



The Commonwealth of Massachusetts

RETURN

OF THE

TOWN OF LITTLETON

TO THE

**DEPARTMENT OF
PUBLIC UTILITIES**

OF MASSACHUSETTS

For the Year Ended December 31,

2012

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

Gerald Young Jr

Official Title: **Business Manager**

Office Address: **39 Ayer Road
Littleton, MA 01460**

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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	\$30,197,176.00
3	FROM RATE STABILIZATION FUND.....	\$991,521.00
4	TOTAL	\$31,188,697.00
5	Expenses:	
6	For operation, maintenance and repairs.....	\$30,104,627.00
7	For interest on bonds, notes or scrip.....	\$27,506.00
8	For depreciation fund (3% on \$ 30,654,390 as per page 8B).....	\$919,631.00
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	\$136,933.00
12	For loss in preceding year.....	
13	TOTAL	\$31,188,697.00
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.....	606,772.00
19	Of electricity to be used for street lights.....	30,129.00
20	Total of the above items to be included in the tax levy.....	\$636,901.00
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	\$636,901.00

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.
		LITTLETON	4,154
		BOXBOROUGH	2,346
		TOTAL	6,500

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.....	\$	30,129.00
2. Municipal Buildings.....		606,772.00
	\$	<u>636,901.00</u>

*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:

Continued upgrade of entire system

In gas property:

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	
Apr-1999	Ded-1999	\$2,500,000.00	\$135,000.00	2000 thru 2006	5.43 Variable	semi annually	1,088,533.33
		\$78,000.00	\$138,666.67	2008 thru 2009			
			\$142,133.33	2010 thru 2011			
			\$140,400.00	2012			
			\$138,666.67	2013			
			\$136,933.33	2014			
			\$135,200.00	2015			
			\$133,466.67	2016			
			\$131,733.33	2017			
			\$130,000.00	2018			
			Total	\$2,578,000.00			

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		
			NONE					
	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

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4							
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights.....						\$0.00
8	311 Structures and Improvements.....						\$0.00
9	312 Boiler Plant Equipment.....						\$0.00
10	313 Engines and Engine Driven Generators.....						
11	314 Turbogenerator Units.....						\$0.00
12	315 Accessory Electric Equipment.....						\$0.00
13	316 Miscellaneous Power Plant Equipment.....						\$0.00
14							\$0.00
15	Total Steam Production Plant.....	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	B. Nuclear Production Plant						
17	320 Land and Land Rights.....						
18	321 Structures and Improvements.....						
19	322 Reactor Plant Equipment.....						
20	323 Turbogenerator Units.....						
21	324 Accessory Electric Equipment.....						
22	325 Miscellaneous Power Plant Equipment.....						
23	Total Nuclear Production Plant...	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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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.....	2,658		(2,658)			0
25	354 Towers and Fixtures.....						
26	355 Poles and Fixtures.....	657		(657)			(0)
27	356 Overhead Conductors and Devices...	11,392		(164)			11,228
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails.....						
31	Total Transmission Plant	14,707	0	(3,479)	0	0	11,228

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	1,312,675					1,312,675	
3	361 Structures and Improvements	417,830					417,830	
4	362 Station Equipment	4,757,994					4,757,994	
5	363 Storage Battery Equipment	12,026					12,026	
6	364 Poles, Towers and Fixtures	1,418,136	47,117	-26,554		-3,600	1,435,099	
7	365 Overhead Conductors and Devices	4,068,416	148,286		-1,139,021		3,077,681	
8	366 Underground Conduits	994,994	13,202				1,008,196	
9	367 Underground Conductors & Devices	2,418,742	39,762		-258,076		2,200,428	
10	368 Line Transformers	3,075,280	142,270	-1,132			3,216,418	
11	369 Services	773,730	47,122				820,852	
12	370 Meters	565,157	3,689	-1,901			566,945	
13	371 Installation on Cust's Premises	207,707	314				208,021	
14	372 Leased Prop. on Cust's Premises							
15	373 Street Light and Signal Systems	299,038	456				299,494	
16	Total Distribution Plant	20,321,725	442,219	-29,587	-1,397,097	-3,600	19,333,660	
17	5. GENERAL PLANT							
18	389 Land and Land rights							
19	390 Structures and Improvements	5,692,442			2,244,741		7,937,183	
20	391 Office Furniture and Equipment	1,279,464	146,084		-664,929		760,619	
21	392 Transportation Equipment	2,199,444	170,971	-104,264			2,266,151	
22	393 Stores Equipment	29,644			-5,432		24,212	
23	394 Tools, Shop and Garage Equipment	500,044			-29,949		470,095	
24	395 Laboratory Equipment	340,226	11,512		-9,951		341,787	
25	396 Power Operated Equipment	322,681			-11,820		310,861	
26	397 Communication Equipment	446,834			-20,299		426,535	
27	398 Miscellaneous Equipment	86,824			-2,089		84,735	
28	399 Other Tangible Property							
29	Total General Plant	10,897,603	328,567	-104,264	1,500,272	0	12,622,178	
30	Total Electric Plant in Service	31,230,556	770,786	-133,851	103,175	-3,600	31,967,066	
31	TOTAL COST OF PLANT.....							
32								
33	Less Cost of Land, Land Rights, and Rights of Way							1,312,676
34	Total Cost upon which depreciation is based							30,654,390

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.

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.....	18,134,170	19,791,562	1,657,392
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....			
5	Total Utility Plant.....	18,134,170	19,791,562	1,657,392
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	3,863,299	2,892,021	(971,278)
14	128 Other Special Funds.....	10,698,098	11,313,309	615,211
15	Total Funds.....	14,561,397	14,205,330	(356,067)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....		873,760	
18	132 Special Deposits.....			
19	132 Working Funds.....	1,000	1,000	0
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	2,527,276	1,915,380	(611,896)
22	143 Other Accounts Receivable.....	82,252	(50,563)	(132,814)
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	954,472	922,940	(31,532)
25				
26	165 Prepayments.....	1,986,625	1,976,434	(10,192)
27	174 Miscellaneous Current Assets			
28	Total Current and Accrued Assets...	5,551,625	5,638,951	87,326
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....	57,986	57,986	0
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....	313,760	0	(313,760)
33	Total Deferred Debits.....	371,747	57,986	(313,760)
34				
35	Total Assets and Other Debits.....	38,618,939	39,693,829	1,074,890

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).....	36,148,563	35,744,916	(403,647)
8	Total Surplus.....	36,148,563	35,744,916	(403,647)
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....	946,400	806,000	(140,400)
11	224 Other notes payable (P. 7)			
12	Total Bonds and Notes.....	946,400	806,000	(140,400)
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	485,483	567,867	82,384
15	234 Payables to Municipality.....			
16	235 Customer Deposits.....			
17	236 Taxes Accrued.....			
18	237 Interest Accrued.....			
19	242 Miscellaneous Current and Accrued Liabilities	358,277	1,838,825	1,480,549
20	Total Current and Accrued Liabilities...	843,760	2,406,692	1,562,933
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....	0	0	0
25	Total Deferred Credits	0	0	0
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....	90,000	62,516	(27,484)
28	261 Property Insurance Reserve.....			
29	262 Injuries and Damages Reserves.....			
30	263 Pensions and Benefits.....	590,216	673,706	83,490
31	265 Miscellaneous Operating Reserves.....			
32	Total Reserves.....	680,216	736,222	56,006
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....			
35	Total Liabilities and Other Credits	38,618,938	39,693,830	1,074,892

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)	28,694,153	(1,771,198)
3	Operating Expenses:		
4	401 Operation Expense (P.42).....	26,472,621	591,747
5	402 Maintenance Expense (P. 42).....	1,177,974	15,499
6	403 Depreciation Expense	863,961	(13,318)
7	407 Amortization of Property Losses.....		
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses	28,514,556	593,928
11	Operating Income.....	179,597	(2,365,126)
12	414 Other Utility Operating Income (P.50).....		
13			
14	Total Operating Income	179,597	(2,365,126)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	147,045	23,662
17	419 Interest Income.....	91,602	(59,099)
18	421 Miscellaneous Income.....	14,031	7,016
19	Total Other Income	252,678	(28,422)
20	Total Income	432,275	(2,393,547)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization.....		
23	426 Other Income Deductions.....		
24	Total Income Deductions		
25	Income before Interest Charges	432,275	(2,393,547)
26	INTEREST CHARGES		
27	427 Interest on Operations Bond	28,217	(25,918)
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	28,217	(25,918)
33	Net Income	404,058	(2,367,629)

EARNED SURPLUS

Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		36,154,235
35	Earnings and Contributions to Restricted Equity for OPEB		189,377
36			
37	433 Balance transferred from Income.....		404,058
38	434 Miscellaneous Credits to Surplus.....		38,198
39	435 Miscellaneous Debits to Surplus.....	1,040,953	
40	436 Appropriations of Surplus (P.21).....		
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	35,744,916	
43			
44	TOTALS	36,785,869	36,785,868

CASH BALANCES AT END OF YEAR

Line No.	Items (a)	Amount (b)
1	Construction Fund.....	2,989,687
2	Rate Stabilization Fund.....	6,824,346
3	Pension Fund.....	939,748
4	Post Employment Benefits.....	559,528
5	Operating Cash	874,760
6		
7		
8		
9		
10		
11		
12	TOTAL	12,188,069

**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).....	922,940	
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	922,940	

Depreciation Fund Account (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of Account at Beginning of Year.....	3,863,299
26	Income During Year from Balance on Deposit.....	31,210
27	Amount Transferred from Income.....	863,961
28	TOTAL	4,758,469
29		
30	CREDITS	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	1,095,662
32	Amounts Expended for Renewals.....	770,786
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	2,892,021
40	TOTAL	4,758,469

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.....	0					0
25	354 Towers and Fixures						
26	355 Poles and Fixtures.....	0					0
27	356 Overhead Conductors and Device..	1,910		-286			1,624
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....						
31	Total Transmission Plant	1,910		-286			1,624

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.....	1,312,675					1,312,675
3	361 Structures and Improvements.....	142,255		(10,521)			131,734
4	362 Station Equipment.....	3,009,339		(119,713)			2,889,626
5	363 Storage Battery Equipment.....	11,724		(278)			11,446
6	364 Poles and Fixtures.....	852,986	47,118	(12,458)	(26,554)	(3,600)	857,492
7	365 Overhead Conductors and Devices...	1,276,413	148,285	(101,042)			1,323,656
8	366 Underground Conduits.....	591,250	13,202	(25,008)			579,444
9	367 Underground Conductors and Devices	1,359,544	39,762	(60,746)			1,338,560
10	368 Line Transformers.....	1,721,127	142,269	(76,200)	(1,132)		1,786,064
11	369 Services.....	189,481	47,122	(19,415)			217,188
12	370 Meters.....	490,485	3,689	(12,228)	(1,901)		480,045
13	371 Installation on Cust's Premises....	84,640	314	(5,210)			79,744
14	372 Leased Prop. on Cust's Premises....						
15	373 Street Light and Signal Systems....	94,354	456	(7,524)			87,286
16	Total Distribution Plant	11,136,272	442,217	(450,343)	(29,587)	(3,600)	11,094,959
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....						
19	390 Structures and Improvements.....	3,532,501	2,244,741	(143,333)			5,633,909
20	391 Office Furniture and Equipment....	983,299	146,084	(163,954)			965,430
21	392 Transportation Equipment.....	527,018	170,971	(67,700)		30,076	660,365
22	393 Stores Equipment.....	16,393		(747)			15,646
23	394 Tools, Shop and Garage Equipment...	258,254		(12,510)			245,744
24	395 Laboratory Equipment.....	254,445	11,512	(8,561)			257,396
25	396 Power Operated Equipment.....	46,144		(8,126)			38,018
26	397 Communication Equipment.....	307,131		(10,866)			296,265
27	398 Miscellaneous Equipment.....	59,759		(2,186)			57,573
28	399 Other Tangible Property.....						
29	Total General Plant	5,984,945	2,573,308	(417,983)	0	30,076	8,170,346
30	Total Electric Plant in Service	17,121,217	3,015,526	(868,326)	(29,587)	26,476	19,265,305
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....	1,011,044	2,008,171			(2,494,585)	524,630
34	108 Accumulated Depreciation						
	Total Utility Electric Plant	18,134,171	5,023,697	(868,613)	(29,587)	(2,468,109)	19,791,559

**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	NONE					
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	NONE				
19					
20					
21					
22					
23					
24					
25					
26					

Annual Report of THE Town of Littleton Electric Light Department		21
		Year ended December 31, 2012
MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	CONSERVATION MATERIALS	\$86.49
2	HYDRO DIVIDENDS	\$5,286.76
3	SREC SALES	\$6,056.45
4	MAPS	\$48.00
5	MISC MMWEC RTNS	\$2,552.80
6	TOTAL	\$14,030.50
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	MASS MUNICIPAL ELECTRIC WHOLESALE CO RETURN OF BUDGET	\$40,685.38
16	UNREALIZED GAINS ON INVESTMENTS	(\$2,487.32)
17		
18		
19		
20		
21		
22		
23	TOTAL	\$38,198.06
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	PAYMENT IN LIEU OF TAXES	\$542,039.31
25	A & G EXPENSE FOR TOWN WATER DEPT	\$498,913.87
26		
27		
28		
29		
30		
31		
32	TOTAL	\$1,040,953.18
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	NONE			
4		TOTALS			

Line No.	Acct 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)	5,962,616	\$610,007.64	0.1023
7					
8		TOTALS			
9		Street Lighting	302,964	\$30,829.00	0.1018
10					
11		TOTALS			
12					
13					
14					
15		TOTALS	6,265,580	\$640,836.64	0.1023

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	MMWEC	Beaver Brook	1,962,305	\$418,286.51	0.2132
21	MacQuarie Energy	substation	156,651,000	\$8,010,359.63	0.0511
22	ISO New England	Littleton, MA	79,643,790	\$5,324,408.28	0.0669
23	Power Authority of New York	115 KV	5,642,167	\$67,903.26	0.0120
24	W F Wyman		64,625	\$51,684.90	0.7998
25	Seabrook		8,949,700	\$856,550.94	0.0957
26	Milstone		5,763,040	\$449,470.17	0.0780
27	Benton Falls Hydro		17,913,234	\$1,772,323.00	0.0989
28	Marlboro Hydro		3,220,800	\$180,559.28	0.0561
29	A&D Hydro		5,535,471	\$542,725.58	0.0980
30	BP Emergy		7,164,000	\$348,958.44	0.0487
31	Ice House Partners		101,285	\$7,089.99	0.0700
32	Dominion Capacity			\$702,000.00	
33	Contract Buyouts & Settlements			\$648,883.50	
	Miscellaneous Cash Adjustments			(\$218,780.31)	
	PSEG Capacity			\$469,474.16	
34		TOTALS	292,611,417	\$19,631,897.33	0.0671

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)
32					
33					
34					
35					
36					
37					
38					
39					
40					
41		TOTALS		\$0.00	

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	Residential	61,000,977	6,289,741.28	0.1031	5,797	5,822
2	442-2	Commercial / Industrial SM	11,537,538	1,308,464.25	0.1134	537	533
3	442-3	Commercial / Industrial Power	14,581,921	1,760,856.30	0.1208	60	62
4	442-4	Commercial / Industrial Large	186,791,263	18,587,188.41	0.0995	30	28
5	444-3	Street Lighting	302,964	30,829.00	0.1018	1	1
6	445	Municipal	5,960,474	610,007.64	0.1023	65	65
7							
8							
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42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE CONSUMERS						
49	(Page 37 Line 11)		280,175,137	28,587,087	0.1020	6,490	6,511

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.....	\$19,631,897	\$997,628
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....	\$126,343	(\$210,258)
29	Total Other Power Supply Expenses	\$19,758,240	\$787,371
30	Total Power Production Expenses	\$19,758,240	\$787,371
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.....	\$2,926,135	(\$136,240)
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	Total Operation	\$2,926,135	(\$136,240)
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	\$2,926,135	(\$136,240)

Annual Report of THE Town of Littleton Electric Light Department		41 Year ended December 31, 2012	
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.....	258,435	23,114
4	581 Load Dispatching.....	151,159	-69,385
5	582 Station Expenses.....	15,023	12,510
6	583 Overhead Line Expenses.....	0	0
7	584 Underground Line Expenses.....		
8	585 Street Lighting and Signal System Expenses.....	18	18
9	586 Meter Expenses.....	89,777	-8,125
10	587 Customer Installations Expenses.....		
11	588 Miscellaneous Distribution Expenses.....	201,170	91,068
12	589 Rents.....		
13	Total Operation	715,583	49,200
14	Maintenance:		
15	590 Maintenance supervision and engineering.....	54,668	-371
16	591 Maintenance of Structures.....		#VALUE!
17	592 Maintenance of Station Equipment.....	26,750	11,051
18	593 Maintenance of Overhead Lines.....	673,678	-4,763
19	594 Maintenance of Underground Lines.....	35,114	31,318
20	595 Maintenance of Line Transformers.....	500	
21	596 Maintenance of Street Lighting and Signal Systems....	28,125	6,161
22	597 Maintenance of Meters.....		
23	598 Maintenance of Miscellaneous Distribution Plant.....	25	-240
24	Total Maintenance	818,860	31,306
25	Total Distribution Expenses	1,534,443	80,506
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....	67,648	1,212
29	902 Meter Reading Expenses.....	93,910	13,617
30	903 Customer Records and Collection Expenses.....	225,928	12,639
31	904 Uncollectable Accounts.....	(31)	-33,147
32	905 Miscellaneous Customer Accounts Expenses.....		
33	Total Customer Accounts Expenses	387,455	-5,681
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....		
37	912 Demonstrating and Selling Expenses.....	167,874	25,366
38	913 Advertising Expenses.....	189	-2,415
39	916 Miscellaneous Sales Expense.....	121	18
40	Total Sales Expenses	168,184	23,054
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	645,404	91,611
44	921 Office Supplies and Expenses.....	288,996	-67,543
45	922 Administrative Expenses Transferred - Cr.....		
46	923 Outside Services Employed.....	726,791	-165,579
47	924 Property Insurance.....	33,264	-10,078
48	925 Injuries and Damages.....	51,987	-4,689
49	926 Employees Pensions and Benefits.....	1,000,621	-88,407
50	928 Regulatory Commission Expenses.....		
51	929 Duplicate Charges - Cr.....		
52	930 Miscellaneous General Expenses.....	75,141	423,905
53	931 Rents.....		
54	Total Operation	2,822,204	179,221

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.....	189,552	26,103
4	933 Transportation expense.....	216,990	5,518
5	Total Maintenance	406,542	31,621
6	Total Administrative and General Expenses	3,228,746	(210,418)
7	Total Electric Operation and Maintenance Expenses	27,650,595	607,246

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.....	19,758,240		19,758,240
15	Total Power Production Expenses	19,758,240		19,758,240
16	Transmission Expenses.....	2,926,135		2,926,135
17	Distribution Expenses.....	715,583	818,860	1,534,443
18	Customer Accounts Expenses.....	387,455		387,455
19	Sales Expenses.....	168,184		168,184
20	Administrative and General Expenses.....	2,822,204	406,542	3,228,746
21	Support Expense Transfer	(305,180)	(47,428)	(352,608)
22	Total Electric Operation and Maintenance Expenses	26,472,621	1,177,974	27,650,595

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).....	99.37%
24	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.....	\$2,425,257.38
25	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)	33

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	N/A				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
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37					
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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,	\$6,471.71			\$6,471.71
3	allowances and returns.....				
4	Contract Work.....	\$175,389.70			\$175,389.70
5	Commissions.....				
6	Other (List according to major classes)				
7	Administrative Support.....	\$352,607.86			
8					
9					
10	Total Revenues.....	\$534,469.27	\$0.00	\$0.00	\$181,861.41
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16					
17	Labor	\$21,657.21			\$21,657.21
18	Materials	\$13,159.22			\$13,159.22
19	Administrative Support	\$352,607.86			
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	\$387,424.29	\$0.00	\$0.00	\$34,816.43
51	Net Profit (or Loss)	\$147,044.98	\$0.00	\$0.00	\$147,044.98

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) other public authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other G,

and place an "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as other power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to	Statistical Classification	Export Across State Lines	Point of Delivery	Substation	Kw or Kva of Demand (Specify which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
						(a)	(b)	(c)
1	N/A							
2								
3								
4								
5								
6								
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35								

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
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								12
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								14
								15
								16
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								29
								30
								31
								32
								33
								34
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.

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)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 Minutes	115kv	77,134	\$95,362.43	\$13,396.25		\$108,758.68	1.4100	1
60 Minutes	115kv	1,885,151	\$206,277.86	\$103,249.97		\$309,527.83	0.1642	2
60 Minutes	115kv	156,651,000		\$8,010,359.63		\$8,010,359.63	0.0511	3
60 Minutes	115kv	5,642,167	\$40,380.15	\$27,523.11		\$67,903.26	0.0120	4
60 Minutes	115kv	64,625	\$39,474.75	\$12,210.15		\$51,684.90	0.7998	5
60 Minutes	115kv	233,845	\$28,148.60	\$1,905.89		\$30,054.49	0.1285	6
60 Minutes	115kv	8,715,855	\$755,443.54	\$71,052.91		\$826,496.45	0.0948	7
60 Minutes	115kv	5,763,040	\$409,201.40	\$40,268.77		\$449,470.17	0.0780	8
60 Minutes	115kv	7,164,000		\$348,958.44		\$348,958.44	0.0487	9
60 Minutes	115kv	3,220,800		\$180,559.28		\$180,559.28	0.0561	10
60 Minutes	115kv	17,913,234	\$100,660.00	\$1,671,663.00		\$1,772,323.00	0.0989	11
60 Minutes	115kv	5,535,471	\$33,264.00	\$509,461.58		\$542,725.58	0.0980	12
	115kv	101,285		\$7,089.99		\$7,089.99	0.0700	13
			\$702,000.00			\$702,000.00		14
			\$469,474.16			\$469,474.16		15
								16
			\$648,883.50			\$648,883.50		17
			(\$218,780.31)			(\$218,780.31)		18
								19
								20
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								34
								35
								36
	TOTALS	212,967,607	\$3,309,790.08	\$10,997,698.97	\$0.00	\$14,307,489.05	0.0672	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	ISO NEW ENGLAND		LITTLETON	115kv	292,566,310	212,922,520	79,643,790	5,324,408
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	292,566,310	212,922,520	79,643,790	5,324,408

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NEW ENGLAND	ENERGY EXPENSE	3,251,483
14		FMC SETTLEMENT	1,180,770
15		NEPOOL EXPENSE	892,155
16			
17			
18			
19			
20			
21		TOTALS	5,324,408

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)
1	SOURCES OF ENERGY	
2	Generation (excluding station use):	
3	Steam..... Gas Turbine Combined Cycle	
4	Nuclear.....	
5	Hydro.....	
6	Other..... Diesel	
7	Total generation.....	0
8	Purchases.....	212,967,607
9	{ In (gross)	212,922,520
10	Interchanges..... { Out (gross)	292,566,310
11	{ Net (Kwh).....	79,643,790
12	{ Received.....	
13	Transmission for/by others (Wh..... { Delivered.....	
14	{ Net (kwh).....	
15	TOTAL	292,611,397
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales).....	280,998,232
18	Sales for resale.....	
19	Energy furnished without charge	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	645,026
22	Energy losses:	
23	Transmission and conversion losses.....	62,843
24	Distribution losses.....	10,905,316
25	Unaccounted for losses.....	
26	Total energy losses.....	10,968,159
27	Energy losses as percent of total on line 15..... 3.75%	
28	TOTAL	292,611,417

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.

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	40,850	TUE	3	18:00	60 min	24,818,775	
30	February	38,465	WED	8	8:00	"	22,771,987	
31	March	39,813	THU	22	15:00	"	23,770,918	
32	April	39,369	TUE	17	14:00	"	22,463,552	
33	May	42,452	THU	31	16:00	"	24,035,850	
34	June	52,415	WED	20	16:00	"	24,473,691	
35	July	52,732	WED	18	13:00	"	27,556,430	
36	August	50,862	FRI	3	16:00	"	27,342,233	
37	September	44,525	FRI	7	17:00	"	23,556,188	
38	October	38,217	MON	15	14:00	"	23,393,353	
39	November	41,645	WED	7	18:00	"	23,628,084	
40	December	41,962	MON	17	18:00	"	24,737,513	
41	TOTAL							292,548,574

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	Town Line	Beaverbrook Substation #80	115	Wood	0.060		3	795 MCM AL
2								
3								
4								
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47	TOTALS				0.06		3	

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

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with capacities of less than 5000 Kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character or each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (j), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE			Capacity of Substation in Kva (in Service) (f)	Number Of Transformers in Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1	Substation # 80	Distribution	115kv	25kv		140,000	3	0			
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					TOTALS	140,000	3	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	115.41		115.41
2	Added During Year	1.00		1.00
3	Retired During Year			
4	Miles - End of Year	116.41		116.41
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.....	6,416	7,191	1,738	166,642
17	Additions during year:				
18	Purchased.....		92	35	5,400
19	Installed.....	41			
20	Associated with utility plant acquired.....				
21	Total additions.....	41	92	35	5,400
22	Reduction during year:				
23	Retirements.....	9	503	4	60
24	Associated with utility plant sold.....				
25	Total reductions.....	9	503	4	60
26	Number at End of Year.....	6,448	6,780	1,769	171,982
27	In Stock.....		342		
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....		6,431		
31	In Companys' Use.....		7		
32	Number at End of Year.....		6,780	1,769	171,982

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	1/0 Aluminum		55.25	25kv		
2	4/0 Aluminum		0.90	25kv		
3	500 MCM CU		0.25	25kv		
4	500 MCM AL		0.32	25kv		
5	750 MCM AL		2.19	25kv		
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34		TOTALS	0.0	55.25		

*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	Littleton	944	29			265			650	
2	Boxborough	24							24	
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52	TOTALS	968	29		0	265			674	

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

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....

Mayor

.....

Manager of Electric Light

.....

.....

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

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