

# The Commonwealth of Massachusetts

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## RETURN

OF THE

TOWN OF

HUDSON, LIGHT AND POWER DEPARTMENT

TO

**The Commonwealth of Massachusetts**

**Department of Public Utilities**

OF MASSACHUSETTS

For the Year Ended December 31,

**2013**

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

Yakov D. Levin

Official Title: General Manager

Official Address: 49 Forest Avenue  
Hudson, MA 01749

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### FOR GAS PLANTS ONLY:

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GENERAL INFORMATION

<b>1</b>	<b>Name of town (or city) making this report.</b>	Hudson, Ma 01749				
<b>2</b>	<b>If the town (or city) has acquired a plant,</b>	Electric				
	<b>Kind of plant, whether gas or electric.</b>	Hudson Electric Co. 7/11/1891				
	<b>Owner from whom purchased, if so acquired.</b>	Hudson Electric Co. 7/11/1891				
	<b>Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. 9/11/1891</b>	9/11/1891				
	<b>Record of votes:</b>	First vote: yes, 30; No, 7	Second vote: Yes, 69; No, 11			
	<b>Date when town (or city) began to sell gas and electricity</b>	January 15, 1897				
<b>3</b>	<b>Name and address of General Manager of municipal lighting:</b>	Yakov D. Levin 5 Dartmouth Drive Framingham, Ma. 01701				
<b>4</b>	<b>Name and address of mayor or selectmen:</b>	James Vereault 73 Parmenter Rd Hudson, MA 01749	Christopher Yates 14 Causeway St Hudson, MA 01749	Fred P. Lucy III 18 Ridge Rd. Hudson, MA 01749	Joseph J. Durant 22 Harriman Road Hudson, MA 01749	James D. Quinn 8 Old North Rd. Hudson, MA 01749
<b>5</b>	<b>Name and address of town (or city) treasurer:</b>	Dianne Cush 11 Erie Dr. Hudson, MA 01749				
<b>6</b>	<b>Name and address of town (or city) clerk:</b>	Joan M. Wordell 169 Marlboro St. Hudson, MA 01749				
<b>7</b>	<b>Name and addresses of members of municipal light board:</b>	Roland L. Plante 136 Murphy Street Hudson, MA 01749	Joseph J. Marinelli 25 Brigham Street Hudson, MA 01749	Paul Huehmer 3 Hammond Circle Hudson, MA 01749		
<b>8</b>	<b>Total valuation of estates in town (or city) according to the last State valuation</b>	\$2,117,833,200.00				
<b>9</b>	<b>Tax rate for all purposes during the year:</b>	16.38 / Residential \$32.90 / Commercial				
<b>10</b>	<b>Amount of manager's salary:</b>	\$186,368.00				
<b>11</b>	<b>Amount of manager's bond:</b>	\$100,000.00				
<b>12</b>	<b>Amount of salary paid to members of municipal light board (each):</b>	\$1,300.00				

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

		Amount
<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	From sales of gas	
2	From sales of electricity	\$34,891,547
3	From Rate Stabilization Fund	
4	<b>TOTAL</b>	\$34,891,547
<b>EXPENSES:</b>		
6	For operation, maintenance and repairs	\$33,501,269
7	For interest on bonds, notes of scrip	0.00
8	For depreciation fund	\$756,000
9	For sinking fund requirements	0.00
10	For note payments	0.00
11	For bond payments	0.00
12	For loss in preceding year	0.00
14	<b>TOTAL</b>	\$34,257,269
<b>COST:</b>		
16	Of gas to be used for municipal buildings	\$0.00
17	Of gas to be used for street lights	0.00
18	Of electricity to be used for municipal buildings	1,070,186
19	Of electricity to be used for street lights	137,814
20	Total of the above items to be included in the tax levy	\$1,208,000
22	New construction to be included in the tax levy	0
23	Total amounts to be included in the tax levy	\$1,208,000

**CUSTOMERS**

Names of the cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of the 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
		Hudson	9,207
		Stow	3,044
		Berlin, Bolton, Boxboro, Harvard, Maynard, Marlboro	168
<b>NOT APPLICABLE</b>			
<b>TOTAL</b>		<b>TOTAL</b>	12,419

**APPROPRIATIONS SINCE BEGINNING OF YEAR**

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

FOR CONSTRUCTION OR PURCHASE OF PLANT:

- \*At meeting 1<sup>st</sup>, to be paid from ~
- \*At meeting 1<sup>st</sup>, to be paid from ~

**TOTAL**

None

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

1	Street lights	\$	161,289.00
2	Municipal buildings (Amounts are included in overall appropriations for each Department)		-
3			
<b>TOTAL</b>		\$	161,289.00

\*Date of meeting and whether regular or special. ~Here insert bonds, notes or tax levy.

**CHANGES IN PROPERTY**

- 1 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:

None.

In gas property:

NOT APPLICABLE

**BONDS**

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issues**	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Apr. 7, 1913	Spec. Jun. 1, 1913	\$9,000.00					
Mar. 4, 1918	Reg. Apr. 1, 1918	\$50,000.00					
Jun. 14, 1920	Spec. Feb. 1, 1921	\$25,000.00					
Mar. 5, 1928	Reg. Nov. 1, 1928	\$40,000.00					
Nov. 29, 1954	Spec. Mar. 1, 1955	\$250,000.00					
Mar. 7, 1955	Spec. May 1, 1955	\$100,000.00					
Mar. 7, 1955	Reg. Nov. 1, 1955	\$150,000.00					
Jun. 8, 1959	Spec. Aug. 1, 1959	\$300,000.00					
Nov. 7, 1961	Spec. Jul. 15, 1962	\$450,000.00					
	<b>TOTAL</b>	\$1,374,000.00				<b>TOTAL</b>	

The bonds and notes outstanding at the end of year should agree with the Balance Sheet. When bonds and notes are repaid report the first three columns only.

\*Date of meeting and whether regular or special.

\*\*List original issue of bonds and notes including those that have been retired.

**TOWN NOTES**  
(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issues**	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Dec. 18, 1896. Spec.	Jan. 1, 1897	\$18,000.00					
June 20, 1897. Spec.	Jan. 1, 1898	\$17,000.00					
June 10, 1898. Spec.	Jul. 1, 1898	\$5,000.00					
Nov. 5, 1903. Spec.	Nov. 2, 1903	\$13,000.00					
Mar. 7, 1904. Reg.	Jan. 1, 1905	\$5,000.00					
Apr. 2, 1912. Spec.	May 1, 1912	\$2,000.00					
Aug. 4, 1941. Spec.	Oct. 15, 1941	\$100,000.00					
Sep. 14, 1942. Spec.	Oct. 15, 1942	\$100,000.00					
Feb. 8, 1943. Spec.	Feb. 15, 1943	\$50,000.00					
Mar. 6, 1950. Reg.	Sep. 15, 1950	\$241,000.00					
	<b>TOTAL</b>	\$551,000.00					<b>TOTAL</b>

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

**TOTAL COST OF PLANT - ELECTRIC**

1. Report below the cost of utility plant in service according to the prescribed accounts.  
2. Do not include as adjustments, corrections of additions and retirements for the current or the pre-

ceding 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).

Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
<b>1. INTANGIBLE PLANT</b>	\$3,871.33	\$38.33	\$0.00	\$0.00	\$0.00	\$3,909.66
	\$3,871.33	\$38.33	\$0.00	\$0.00	\$0.00	\$3,909.66
<b>2. PRODUCTION PLANT</b>						
<b>A. Steam Production</b>						
310 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
311 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
312 Boiler Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
313 Engines and Engine Driven Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
314 Turbogenerator Units	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
315 Accessory Electric Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
316 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Steam Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>B. Nuclear Production Plant</b>						
320 Land and Land rights	\$1,457.43	\$14.43	\$0.00	\$0.00	\$0.00	\$1,471.86
321 Structures and Improvements	\$907,545.60	\$10,902.72	\$0.00	\$0.00	\$0.00	\$918,448.32
322 Reactor Plant equipment	\$1,338,705.48	\$23,013.35	\$0.00	\$0.00	\$0.00	\$1,361,718.83
323 Turbogenerator Units	\$277,811.60	\$2,470.87	\$0.00	\$0.00	\$0.00	\$280,282.47
324 Accessory Electric Equipment	\$315,181.59	\$8,371.71	\$0.00	\$0.00	\$0.00	\$323,553.30
325 Miscellaneous Power Plant Equipment	\$131,323.20	\$8,124.69	\$0.00	\$0.00	\$0.00	\$139,447.89
<b>Total Nuclear Production Plant</b>	\$2,972,024.89	\$52,897.77	\$0.00	\$0.00	\$0.00	\$3,024,922.66



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)
<b>1</b>	<b>C. Hydraulic Production Plant</b>						
2	330 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	331 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	332 Reservoirs, Dams and Waterways	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	333 Water Wheels, Turbines and Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	334 Accessory Electric Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	335 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	336 Roads, Railroads and Bridges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	<b>Total Hydraulic Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>10</b>	<b>D. Other Production Plant</b>						
11	340 Land and Land Rights	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,500.00
12	341 Structures and Improvements	\$335,939.66	\$688,462.55	\$100,000.00	\$0.00	\$0.00	\$924,402.21
13	342 Fuel Holders, Producers and Accessories	\$239,648.47	\$0.00	\$0.00	\$0.00	\$0.00	\$239,648.47
14	343 Prime Movers	\$2,184,537.96	\$0.00	\$0.00	\$0.00	\$0.00	\$2,184,537.96
15	344 Generators	\$305,509.02	\$0.00	\$0.00	\$0.00	\$0.00	\$305,509.02
16	345 Accessory Electric Equipment	\$602,757.83	\$0.00	\$0.00	\$0.00	\$0.00	\$602,757.83
17	346 Miscellaneous Power Plant Equipment	\$84,833.30	\$4,640.59	\$2,320.00	\$0.00	\$0.00	\$87,153.89
18	347 Production Plant	\$0.00	\$12,890.00	\$6,445.00	\$0.00	\$0.00	\$6,445.00
19	<b>Total Other Production Plant</b>	\$3,758,726.24	\$705,993.14	\$108,765.00	\$0.00	\$0.00	\$4,355,954.38
20	<b>Total Production Plant</b>	<b>\$6,730,751.13</b>	<b>\$758,890.91</b>	<b>\$108,765.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,380,877.04</b>
<b>21</b>	<b>3. TRANSMISSION PLANT</b>						
22	350 Land and Land Rights	\$53,804.14	\$0.00	\$0.00	\$0.00	\$0.00	\$53,804.14
23	351 Clearing Land and Rights of Way	\$20,980.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,980.00
24	352 Structures and Improvements	\$132,415.58	\$0.00	\$0.00	\$0.00	\$0.00	\$132,415.58
25	353 Station Equipment	\$2,067,560.72	\$38,865.83	\$0.00	\$0.00	\$0.00	\$2,106,426.55
26	354 Towers and Fixtures	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27	355 Poles and Fixtures	\$747,014.47	\$0.00	\$0.00	\$0.00	\$0.00	\$747,014.47
28	356 Overhead Conductors and Devices	\$184,656.56	\$0.00	\$0.00	\$0.00	\$0.00	\$184,656.56
29	357 Underground Conduits	\$6,158.07	\$0.00	\$0.00	\$0.00	\$0.00	\$6,158.07
30	358 Underground Conductors and Devices	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	359 Roads and Trails	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	<b>Total Transmission Plant</b>	\$3,212,589.54	\$38,865.83	\$0.00	\$0.00	\$0.00	\$3,251,455.37

**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)
<b>1</b>	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	361 Structures and Improvements	\$13,053.36	\$0.00	\$0.00	\$0.00	\$0.00	\$13,053.36
4	362 Station Equipment	\$2,112,089.26	\$1,057,393.64	\$528,697.00	\$0.00	\$0.00	\$2,640,785.90
5	363 Storage Battery Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	364 Poles, Towers and Fixtures	\$791,205.99	\$30,430.41	\$5,000.00	\$0.00	\$0.00	\$816,636.40
7	365 Overhead Conductors and Devices	\$3,075,160.98	\$474,138.51	\$163,467.00	\$0.00	\$0.00	\$3,385,832.49
8	366 Underground Conduits	\$572,270.27	\$11,699.42	\$0.00	\$0.00	\$0.00	\$583,969.69
9	367 Underground Conductors & Devices	\$911,359.34	\$20,467.01	\$0.00	\$0.00	\$0.00	\$931,826.35
10	368 Line Transformers	\$3,157,635.92	\$48,672.56	\$11,636.27	\$0.00	\$0.00	\$3,194,672.21
11	369 Services	\$560,540.27	\$5,984.43	\$2,992.00	\$0.00	\$0.00	\$563,532.70
12	370 Meters	\$1,013,154.42	\$10,077.19	\$5,032.00	\$0.00	\$0.00	\$1,018,199.61
13	371 Installations on Cust's Premises	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	372 Leased Prop. on Cust's Premises	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	373 Street Lighting and Signal Systems	\$436,474.71	\$1,901.99	\$951.00	\$0.00	\$0.00	\$437,425.70
15	374 Distribution Plant	\$0.00	\$335.99	\$0.00	\$0.00	\$0.00	\$335.99
16	<b>Total Distribution Plant . . . .</b>	\$12,642,944.52	\$1,661,101.15	\$717,775.27	\$0.00	\$0.00	\$13,586,270.40
<b>17</b>	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	390 Structures and Improvements	\$641,901.79	\$0.00	\$0.00	\$0.00	\$0.00	\$641,901.79
20	391 Office Furniture and Equipment	\$775,279.23	\$52,555.95	\$4,778.00	\$0.00	\$0.00	\$823,057.18
21	392 Transportation Equipment	\$881,118.61	\$236,350.89	\$18,637.00	\$0.00	\$0.00	\$1,098,832.50
22	393 Stores Equipment	\$122,022.06	\$0.00	\$0.00	\$0.00	\$0.00	\$122,022.06
23	394 Tools, Shop and Garage Equipment	\$98,050.15	\$30,442.21	\$13,750.00	\$0.00	\$0.00	\$114,742.36
24	395 Laboratory Equipment	\$53,544.17	\$0.00	\$0.00	\$0.00	\$0.00	\$53,544.17
25	396 Power Operated Equipment	\$6,478.13	\$0.00	\$0.00	\$0.00	\$0.00	\$6,478.13
26	397 Communication Equipment	\$53,633.57	\$0.00	\$0.00	\$0.00	\$0.00	\$53,633.57
27	398 Miscellaneous Equipment	\$27,276.19	\$18.60	\$0.00	\$0.00	\$0.00	\$27,294.79
28	399 Other Tangible Property	\$16,587.58	\$7,647.20	\$3,824.00	\$0.00	\$0.00	\$20,410.78
29	<b>Total General Plant . . . . .</b>	\$2,675,891.48	\$327,014.85	\$40,989.00	\$0.00	\$0.00	\$2,961,917.33
30	<b>Total Electric Plant in Service</b>	\$25,266,048.00	\$2,785,911.07	\$867,529.27	\$0.00	\$0.00	\$27,184,429.80
31	<b>Total Cost of Electric Plant . . . .</b>						\$27,184,429.80
32							
33	<b>Less Cost of Land, Land Rights, Rights of Way . .</b>						\$64,685.66
34	<b>Total Cost upon which Depreciation is based . .</b>						\$27,119,744.14

The above figures should show the original cost of the existing property. In case any part of 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 values, 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)
<b>1</b>	<b>UTILITY PLANT</b>			
2	101 Utility Plant - Electric (P.17)	\$7,765,185.94	\$9,791,419.58	\$ 2,026,233.64
3	101 Utility Plant - Gas (P.20)	0.00	0.00	0.00
4	120 Nuclear Fuel	77,855.30	89,733.44	11,878.14
5	Total Utility Plant	\$ 7,843,041.24	\$ 9,881,153.02	\$ 2,038,111.78
6				
7	123 Invest in Assoc. Companies	\$ 22,594.21	\$ 16,355.92	\$ (6,238.29)
8	124 Other Investments	0.00	0.00	0.00
9		\$ 22,594.21	\$ 16,355.92	\$ (6,238.29)
<b>10</b>				
<b>11</b>	<b>FUND ACCOUNTS</b>			
12	125 Sinking Funds	\$ -	\$ -	\$ -
13	126 Depreciation Fund (P. 14)	5,773,024.94	4,109,594.57	(1,663,430.37)
14	128 Other Special Funds	1,843,089.80	2,445,618.71	602,528.91
15	Total Funds	\$ 7,616,114.74	\$ 6,555,213.28	\$ (1,060,901.46)
<b>16</b>	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14)	\$ 3,922,420.16	\$ 3,105,303.25	\$ (817,116.91)
18	132 Special Deposits	916,124.34	1,176,066.83	259,942.49
19	135 Working Funds	500.00	500.00	0.00
20	141 Notes and Receivables	0.00	0.00	0.00
21	142 Customer Accounts Receivable	3,711,729.66	3,945,189.93	233,460.27
22	143 Other Accounts Receivable	38,666.80	84,971.86	46,305.06
23	146 Receivables from Municipality	0.00	0.00	0.00
24	151 Materials and Supplies (P.14)	1,125,197.53	1,207,389.79	82,192.26
25				0.00
26	165 Prepayments	996,140.37	1,125,265.68	129,125.31
27	174 Miscellaneous Current Assets	0.00	0.00	-
28	Total Current and Accrued Assets	\$ 10,710,778.86	\$ 10,644,687.34	\$ (66,091.52)
<b>29</b>	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount	0.00	0.00	0.00
31	182 Extraordinary Property Losses	0.00	0.00	0.00
32	185 Other Deferred Debits	0.00	-0.35	-0.35
33	Total Deferred Debits	0.00	-0.35	-0.35
34				
35	Total Assets and Other Debits	\$ 26,192,529.05	\$ 27,097,409.21	\$ 904,880.16

## 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	0.00	0.00	0.00
3	SURPLUS			
4	205 Sinking Fund Reserves	0.00	0.00	0.00
5	206 Loans Repayments	1,925,000.00	1,925,000.00	0.00
6	207 Appropriations for Construction Repayments	20,093.39	20,093.39	0.00
7	208 Unappropriated Earned Surplus (P.12)	17,555,690.31	17,741,835.08	186,144.77
8	Total Surplus	19,500,783.70	19,686,928.47	186,144.77
9	<b>LONG TERM DEBT</b>			
10	221 Bonds (P.6)	0.00	0.00	0.00
11	231 Notes Payable (P.7)	0.00	0.00	0.00
12	Total Bonds and Notes	0.00	0.00	0.00
13	<b>CURRENT &amp; ACCRUED LIABILITIES</b>			
14	232 Accounts Payable	1,391,776.36	1,302,526.95	(89,249.41)
15	234 Payables to Municipality	260,586.50	262,625.70	2,039.20
16	235 Customer Deposits	916,124.34	1,176,066.83	259,942.49
17	236 Taxes Accrued	26,691.76	30,232.24	3,540.48
18	237 Interest Accrued	0.00	0.00	0.00
19	242 Miscellaneous Current and Accrued Liabilities	677,912.06	662,068.43	(15,843.63)
20	Total Current and Accrued Liabilities	3,273,091.02	3,433,520.15	160,429.13
21	<b>DEFERRED CREDITS</b>			
22	251 Unamortized Premium on Debt	0.00	0.00	0.00
23	252 Customer Advances for Construction	64,234.26	975,853.82	911,619.56
24	253 Other Deferred Credits	1,438,179.93	1,243,567.78	(194,612.15)
25	Total Deferred Credits	1,502,414.19	2,219,421.60	717,007.41
26	<b>RESERVES</b>			
27	260 Reserves for Uncollectible Accounts	0.00	0.00	0.00
28	261 Property Insurance Reserve	0.00	70,081.17	70,081.17
29	262 Injuries and Damages Reserves	0.00	0.00	0.00
30	263 Pensions and Benefits	0.00	0.00	0.00
31	265 Miscellaneous Operating Reserves	0.00	0.00	0.00
32	Total Reserves	0.00	70,081.17	70,081.17
33	<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271 Contributions in Aid of Construction	1,916,240.14	1,687,457.82	(228,782.32)
35	Total Liabilities and Other Credits	26,192,529.05	27,097,409.21	904,880.16

State below if any earnings 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.

Transferred \$225,000.00 to the Town of Hudson  
Transferred \$31,353.11 to the Town of Stow

<b>STATEMENT OF INCOME FOR THE YEAR</b>			
Line No.	Account (a)	<b>Total</b>	
		<b>Current Year (b)</b>	<b>Increase or (Decrease) from Preceding Year (c)</b>
<b>1</b>	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and P. 43)	\$ 39,895,207.37	\$ (210,839.95)
3	Operating Expenses		
4	401 Operating Expenses (P. 42)	\$ 37,284,643.92	\$ (206,557.48)
5	402 Maintenance Expenses (P. 42)	1,356,446.33	56,572.60
6	403 Depreciation Expenses	753,981.99	8,154.69
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	21,424.32	(3,082.12)
10	Total Operating Expenses	\$ 39,416,496.56	\$ (144,912.31)
11	Operating Income	\$ 478,710.81	\$ (65,927.64)
12	414 Other Utility Operating Income (P. 50)	\$ -	\$ -
13			
14	Total Operating Income	\$ 478,710.81	\$ (65,927.64)
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing and Contract Work (P. 51)	\$ -	\$ -
17	419 Interest Income	65,160.61	8,618.60
18	421 Miscellaneous Income	122.00	5.00
19	Total Other Income	\$ 65,282.61	\$ 8,623.60
20	Total Income	\$ 543,993.42	\$ (57,304.04)
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	\$ -	\$ -
23	426 Other Income Deductions	83.00	(31.00)
24	Total Income Deductions	\$ 83.00	\$ (31.00)
25	Income Before Interest Charges	\$ 543,910.42	\$ (57,273.04)
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	\$ -	\$ -
28	428 Amortization of Debt Discount and Expenses	-	-
29	429 Amortization of Premium on Debt	-	-
30	431 Other Interest Expenses	-	-
31	432 Interest Charged to Construction - Credit	-	-
32	Total Interest Charges	\$ -	\$ -
33	NET INCOME	\$ 543,910.42	\$ (57,273.04)
<b>EARNED SURPLUS</b>			
Line No.	(a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		\$ 17,555,690.31
35			
36			
37	433 Balance Transferred from Income		543,910.42
38	434 Miscellaneous Credits to Surplus		
39	435 Miscellaneous Debits to Surplus	\$ 95,139.95	
40	436 Appropriations of Surplus (P. 21)	262,625.70	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	17,741,835.08	
43			
44	<b>TOTALS</b>	\$18,099,600.73	\$ 18,099,600.73

**INTENTIONALLY**

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**CASH BALANCES AT END OF YEAR (Account 131)**

Line No.	Items (a)	Amount (b)
1	Operation Fund	\$ 3,105,303.25
2	Interest Fund	0.00
3	Bond Fund	0.00
4	Construction Fund (128)	0.00
5	Miscellaneous Cash (128)	2,375,537.54
6	Escrow Reserve (128)	70,081.17
7		
8		
9		
10		
11		
12	<b>TOTAL</b>	\$ 5,550,921.96

**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)	\$ 226,765.77	NOT APPLICABLE
14	Fuels Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	980,624.02	
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	\$ 1,207,389.79	

**DEPRECIATION FUND ACCOUNT (Account 136)**

Line No.	(a)	Amount (b)
24	<b>DEBITS</b>	
25	Balance of account at beginning of year	\$ 5,773,024.94
26	Income during year from balance on deposit	57,496.70
27	Amount transferred from income	756,700.20
28	<b>TOTAL</b>	\$ 6,587,221.84
29	<b>CREDITS</b>	
30		
31	Amount expended for construction purposes(Sec.57,C164 of G.L.)	\$ 2,477,627.27
32	Amounts expended for renewals, viz:	
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on hand at end of year	4,109,594.57
40	<b>TOTAL</b>	\$ 6,587,221.84



**UTILITY PLANT - ELECTRIC**

1. Report below the items of utility plant in service according to the prescribed accounts,  
2. Do not include as adjustments, corrections of additions and retirements for the current or the pre-

ceding year. Such items should be included in column (c).  
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.  
4. Reclassifications of 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							
2	<b>1. INTANGIBLE PLANT</b>	\$3,871.33	\$38.33			\$0.00	\$3,909.66
3							
4	<b>Total Intangible Plant</b>	\$3,871.33	\$38.33	\$0.00	\$0.00	\$0.00	\$3,909.66
5	<b>2. PRODUCTION PLANT</b>						
6	<b>A. Steam Production</b>						
7	310 Land and Land rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	311 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	312 Boiler Plant equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	313 Engine and Engine Driven Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	314 Turbogenerator Units	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	315 Accessory Electric Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	316 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14							
15	<b>Total Steam Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	<b>B. Nuclear Production Plant</b>						
17	320 Land and Land Rights	\$1,457.43	\$14.43	\$0.00	\$0.00	\$0.00	\$1,471.86
18	321 Structures and Improvements	\$77,548.73	\$10,902.72	\$31,366.89	\$0.00	\$0.00	\$57,084.56
	322 Reactor Plant Equipment	\$110,739.71	\$23,013.35	\$46,268.78	\$0.00	\$0.00	\$87,484.28
20	323 Turbogenerator Units	\$90,206.75	\$2,470.87	\$9,601.82	\$0.00	\$0.00	\$83,075.80
21	324 Accessory Electric Equipment	\$17,964.95	\$8,371.71	\$10,893.41	\$0.00	\$0.00	\$15,443.25
22	325 Miscellaneous Power Plant Equipment	\$36,096.62	\$8,124.69	\$4,538.84	\$0.00	\$0.00	\$39,682.47
23	<b>Total Nuclear Production Plant</b>	\$334,014.19	\$52,897.77	\$102,669.74	\$0.00	\$0.00	\$284,242.22

**UTILITY PLANT - ELECTRIC (Continued)**

<b>Line No.</b>	<b>Account (a)</b>	<b>Balance Beginning of Year (b)</b>	<b>Additions (c)</b>	<b>Depreciation (d)</b>	<b>Other Credits (e)</b>	<b>Adjustments Transfers (f)</b>	<b>Balance End of Year (g)</b>
<b>1</b>	<b>C. Hydraulic Production Plant</b>						
2	330 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	331 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	332 Reservoirs, Dams and Waterways	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	333 Water Wheels, turbines and Generators	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	334 Accessory Electric equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	335 Miscellaneous Power Plant Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	336 Roads, Railroads and Bridges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	<b>Total Hydraulic Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>10</b>	<b>D. Other Production Plant</b>						
11	340 Land and Land Rights	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,500.00
12	341 Structures and Improvements	\$155,518.33	\$688,462.55	\$11,610.86	\$0.00	\$0.00	\$832,370.02
13	342 Fuel Holders, Producers and Accessories	\$125,786.83	\$0.00	\$8,282.81	\$95.96	\$0.00	\$117,408.06
14	343 Prime Movers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	344 Generators	\$54,481.85	\$0.00	\$10,559.10	\$108.45	\$0.00	\$43,814.30
16	345 Accessory Electric Equipment	\$18,088.00	\$0.00	\$18,088.00	(\$6,029.36)	\$0.00	\$6,029.36
17	346 Miscellaneous Power Plant Equipment	\$14,118.36	\$4,640.59	\$2,932.04	\$0.00	\$0.00	\$15,826.91
18	347 Production Plant	\$0.00	\$12,890.00	\$0.00	\$0.00	\$0.00	\$12,890.00
19	<b>Total Other Production Plant</b>	\$373,493.37	\$705,993.14	\$51,472.81	(\$5,824.95)	\$0.00	\$1,033,838.65
20	<b>Total Production Plant</b>	\$707,507.56	\$758,890.91	\$154,142.55	(\$5,824.95)	\$0.00	\$1,318,080.87
<b>21</b>	<b>3. TRANSMISSION PLANT</b>						
22	350 Land and Land Rights	\$53,804.14	\$0.00	\$0.00	\$0.00	\$0.00	\$53,804.14
23	351 Clearing Land and Rights of Way	\$19,536.32	\$0.00	\$725.12	\$8.44	\$0.00	\$18,802.76
24	352 Structures and Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	353 Station Equipment	\$1,405,425.09	\$38,865.83	\$71,459.71	\$0.00	\$0.00	\$1,372,831.21
26	354 Towers and Fixtures	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27	355 Poles and Fixtures	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28	356 Overhead Conductors and Devices	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29	357 Underground Conduits	\$1,512.71	\$0.00	\$212.84	\$2.50	\$0.00	\$1,297.37
30	358 Underground Conductors and Devices	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	359 Roads and Trails	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	<b>Total Transmission Plant</b>	\$1,480,278.26	\$38,865.83	\$72,397.67	\$10.94	\$0.00	\$1,446,735.48

**UTILITY PLANT - ELECTRIC (Continued)**

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits	Adjustments Transfers (f)	Balance End of Year (g)
<b>1</b>	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	361 Structures and Improvements	\$4,817.30	\$0.00	\$451.15	(\$6.07)	\$0.00	\$4,372.22
4	362 Station Equipment	\$369,548.75	\$1,057,393.64	\$72,998.72	\$0.00	\$0.00	\$1,353,943.67
5	363 Storage Battery Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	364 Poles, Towers and Fixtures	\$36,868.21	\$30,430.41	\$27,345.92	\$0.00	\$0.00	\$39,952.70
7	365 Overhead Conductors and Devices	\$1,320,011.89	\$474,138.51	\$106,284.72	\$0.00	\$0.00	\$1,687,865.68
8	366 Underground Conduits	\$239,187.71	\$11,699.42	\$19,778.99	\$0.00	\$0.00	\$231,108.14
9	367 Underground Conductors & Devices	\$179,945.63	\$20,467.01	\$31,498.70	\$0.00	\$0.00	\$168,913.94
10	368 Line Transformers	\$902,263.54	\$48,672.56	\$109,135.24	\$0.00	\$0.00	\$841,800.86
11	369 Services	\$66,847.39	\$5,984.43	\$19,373.58	\$0.00	\$0.00	\$53,458.24
12	370 Meters	\$899,275.90	\$10,077.19	\$35,016.97	\$16,968.23	\$0.00	\$857,367.89
13	371 Installations on Cust's Premises	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	373 Street Lighting and Signal Systems	\$50,132.82	\$1,901.99	\$15,085.58	\$0.00	\$0.00	\$36,949.23
15	374 Distribution Plant	\$0.00	\$335.99	\$0.00	\$0.00	\$0.00	\$335.99
<b>16</b>	<b>Total Distribution Plant</b>	<b>\$4,068,899.14</b>	<b>\$1,661,101.15</b>	<b>\$436,969.57</b>	<b>\$16,962.16</b>	<b>\$0.00</b>	<b>\$5,276,068.56</b>
<b>17</b>	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	390 Structures and Improvements	\$81,765.39	\$0.00	\$22,185.62	\$140.97	\$0.00	\$59,438.80
20	391 Office Furniture and Equipment	\$140,415.44	\$52,555.95	\$27,553.16	\$0.00	\$0.00	\$165,418.23
21	392 Transportation Equipment	\$622,132.09	\$236,350.89	\$30,453.51	\$0.00	\$0.00	\$828,029.47
22	393 Stores Equipment	\$89,984.47	\$0.00	\$4,217.37	\$48.90	\$0.00	\$85,718.20
23	394 Tools, Shop and Garage Equipment	\$27,434.92	\$30,442.21	\$3,388.84	\$0.00	\$0.00	\$54,488.29
24	395 Laboratory Equipment	\$10,227.29	\$0.00	\$1,850.61	\$21.48	\$0.00	\$8,355.20
25	396 Power Operated Equipment	\$3,001.47	\$0.00	\$223.90	\$2.60	\$0.00	\$2,774.97
26	397 Communication Equipment	\$3,334.73	\$0.00	\$1,851.61	\$21.38	\$0.00	\$1,461.74
27	398 Miscellaneous equipment	\$7,217.88	\$18.60	\$892.43	\$0.00	\$0.00	\$6,344.05
28	399 Other Tangible Property	\$15,586.26	\$7,647.20	\$573.31	\$0.00	\$0.00	\$22,660.15
<b>29</b>	<b>Total General Plant</b>	<b>\$1,001,099.94</b>	<b>\$327,014.85</b>	<b>\$93,190.36</b>	<b>\$235.33</b>	<b>\$0.00</b>	<b>\$1,234,689.10</b>
<b>30</b>	<b>Total Electric Plant in Service</b>	<b>\$7,261,656.23</b>	<b>\$2,785,911.07</b>	<b>\$756,700.15</b>	<b>\$11,383.48</b>	<b>\$0.00</b>	<b>\$9,279,483.67</b>
31	104 Utility Plant Leased to Others	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	105 Property Held for Future Use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33	107 Construction Work in Progress	\$503,529.71	\$8,406.20	\$0.00	\$0.00	\$0.00	\$511,935.91
108	Accumulated Depreciation						
<b>34</b>	<b>Total Utility Plant Electric</b>	<b>\$7,765,185.94</b>	<b>\$2,794,317.27</b>	<b>\$756,700.15</b>	<b>\$11,383.48</b>	<b>\$0.00</b>	<b>\$9,791,419.58</b>

**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 M cf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fueled separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kind of Fuel and Oil			
			#2 DIESEL		GAS MCF	
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	\$ 287,158.17	141,757	\$ 287,158.17	0	\$ -
2	Received During Year	34,974.73	0	0.00	5,451	34,974.73
3	<b>TOTAL</b>	<b>\$ 322,132.90</b>	<b>141,757</b>	<b>\$ 287,158.17</b>	<b>5,451</b>	<b>\$ 34,974.73</b>
4	Used During Year (Note A)	\$ 95,367.13	28,124	60,392.40	5,451	\$ 34,974.73
5						
6						
7						
8						
9						
10						
11	Sold or Transferred	\$ -	1,689	0.00	0	\$ -
12	<b>TOTAL DISPOSED OF</b>	<b>\$ 95,367.13</b>	<b>29,813</b>	<b>\$ 60,392.40</b>	<b>5,451</b>	<b>\$ 34,974.73</b>
13	<b>BALANCE END OF YEAR</b>	<b>\$ 226,765.77</b>	<b>111,944</b>	<b>\$ 226,765.77</b>	<b>0</b>	<b>\$0.00</b>

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	<b>TOTAL</b>				
17	Used During Year (Note A)				
18					
19					
20					
21					
22					
23					
24	Sold or Transferred				
25	<b>TOTAL DISPOSED OF</b>				
26	<b>BALANCE END OF YEAR</b>				

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>Line No.</b>	<b>Item (a)</b>	<b>Amount (b)</b>
1	Miscellaneous Non-Operating Income	\$ 122.00
2		
3		
4		
5		
6	<b>TOTAL</b>	\$ 122.00
<b>OTHER INCOME DEDUCTIONS (ACCOUNT 426)</b>		
<b>Line No.</b>	<b>Item (a)</b>	<b>Amount (b)</b>
7	Donations	\$ 15.00
8	Penalties	0.00
9	Expenditures for Civic, Political Activities	68.00
10	Other Interest Expense	0.00
11		
12		
13		
14	<b>TOTAL</b>	\$ 83.00
<b>MISCELLANEOUS CREDITS TO SURPLUS (ACCOUNT 434)</b>		
<b>Line No.</b>	<b>Item (a)</b>	<b>Amount (b)</b>
15	Refund of Prior Years Cost	\$ -
16		
17		
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	\$ -
<b>MISCELLANEOUS DEBITS TO SURPLUS (ACCOUNT 435)</b>		
<b>Line No.</b>	<b>Item (a)</b>	<b>Amount (b)</b>
24	Expensed to Prior Years Cost	\$ -
25		
26		
27		
28		
29		
32	<b>TOTAL</b>	\$ -
<b>APPROPRIATIONS OF SURPLUS (ACCOUNT 436)</b>		
<b>Line No.</b>	<b>Item (a)</b>	<b>Amount (b)</b>
33	Transfer to Town of Hudson Treasury	\$ 225,000.00
34	Transfer to Town of Stow Treasury	37,625.70
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	\$ 262,625.70

<b>MUNICIPAL REVENUES (ACCOUNTS 482, 444)</b>					
<b>(K.W.H. sold under the provisions of Chapter 269, Actions of 1927)</b>					
<b>Line No.</b>	<b>Acct. No.</b>	<b>Gas Schedule (a)</b>	<b>Cubic Feet (b)</b>	<b>Revenue Received (c)</b>	<b>Average Revenue (\$0.0000) (d)</b>
1 2 3 4	482	NOT APPLICABLE			
<b>Electric Schedule (a)</b>					
			<b>K.W.H. (b)</b>	<b>Revenue Received (c)</b>	<b>Average Revenue per K.W.H. (cents) (0.0000) (d)</b>
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	444	Municipal (Other than Street Lighting)			
		All Electric	2,409,000	\$ 279,193.28	11.5896
		Power	9,607,546	1,103,899.36	11.4899
		Commercial	1,324,490	176,465.71	13.3233
		Yard Lighting	22,643	3,307.58	14.6075
		<b>TOTALS</b>	13,363,679	\$ 1,562,865.94	11.6949
		Street Lighting			
		Town of Hudson	1,215,482	\$ 137,813.82	11.3382
		Town of Stow	56,718	\$ 6,430.87	11.3383
		Town of Berlin	350	\$ 39.64	11.3257
		<b>TOTALS</b>	1,272,550	\$ 144,284.33	11.3382
		<b>TOTALS</b>	14,636,229	\$ 1,707,150.27	11.6639
<b>PURCHASED POWER (ACCOUNT 555)</b>					
<b>Line No.</b>	<b>Names of Utilities from Which Electric Energy is Purchased (a)</b>	<b>Where and at What Voltage Received (b)</b>	<b>K.W.H. (c)</b>	<b>Amount (d)</b>	<b>Cost per K.W.H. (cents) (0.0000) (e)</b>
20 21 22 23 24 25 26 27 28 29	See Pages 54, 55, 56 for Details				
		<b>TOTALS</b>	0	0.00	0.0000
<b>SALES FOR RESALE (ACCOUNT 447)</b>					
<b>Line No.</b>	<b>Names of Utilities to Which Electric Energy is Purchased (a)</b>	<b>Where and at What Voltage Received (b)</b>	<b>K.W.H. (c)</b>	<b>Amount (d)</b>	<b>Revenues per K.W.H. (cents) (0.0000) (e)</b>
30 32 33 34 35 36 37 38 39 40	See Pages 52,53 for details				
		<b>TOTALS</b>	0	0.00	0.0000

**ELECTRIC OPERATING REVENUES (Account 400)**

1. Report below the amount of Operating Revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year;  
 2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.  
 3. Number of customers should be reported on the basis of number of meters plus number of flat rate accounts, except that 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 12 figures at the close of each month. If the customer count in the residential service classification includes customer 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.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.  
 5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and 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 of demand. See account 442 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per month	
		Amount for Year (b)	Increase of (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	\$ 13,437,383.33	\$ 312,080.66	100,870,082	2,250,842	10,799	77
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5	3,558,382.74	73,979.75	26,701,964	540,038	1,339	13
5	Large (or Industrial) see instr. 5	20,379,716.49	(708,800.77)	198,738,759	(9,058,183)	154	2
6	444 Municipal Sales; (P. 22)	1,707,150.27	66,257.26	14,636,229	129,361	127	(2)
7	445 Other Sales to Public Authorities	-	-	0	0	0	0
8	446 Sales to Railroads and Railways	-	-	0	0	0	0
9	449 Fuel Charge Adjustment	194,611.97	(269,515.00)	0	0	0	0
10	449 Miscellaneous Electric Sales	121,711.87	1,623.61	587,497	(14,441)	174	4
11	<b>Total Sales to Ultimate Consumers</b>	<b>\$ 39,398,956.67</b>	<b>\$ (524,374.49)</b>	<b>\$ 341,534,531</b>	<b>(6,152,383)</b>	<b>12,593</b>	<b>94</b>
12	447 Sales for Resale	-	-	0	0	0	0
13	Total Sales of Electricity*	\$ 39,398,956.67	\$ (524,374.49)	341,534,531	(6,152,383)	12,593	94
14	<b>OTHER OPERATING REVENUES</b>						
15	450 Forfeited Discounts						
16	451 Miscellaneous Service Revenues						
17	453 Sales of Water and Water Power						
18	454 Rent from Electric Property	\$ 52,190.23	\$ (21,251.02)				
19	455 Interdepartmental Rents		-				
20	456 Other Electric Revenues	444,060.47	334,785.56				
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	<b>Total Other Operating Revenues</b>	<b>\$ 496,250.70</b>	<b>\$ 313,534.54</b>				
26	<b>Total Electric Operating Revenues</b>	<b>\$ 39,895,207.37</b>	<b>\$ (210,839.95)</b>				

\*Includes revenues from application of fuel clauses \$ 18,475,325.09  
 Total kWh to which applied 340,261,981

## SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Line No.	Acct. 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	"A" Domestic Rate	70,358,979	\$ 5,993,645.73	8.5187	8,559	8,556
2	442	"C" Commercial Rate	26,696,922	2,108,964.59	7.8997	1,324	1,339
3	442	"D" Power Rate	198,738,759	9,586,214.19	4.8235	155	154
4	440	"E" Water Heater Residential	16,247,514	1,180,035.96	7.2629	1,387	1,384
5	440	"F" Rate All Electric	14,263,589	996,266.89	6.9847	850	859
6	442	"G" Rate Commercial Heat	5,042	406.73	8.0668	0	0
7	444	Street Lighting	1,272,550	144,284.33	11.3382	7	7
8	444	Municipal Sales	13,341,036	834,205.93	6.2529	127	127
9	449	Yard Lighting	610,140	91,600.14	15.0130	168	167
10	449	Power Adjustment Charge		18,475,325.09			
11							
12							
13							
14							
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43							
44	<b>TOTAL SALES TO ULTIMATE CONSUMERS (Page 37 line 11)</b>		341,534,531	\$ 39,410,949.58	11.5394	12,577	12,593



**ELECTRIC OPERATING 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.

<b>Line No.</b>	<b>Account (a)</b>	<b>Amount for Year (b)</b>	<b>Increase or (Decrease) from Preceding Year (c)</b>
<b>1</b>	<b>POWER PRODUCTION EXPENSES</b>		
<b>2</b>	<b>STEAM POWER GENERATION</b>		
<b>3</b>	<b>Operation:</b>		
<b>4</b>	500 Operation supervision and engineering		
<b>5</b>	501 Fuel		
<b>6</b>	502 Steam expenses		
<b>7</b>	503 Steam from other sources		
<b>8</b>	504 Steam transferred - Cr.		
<b>9</b>	505 Electric expenses		
<b>10</b>	506 Miscellaneous steam power expenses		
<b>11</b>	507 Rents		
<b>12</b>	<b>Total Operation</b>	0.00	0.00
<b>13</b>	<b>Maintenance:</b>		
<b>14</b>	510 Maintenance supervision and engineering		
<b>15</b>	511 Maintenance of structures		
<b>16</b>	512 Maintenance of boiler plant		
<b>17</b>	513 Maintenance of electric plant		
<b>18</b>	514 Maintenance of miscellaneous steam plant		
<b>19</b>	<b>Total Maintenance</b>	0.00	0.00
<b>20</b>	<b>Total power production expenses - steam power</b>	0.00	0.00
<b>21</b>	<b>NUCLEAR POWER GENERATION</b>		
<b>22</b>	<b>Operation:</b>		
<b>23</b>	517 Operation supervision and engineering	\$ 30,412.00	(5,135.00)
<b>24</b>	518 Fuel	68,672.86	9,256.71
<b>25</b>	519 Coolants and water	2,543.00	(467.00)
<b>26</b>	520 Steam expenses	3,389.00	(3,137.00)
<b>27</b>	521 Steam from other sources	0.00	0.00
<b>28</b>	522 Steam transferred - Cr.	0.00	0.00
<b>29</b>	523 Electric expenses	0.00	-
<b>30</b>	524 Miscellaneous nuclear power expenses	52,670.00	887.00
<b>31</b>	525 Rents	0.00	0.00
<b>32</b>	<b>Total operation</b>	\$ 157,686.86	\$ 1,404.71
<b>33</b>	<b>Maintenance</b>		
<b>34</b>	528 Maintenance supervision and engineering	\$ 677.00	\$ (11,377.00)
<b>35</b>	529 Maintenance of structures	4,872.00	(1,724.00)
<b>36</b>	530 Maintenance of reactor plant equipment	10,158.00	(17,162.00)
<b>37</b>	531 Maintenance of electric plant	3,730.00	(2,269.00)
<b>38</b>	532 Maintenance of miscellaneous nuclear plant	771.00	(2,660.00)
<b>39</b>	<b>Total maintenance</b>	\$ 20,208.00	\$ (35,192.00)
<b>40</b>	<b>Total power production expenses-nuclear power</b>	\$ 177,894.86	\$ (33,787.29)
<b>41</b>	<b>HYDRAULIC POWER GENERATION</b>		
<b>42</b>	<b>Operation</b>		
<b>43</b>	535 Operation supervision and engineering		
<b>44</b>	536 Water for power		
<b>45</b>	537 Hydraulic expenses		
<b>46</b>	538 Electric expenses		
<b>47</b>	539 Miscellaneous hydraulic power generation expenses		
<b>48</b>	540 Rents		
<b>49</b>	<b>Total operation</b>	\$ -	\$ -

**ELECTRIC OPERATING AND MAINTENANCE EXPENSES - Continued**

<b>Line No.</b>	<b>Account (a)</b>	<b>Amount for Year (b)</b>	<b>Increase or (Decrease) from Preceding Year (c)</b>
<b>1</b>	<b>HYDRAULIC POWER GENERATION - Continued</b>		
<b>2</b>	<b>Maintenance</b>		
<b>3</b>	541 Maintenance supervision and engineering		
<b>4</b>	542 Maintenance of structure		
<b>5</b>	543 Maintenance of reservoirs, dams and waterways		
<b>6</b>	544 Maintenance of electric plant		
<b>7</b>	545 Maintenance of miscellaneous hydraulic plant		
<b>8</b>	<b>Total maintenance</b>		
<b>9</b>	<b>Total power production expenses - hydraulic power</b>		
<b>10</b>	<b>OTHER POWER GENERATION</b>		
<b>11</b>	<b>Operation</b>		
<b>12</b>	546 Operation supervision and engineering	44,039.35	(354.64)
<b>13</b>	547 Fuel	95,527.09	78,293.82
<b>14</b>	548 Operation expenses	140,091.97	27,337.11
<b>15</b>	549 Miscellaneous other power generation expenses	112,451.43	(7,512.01)
<b>16</b>	550 Rent	0.00	0.00
<b>17</b>	<b>Total operation</b>	392,109.84	97,764.28
<b>18</b>	<b>Maintenance</b>		
<b>19</b>	551 Maintenance supervision and engineering	46,137.40	1,237.12
<b>20</b>	552 Maintenance of structures	142,761.47	(20,921.02)
<b>21</b>	553 Maintenance of generating and electric plant	54,131.77	(13,771.49)
<b>22</b>	554 Maintenance of miscellaneous other power generation plant	1,403.71	(851.74)
<b>23</b>	<b>Total maintenance</b>	244,434.35	(34,307.13)
<b>24</b>	<b>Total power production expenses</b>	636,544.19	63,457.15
<b>25</b>	<b>OTHER POWER SUPPLY EXPENSES</b>		
<b>26</b>	555 Purchased power	27,916,030.17	(548,297.93)
<b>27</b>	556 System control and load dispatching	8,405.35	(380.11)
<b>28</b>	557 Other expenses	0.00	0.00
<b>29</b>	<b>Total other power supply expenses</b>	27,924,435.52	(548,678.04)
<b>30</b>	<b>Total power production expenses</b>	28,738,874.57	(519,008.18)
<b>31</b>	<b>TRANSMISSION EXPENSES</b>		
<b>32</b>	<b>Operation</b>		
<b>33</b>	560 Operation supervision and engineering	0.00	0.00
<b>34</b>	561 Load dispatching	0.00	0.00
<b>35</b>	562 Station Expenses	3,131.99	(91.73)
<b>36</b>	563 Overhead line expenses	1,555.26	1,555.26
<b>37</b>	564 Underground line expenses	0.00	0.00
<b>38</b>	565 Transmission of electricity by others	5,091,625.42	71,574.21
<b>39</b>	566 Miscellaneous transmission expenses	349.94	349.94
<b>40</b>	567 Rents	96,850.00	96,850.00
<b>41</b>	<b>Total operation</b>	5,193,512.61	170,237.68
<b>42</b>	<b>Maintenance</b>		
<b>43</b>	568 Maintenance supervision and engineering	577.94	577.94
<b>44</b>	569 Maintenance of structures	4,635.75	(25.17)
<b>45</b>	570 Maintenance of station equipment	64,120.88	44,845.79
<b>46</b>	571 Maintenance of overhead lines	16,325.00	16,325.00
<b>47</b>	572 Maintenance of underground lines	0.00	0.00
<b>48</b>	573 Maintenance of miscellaneous transmission plant	0.00	0.00
<b>49</b>	<b>Total maintenance</b>	85,659.57	61,723.56
	<b>Total transmission expenses</b>	5,279,172.18	231,961.24

<b>ELECTRIC OPERATING AND MAINTENANCE EXPENSES</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
<b>1</b>	<b>DISTRIBUTION EXPENSES</b>		
<b>2</b>	<b>Operation:</b>		
<b>3</b>	580 Operation supervision and engineering	\$ 50,520.40	\$ (753.37)
<b>4</b>	581 Load dispatching	0.00	-
<b>5</b>	582 Station expenses	123,372.90	350.08
<b>6</b>	583 Overhead line expenses	15,780.72	6,175.01
<b>7</b>	584 Underground line expenses	0.00	-
<b>8</b>	585 Street lighting and signal system expenses	16,364.57	(1,028.30)
<b>9</b>	586 Meter expenses	106,134.03	(23,519.63)
<b>10</b>	587 Customer installations expenses	43,453.72	4,704.05
<b>11</b>	588 Miscellaneous distribution expenses	29,797.86	(18,916.79)
<b>12</b>	589 Rents	0.00	-
<b>13</b>	<b>Total operation</b>	\$ 385,424.20	\$ (32,988.95)
<b>14</b>	<b>Maintenance:</b>		
<b>15</b>	590 Maintenance supervision and engineering	\$ 49,826.46	\$ (2,603.81)
<b>16</b>	591 Maintenance of structures	0.00	-
<b>17</b>	592 Maintenance of station equipment	13,945.51	11,834.64
<b>18</b>	593 Maintenance of overhead lines	620,285.13	14,249.65
<b>19</b>	594 Maintenance of underground lines	20,613.67	(52,308.53)
<b>20</b>	595 Maintenance of line transformers	25,963.53	14,697.35
<b>21</b>	596 Maintenance of street lighting and signal systems	6,629.29	(1,278.67)
<b>22</b>	597 Maintenance of meters	0.00	(5.30)
<b>23</b>	598 Maintenance of miscellaneous distribution plant	803.69	236.77
<b>24</b>	<b>Total maintenance</b>	\$ 738,067.28	\$ (15,177.90)
<b>25</b>	<b>Total distribution expenses</b>	\$ 1,123,491.48	\$ (48,166.85)
<b>26</b>	<b>CUSTOMERS ACCOUNTS EXPENSES</b>		
<b>27</b>	<b>Operation:</b>		
<b>28</b>	901 Supervision	\$ 24,985.48	\$ (430.20)
<b>29</b>	902 Meter reading expenses	35,988.49	4,426.95
<b>30</b>	903 Customer records and collection expenses	363,322.46	18,851.31
<b>31</b>	904 Uncollectible accounts	90,507.40	(2,834.25)
<b>32</b>	905 Miscellaneous customer accounts expenses	0.00	-
<b>33</b>	<b>Total customer accounts expenses</b>	\$ 514,803.83	\$ 20,013.81
<b>34</b>	<b>SALES EXPENSES</b>		
<b>35</b>	<b>Operation:</b>		
<b>36</b>	911 Supervision	0.00	\$ -
<b>37</b>	912 Demonstrating and selling expenses	0.00	-
<b>38</b>	913 Advertising expenses	25.00	(103.00)
<b>39</b>	916 Miscellaneous sales expenses	0.00	(1,836.26)
<b>40</b>	<b>Total sales expenses</b>	\$ 25.00	\$ (1,939.26)
<b>41</b>	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
<b>42</b>	<b>Operation:</b>		
<b>43</b>	920 Administrative and general salaries	\$ 659,079.14	\$ (2,299.31)
<b>44</b>	921 Office supplies and expenses	11,963.44	(6.95)
<b>45</b>	922 Administrative expenses transferred - Cr.	0.00	-
<b>46</b>	923 Outside services employed	128,368.84	66,093.98
<b>47</b>	924 Property insurance	74,880.04	(5,641.92)
<b>48</b>	925 Injuries and damages	140,095.07	38,584.64
<b>49</b>	926 Employees pensions and benefits	1,669,105.02	(20,057.72)
<b>50</b>	928 Regulatory commission expenses	0.00	-
<b>51</b>	929 Duplicate Charges - Cr	0.00	-
<b>52</b>	930 Miscellaneous general expenses	33,154.51	10,955.57
<b>53</b>	931 Rents	0.00	-
<b>54</b>	<b>Total operation</b>	\$ 2,716,646.06	\$ 87,628.29

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

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	\$ 165,703.30	92,567.29
4	933 Transportation Expenses	102,373.83	(13,041.22)
5	Total Maintenance	\$ 268,077.13	\$ 79,526.07
6	<b>Total administrative and general expenses</b>	\$ 3,499,552.02	\$ 185,228.91
7	<b>Total Electric Operation and Maintenance Expenses</b>	\$ 38,641,090.25	\$ (149,984.88)

**SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
8	Power Production Expenses			
9	Electric Generation:			
10	Steam power			
11	Nuclear power	\$ 157,686.86	\$ 20,208.00	\$ 177,894.86
12	Hydraulic power			
13	Other power	392,109.84	244,434.35	636,544.19
14	Other power supply expenses	27,924,435.52	0.00	27,924,435.52
15	<b>Total power production expenses</b>	\$ 28,474,232.22	\$ 264,642.35	\$ 28,738,874.57
16	Transmission Expenses	5,193,512.61	85,659.57	5,279,172.18
17	Distribution Expenses	385,424.20	738,067.28	1,123,491.48
18	Customer Accounts Expenses	514,803.83	0.00	514,803.83
19	Sales Expenses	25.00	0.00	25.00
20	Administrative and General Expenses	2,716,646.06	268,077.13	2,984,723.19
21	Power Production Expenses			
22	<b>Total Electric Operation and Maintenance Expenses</b>	\$ 37,284,643.92	\$ 1,356,446.33	\$ 38,641,090.25

- 23 Ratio operating expenses to operating revenues (carry out decimal two places, e.g.: 0.00%) 98.21%  
Complete 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))
- 24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. \$ 3,043,155.00
- 25 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part time employees) 35

**TAXES CHARGED DURING YEAR**

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.  
 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be showed as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.  
 4. The accounts to which 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 appropriate balance sheet plant account or subaccount.  
 5. For any tax which it is necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.  
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)							
			Electric (Acct. 408, 409) (c)	Gas (Acct. 408, 409) (d)	(e)	(f)	(g)	(h)	(j)	(k)
1	Real Estate Taxes	17,399.32	17,399.32							
2	Payroll Taxes	4,025.00	4,025.00							
3	Income Taxes	\$ -	-							
4										
5										
6										
7										
8										
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25										
26										
27										
28	<b>TOTALS</b>	\$ 21,424.32	\$ 21,424.32							

**OTHER UTILITY OPERATION INCOME (Account 414)**  
**Report below the particulars called for in each column.**

Line No.	Property (a)	Amount of Investment (b)	Amount of Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
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7					
8					
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10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	NONE				
21					
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23					
24					
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28					
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31					
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34					
35					
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42					
43					
44					
45					
46					
47					
48	<b>TOTALS</b>				

**INCOME FROM MERCHANDISING, JOBBING, AND CONTRACT WORK (Account 415)**

Report by utility departments the revenues, costs, expenses and net income from merchandising, jobbing and contract work during 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				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	<b>NONE</b>			
11					
12					
13	Cost and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17					
18					
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	<b>TOTAL COSTS AND EXPENSES</b>				
48	<b>Net Profit (or Loss)</b>				





**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 sale may be grouped.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per KWH (Cents) (0.0000) (p)	Line No.	
			Demand Charges (l)	Energy (m)	Other Charges (n)	Total (o)			
								1	
								2	
								3	
								4	
								5	
								6	
								7	
								8	
								9	
								10	
		NONE						11	
								12	
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								40	
								41	
<b>TOTALS</b>			0	0	0.00	0.00	0.00	0	42



**PURCHASED POWER (Account 555) - Continued**

(except interchange power)

4. If receipt of power is at 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 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 (l) 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)	Kilowatt-hours (k)	Cost of Energy (Omit cents)				Cost per KWH (Cents) (0.0000) (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
NA	115kv	553,212	\$ 45,351.72	\$ 106,720	\$ -	\$ 152,072	27.4888	1
NA	115 kv	5,790,757	\$ 371,021	42,395	\$ -	413,416	7.1392	2
NA	115 kv	4,867,438	\$ 341,742	35,270	\$ -	377,012	7.7456	3
NA	115 kv	20,025,645	\$ 1,223,208	163,888	\$ -	1,387,096	6.9266	4
NA	115 kv	2,230,407	\$ 141,238	18,276	\$ -	159,514	7.1518	5
NA	115 kv	151,642,854	\$ 11,808,007	1,245,277	\$ -	13,053,284	8.6079	6
NA	115 kv	3,259,717	\$ 421,098	274,458	\$ -	695,556	21.3379	7
NA	115 kv	9,146,615	\$ -	233,257	\$ -	233,257	2.5502	8
NA	115 kv	23,744,000	\$ -	1,186,502	\$ -	1,186,502	4.9971	9
NA	115 kv	4,928,000	\$ -	267,008	\$ -	267,008	5.4182	10
NA	115 kv	91,614	\$ -	4,876	\$ -	4,876	5.3219	11
								12
								13
								14
								15
								16
								17
								18
Account # 549		(1,074,778)			(56,390)	(56,390)		19
								20
								21
								22
								23
								24
								25
								26
								27
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								38
								39
								40
<b>TOTALS</b>		225,205,481	\$ 14,351,666	\$ 3,577,925	\$ (56,390)	\$ 17,873,201	7.9364	41

**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 Non-utilities, (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 settlements 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 components were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

coordination, or other such arrangements, 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 amount 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)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-Hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	ISO NEW ENGLAND		Hudson-Marlboro Town Line	115 KV	117,901,332	0	117,901,332	\$9,726,496.76
2	USED AS STATION POWER AND CHARGED TO (549)				(1,074,778)		(1,074,778)	(\$31,595.44)
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				<b>TOTALS</b>	116,826,554	0	116,826,554	\$9,694,901.32

**B. Details of Settlement for Interchange Power**

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NEW ENGLAND	Energy Received by H.L.& P.	\$12,583.32
14		-Capacity	\$8,178,901.33
15		-Energy	\$1,535,012.11
16		-FCM Charge	
17			
18			
19			
20			
21			
		<b>TOTAL</b>	\$9,726,496.76

**ELECTRIC ENERGY ACCOUNT**

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

Line No.	Item (a)		Kilowatt-hours (b)
<b>1</b>	<b>SOURCES OF ENERGY</b>		
2	Generation (excluding station use):		
3	Steam		0
4	Nuclear		8,453,537
5	Hydro		0
6	Other (DIESEL)		868,643
7	Total Generation		9,322,180
8	Purchases		225,205,481
9		In (gross)	117,901,332
10	Interchanges	Out (gross)	0
11		Net (kwh)	117,901,332
12		Received	
13	Transmission for/by others (wheeling)	Delivered	
14		Net (kwh)	
<b>15</b>	<b>TOTAL</b>		<b>352,428,993</b>
<b>16</b>	<b>DISPOSITION OF ENERGY</b>		
17	Sales to ultimate consumers (including interdepartmental sales)		341,534,531
18	Sales for resale		0
19	Energy furnished without charge		0
20	Energy used by the company (excluding station use):		193,281
21	Electric department only		
22	Energy losses:		
23	Transmission and conversion losses	44,128	
24	Distribution losses	10,657,053	
25	Unaccounted for losses	0	
26	Total energy losses		
27	Energy losses as percent of total on line 15	3.0364%	10,701,181
<b>28</b>	<b>TOTAL</b>		<b>352,428,993</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 purchases plus or minus net interchange minus temporary deliveries (not interchange) or 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 minute 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 wheelin. Total for the year should agree with line 15 above.
5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

**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) (See Instr. 4) (g)
29	January	51,700	WEDNESDAY	23	19:00	60 Min.	30,219,721
30	February	48,600	MONDAY	4	19:00	60 Min.	26,732,134
31	March	46,600	THURSDAY	7	19:00	60 Min.	27,961,062
32	April	43,300	TUESDAY	2	21:00	60 Min.	25,797,621
33	May	61,300	FRIDAY	31	15:00	60 Min.	27,545,063
34	June	67,400	MONDAY	24	15:00	60 Min.	30,374,136
35	July	71,300	FRIDAY	19	19:00	60 Min.	36,141,888
36	August	59,800	WEDNESDAY	28	15:00	60 Min.	31,603,196
37	September	65,800	WEDNESDAY	11	17:00	60 Min.	28,592,155
38	October	47,500	MONDAY	7	19:00	60 Min.	28,209,159
39	November	49,100	MONDAY	25	19:00	60 Min.	28,176,870
40	December	54,800	TUESDAY	17	18:00	60 Min.	31,075,987
<b>41</b>	<b>TOTAL</b>						<b>352,428,993</b>

**GENERATING STATION STATISTIC (Large Stations)**

**(Except Nuclear, See Instruction 10)**

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Kw\* or more of installed capacity and other stations of 500 Kw\* or more of installed capacity (name plate ratings). (\*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.

3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.

6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.

7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense account 501 and

Line No.	Item (a)	Plant Cherry St. Sta.	Plant HLP Peaking	Plant (d)
1	Kind of plant (steam, hydro, int. comb., gas turbine)	Int. Comb.	Int. Comb.	
2	Type of plant construction (conventional, outdoor, boiler, full outdoor, etc.)	Conventional	Conventional	
3	Year originally constructed	1897	1962	
4	Year last unit was installed	1972	1962	
5	Total installed capacity (maximum generator name plate ratings in kw)	12,900	4,000	
6	Net peak demand on plant-kilowatts (60 min.)	10,400	2,100	
7	Plant hours connected to load	62	16	
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condensed water	11,200	4,200	
10	(b) When limited by condensed water	11,200	4,200	
11	Average number of employees	8	2	
12	Net generation, exclusive of station use	780,600	121,500	
13	Cost of plant (omit cents)			
14	Land and land rights	5,500		
15	Structures and improvements	758,406	165,996	
16	Reservoirs, dams and waterways			
17	Equipment costs	2,675,747	750,305	
18	Roads, railroads and bridges			
19	Total Cost	3,439,653	916,301	
20	Cost per kw of installed capacity	307	218	
21	Production expenses:			
22	Operation supervision and engineering	44,039.35		
23	Station labor	140,091.97		
24	Fuel	98,573.64		
25	Supplies and expenses, including water	112,451.43		
26	Maintenance	244,434.35		
27	Rents	0.00		
28	Steam from other sources	0.00		
29	Steam transferred - Credit	0.00		
30	Total production expenses	639,590.74		
31	Expenses per net KWH (5 places)	\$0.70900		
32	Fuel: kind	#2 Diesel	Natural Gas	
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	42 Gal	M Cu Ft	
34	Quantity (units) of fuel consumed	670	5,451	
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	139,000 Btu	1030.5 BTU	
36	Average cost of fuel per unit, del. f.o.b plant	0.00000	6.41620	
37	Average cost of fuel per unit consumed	90.18920	6.41620	
38	Average cost of fuel consumed per million B.t.u	15.46268	6.22630	
39	Average cost of fuel consumed per kwh net gen.	0.10572		
40	Average B.t.u. per kwh net generation	10,556		
41				
42				

**GENERATING STATION STATISTIC (Large Stations)**

The Hudson Light & Power Department is a .07737% owner of Seabrook Unit #1 located at Seabrook, N.H. The generation statistics are as follows:

Line No.	Item (a)	Plant (b)
1	Kind of Plant	Nuclear
2	Type of Plant Construction	Fully Contained
3	Year Originally Constructed	1990
4	Year Last Unit Was Installed	1990
5	Total Installed Capacity	1296 MW
6	Net Peak Demand On Plant	1,255.4
7	Plant Hours Connected To Load	8,760
8	Net Continuous Plant Capability	
9	(a) When not limited by condenser water	1,246
10	(b) When limited by condenser water	1,246
11	Average number of employees	649
12	Net generation, exclusive of station use	10,926,115
13	Fuel: Kind	Nuclear
14	Unit	Grams
15	Quantity of Fuel Burned	1,732,546
16	Average Heat Content of Fuel Burned	6.31x10 <sup>7</sup> BTU/Gr
17	Average BTU Per KWH Net Generation	9,975
18		
19		
20		
21		
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**GENERATING STATION STATISTICS (Large Stations) - Continued  
(Except Nuclear, See Instruction 10)**

547 as shown on line 24.

8. The items under cast of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

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

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses, (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
						1
						2
						3
						4
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						7
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						45

**NOT APPLICABLE**



**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)	BOILERS				
			Number and Year Installed (c)	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)
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3							
4							
5							
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37							

NOT APPLICABLE

\*Indicate 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 lease, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

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

**Turbine-Generators\***

Year Installed (h)	Type~ (i)	Steam Pressure at Throttle p.s.i.g (j)	R.P.M. (k)	in Kilowatts		Name Plate Rating		Power Factor (p)	Voltage K.v.~~~ (p)	Station Capacity Maximum Name Plate Rating~~~~ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	at Maximum Hydrogen Pressure (m)	Hydrogen Pressure~~					
						Min. (n)	Max. (o)				
											1
											2
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											36
<b>TOTALS</b>											37

N O T A P P L I C A B L E

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 characteristic.
- ~~~~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			Gross Static Head With Pond Full (g)
				Attended or Unattended (d)	Type of Unit (e)	Year Installed (f)	
1							
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37							

**NOT APPLICABLE**

\*Horizontal or vertical. Also indicate type of runner - Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

**HYDROELECTRIC GENERATING STATIONS (Continued)**

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

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

Water-Wheels - Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings.) (q)	Line No.	
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)			
										1	
										2	
										3	
										4	
										5	
										6	
										7	
										8	
										9	
										10	
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										36	
										37	
			<b>TOTALS</b>								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				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Cherry St	Cherry Street, Hudson	Diesel	Nordberg-MFG Co.	1951	2	Direct
2	Cherry St	Cherry Street, Hudson	Diesel	Nordberg-MFG Co.	1955	2	Direct
3	Cherry St	Cherry Street, Hudson	Diesel	Cooper-Bessemer	1972	4	Direct
4							
5							
6							
7							
8							
9							
10	Hudson Light	Cherry Street, Hudson	Diesel	Fairbanks-Morse	1962	2	Direct
11	Peaking Plt.	Cherry Street, Hudson	Diesel	Fairbanks-Morse	1962	2	Direct
12							
13							
14							
15	Cherry St.	Cherry Street, Hudson	Solar	Evergreen Solar	2008	NA	Direct
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
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37							
38							
39							

**COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued**  
(except nuclear stations)

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

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

Prime Movers - Continued		Generators						Total Installed Generating Capacity In Kilowatts (name plate rating)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (i)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit In Kilowatts (n)	Numbers of Units in Station (o)	(p)	
4,250	4,250	1951	4,160	3 ph	60 cyl.	3,300	1	3,000	1
5,100	9,350	1955	4,160	3 ph	60 cyl.	4,000	1	3,600	2
7,760	21,360	1972	4,160	3 ph	60 cyl.	5,600	1	5,600	3
									4
									5
									6
									7
									8
									9
3,168	3,168	1962	4,160	3 ph	60 cyl.	2,000	1	2,100	10
3,168	6,336	1962	4,160	3 ph	60 cyl.	2,000	1	2,100	11
									12
									13
NA	NA	2008	120	1 ph	60 cyl.	2.5	1	2.5	15
									16
									17
									18
									19
									20
									21
									22
									23
									24
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									37
									38
<b>TOTALS</b>						16,903	6	16,403	39

**GENERATING STATION STATISTICS (Small Stations)**

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW\* and other stations of less than 500 KW\* installed capacity (name plate ratings). (\*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.  
 2. Designate any plant leased from others, operated under a license from the Federal Power Commission,

or operated as a joint facility, and give a concise statement of the facts in a footnote.  
 3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.  
 4. Specify if total plant capacity is reported in kva instead of kilowatts.

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

Line No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating-KW (c)	Peak Demand KW (60 Min.) (d)	Generation Excluding Station Use (e)	Cost of Plant (Omit cents) (f)	Plant Cost\ Per KW Ins. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) (0.0000) (l)
								Labor\ (h)	Fuel (i)	Other (j)		
1												
2												
3												
4												
5												
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25												
26												
27												
28	TOTALS											

NOT APPLICABLE

**TRANSMISSION LINE STATISTICS**

Report information concerning transmission lines as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Marlboro-Hudson	Forest Avenue	115 KV	Steel poles	3.2		2	336.4 MCM ACSR "Linnet"
2	Town lines	Substation,						
3	at River Street	Hudson						
4								
5								
6								
7								
8								
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44								
45								
46								
47	<b>TOTALS</b>				3.2	None	2	

\*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 a capacity of 5,000 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 h sub-station 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 nature of lessor, date and period of lease and annual rent. For any substation or equipment operated other than reasons of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or 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 in 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 Trans-formers In Service (g)	Number of Spare Trans-formers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Second-ary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Cherry Street, Hudson, MA	Unattended Distribution	13800/8000	4160/2400	Not Brought Out	19,200	2	None	None	None	None
2											
3											
4											
5	Forest Avenue, Hudson, MA	Unattended 13.8 Distribution & Diesel Tie Tie with NGRID	115 KV	13800/8000	NA	120,000	3	None	None	None	None
6											
7											
8											
9											
10											
11											
12											
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28											
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30											
31											
32	<b>TOTALS</b>					139,200	5	None	None	None	None

**OVERHEAD DISTRIBUTION LINES OPERATED**

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	192.3		192.3
2	Added During Year	1.6		1.6
3	Retired During Year	None		None
4	Miles - End of Year	193.9		193.9
5				
6				
7				
8	Distribution System Characteristics - A.C. or D.C., phase, cycles and operating voltages for Light and Power.			
9				
10	Primary distribution at 2400/4160Y, 4800/8300Y, 8000/13800Y volts, 60 cycle,			
11	3 phase secondary power at 600 volts, 60 cycle, 3 phase 3 wire; 480 volts 3			
12	phase, 3 wire; 277/480 volts, 3 phase 4 wire; 220 volts, 3 phase 3 or 4 wire;			
13	120/208 volts, 3 phase, 4 wire lighting, heating and air conditioning			
14	120/240 volts, 120/208 volts, 60 cycle single or three phase.			
15				

**ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS**

Line No.	Item	Electric Services	Number of Watt-Hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year	8,661	13,527	4,303	184,299.0
17	Added during year:				
18	Purchased		264	11	1,000.0
19	Installed	27	1,735	0	0.0
20	Associated with utility plant acquired	None	None	None	None
21	Total additions	27	1,999	11	1,000.0
22	Reductions during year:				
23	Retirements	5	1,612	39	570.0
24	Associated with utility plant sold	None	None	None	None
25	Total reductions	5	1,612	39	570.0
26	Number at End of Year	8,683	13,914	4,275	184,729.0
27	In stock		668	456	20,092.8
28	Locked meters on customers' premises		None	None	None
29	Inactive transformers on system		None	None	None
30	In customers' use		13,221	3,811	164,502.2
31	In company's use		25	8	134.0
32	Number at End of Year		13,914	4,275	184,729.0

**CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)**  
**Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.**

Line No.	Designation of Underground Distribution 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	Route 495 Underpass	0.10	0.10	13,800		
2	Harvard Acres Estates, Stow	7.30	7.30	13,800		
3	Meadowbrook Mobile Home Park, Hudson	1.90	1.90	13,800		
4	Colburn and Margaret Circle, Hudson - Direct Bury	0.00	0.20	4,800		
5	Main, Felton and Central Street, Hudson	0.75	0.75	13,800		
6	Seven Star Lane, Stow	0.09	0.09	13,800		
7	Forest Avenue, Hudson	0.50	0.50	13,800		
8	Circuit Dr., Stow (Juniper Estates)	0.50	0.50	13,800		
9	Carriage Lane, Stow	0.19	0.33	13,800		
10	Brigham Circle, Hudson	1.29	0.50	13,800		
11	Rustic Lane, Hudson - Direct Bury	0.00	0.20	4,800		
12	Wildwood Subdivision, Stow - Direct Bury	0.00	2.00	13,800		
13	Birch Hill Estates, Stow	3.60	3.60	13,800		
14	Appleton Drive, Hudson	0.10	0.10	13,800		
15	Cedar Street, Hudson	0.03	0.03	13,800		
16	Deacon Benham Drive, Stow - Direct Bury	0.00	0.07	13,800		
17	Forest Road, Stow	0.22	0.22	13,800		
18	Francis Circle, Stow	0.49	0.49	13,800		
19	Karen Circle, Hudson	0.07	0.07	13,800		
20	Main Street, Hudson (Whispering Pines)	0.11	0.11	13,800		
21	Glen Road, Hudson	0.24	0.24	13,800		
22	Brigham Street, Hudson (Valley Park)	0.14	0.14	13,800		
23	Brigham Street, Hudson (Assabet Village)	0.23	0.50	13,800		
24	Chapin Road, Hudson	0.07	0.07	13,800		
25	Cahill Taylor Road, Stow	0.25	0.25	13,800		
26	Great Road, Stow	0.07	0.07	13,800		
27	Kane Industrial Drive, Hudson	0.05	0.05	13,800		
28	Peter's Grove, Hudson	0.05	0.05	13,800		
29	Johnston Way, Stow	0.20	0.20	13,800		
30	Hudson Town Hall, Hudson	0.08	0.08	13,800		
31	Sudbury Road, Stow (Off Pole 121)	0.34	0.34	13,800		
32	Parmenter Road, Hudson (Off Pole 16-1)	0.10	0.10	13,800		
33						
34	<b>TOTALS</b>	19.06	21.15		None	None

\*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 Distribution 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	Off River Rd. Hudson	0.05	0.05	13,800		
2	Central St. Hudson	0.34	0.34	13,800		
3	Off Harvard Rd., Stow	0.07	0.07	13,800		
4	Shay Rd. Hudson	0.07	0.07	13,800		
5	Kerrington Way, Stow	0.07	0.07	13,800		
6	Merritt Drive, Hudson	0.09	0.09	13,800		
7	Washington St., Hudson	0.10	0.10	13,800		
8	Reed Road, Hudson (Quail Run)	1.00	1.00	13,800		
9	Causeway St. Hudson	0.12	0.12	13,800		
10	Santos Drive, Hudson	0.12	0.12	8,320		
11	Boxmill Rd., Stow	0.13	0.13	13,800		
12	Beachwood Lane, Hudson	0.14	0.14	13,800		
13	Bonazzoli Ave., Hudson	0.20	0.20	13,800		
14	Maura Drive, Stow	0.19	0.19	13,800		
15	Annie Terrace Drive, Hudson	0.20	0.20	13,800		
16	Tiffany Lane, Hudson (Forance Woods)	0.21	0.21	13,800		
17	Cabot Rd., Hudson	0.22	0.22	13,800		
18	Hazelwood Drive, Hudson	0.24	0.24	13,800		
19	October Lane, Stow	0.24	0.24	13,800		
20	Barton Road, Stow	0.26	0.50	13,800		
21	Heath Hen Trail, Stow	0.26	0.26	13,800		
22	Technology Drive, Hudson	0.28	0.50	13,800		
23	Solo Rd., Hudson	0.28	0.28	13,800		
24	Appleblossom Lane, Stow	0.34	0.34	13,800		
25	Bennett St., Hudson	0.39	0.39	13,800		
26	Orchard Drive, Hudson	0.50	0.50	13,800		
27	Blueberry Lane, Hudson	0.58	0.58	13,800		
28	Brigham Estates, Hudson	0.80	0.80	13,800		
29	Stow Farms, Stow	0.86	0.86	13,800		
30	Washington St., Hudson (Walmart)	0.97	0.97	13,800		
31	Abigal Rd., Hudson (Ashford Meadows)	0.99	0.99	13,800		
32	Farm Rd., Stow (Red Acre Estates)	1.08	1.08	13,800		
33	Manning St., Hudson (Indian Ridge Estates)	1.31	1.31	13,800		
34	<b>TOTALS</b>	12.70	13.16		None	None

\*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 Distribution 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	Woodman's Dr., Stow	0.01	0.01	13,800		
2	Coolidge St., Hudson	0.09	0.09	13,800		
3	Loring St., Hudson	0.04	0.04	4,160		
4	Nixon Road, Hudson	0.04	0.04	13,800		
5	428 Main Street, Hudson	0.06	0.06	13,800		
6	Redco Rd., Hudson	0.13	0.13	13,800		
7	Russett Lane, Stow	0.14	0.14	13,800		
8	Farley School, Hudson	0.16	0.16	13,800		
9	Deerfield Rd., Stow	0.19	0.19	13,800		
10	Zanderway, Stow	0.19	0.19	13,800		
11	Tiffany Lane Hudson (Forance Woods )	0.21	0.21	13,800		
12	Wedgewood Country Club, Stow	0.21	0.21	13,800		
13	Brigham St., Hudson	0.21	0.21	13,800		
14	Manning St., Hudson (Mallard Estates)	0.22	0.09	13,800		
15	Cabot Drive, Hudson	0.23	0.23	13,800		
16	Cranberry Lane, Hudson	0.24	0.24	13,800		
17	Indian Ridge, Stow	0.24	0.24	13,800		
18	Maple St., Stow	0.25	0.25	13,800		
19	Weatherbee Lane, Stow	0.27	0.27	13,800		
20	Brenton Wood Rd., Hudson	0.28	0.28	13,800		
21	Pine Ridge Rd., Stow	0.29	0.29	13,800		
22	Parmenter Rd., Hudson	0.30	0.30	13,800		
23	Minister's Way, Stow	0.31	0.31	13,800		
24	Heritage Lane, Stow	0.33	0.33	13,800		
25	Allen Rd., Hudson	0.35	0.35	8,320		
26	New Rd., Hudson	0.39	0.39	13,800		
27	South St. Hudson	0.42	0.25	13,800		
28	Wheeler Road, Stow	1.00	1.00	13,800		
29	Laurel Drive, Hudson	0.89	0.89	13,800		
30	Courtland Drive, Hudson	0.94	0.94	13,800		
31	Chadwick Rd., Hudson	0.02	0.02	13,800		
32	Main St., Hudson	0.49	0.49	13,800		
33	<b>TOTALS</b>	9.14	8.84		None	None

\*Indicate number of conductors per cable.

<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 Distribution 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	Day Circle, Hudson	0.03	0.03	13,800		
2	Wheldon Rd., Stow	0.03	0.17	13,800		
3	Lincoln st., Hudson	0.10	0.05	4,800		
4	Pheasant Trail, Hudson	0.11	0.11	13,800		
5	Eliot Drive, Stow	0.13	0.13	13,800		
6	Chestnut St., Hudson	0.16	0.16	13,800		
7	Hickory Lane, Stow	0.17	0.17	13,800		
8	Washington St., Hudson	0.22	0.22	8,000		
9	Lane's End, Stow	0.33	0.33	13,800		
10	Princeton Circle, Hudson	0.38	0.38	2,400		
11	Exeter Drive, Hudson	0.46	0.46	13,800		
12	Atherton Drive , Hudson	0.52	0.52	13,800		
13	Great Rd., Stow ( E T & L )	0.57	0.25	13,800		
14	Pondview Estates, Stow	1.23	1.23	8,000		
15	Cold Spring Lane, Hudson	1.31	0.11	13,800		
16	Kattail Lane, Hudson	0.33	0.33	13,800		
17	Riffles Lane, Hudson	0.07	0.07	13,800		
18	Korolath River Road, Hudson	0.09	0.02	13,800		
19	Wildlife Way, Stow	0.45	0.45	13,800		
20	Hiley Brook Rd, Stow	0.31	0.15	13,800		
21	General Way, Hudson	0.01	0.37	13,800		
22	Fallsbrook Rd., Hudson	0.21	0.21	13,800		
23	Danforth Brook Rd., Bolton	2.65	2.65	8,320		
24	Kelly Lane, Hudson	0.18	0.18	13,800		
25	Brigham St., Hudson (Hudson High School)	0.32	0.32	13,800		
26	Parmenter Rd., Hudson (Lincoln Tool)	0.06	0.06	13,800		
27	Parmenter Rd., Hudson (Boyd Coating)	0.03	0.03	13,800		
28	Green Meadow Lane, Hudson	0.19	0.19	4,160		
29	Great Rd, Stow	0.10	0.10	13,800		
30	Boxboro Rd., Stow	0.14	0.14	13,800		
31	Great Road, Stow (Meetinghouse Lane)	0.17	0.17	13,800		
32	Claire Circle, Hudson	0.18	0.18	13,800		
33	Patriot Lane, Hudson	0.52	0.52	4,800		
34	<b>TOTALS</b>	11.76	10.46		None	None

\*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 Distribution 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	Salamander Way, Stow	0.20	0.20	13,800		
2	Wildlife Way, Stow	0.60	0.60	13,800		
3	Point Rd., Stow	0.18	0.18	13,800		
4	Autumn Drive, Hudson	0.43	0.43	13,800		
5	Bradley Lane, Stow	0.06	0.06	13,800		
6	Taylor Rd., Stow	0.31	0.31	13,800		
7	Hillcrest Rd., Stow	0.04	0.04	13,800		
8	Deerpath Lane, Hudson	0.15	0.15	13,800		
9	Bramble Path, Stow	0.20	0.20	13,800		
10	Fairway Drive, Stow	0.70	0.70	13,800		
11	Main St. Hudson ( Aucellio Iron Works)	0.01	0.01	13,800		
12	Strawberry Lane, Hudson	0.16	0.16	13,800		
13	River Rd., Hudson	0.05	0.05	13,800		
14	Cranberry Way, Stow	0.15	0.15	13,800		
15	Treffrey Lane, Stow	0.59	0.59	13,800		
16	Old Bolton Rd., Stow	0.13	0.13	13,800		
17	Gerry Rd., Hudson	0.32	0.32	13,800		
18	Elaine Circle, Hudson	0.29	0.29	13,800		
19	Sylvan Dr., Stow	0.30	0.30	13,800		
20	Whispering Way, Stow	0.12	0.12	13,800		
21	Orchard Dr., Stow ( Stow Villages)	0.97	0.97	13,800		
22	Judith Rd., Hudson	0.12	0.12	13,800		
23	Julian Dr., Hudson	0.07	0.07	13,800		
24	Bolton St., Hudson	0.23	0.23	13,800		
25	Hammond Circle, Hudson	0.08	0.08	13,800		
26	Freeman Circle, Hudson,	0.31	0.31	13,800		
27	Sauta Farm Way, Hudson ( Sauta Farms )	0.29	0.29	13,800		
28	Knotts Clearing, Hudson	0.06	0.06	13,800		
29	Sandy Knoll Development	0.12	0.12	13,800		
30	Elaine Circle, Hudson	0.30	0.30	13,800		
31	Westridge Rd	0.19	0.19	13,800		
32	Technology Dr.	0.09	0.09	13,800		
33	Sauta Farm Way, Hudson ( Sauta Farms )	0.19	0.19	13,800		
34	<b>TOTALS</b>	8.02	8.02		None	None

\*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 Distribution 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	Coolidge St.	0.02	0.02	13,800		
2	Villages at Stow (Great Rd.)	0.76	0.76	13,800		
3	Arbour Glenn (Hudson Rd.)	0.28	0.28	13,800		
4	Arbour Glenn Pumps	0.19	0.19	13,800		
5	Minuteman Airport (Boxboro Rd.)	0.21	0.21	13,800		
6	Stow Villages (Golden Dr.)-S	0.15	0.15	13,800		
7	Arbor Glenn (Hudson Rd.)-S	0.08	0.08	13,800		
8	Reed Rd	0.08	0.08	13,800		
9	Walgreen's (Washington St)	0.05	0.05	13,800		
10	RK Plaza (Washington St.)	0.27	0.27	13,800		
11	Highland Commons (Coolidge St)	0.46	0.46	13,800		
12	Shaws Fire Pump (Samuel Prescott Rd)	0.01	0.01	13,800		
13	Stop & Shop Gas (Tech Dr)	0.07	0.07	13,800		
14	Lowe's (Coolidge St)	0.10	0.10	13,800		
15	Arbor Glenn (Hudson Rd.)	0.20	0.20	13,800		
16	Mass Wildlife Refuge (Sudbury Rd)	0.04	0.04	13,800		
17	Hanafords Plaza (Washington St)	0.05	0.05	13,800		
18	Stow Villages (Golden Dr.)	0.28	0.28	13,800		
19	Wildlife Way	0.19	0.19	13,800		
20	Highland Commons (Coolidge St)	0.20	0.20	13,800		
21	Arbor Glen - S	0.13	0.13	13,800		
22	Westridge (Tech Dr) - S	0.10	0.10	13,800		
23	Dunster Dr - S	0.40	0.40	13,800		
24	Lincoln St - S	0.08	0.08	13,800		
25	Dudley Rd	0.10	0.10	13,800		
26	Great Rd (Center School)	0.10	0.10	13,800		
27	Brook St	0.04	0.04	13,800		
28	Highland Commons East	0.40	0.40	13,800		
29	Forbes Rd	0.20	0.20	13,800		
30	Manning St (JFK School)	0.10	0.10	13,800		
31	Highgrove Estates (W. Acton Rd)	0.25	0.25	13,800		
32	Dudley Rd (Phase 2)	0.23	0.23	13,800		
33	Bush Rd	0.01	0.01	13,800		
34	<b>TOTALS</b>	5.82	5.82		None	None

\*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 Distribution 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	Main St (P87-1 Kane Farm House)	0.01	0.01	13,800		
2	Dudley Rd, berlin	0.50	0.50	13,800		
3	Exeter Rd, Hudson	1.00	1.00	13,800		
4	Steven Rd, Hudson	0.50	0.50	13,800		
5	Broad St, Hudson	0.10	0.10	13,800		
6	Johnson Way, Stow	-0.08	-0.08	13,800		
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34	<b>TOTALS</b>	2.03	2.03		None	None

\*Indicate number of conductors per cable.

**STREET LAMPS CONNECTED TO SYSTEM**

Line No.	City or Town (a)	Total (b)	T y p e							
			Incandescent		Mercury Vapor		Fluorescent		H. P. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Hudson	2,141	362	9	779	119			619	253
2	Stow	125	1	1	4	20			64	35
3	Berlin	1							1	
4	Marlboro	3								3
5	Bolton	1								1
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52	<b>TOTAL</b>	2271	363	10	783	139			684	292

**RATE SCHEDULE INFORMATION**

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

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
01/01/11	260	Domestic Rate "A"	No Change	
01/01/11	261	Commercial All Electric Rate "G"	No Change	
06/21/12	275	Commercial and Industrial Rate "D"	No Change	
01/01/11	267	Farm Rate "FD"	No Change	
01/01/11	262	Residential Water Heater Rate "E"	No Change	
01/01/11	263	Residential All Electric Rate "F"	No Change	
01/01/11	266	General or Commercial Rate "C"	No Change	
01/01/11	264	Farm Rate "FC"	No Change	
01/01/11	268	Street Lighting Schedule	No Change	
01/01/11	234	Municipal Street Lighting Rate		\$8
01/01/14	280	Standard Terms and Conditions	No Change	

**THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY**

.....  
*Mayor*

*Yakov D. Levin*

.....  
*General Manager of Electric Light*

YAKOV D. LEVIN

*Roland L. Plante*

ROLAND L. PLANTE

*Joseph J. Marinelli*

JOSEPH J. MARINELLI

*Paul Huehmer*

PAUL HUEHMER

*Selectmen  
or  
Members  
of the  
Municipal  
Light  
Board*

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

*Middlesex*

ss

*April 23 2014*

Then personally appeared

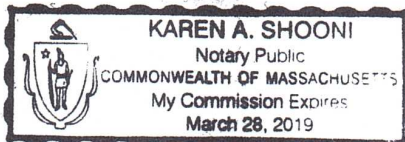
*Yakov D Levin*

*Roland L. Plante*

*Joseph J. Marinelli*

*Paul Huehmer*

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



*Karen Shooni*

*Notary Public or  
Justice of the Peace.*

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