastic Duct	0.064	0.064	7,960		
30	Cow Pond Brook Ro Plastic Duct	0.040	0.040	7,960		
31	Boston Road Plastic Duct	0.112	0.112	7,960		
32	Mockingbird Lane Plastic Duct	0.223	0.223	7,960		
33	Old Dunstable Road Plastic Duct	0.015	0.015	7,960		
34						
35	TOTALS	miles 43.165	44.795			0

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	Type							
			LED		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Groton	250	206	0	0	0	0	0	44	0
2										
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52	TOTALS	250	206	0	0	0	0	0	44	0

RATE SCHEDULE INFORMATION

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

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		See Attached Rate Schedules		

SUMMARY OF RATES

June 30, 2018



Groton Electric Light

23 Station Avenue
Groton, MA 01450

tel: 978-448-1150
fax: 978-448-1159

BILLING TERMS

Customer Charge

Collects some of our costs of providing the basic services, such as meter reading and billing.

Distribution Charge

Collects our costs to deliver electricity from our substation to homes and businesses.

Generation Charge

Collects our costs for power purchased on the wholesale energy market. Savings associated with the power received from the New York Power Authority (NYPA) is applied to the first 500 kWh of the Generation Charge for the residential classes. Time of Use (TOU) is separated into three time slots with varying rates—the NYPA savings is applied evenly over the TOU rates.

Transmission Charge

Collects our projected costs of purchasing delivery of electricity from the generating plants to our substation

Power Cost Adjustment (PCA)

Recoups the increased generation costs associated with higher fuel and power costs. The PCA charge may be zero depending upon power costs incurred by GELD. When the charge is zero, the PCA line item will not print on the bill.

RATE CODES

C1 Commercial	HH Home Heating (All Electric)
C2 Commercial Solar	HT High Tension
EV Electric Vehicle	MD Municipal Demand
F1 Farm Residential	R1 Residential
F2 Farm Commercial	R2 Residential Solar
G1 Government	R3 Residential/TOU (T1) Solar
G2 Non Profit	R4 Residential/Farm Solar
G3 "Green" Solar	
G4 "Green" Conservation	

T1 Time of Use < 1000 kWh/month (Residential)

T2 Time of Use > 1000 kWh/month (Residential)

PL - Private Lighting Monthly Charge

50-Watt HPS or LED.....	\$4.75
100-Watt	\$6.50
175-Watt	\$8.75
250-Watt	\$12.00
LED Flood	\$12.00
400-Watt	\$17.75

Each rate consists of the delivery services (which include the customer charge, distribution charge and transmission charge) as well as the generation charge. There is an early pay discount associated with all rates except the HT & MD rates.

The following shows the total rate per kilowatt hour (kWh) for each rate class:

R1—Residential HH—Home Heating (All Electric) R2—Residential Solar* Customer Charge \$4.25						
	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
0-500 kWh	7.0¢	2.6¢	3.6¢	13.2¢	1.3¢	11.9¢
500 + kWh	8.2¢	2.6¢	3.6¢	14.4¢	1.3¢	13.1¢

Note: Rate Codes R1 and HH use the same rate schedule. HH was used when there was a separate rate for homes that used all electric heating.

F1—Farm Residential R4—Residential/Farm Solar* Customer Charge \$4.25						
	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
0-500 kWh	6.1¢	2.4¢	3.3¢	11.8¢	1.1¢	10.7¢
500 + kWh	7.2¢	2.4¢	3.3¢	12.9¢	1.1¢	11.8¢

C1—Commercial & Industrial C2—Commercial Solar* Customer Charge \$7.25						
	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
	9.2¢	2.7¢	4.6¢	16.5¢	1.5¢	15.0¢

F2—Farm Commercial Customer Charge \$7.25						
	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
	8.2¢	2.6¢	4.3¢	15.1¢	1.4¢	13.7¢

*Solar Rate Accounts receive a credit for generation returned to the power grid

G1—Government/Municipalities | Customer Charge \$6.50

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
	9.2¢	2.7¢	4.4¢	16.3¢	1.5¢	14.8¢

MD—Municipal Demand | Customer Charge \$31.25 | Additional requirements apply to this rate; contact our office for details

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
	5.5¢	0.5¢	4.6¢	10.6¢	0.0¢	10.6¢

G2—Non-Profit | Customer Charge \$5.25

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
	9.0¢	2.6¢	3.8¢	15.4¢	1.4¢	14.0¢

G3—Green Solar | G4—Green Conservation | Customer Charge \$4.25

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
0-500 kWh	11.0¢	2.6¢	3.6¢	17.2¢	1.3¢	15.9¢
500 + kWh	12.1¢	2.6¢	3.6¢	18.3¢	1.3¢	17.0¢

Note: There is an additional 4 cents per kilowatt hour above our standard residential rate added to these rates. The additional funds collected are pooled and used to assist in the funding of solar panels (G3) and electric conservation (G4) within the town of Groton.

HT—High Tension | Customer Charge \$31.25

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
	5.5¢	2.6¢	4.3¢	12.4¢	0.0¢	12.4¢

T1—Time of Use < 1000 kWh per month | R3—Residential/TOU (T1) Solar* | Customer Charge \$4.25

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
11 p.m.–7 a.m.	4.4¢	2.6¢	3.5¢	10.5¢	1.3¢	9.2¢
7 a.m.–11 a.m.						
7 p.m.–11 p.m.	7.3¢	2.6¢	3.5¢	13.4¢	1.3¢	12.1¢
11 a.m.–7 p.m.	9.8¢	2.6¢	3.5¢	15.9¢	1.3¢	14.6¢

T2—Time of Use >1000 kWh per month | Customer Charge \$4.25

	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
11 p.m.–7 a.m.	4.8¢	2.6¢	3.5¢	10.9¢	1.3¢	9.6¢
7 a.m.–11 a.m.						
7 p.m.–11 p.m.	7.8¢	2.6¢	3.5¢	13.9¢	1.3¢	12.6¢
11 a.m.–7 p.m.	10.4¢	2.6¢	3.5¢	16.5¢	1.3¢	15.2¢

EV—Electric Vehicle | Customer Charge \$4.25

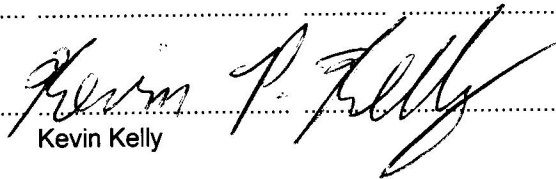
	Generation	Transmission	Distribution	Total Rate	Early Pay Discount	Total Rate with Early Pay Disc
11 p.m.–7 a.m.	4.1¢	2.6¢	3.6¢	10.3¢	1.3¢	9.0¢
7 a.m.–11 p.m.	8.2¢	2.6¢	3.6¢	14.4¢	1.3¢	13.1¢

*Solar Rate Accounts receive a credit for generation returned to the power grid

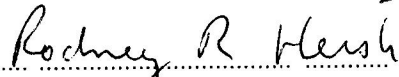
If you feel you are being billed under the wrong rate code or would like to switch to a different rate class based on eligibility, please contact Sherrie or Tammi at 978-448-1150 to discuss your options.

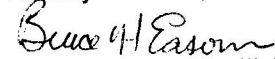
THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

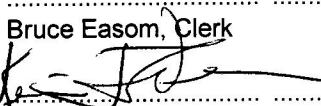
Mayor


Kevin Kelly

Manager of Electric Light


Rodney R. Hersh, Chairman


Bruce Eason, Clerk


Kevin J. Lindemer, Member

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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