



The Commonwealth of Massachusetts

RETURN

OF THE

TOWN OF LITTLETON

TO THE

**DEPARTMENT OF
PUBLIC UTILITIES**

OF MASSACHUSETTS

For the Year Ended December 31,

2011

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**

Form Ac19

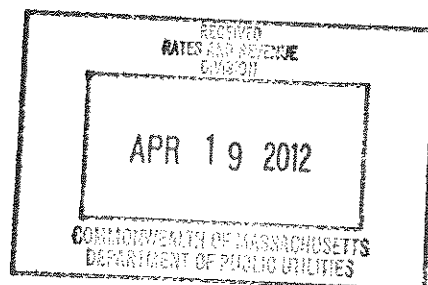


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GENERAL INFORMATION

1. Name of town (or city) making this report. TOWN OF LITTLETON

2. If the town (or city) has acquired a plant,
Kind of plant, whether gas or electric. Electric Distribution
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, Second vote: Yes,
Date when town (or city) began to sell electricity, September 1, 1912

3. Name and address of manager of municipal lighting:
Savas Danos
Groton, MA 01450

4. Name and address of mayor or selectmen
Gregg Champney, Littleton, MA
James Karr, Littleton, MA
Joseph Knox, Littleton, MA
Alex McCurdy, Littleton, MA
Ted Doucette, Littleton, MA

5. Name and address of town (or city) treasurer:
Steve Venuti
Littleton, MA

6. Name and address of town (or city) clerk:
Diane Cory
Littleton, MA

7. Names and addresses of members of municipal light board:
Craig Gruskowski, Littleton, MA
Joseph McCumber, Littleton, MA
Ivan Pagack, Littleton, MA
Thomas Rauker, Littleton, MA
Bruce Trumbull, Littleton, MA

8. Total valuation of estates in town (or city) according to last state valuation \$1,454,398,874.00

9. Tax rate for all purposes during the year:
Residential \$16.08
Commercial \$25.74

10. Amount of manager's salary: \$161,360.72

11. Amount of manager's bond:

12. Amount of salary paid to members of municipal light board (each) \$1,950.00

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

INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS.....	
2	FROM SALE OF ELECTRICITY	\$30,663,060.00
3	FROM RATE STABILIZATION FUND.....	\$1,592,915.00
4	TOTAL	\$32,255,975.00
5	Expenses:	
6	For operation, maintenance and repairs.....	\$31,185,027.00
7	For interest on bonds, notes or scrip.....	\$37,622.00
8	For depreciation fund (3% on \$ 29,764,209 as per page 8B).....	\$892,926.00
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	\$140,400.00
12	For loss in preceding year.....	
13	TOTAL	\$32,255,975.00
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.....	629,122.00
19	Of electricity to be used for street lights.....	29,351.00
20	Total of the above items to be included in the tax levy.....	\$658,473.00
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	\$658,473.00

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	4,086
		BOXBOROUGH	2,345
		TOTAL	6,431

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.....	\$	30,000.00
2. Municipal Buildings.....		630,000.00
	\$	<u>660,000.00</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							
When Authorized*	Date of issue	Amount of Original Issue	(Issued on Account of Gas or Electric Lighting)		Rate	Interest When Payable	Amount Outstanding
			Period of Payments	When Payable			
Apr-1999	Ded-1999	\$2,500,000.00 \$78,000.00	\$135,000.00 \$138,666.67 \$142,133.33 \$140,400.00 \$138,666.67 \$136,933.33 \$135,200.00 \$133,466.67 \$131,733.33 \$130,000.00	2000 thru 2006 2008 thru 2009 2010 thru 2011 2012 2013 2014 2015 2016 2017 2018	5.43 Variable	semi annually	1,088,533.33
	Total	\$2,578,000.00					1,088,533.33

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

When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Rate	Interest When Payable	Amount of Outstanding at End of Year
			Amounts	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 (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
25	354 Towers and Fixtures.....						
26	355 Poles and Fixtures.....	657					657
27	356 Overhead Conductors and Devices.....	11,392					11,392
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....						
31	Total Transmission Plant	14,707	0	0	0	0	14,707

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	4,757,869	125				4,757,994	
5	363 Storage Battery Equipment	12,026					12,026	
6	364 Poles, Towers and Fixtures	1,428,884	22,121				1,418,136	
7	365 Overhead Conductors and Devices	3,725,478	342,938	-17,467			4,068,416	
8	366 Underground Conduits	980,000	14,994				994,994	
9	367 Underground Conductors & Devices	2,408,743	9,999				2,418,742	
10	368 Line Transformers	3,059,731	29,449	-13,900			3,075,280	
11	369 Services	765,669	8,061				773,730	
12	370 Meters	557,267	12,878	-4,988			565,157	
13	371 Installation on Cust's Premises	206,956	751				207,707	
14	372 Leased Prop. on Cust's Premises	296,168	2,870				299,038	
15	373 Street Light and Signal Systems							
16	Total Distribution Plant	19,929,296	444,185	-36,355	0	-15,402	20,321,725	
17	5. GENERAL PLANT							
18	389 Land and Land rights	5,692,442					5,692,442	
19	390 Structures and Improvements	883,821	14,559		381,084		1,279,464	
20	391 Office Furniture and Equipment	2,168,800	30,844				2,199,444	
21	392 Transportation Equipment	29,644					29,644	
22	393 Stores Equipment	461,243	38,801				500,044	
23	394 Tools, Shop and Garage Equipment	340,226					340,226	
24	395 Laboratory Equipment	322,681					322,681	
25	396 Power Operated Equipment	261,676	185,158				446,834	
26	397 Communication Equipment	86,824					86,824	
27	398 Miscellaneous Equipment							
28	399 Other Tangible Property							
29	Total General Plant	10,247,357	269,162	0	381,084	0	10,897,603	
30	Total Electric Plant in Service	30,191,360	713,347	-36,355	381,084	-15,402	31,234,034	
31	TOTAL COST OF PLANT							
32	Less Cost of Land, Land Rights, and Rights of Way							
33	Total Cost upon which depreciation is based							
34	1,312,676							
	29,921,358							

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.....	17,619,438	18,134,170	514,732
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....			
5	Total Utility Plant.....	17,619,438	18,134,170	514,732
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	3,786,421	3,863,299	76,878
14	128 Other Special Funds.....	12,297,761	10,698,098	(1,599,663)
15	Total Funds.....	16,084,182	14,561,397	(1,522,785)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....			
18	132 Special Deposits.....			
19	132 Working Funds.....	1,000	1,000	0
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	2,695,763	2,527,276	(168,487)
22	143 Other Accounts Receivable.....	167,571	82,252	(85,319)
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	849,899	954,472	104,573
25				
26	165 Prepayments.....	2,068,929	1,986,625	(82,304)
27	174 Miscellaneous Current Assets			
28	Total Current and Accrued Assets...	5,783,162	5,551,625	(231,537)
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....	74,555	57,986	(16,569)
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....	633,232	313,760	(319,472)
33	Total Deferred Debits.....	707,788	371,747	(336,041)
34				
35	Total Assets and Other Debits.....	40,194,568	38,618,939	(1,575,629)

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).....	33,904,153	36,148,563	2,244,410
8	Total Surplus.....	33,904,153	36,148,563	2,244,410
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....	1,088,533	946,400	(142,133)
11	231 Notes Payable (P 7).....			
12	Total Bonds and Notes.....	1,088,533	946,400	(142,133)
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	2,471,766	485,483	(1,986,283)
15	234 Payables to Municipality.....			
16	235 Customer Deposits.....			
17	236 Taxes Accrued.....			
18	237 Interest Accrued.....			
19	242 Miscellaneous Current and Accrued Liabilities	328,981	358,277	29,296
20	Total Current and Accrued Liabilities...	2,800,747	843,760	(1,956,987)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....	1,533,940	0	(1,533,940)
25	Total Deferred Credits	1,533,940	0	(1,533,940)
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....	46,732	90,000	43,268
28	261 Property Insurance Reserve.....			
29	262 Injuries and Damages Reserves.....			
30	263 Pensions and Benefits.....	820,464	590,216	(230,248)
31	265 Miscellaneous Operating Reserves.....			
32	Total Reserves.....	867,196	680,216	(186,980)
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....			
35	Total Liabilities and Other Credits	40,194,568	38,618,938	(1,575,630)

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
OPERATING INCOME			
2	400 Operating Revenue (P. 37 and P. 43)	30,465,351	546,926
3	Operating Expenses:		
4	401 Operation Expense (P.42).....	25,880,874	(1,854,369)
5	402 Maintenance Expense (P. 42).....	1,162,475	262,291
6	403 Depreciation Expense	877,279	22,971
7	407 Amortization of Property Losses.....		
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses	27,920,628	(1,879,127)
11	Operating Income.....	2,544,723	2,126,053
12	414 Other Utility Operating Income (P.50).....		
13			
14	Total Operating Income	2,544,723	2,126,053
OTHER INCOME			
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	123,383	(154,715)
17	419 Interest Income.....	150,701	(27,145)
18	421 Miscellaneous Income.....	7,015	(9,862)
19	Total Other Income	281,099	(201,723)
20	Total Income	2,825,822	1,924,331
MISCELLANEOUS INCOME DEDUCTIONS			
22	425 Miscellaneous Amortization.....		
23	426 Other Income Deductions.....		
24	Total Income Deductions		
25	Income before Interest Charges	2,825,822	1,924,331
INTEREST CHARGES			
27	427 Interest on Operations Bond	54,134	7,040
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	54,134	7,040
33	Net Income	2,771,688	1,917,291

EARNED SURPLUS

Line No.	Account (a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		33,682,870
35	Earnings and Contributions to Restricted Equity for OPEB		310,818
36			
37	433 Balance transferred from Income.....		2,771,688
38	434 Miscellaneous Credits to Surplus.....		160,107
39	435 Miscellaneous Debits to Surplus.....	778,920	
40	436 Appropriations of Surplus (P.21).....		
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	36,148,563	
43			
44	TOTALS	36,927,483	36,925,483

CASH BALANCES AT END OF YEAR

Line No.	Items (a)	Amount (b)
1	Construction Fund.....	2,288,985
2	Rate Stabilization Fund.....	7,108,490
3	Pension Fund.....	931,471
4	Post Employment Benefits.....	370,151
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	10,699,097

**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).....	954,472	
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	954,472	

Depreciation Fund Account (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of Account at Beginning of Year.....	3,786,421
26	Income During Year from Balance on Deposit.....	76,878
27	Amount Transferred from Income.....	877,279
28	TOTAL	4,740,578
29		
30	CREDITS	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	163,932
32	Amounts Expended for Renewals.....	713,347
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	3,863,299
40	TOTAL	4,740,578

Annual Report of THE Town of Littleton Electric Light Department

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 preceding 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							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant						
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						

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.....	19					0
25	354 Towers and Fixtures						
26	355 Poles and Fixtures.....	10					0
27	356 Overhead Conductors and Device..	2,196					1,910
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....						
31	Total Transmission Plant	2,225		-315			1,910

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		(10,199)			1,312,675
3	361 Structures and Improvements.....	152,754		(119,365)			142,255
4	362 Station Equipment.....	3,128,779	125	(323)			3,009,339
5	363 Storage Battery Equipment.....	12,026		(35,908)	(17,467)	(6,443)	11,724
6	364 Poles and Fixtures.....	892,683	22,121	(93,621)			852,986
7	365 Overhead Conductors and Devices...	1,027,096	342,938	(24,627)			1,276,413
8	366 Underground Conducts.....	600,883	14,994	(60,532)			591,250
9	367 Underground Conductors and Devices	1,410,077	9,999	(76,891)			1,359,544
10	368 Line Transformers.....	1,768,569	29,449	(19,241)			1,721,127
11	369 Services.....	200,661	8,061	(14,004)			189,481
12	370 Meters.....	491,611	12,878	(5,201)			490,485
13	371 Installation on Cust's Premises....	89,090	751				84,640
14	372 Leased Prop. on Cust's Premises....						
15	373 Street Light and Signal Systems.....						
16	Total Distribution Plant	98,927	2,870	(7,443)			94,354
17	5. GENERAL PLANT	11,185,831	444,186	(287,839)	(17,287)	(3,243)	11,136,272
18	389 Land and Land Rights.....						
19	390 Structures and Improvements.....	3,675,552		(143,031)			3,532,501
20	391 Office Furniture and Equipment.....	1,132,694	14,559	(163,954)			983,299
21	392 Transportation Equipment.....	560,746	30,644	(64,372)			527,018
22	393 Stores Equipment.....	17,138		(745)			16,393
23	394 Tools, Shop and Garage Equipment...	231,044	38,801	(11,591)			258,254
24	395 Laboratory Equipment.....	262,995		(8,550)			254,445
25	396 Power Operated Equipment.....	54,253		(8,109)			46,144
26	397 Communication Equipment.....	128,549	185,158	(6,576)			307,131
27	398 Miscellaneous Equipment.....	61,941		(2,182)			59,759
28	399 Other Tangible Property.....						
29	Total General Plant	6,124,912	269,162	(305,129)	0	0	5,984,945
30	Total Electric Plant in Service	17,313,336	713,348	(875,368)	(17,467)	(6,243)	17,123,127
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....	306,470	890,105			(165,531)	1,011,044
34	108 Accumulated Depreciation						
	Total Utility Electric Plant	17,619,806	1,603,453	(875,368)	(17,467)	(165,531)	18,134,171

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)
1	On Hand Beginning of year				
2	Received During Year				
3	TOTAL				
4	Used During Year (Note A)				
5	NONE				
6					
7					
8					
9					
10					
11	Sold or Transferred				
12	TOTAL DISPOSED OF				
13	BALANCE END OF YEAR				
Kinds of Fuel and Oil -- Continued					
Line No.	Item (g)	Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	NONE				
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

Annual Report of THE Town of Littleton Electric Light Department		21
		Year ended December 31, 2011
MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	CONSERVATION MATERIALS	\$107.00
2	HYDRO DIVIDENDS	\$5,336.19
3	BUILDING PLANS	\$1,570.00
4	MAPS	\$1.50
5		
6	TOTAL	\$7,014.69
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	\$87,939.95
16	RETURN OF HEALTH TRUST	\$73,638.04
17	UNREALIZED GAINS ON INVESTMENTS	(\$1,470.47)
18		
19		
20		
21		
22		
23	TOTAL	\$160,107.52
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	PAYMENT IN LIEU OF TAXES	\$460,331.26
25	MMWEC PRIOR YEAR PREPAID ADJ.	\$38,074.38
26	A & G EXPENSE FOR TOWN WATER DEPT	\$278,513.00
27		
28		
29		
30		
31		
32	TOTAL	\$776,918.64
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	\$640,292.83	0.1074
7					
8		TOTALS			
9		Street Lighting	293,504	\$0.00	0.0000
10					
11		TOTALS			
12					
13					
14					
15		TOTALS	6,256,120	\$640,292.83	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	2,348,641	\$453,006.27	0.1929
21	MacQuarie Energy	substation	153,236,000	\$8,316,972.03	0.0543
22	ISO New England	Littleton, MA	86,976,240	\$6,240,260.04	0.0717
23	Power Authority of New York	115 KV	5,269,503	\$60,864.37	0.0116
24	W F Wyman		112,891	\$59,662.43	0.5285
25	Seabrook		9,138,632	\$958,515.76	0.1049
26	Milstone		5,008,576	\$497,716.51	0.0994
27	Benton Falls Hydro		15,978,864	\$1,579,568.21	0.0989
28	Marlboro Hydro		4,195,200	\$228,055.36	0.0544
29	A&D Hydro		5,760,984	\$551,561.41	0.0957
30	BP Energy		4,935,000	\$184,329.43	0.0374
31	Dominion Capacity			\$702,000.00	
32	Sterling Capacity			\$3,438.84	
33	Contract Buyouts & Settlements			(\$1,263,453.13)	
	Miscellaneous Cash Adjustments			(\$121,119.00)	
	PSEG Capacity			\$202,900.91	
34		TOTALS	292,960,631	\$18,634,269.44	0.0636

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	

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.

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 (a)	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.....	\$6,782,298.03	\$661,769.21	62,886,472	(320,521)	5,764	(17)		
3	442 Commercial and Industrial Sales:								
4	Small (or Commercial) see instr. 5.....	\$1,309,138.30	(\$127,363.59)	11,046,694	(1,450,250)	524	3		
5	Large (or Industrial) see instr. 5.....	\$21,656,637.15	\$121,280.44	202,604,096	(793,659)	84	(2)		
6	444 Municipal Sales (P.22)	\$640,292.83	(\$40,290.52)	5,962,616	(861,702)	59	(2)		
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.....	\$30,388,366.31	\$612,395.54	282,499,878	(3,435,223)	6,431	(18)		
12	447 Sales for Resale.....								
13	Total Sales of Electricity*.....	\$30,388,366.31	\$612,395.54	282,499,878	(3,435,223)	6,431	(18)		
14	OTHER OPERATING REVENUES								
15	450 Forfeited Discounts.....	\$24,942.90	(\$3,418.63)						
16	451 Miscellaneous Service Revenues.....	\$19,421.00	\$82.00						
17	453 Sales of Water and Water Power.....								
18	454 Rent from Electric Property.....								
19	455 Interdepartmental Rents.....								
20	456 Other Electric Revenues.....	\$92,620.43	(562,132.44)						
21	458 Federal/State Emergency Reimbursements	\$0.00							
22	Miscellaneous Adjustments to Sales								
23	Total Other Operating Revenues.....	\$76,984.33	(\$65,469.27)						
24	Total Electric Operating Revenues.....	\$30,465,350.64	\$546,926.27						
25									
26									

*Includes revenues from application of fuel clauses
 Total KWH to which applied
 282,499,878

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	63,035,715	6,782,298.03	0.1076	5,770	5,764
2	442-2	Commercial / Industrial SM	11,233,419	1,309,138.30	0.1165	528	524
3	442-3	Commercial / Industrial Power	15,118,754	1,884,958.31	0.1247	57	54
4	442-4	Commercial / Industrial Large	187,930,847	19,771,678.84	0.1052	30	30
5	444-3	Street Lighting	293,508	0.00	0.0000		
6	445	Municipal	6,012,922	640,292.83	0.1065	62	59
7							
8							
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41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE CONSUMERS						
49	(Page 37 Line 11)		283,625,165	30,388,366	0.1071	6,447	6,431

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.....	\$18,634,269	(\$1,726,515)
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....	\$336,601	(\$137,853)
29	Total Other Power Supply Expenses	\$18,970,870	(\$1,864,368)
30	Total Power Production Expenses	\$18,970,870	(\$1,864,368)
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.....	\$3,062,374	\$158,811
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	Total Operation	\$3,062,374	\$158,811
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	\$3,062,374	\$158,811

Annual Report of THE Town of Littleton Electric Light Department		Year ended December 31, 2011	
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.....	235,322	12,419
4	581 Load Dispatching.....	220,544	-59,121
5	582 Station Expenses.....	2,513	2,513
6	583 Overhead Line Expenses.....	0	-299
7	584 Underground Line Expenses.....		
8	585 Street Lighting and Signal System Expenses.....		0
9	586 Meter Expenses.....	97,902	4,403
10	587 Customer Installations Expenses.....		
11	588 Miscellaneous Distribution Expenses.....	110,102	-13,844
12	589 Rents.....		
13	Total Operation	666,382	-53,930
14	Maintenance:		
15	590 Maintenance supervision and engineering.....	55,039	3,736
16	591 Maintenance of Structures.....	12,350	12,350
17	592 Maintenance of Station Equipment.....	15,699	-46,271
18	593 Maintenance of Overhead Lines.....	678,441	250,377
19	594 Maintenance of Underground Lines.....	3,796	-11,584
20	595 Maintenance of Line Transformers.....		
21	596 Maintenance of Street Lighting and Signal Systems....	21,964	-161
22	597 Maintenance of Meters.....		
23	598 Maintenance of Miscellaneous Distribution Plant.....	265	-1,283
24	Total Maintenance	787,554	207,164
25	Total Distribution Expenses	1,453,936	153,234
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....	66,436	4,112
29	902 Meter Reading Expenses.....	80,294	16,902
30	903 Customer Records and Collection Expenses.....	213,289	-29,326
31	904 Uncollectable Accounts.....	33,117	-6,576
32	905 Miscellaneous Customer Accounts Expenses.....		
33	Total Customer Accounts Expenses	393,135	-14,889
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....		
37	912 Demonstrating and Selling Expenses.....	142,508	-4,714
38	913 Advertising Expenses.....	2,604	-857
39	916 Miscellaneous Sales Expense.....	18	18
40	Total Sales Expenses	145,130	-5,553
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	553,793	157,139
44	921 Office Supplies and Expenses.....	356,538	71,585
45	922 Administrative Expenses Transferred - Cr.....		
46	923 Outside Services Employed.....	892,370	59,634
47	924 Property Insurance.....	43,342	22,417
48	925 Injuries and Damages.....	56,676	4,182
49	926 Employees Pensions and Benefits.....	1,089,027	-12,022
50	928 Regulatory Commission Expenses.....		
51	929 Duplicate Charges - Cr.....		
52	930 Miscellaneous General Expenses.....	(348,764)	-387,396
53	931 Rents.....		
54	Total Operation	2,642,983	-84,461

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.....	163,449	30,773
4	933 Transportation expense.....	211,472	24,353
5	Total Maintenance	374,921	55,127
6	Total Administrative and General Expenses	3,017,904	(196,912)
7	Total Electric Operation and Maintenance Expenses	27,043,349	(1,602,099)

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.....	19,405,240		19,405,240
15	Total Power Production Expenses	19,405,240		19,405,240
16	Transmission Expenses.....	2,628,004		2,628,004
17	Distribution Expenses.....	666,382	787,554	1,453,936
18	Customer Accounts Expenses.....	393,135		393,135
19	Sales Expenses.....	145,130		145,130
20	Administrative and General Expenses.....	2,642,983	374,921	3,017,904
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	25,880,874	1,162,475	27,043,349

23 Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%) 91.65%
 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).....

24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts..... \$2,429,200.19

25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees) 28

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	N/A				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
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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,	\$6,382.73			\$6,382.73
3	allowances and returns.....				
4	Contract Work.....	\$214,564.05			\$214,564.05
5	Commissions.....				
6	Other (List according to major classes)				
7	Administrative Support.....	\$465,249.92			
8					
9					
10	Total Revenues.....	\$686,196.70	\$0.00	\$0.00	\$220,946.78
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16					
17	Labor	\$72,150.13			\$72,150.13
18	Materials	\$25,413.34			\$25,413.34
19	Administrative Support	\$465,249.92			
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	\$562,813.39	\$0.00	\$0.00	\$97,563.47
51	Net Profit (or Loss)	\$123,383.31	\$0.00	\$0.00	\$123,383.31

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								
7								
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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
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								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	87,574	\$95,106.87	\$14,790.14		\$109,897.01	1.2549	1
60 Minutes	115kv	2,261,067	\$189,726.31	\$153,382.95	(\$59,669.13)	\$283,440.13	0.1254	2
60 Minutes	115kv	153,236,000		\$8,316,972.03		\$8,316,972.03	0.0543	3
60 Minutes	115kv	5,269,503	\$34,938.42	\$25,925.95		\$60,864.37	0.0116	4
60 Minutes	115kv	112,891	\$42,894.99	\$16,767.44		\$59,662.43	0.5285	5
60 Minutes	115kv	238,780	\$32,577.09	\$1,994.95		\$34,572.04	0.1448	6
60 Minutes	115kv	8,899,852	\$849,754.11	\$74,189.61		\$923,943.72	0.1038	7
60 Minutes	115kv	5,008,576	\$462,629.82	\$35,086.69	(\$3,250.93)	\$491,465.58	0.0981	8
60 Minutes	115kv	4,935,000		\$184,329.43		\$184,329.43	0.0374	9
60 Minutes	115kv	4,195,200		\$228,055.36		\$228,055.36	0.0544	10
60 Minutes	115kv	15,978,864	\$83,456.00	\$1,496,112.21		\$1,579,568.21	0.0989	11
60 Minutes	115kv	5,760,984	\$28,952.00	\$522,609.41		\$551,561.41	0.0957	12
			\$702,000.00			\$702,000.00		13
			\$202,900.91			\$202,900.91		14
			\$3,438.84			\$3,438.84		15
								16
					\$319,473.00	\$319,473.00		17
					(\$1,533,938.88)	(\$1,533,938.88)		18
					(\$121,119.00)	(\$121,119.00)		19
					(\$3,077.18)	(\$3,077.18)		20
								21
								22
								23
								24
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								35
								36
TOTALS		205,984,291	\$2,728,375.36	\$11,070,216.17	(\$1,765,552.13)	\$12,394,009.40	0.0602	37

Annual Report of THE Town of Littleton Electric Light Department

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 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 (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	ISO NEW ENGLAND		LITTLETON	115kv	293,226,610	206,250,370	86,976,240	6,240,260
2								
3								
4								
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11								
12			TOTALS		293,226,610	206,250,370	86,976,240	6,240,260

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NEW ENGLAND	ENERGY EXPENSE	4,155,798
14		FMC SETTLEMENT	1,654,152
15		NEPOOL EXPENSE	430,310
16			
17			
18			
19			
20			
21		TOTALS	6,240,260

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.....	0
8	Purchases.....	205,984,291
9	{ In (gross)	206,250,370
10	Interchanges..... { Out (gross)	293,226,610
11	{ Net (Kwh).....	86,976,240
12	{ Received.....	
13	Transmission for/by others (Wh..... { Delivered.....	
14	{ Net (kwh).....	
15	TOTAL	292,960,531
DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales).....	283,634,621
18	Sales for resale.....	
19	Energy furnished without charge	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	707,933
22	Energy losses:	
23	Transmission and conversion losses.....	294,424
24	Distribution losses.....	8,323,553
25	Unaccounted for losses.....	
26	Total energy losses.....	
27	Energy losses as percent of total on line 15.....	0.00%
28	TOTAL	292,960,531

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.
2. Monthly peak col. (b) should be respondent's maximum Kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.
3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.)
4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

Monthly Peak

Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)
29	January	43,252	MON	24	8:00	60 min	25,764,384
30	February	42,008	TUE	1	18:00	"	23,190,502
31	March	39,520	FRI	4	8:00	"	24,365,460
32	April	39,191	WED	27	14:00	"	22,712,913
33	May	46,154	TUE	31	17:00	"	24,214,176
34	June	50,872	WED	8	17:00	"	25,064,973
35	July	54,829	FRE	22	13:00	"	27,810,325
36	August	49,558	MOM	1	14:00	"	26,568,735
37	September	44,030	WED	14	16:00	"	23,490,916
38	October	37,687	MON	10	15:00	"	22,723,214
39	November	39,053	WED	23	18:00	"	22,608,878
40	December	40,314	TUE	13	18:00	"	24,151,631
41						TOTAL	292,666,107

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
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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 of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, 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	11.5kv	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			0.00
3	Retired During Year			
4	Miles - End of Year	115.41		115.41
5				
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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	1,739	166,271
17	Additions during year:				
18	Purchased.....		92	28	1,124
19	Installed.....	41			
20	Associated with utility plant acquired.....				
21	Total additions.....	41	92	28	1,124
22	Reduction during year:				
23	Retirements.....	9	503	29	753
24	Associated with utility plant sold.....				
25	Total reductions.....	9	503	29	753
26	Number at End of Year.....	6,448	6,780	1,738	166,642
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	1,738	166,642

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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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	

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....

Mayor

Susan C. Fano

.....

Manager of Electric Light

[Signature]
.....

[Signature]
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[Signature]
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[Signature]
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[Signature]
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Selectmen
or
Members
of the
Municipal
Light
Board