



Commonwealth of Massachusetts
Department of Public Utilities
Verrett Saltonstall Building, Government Ce
100 Cambridge Street, Boston 02202

TO THE MAYORS, SELECTMEN, MUNICIPAL LIGHTS BOARDS AND MANAGERS OF
MUNICIPAL LIGHTING IN THE SEVERAL CITIES AND TOWNS IN THIS COMMON-
WEALTH OPERATING GAS OR ELECTRIC LIGHT PLANTS:

This form of the Annual Return should be filled out and one original and a duplicate copy (which may be a photocopy) should be returned to the Office of the Department of Public Utilities 1 South Station Boston Massachusetts, 02202 by March 31st of the year following the calendar year of the report in accordance with the statutes of the Commonwealth and the regulations of the Department made in pursuance thereof.

Where the word "None" truly and completely states the fact, it should be given as the answer to any particular inquiry or portion of an inquiry.

If respondent so desires, cents may be omitted in the balance sheet, income statement and supporting schedules. All supporting schedules on an even-dollar basis, however, shall agree with even-dollar amounts in the main schedules. Averages and extracted figures, where cents are important, must show cents for reasons which are apparent.

Special attention is called to the legislation in regard to the Returns printed in the last page.



Commonwealth of Massachusetts

RETURN
OF THE
MUNICIPAL LIGHTING PLANTS OF
THE TOWN OF
RUSSELL
TO THE
DEPARTMENT OF
TELECOMMUNICATION AND ENERGY
OF MASSACHUSETTS

For the Year Ended December 31,

2011

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

Official Title: **Alan Robinson**
RMLD Manager

Office Address: **200 Main Street**
Russell, MA 01071

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FOR GAS PLANTS ONLY:

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GENERAL INFORMATION

1.	Name of town (or city) making report.	RUSSELL
2.	<p>If the town (or city) has acquired a plant, Kind of plant, whether gas or electric. Owner from whom purchased, if so acquired. Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No, Date when town (or city) began to sell gas and electricity,</p>	1922
3.	Name and address of manager of municipal lighting:	
	Alan Robinson 336 New Ludlow Road Chicopee, MA 01020	
4.	Name and address of mayor or selectmen:	
	Pandora Hague General Knox Road Russell, MA 01071	
	Nancy Mezger Huntington Road Russell, MA 01071	
	Keith Cortis Blandford Road Russell, MA 01071	
5.	Name and address of town (or city) treasurer:	
	Susan B. Maxwell Blandford Stage Road Russell, MA 01071	
6.	Name and address of town (or city) clerk:	
	Virginia Hardie Rocky Brook Drive Russell, MA 01071	
7.	Names and addresses of members of municipal light board:	
	Daniel LaBombard Shattuck Road Russell, MA 01071	
	Carol Lucardi Westwood Drive Russell, MA 01071	
	Edward Stewart Pine Hill Road Russell, MA 01071	
8.	Total valuation of estates in town (or city) according to last State valuation (taxable)	\$132,485,520
9.	Tax rate for all purposes during the year:	
	Residential	\$18.16
	Open Space	
	Commercial/Industrial/Personal Property	\$18.16
10.	Amount of manager's salary:	\$66,560
11.	Amount of Manager's bond:	\$500

12. Amount of salary paid to members of municipal light board (each):

\$700

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

INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS.....	
2	FROM SALE OF ELECTRICITY	
3	FROM RATE STABILIZATION FUND.....	
4	TOTAL	\$0.00
5	Expenses:	
6	For operation, maintenance and repairs.....	
7	For interest on bonds, notes or scrip.....	
8	For depreciation fund (3% on \$ 839,833.86 as per page 8B).....	\$25,195.02
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	
12	For loss in preceding year.....	
13	TOTAL	\$25,195.02
14		
15	Cost:	
16	Of gas to be used for municipal buildings.....	
17	Of gas to be used for street lights.....	
18	Of electricity to be used for municipal buildings.....	
19	Of electricity to be used for street lights.....	
20	Total of the above items to be included in the tax levy.....	\$0.00
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers' Meters, December 31	City or Town	Number of Customers' Meters, December 31.
		Russell	470
		TOTAL	470

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	19	, to be paid from {	\$	_____
* At	meeting	19	, to be paid from {	\$	_____

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

- 1. Street Lights..... \$ _____
- 2. Municipal Buildings..... \$ _____

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

CHANGES IN THE 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:

In gas property:

Annual Report of

Year ended December 31 2011

BONDS

(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
	Total	\$0.00	\$0.00				0.00

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bond and notes are repaid, report the first three columns only.

*Date of meeting and whether regular or special

TOWN NOTES
 (ISSUED ON ACCOUNT OF GAS OR ELECTRIC LIGHTING)

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount of Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
	TOTAL	\$0.00					\$0.00

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

--

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights.....						
3	331 Structures and Improvements.....						
4	332 Reservoirs, Dams and Waterways						
5	333 Water wheels, Turbines and Generators.....						
6	334 Accessory Electric Equipment.....						
7	335 Miscellaneous Power Plant Equipment.....						
8	336 Roads, Railroads and Bridges.....						
9	Total Hydraulic Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	D. Other Production Plant						
11	340 Land and Land Rights.....						
12	341 Structures and Improvements.....						
13	342 Fuel Holders, Producers and Accessories.....						
14	343 Prime Movers.....						
15	344 Generators.....						
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	Total Other Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	Total Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	3. Transmission Plant						
21	350 Land and Land Rights.....						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements.....						
24	353 Station Equipment.....						
25	354 Towers and Fixtures.....						
26	355 Poles and Fixtures.....						
27	356 Overhead Conductors and Devices...						
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices						

30	359 Roads and Trails.....						
31	Total Transmission Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	\$100.00					\$100.00
3	361 Structures and Improvements						
4	362 Station Equipment	\$31,000.00					\$31,000.00
5	363 Storage Battery Equipment						
6	364 Poles, Towers and Fixtures	\$53,937.76	\$2,301.70	(\$1,655.00)			\$54,584.46
7	365 Overhead Conductors and Devices	\$91,540.00	\$4,615.00	(\$2,670.00)			\$93,485.00
8	366 Underground Conduits						
9	367 Underground Conductors & Devices						
10	368 Line Transformers	\$188,736.59	\$11,673.66	(\$4,120.83)			\$196,289.42
11	369 Services	\$51,198.00					\$51,198.00
12	370 Meters	\$33,458.80	\$4,668.96	(\$5,390.00)			\$32,737.76
13	371 Installation on Cust's Premises						
14	372 Leased Prop. on Cust's Premises						
15	373 Street Light and Signal Systems	\$26,670.00	\$1,800.00				\$28,470.00
16	Total Distribution Plant	\$476,641.15	\$25,059.32	(\$13,835.83)	\$0.00	\$0.00	\$487,864.64
17	5. GENERAL PLANT						
18	389 Land and Land rights						
19	390 Structures and Improvements						
20	391 Office Furniture and Equipment	\$9,148.68					\$9,148.68
21	392 Transportation Equipment	\$301,849.28	\$2,000.00	(\$10,000.00)			\$293,849.28
22	393 Stores Equipment						
23	394 Tools, Shop and Garage Equipment	\$13,752.66					\$13,752.66
24	395 Laboratory Equipment						
25	396 Power Operated Equipment	\$23,699.50	\$11,619.10				\$35,318.60
26	397 Communication Equipment						
27	398 Miscellaneous Equipment						
28	399 Other Tangible Property						
29	Total General Plant	\$348,450.12	\$13,619.10	(\$10,000.00)	\$0.00	\$0.00	\$352,069.22
30	Total Electric Plant in Service	\$825,091.27	\$38,678.42	(\$23,835.83)	\$0.00	\$0.00	\$839,933.86
31		L COST OF PLANT.....					\$839,933.86
32							
33		Less Cost of Land, Land Rights, and Rights of Way					\$100.00
34		Total Cost upon which depreciation is based					\$839,833.86

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.

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Year ended December 31 2011

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant -Electric.....	\$471,695.82	\$472,460.70	\$764.88
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....			
5	Total Utility Plant.....	\$471,695.82	\$472,460.70	\$764.88
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	(\$240,737.36)	(\$240,768.24)	(\$30.88)
14	128 Other Special Funds.....			
15	Total Funds.....	(\$240,737.36)	(\$240,768.24)	(\$30.88)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	\$440,737.49	\$475,814.68	\$35,077.19
18	132 Special Deposits.....			
19	132 Working Funds.....			
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	\$102,899.33	\$103,236.19	\$336.86
22	143 Other Accounts Receivable.....	\$71,352.94	\$51,730.30	(\$19,622.64)
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	\$128,408.49	\$123,738.50	(\$4,669.99)
25				
26	165 Prepayments.....			
27	174 Miscellaneous Current Assets			
28	Total Current and Accrued Assets...	\$743,398.25	\$754,519.67	\$11,121.42
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....			
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....	(\$6,000.00)	(\$11,700.00)	(\$5,700.00)
33	Total Deferred Debits.....	(\$6,000.00)	(\$11,700.00)	(\$5,700.00)
34				
35	Total Assets and Other Debits.....	\$968,356.71	\$974,512.13	\$6,155.42

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction.....			
3	SURPLUS			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....			
6	207 Appropriations for Construction Repayment..			
7	208 Unappropriated Earned Surplus (P. 12).....	\$1,074,750.48	\$1,085,528.08	\$10,777.60
8	Total Surplus.....	\$1,074,750.48	\$1,085,528.08	\$10,777.60
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....			
11	231 Notes Payable (P 7).....			
12	Total Bonds and Notes.....	\$0.00	\$0.00	\$0.00
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	\$95,496.54	\$74,166.26	(\$21,330.28)
15	234 Payables to Municipality.....			
16	235 Customer Deposits.....	\$9,800.00	\$9,000.00	(\$800.00)
17	236 Taxes Accrued.....			
18	237 Interest Accrued.....			
19	242 Miscellaneous Current and Accrued Liabilities	\$8,130.05	\$4,428.03	(\$3,702.02)
20	Total Current and Accrued Liabilities..	\$113,426.59	\$87,594.29	(\$25,832.30)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....			
25	Total Deferred Credits	\$0.00	\$0.00	\$0.00
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....			
28	261 Property Insurance Reserve.....			
29	262 Injuries and Damages Reserves.....			
30	263 Pensions and Benefits.....	\$20,917.00	\$42,158.00	\$21,241.00
31	265 Miscellaneous Operating Reserves.....	(\$240,737.36)	(\$240,768.24)	(\$30.88)
32	Total Reserves.....	(\$219,820.36)	(\$198,610.24)	\$21,210.12
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....			
35	Total Liabilities and Other Credits	\$968,356.71	\$974,512.13	\$6,155.42

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.

--

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	OPERATING INCOME		
2	400 Operating Revenue (P. 37 and P. 43)	\$691,707.59	(\$5,678.75)
3	Operating Expenses:		
4	401 Operation Expense (P.42).....	\$711,054.18	\$83,749.70
5	402 Maintenance Expense (P. 42).....	\$36,651.71	(\$76,367.52)
6	403 Depreciation Expense	\$24,461.01	(\$266.71)
7	407 Amortization of Property Losses.....		
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses.....	\$772,166.90	\$7,115.47
11	Operating Income.....	(\$80,459.31)	(\$12,794.22)
12	414 Other Utility Operating Income (P.50).....	\$90,498.68	\$62,417.29
13			
14	Total Operating Income.....	\$10,039.37	\$49,623.07
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)		
17	419 Interest Income.....	\$707.35	(\$429.39)
18	421 Miscellaneous Income.....		
19	Total Other Income.....	\$707.35	(\$429.39)
20	Total Income.....	\$10,746.72	\$49,193.68
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization.....		
23	426 Other Income Deductions.....		
24	Total Income Deductions.....	\$0.00	\$0.00
25	Income before Interest Charges.....	\$10,746.72	\$49,193.68
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes.....		
28	428 Amortization of Debt Discount and Expense.....		
29	429 Amortization of Premium on Debt.....		
30	431 Other Interest Expense.....		
31	432 Interest Charged to Construction-Credit.....		
32	Total Interest Charges	\$0.00	\$0.00
33	Net Income.....	\$10,746.72	\$49,193.68

EARNED SURPLUS

Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		\$1,074,750.48
35			
36			
37	433 Balance transferred from Income.....		\$10,746.72
38	434 Miscellaneous Credits to Surplus.....		
39	435 Miscellaneous Debits to Surplus.....		
40	436 Appropriations of Surplus (P.21).....		\$24,461.01
41	437 Surplus Applied to Depreciation.....		(\$24,430.13)
42	208 Unappropriated Earned Surplus (at end of period).....		\$1,085,528.08
43			
44	TOTALS		

CASH BALANCES AT END OF YEAR (Account 131)		
Line No.	Items (a)	Amount (b)
1	Operation Fund.....	\$475,814.68
2	Interest Fund.....	
3	Bond Fund.....	
4	Construction Fund.....	
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	\$475,814.68

MATERIALS AND SUPPLIES (Account 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).....		
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	\$123,738.50	
17	Merchandise (Account 155).....		
18	Other Materials and Supplies (Account 156).....		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159).....		
22	Stores Expense (Account 163).....		
23	Total per Balance Sheet	\$123,738.50	

Depreciation Fund Account (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	

25	Balance of Account at Beginning of Year.....	(\$240,737.36)
26	Income During Year from Balance on Deposit.....	\$25,195.01
27	Amount Transferred from Income.....	\$13,452.53
28	TOTAL	(\$202,089.82)
29		
30	CREDITS	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	(\$38,678.42)
32	Amounts Expended for Renewals.....	
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	
40	TOTAL	(\$240,768.24)

UTILITY PLANT -- ELECTRIC

1. Report below the items of utility plant in service according to prescribed accounts
 2. Do not include as adjustments, corrections of additions and retirements for the current or the 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 or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4							
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
14	Total Steam Production Plant						
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	Total Nuclear Production Plant						
23							



UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	c. Hydraulic Production Plant						
2	330 Land and Land Rights.....						
3	331 Structures and Improvements.....						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators.....						
6	334 Accessory Electric Equipment.....						
7	335 Miscellaneous Power Plant Equipment.....						
8	336 Roads, Railroads and Bridges.....						
9	Total Hydraulic Production Plant						
10	D. Other Production Plant						
11	340 Land and Land Rights.....						
12	341 Structures and Improvements.....						
13	342 Fuel Holders, Producers and Accessories.....						
14	343 Prime Movers.....						
15	344 Generators						
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	Total Other Production Plant						
19	Total Production Plant						
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights.....						
22	351 Clearing Land and Rights of Way..						
23	352 Structures and Improvements..						
24	353 Station Equipment.....						
25	354 Towers and Fixures						
26	355 Poles and Fixtures.....						
27	356 Overhead Conductors and Device..						
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....						
31	Total Transmission Plant						



UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights.....	\$100.00					\$100.00
3	361 Structures and Improvements.....						
4	362 Station Equipment.....	\$18,705.07		(\$930.00)			\$17,775.07
5	363 Storage Battery Equipment.....						
6	364 Poles and Fixtures.....	\$27,843.47	\$2,301.70	(\$836.87)		(\$1,655.00)	\$27,653.30
7	365 Overhead Conductors and Devices...	\$20,938.62	\$4,615.00	(\$745.28)		(\$2,670.00)	\$22,138.34
8	366 Underground Conduits.....						
9	367 Underground Conductors and Devices						
10	368 Line Transformers.....	\$106,609.53	\$11,673.66	(\$4,095.54)		(\$4,120.83)	\$110,066.82
11	369 Services.....	\$17,219.27		(\$1,535.94)			\$15,683.33
12	370 Meters.....	\$23,959.76	\$4,668.96	\$548.10		(\$5,390.00)	\$23,786.82
13	371 Installation on Cust's Premises....						
14	372 Leased Prop. on Cust's Premises....						
15	373 Street Light and Signal Systems.....	\$12,372.20	\$1,800.00	(\$854.10)			\$13,318.10
16	Total Distribution Plant	\$227,747.92	\$25,059.32	(\$8,449.63)	\$0.00	(\$13,835.83)	\$230,521.78
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....						
19	390 Structures and Improvements.....						
20	391 Office Furniture and Equipment.....	\$2,551.53		(\$274.46)			\$2,277.07
21	392 Transportation Equipment.....	\$220,101.94	\$2,000.00	(\$4,615.48)		(\$10,000.00)	\$207,486.46
22	393 Stores Equipment.....						
23	394 Tools, Shop and Garage Equipment...	\$9,250.91		(\$412.58)			\$8,838.33
24	395 Laboratory Equipment.....						
25	396 Power Operated Equipment.....	\$12,777.52	\$11,619.10	(\$1,059.56)			\$23,337.06
26	397 Communication Equipment.....						
27	398 Miscellaneous Equipment.....						
28	399 Other Tangible Property.....						
29	Total General Plant	\$244,681.90	\$13,619.10	(\$6,362.08)	\$0.00	(\$10,000.00)	\$241,938.92
30	Total Electric Plant in Service	\$472,429.82	\$38,678.42	(\$14,811.71)	\$0.00	(\$23,835.83)	\$472,460.70
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....						
	108 Accumulated Depreciation						
34	Total Utility Electric Plant	\$472,429.82	\$38,678.42	(\$14,811.71)	\$0.00	(\$23,835.83)	\$472,460.70



**PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)
(Except Nuclear Materials)**

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

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of year					
2	Received During Year					
3	TOTAL					
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF					
13	BALANCE END OF YEAR					

Line No.	Item (g)	Kinds of Fuel and Oil -- Continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					



MISCELLANEOUS NON-OPERATING INCOME (Account 421)

Line No.	Item (a)	Amount (b)
1	Interest Income	\$707.35
2		
3	Other	\$90,498.68
4		
5		
6	TOTAL	\$91,206.03

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	\$0.00

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33		
34		
35		
36		
37		
38		
39		
40	TOTAL	

**MUNICIPAL REVENUES (Accounts 482,444)
(K.W.H. Sold under the Provision of Chapter 269, Acts of 1927)**

Line No.	Acct No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue per M.C.F. [\$0.0000] (d)
1					
2					
3	482				
4		TOTALS			
Line No.		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [\$0.0000] (d)
5					
6	444	Municipal: (Other Than Street Lighting)	11,688	\$1,635.60	0.1399
7					
8		TOTALS	11,688	\$1,635.60	
9		Street Lighting	50,880	\$7,833.48	0.1540
10					
11		TOTALS	50,880	\$7,833.48	
12					
13					
14					
15					
16					
17					
18					
19		TOTALS	62,568	9,469.08	0.1513

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Cost per K.W.H. cents [0.0000] (e)
20	Westfield Gas & Electric	2,400.00	4,741,436	\$382,020.72	0.0806
21	Pasny (via MMWEC)		374,337	\$9,634.22	0.0257
22	NU / WMECO-Transmission		13,200	\$30,804.00	2.3336
23					
24					
25					
26					
27					
28					
29		TOTALS	5,128,973	\$422,458.94	0.0824

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (c)	Revenues per K.W.H. [cents] [0.0000] (e)
30	None				
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS			

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 the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

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 or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales.....	\$487,504.13	\$7,555.34	3,290,627	60,243	428	0
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5.....	\$194,734.38	(\$13,285.09)	1,343,496	(95,562)	32	0
5	Large (or Industrial) see instr. 5.....						
6	444 Municipal Sales (P.22)	\$9,469.08	\$51.00	62,568	12	10	0
7	445 Other Sales to Public Authorities.....						
8	446 Sales to Railroads and Railways.....						
9	448 Interdepartmental Sales.....						
10	449 Miscellaneous Electric Sales.....						
11	Total Sales to Ultimate Consumers.....	\$691,707.59	(\$5,678.75)	4,696,691	-35,307	470	0
12	447 Sales for Resale.....						
13	Total Sales of Electricity*.....	\$691,707.59	(\$5,678.75)	4,696,691	-35,307	470	0
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts.....						
16	451 Miscellaneous Service Revenues.....						
17	453 Sales of Water and Water Power.....						
18	454 Rent from Electric Property.....						
19	455 Interdepartmental Rents.....						
20	456 Other Electric Revenues.....	\$91,206.03	\$60,987.90				
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues.....	\$91,206.03	\$60,987.90				
26	Total Electric Operating Revenues.	\$782,913.62	\$55,309.15				

*Includes revenues from application of fuel clauses
 Total KWH to which applied

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SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered)		
						July 31 (e)	December 31 (f)	
1	440	A1 Residential	3,290,627	\$487,504.13	0.1481	428	428	
2		A1H Uncontrolled Water Heating						
3		A1C Controlled Water Heating						
4		X1 Co-generation Small Power Prod.						
5	442	E1 Small General Service	1,343,496	\$194,734.38	0.1449	32	32	
6		G1 Small General Service						
7		G2 Large General Service						
8		H1 Commercial Heating and Cooling						
9		P1 Industrial						
10	444	MG1 Municipal	11,688	\$1,635.60	0.1399	9	9	
11		MG2 Municipal						
12		MH1 Municipal						
13		MP1 Municipal						
14		Street Lighting	50,880	\$7,833.48	0.1540	1	1	
15		L1 Area Lighting						
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48	TOTAL SALES TO ULTIMATE CONSUMERS							
49	(Page 37 Line 11)			4,696,691	691,707.59	0.1473	470	470

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.
2. If the increases and decreases are not divided from previously reported figures explain in footnote.

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSE		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering.....		
5	501 Fuel.....		
6	502 Steam expense.....		
7	503 Steam from other sources.....		
8	504 Steam transferred -- Cr.....		
9	505 Electric expenses.....		
10	506 Miscellaneous steam power expenses.....		
11	507 Rents.....		
12	Total Operation		
13	Maintenance:		
14	510 Maintenance supervision and engineering.....		
15	511 Maintenance of structures.....		
16	512 Maintenance of boiler plant.....		
17	513 Maintenance of electric plant.....		
18	514 Maintenance of miscellaneous steam plant.....		
19	Total Maintenance		
20	Total power production expenses -- steam power		
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering.....		
24	518 Fuel.....		
25	519 Coolants and water.....		
26	520 Steam expense.....		
27	521 Steam from other sources.....		
28	522 Steam transferred -- Cr.....		
29	523 Electric expenses.....		
30	524 Miscellaneous nuclear power expenses.....		
31	525 Rents.....		
32	Total Operation		
33	Maintenance:		
34	528 Maintenance supervision and engineering.....		
35	529 Maintenance of structures.....		
36	530 Maintenance of reactor plant equipment.....		
37	531 Maintenance of electric plant.....		
38	532 Maintenance of miscellaneous nuclear plant.....		
39	Total Maintenance		
40	Total power production expenses -- nuclear power		
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering.....		
44	536 Water for power.....		
45	537 Hydraulic expenses.....		
46	538 Electric expenses.....		
47	539 Miscellaneous hydraulic power generation expenses.....		
48	540 Rents.....		
49	Total Operation		

(continued on page 40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - CONTINUED		
2	Maintenance:		
3	541 Maintenance Supervision and Engineering.....		
4	542 Maintenance of Structures.....		
5	543 Maintenance of Reservoirs, Dams and Waterways.....		
6	544 Maintenance of Electric Plant.....		
7	545 Maintenance of Miscellaneous Hydraulic Plant.....		
8	Total Maintenance		
9	Total Power Production Expenses - Hydraulic Power		
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering.....		
13	547 Fuel.....		
14	548 Operation Expenses.....		
15	549 Miscellaneous Other Power Generation Expenses.....		
16	550 Rents.....		
17	Total Operation		
18	Maintenance:		
19	551 Maintenance Supervision and Engineering.....		
20	552 Maintenance of Structure.....		
21	553 Maintenance of Generating and Electric Plant.....		
22	554 Maintenance of Miscellaneous Other Power Generation Plant		
23	Total Maintenance		
24	Total Power Production Expenses - Other Power		
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	\$422,122.87	(\$2,836.54)
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....		
29	Total Other Power Supply Expenses	\$422,122.87	(\$2,836.54)
30	Total Power Production Expenses	\$422,122.87	(\$2,836.54)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering.....		
34	561 Load Dispatching.....		
35	562 Station Expenses.....		
36	563 Overhead Line Expenses.....		
37	564 Underground Line Expenses.....		
38	565 Transmission of Electricity by Others.....		
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	Total Operation		
42	Maintenance:		
43	568 Maintenance Supervision and Engineering.....		
44	569 Maintenance of Structures.....		
45	570 Maintenance of Station Equipment.....		
46	571 Maintenance of Overhead Lines.....		
47	572 Maintenance of Underground Lines.....		
48	573 Maintenance of Miscellaneous Transmission Plant.....		
49	Total Maintenance		
50	Total Transmission Expenses		

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation Supervision and Engineering.....	\$47,172.51	(\$15,655.69)
4	581 Load Dispatching.....		
5	582 Station Expenses.....	\$27,618.33	\$47,272.00
6	583 Overhead Line Expenses.....		
7	584 Underground Line Expenses.....		
8	585 Street Lighting and Signal System Expenses.....		
9	586 Meter Expenses.....		
10	587 Customer Installations Expenses.....		
11	588 Miscellaneous Distribution Expenses.....		
12	589 Rents.....		
13	Total Operation	\$74,790.84	\$31,616.31
14	Maintenance:		
15	590 Maintenance supervision and engineering.....		
16	591 Maintenance of Structures.....		
17	592 Maintenance of Station Equipment.....	\$28,795.10	\$3,054.40
18	593 Maintenance of Overhead Lines.....	\$10,295.58	(\$64,574.91)
19	594 Maintenance of Underground Lines.....		
20	595 Maintenance of Line Transformers.....	(\$2,865.32)	(\$13,796.22)
21	596 Maintenance of Street Lighting and Signal Systems....	(\$1,383.54)	(\$2,860.68)
22	597 Maintenance of Meters.....	\$1,809.89	\$1,809.89
23	598 Maintenance of Miscellaneous Distribution Plant.....		
24	Total Maintenance	\$36,651.71	(\$76,367.52)
25	Total Distribution Expenses	\$111,442.55	(\$44,751.21)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....		
29	902 Meter Reading Expenses.....	\$543.35	(\$225.61)
30	903 Customer Records and Collection Expenses.....	\$20,712.57	\$134.31
31	904 Uncollectable Accounts.....	\$5,699.98	\$5,700.04
32	905 Miscellaneous Customer Accounts Expenses.....	\$285.50	\$353.00
33	Total Customer Accounts Expenses	\$27,241.40	\$5,961.74
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....		
37	912 Demonstrating and Selling Expenses.....		
38	913 Advertising Expenses.....		
39	916 Miscellaneous Sales Expense.....		
40	Total Sales Expenses		
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	\$2,100.00	\$0.00
44	921 Office Supplies and Expenses.....	\$0.00	(\$559.94)
45	922 Administrative Expenses Transferred - Cr.....		
46	923 Outside Services Employed.....	\$89,618.41	\$12,207.72
47	924 Property Insurance.....		
48	925 Injuries and Damages.....		
49	926 Employees Pensions and Benefits.....	\$52,878.81	\$2,778.12
50	928 Regulatory Commission Expenses.....		
51	929 Duplicate Charges - Cr.....		
52	930 Miscellaneous General Expenses.....	\$42,301.85	\$34,582.29
53	931 Rents.....		
54	Total Operation	\$186,899.07	\$49,008.19

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE EXPENSES		
2	Maintenance:		
3	932 Maintenance of General Plant.....		
4	933 Transportation expense.....		
5	Total Maintenance	0.00	0.00
6	Total Administrative and General Expenses		
7	Total Electric Operation and Maintenance Expenses	747,705.89	7,382.18

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.....			
12	Hydraulic Power.....			
13	Other Power.....			
14	Other Power Supply Expenses.....	\$422,122.87		\$422,122.87
15	Total Power Production Expenses	\$422,122.87	\$0.00	\$422,122.87
16	Transmission Expenses.....			
17	Distribution Expenses.....	\$74,790.84	\$36,651.71	\$111,442.55
18	Customer Accounts Expenses.....	\$27,241.40		\$27,241.40
19	Sales Expenses.....			
20	Administrative and General Expenses.....	\$186,899.07		\$186,899.07
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	\$711,054.18	\$36,651.71	\$747,705.89

23	Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%) Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407).....	1.12
24	Total salaries and wages of electric department for year, including amounts charged to oper- ating expenses, construction and other accounts.....	
25	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)	7

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column.

Line No.	Property (a)	Amount of Investment (b)	Amount of Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS	\$0.00	\$0.00	\$0.00	\$0.00

INCOME FROM MERCHANDISE, 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 (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising 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.....	\$0.00	\$0.00	\$0.00	\$0.00
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16					
17	Labor				
18	Materials				
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses.....				
27	Customer accounts expenses.....				
28	Administrative and general expenses.....				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	\$0.00	\$0.00	\$0.00	\$0.00

51	Net Profit (or Loss)	\$0.00	\$0.00	\$0.00	\$0.00
----	----------------------	--------	--------	--------	--------

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 Charges (m)	Other Charges (n)	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
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								16
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								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
	TOTALS	0	\$0.00	\$0.00	\$0.00	\$0.00	0.0000	35

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS. 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).
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
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)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 minutes		4,741,436	\$382,020.72			\$382,020.72	0.0806	1
60 minutes		374,337	\$9,634.22			\$9,634.22	0.0257	2
60 minutes		13,200	\$30,804.00			\$30,804.00	2.3336	3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36
	TOTALS	5,128,973	\$422,458.94	\$0.00	\$0.00	\$422,458.94	0.0824	37

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

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

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

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

B. Details of Settlement for Interchange Power

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

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)	Kilowatt-hours (b)
SOURCES OF ENERGY		
1	Generation (excluding station use):	
3	Steam..... Gas Turbine Combined Cycle	
4	Nuclear.....	
5	Hydro.....	
6	Other..... Diesel	
7	Total generation.....	5,128,973
8	Purchases.....	
9	{ In (gross)	
10	Interchanges..... { Out (gross) ..	
11	{ Net (Kwh).....	
12	{ Received.....	
13	Transmission for/by others (Wh..... { Delivered.....	
14	{ Net (kwh).....	
15	TOTAL	5,128,973
DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales).....	4,696,691
18	Sales for resale.....	
19	Energy furnished without charge	36,000
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	4,732,691
22	Energy losses:	
23	Transmission and conversion losses.....	
24	Distribution losses.....	396,282
25	Unaccounted for losses.....	
26	Total energy losses.....	396,282
27	Energy losses as percent of total on line 15..... 7.73%	
28	TOTAL	5,128,973

MONTHLY PEAKS AND OUTPUT

- 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.
- 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.
- State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.)
- Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
- If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

Braintree 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						464,915
30	February						424,318
31	March						405,561
32	April						341,970
33	May						367,563
34	June						345,896
35	July						425,173
36	August						445,950
37	September						363,592
38	October						345,056
39	November						354,335
40	December						412,362
41	TOTAL						4,696,691

Annual Report of

Year ended December 31 2011

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear, See Instruction 10)

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

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

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

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

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

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

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

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
		POTTER I	DIESELS	POTTER 2
1	Kind of plant (steam, hydro, int. com., gas turbine)	Steam	I.C.	Gas Turbine C.C.
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	Conventional	Conventional	Conventional
3	Year originally constructed			
4	Year last unit was installed			
5	Total installed capacity (maximum generator name plate ratings in kw)			
6	Net peak demand on plant-kilowatts (60 min.)			
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees			
12	Net generation, exclusive of station use			
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements			
16	Reservoirs, dams, and waterways			
17	Equipment costs			
18	Roads, railroads, and bridges			
19	Total cost	\$0	\$0	\$0
20	Cost per kw of installed capacity	#DIV/0!	#DIV/0!	#DIV/0!
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel			
25	Supplies and expenses, including water			
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	Total production expenses	\$0.00	\$0.00	\$0.00
31	Expenses per net Kwh (5 places)	0.0000	#DIV/0!	#DIV/0!
32	Fuel: Kind		Oil	Oil
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	Station did not operate in 1997	bbls.	bbls.
34	Quantity (units) of fuel consumed			
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)			
36	Average cost of fuel per unit, del. f.o.b. plant			
37	Average cost of fuel per unit consumed			
38	Average cost of fuel consumed per million B.t.u.			
39	Average cost of fuel consumed per kwh net gen.			
40	Average B.t.u. per kwh net generation			

41				
42				

GENERATING STATION STATISTICS (Large Stations) -- Continued
(Except Nuclear, See Instruction 10)

547 as shown on Line 24

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

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

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.
POTTER II Gas Turbine C.C. 94,065						1
						2
						3
						4
						5
						6
						7
						8
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						11
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					25	
					26	
					27	
					28	
					29	
					30	
					31	
					32	
Gas						33
M Cu. Ft.						
992,793						34
1,029						35
						36
2.92						37
2.92						38
2.84						
0.030799						40
10,860						41

STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1					1,250	950	130,000
2					620	820	220,000
3							
4							
5							
6							
7							
8							
9							
10							
11							
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36							
37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

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

4. Designate any generating station or portion thereof leased to another company and give name 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.

Turbine-Generators*

Year Installed (h)	Type (i)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating** (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				1959	SC	1250	3,600				
1977	SC	620	3,600			Air	Cooled	0.9	13.8	20,700	1
1977	SC		3,600	78,000	78,000	0.5#	15.0#	0.9	13.8	78,000	2
											3
											4
											5
											6
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											32
											33
											34
											35
											36
TOTALS											37

Note references:

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

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

** Designate air cooled generators.

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

*+ Shoule agree with column (m).

HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	*** NONE ***						
12							
13							
14							
15							
16							
17							
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19							
20							
21							
22							
23							
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36							
37							

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

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

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

Specify whether lessee is an associated company.

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

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (l)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
		*** NONE ***							1	
									2	
									3	
									4	
									5	
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									37	
									38	
TOTALS									39	

COMBUSTION ENGINE AND OTHER GENERATING STATIONS

(except nuclear stations)

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Potter II	Potter Road	Diesel	Fairbank-Morse	1977	2	Direct
2							
3							
4							
5							
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39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS -- Continued

(except nuclear stations)

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

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

Prime Movers -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
3,600	3,600	1977	4,160	3	60	2,665	1	2,250	1
									2
									3
									4
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									37
									38
TOTALS									39



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								
2								
3								
4								
5								
6								
7								
8								
9								
10								
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33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				0.00		0	

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

32					TOTALS	0	0	0			
----	--	--	--	--	--------	---	---	---	--	--	--

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	28.25		28.25
2	Added During Year			0.00
3	Retired During Year			
4	Miles - End of Year	28.25		28.25
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (Kva)
16	Number at beginning of year.....	470		155	
17	Additions during year:				
18	Purchased.....				
19	Installed.....				
20	Associated with utility plant acquired.....				
21	Total additions.....	0	0	0	0
22	Reduction during year:				
23	Retirements.....				
24	Associated with utility plant sold.....				
25	Total reductions.....	0	0	0	0
26	Number at End of Year.....	470	0	155	0
27	In Stock.....				
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....				
31	In Companys' Use.....				
32	Number at End of Year.....		0	155	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						
2						
3						
4						
5						
6						
7						
8						
9						
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11						
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26						
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28						
29						
30						
31						
32						
33						
34	TOTALS	0.0	0.00			

*Indicate number of conductors per cable.



STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	TYPE								
			Incandescent		Mercury Vapor		Fluorescent		High Press. Sodium		
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)	
1	Town of Russell	107								107	
2											
3											
4											
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49											
50											
51											
52	TOTALS	107	0		0					107	

RATE SCHEDULE INFORMATION

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

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues	
			Increases	Decrease
		***** SEE ATTACHED WORKSHEETS *****		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....

Mayor

.....

Manager of Electric Light

.....

.....

**Selectmen
or
Members
of the
Municipal
Light
Borad**

.....

.....

.....

