

**The Commonwealth of Massachusetts**

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**Return**

of the

Municipal Light Department of

the Town of

**Concord, MA**

to the

**The Commonwealth of Massachusetts**

**Department of Public Utilities**

For the year ended December 31,

**2013**

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

Official title: Financial Administrator

Sherman Chapman

Office address 1175 Elm Street  
P.O. Box 1029  
Concord, MA 01742-1029

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**FOR GAS PLANTS ONLY:**

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**GENERAL INFORMATION**

1. Name of town (or city) making this report. Concord
2. If the town (or city) has acquired a plant, NONE  
Kind of plant, whether gas or electric.  
Owner from whom purchased, if so acquired.  
Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws  
Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No,  
Date when town (or city) began to sell gas and electricity, 1898
3. Name and address of manager of municipal lighting:  
Christopher Whelan, Town House, Concord, MA 01742
4. Name and address of mayor or selectmen:  
Jeffrey S. Wieand, Town House, Concord, MA 01742, Chairperson  
Steven Ng, Town House, Concord, MA. 01742, Clerk  
Elise F. Woodward, Town House, Concord, MA. 01742  
Carmin C. Reiss, Town House, Concord, MA 01742,  
Alice Kaufman, Town House, Concord, MA 01742,
5. Name and address of town (or city) treasurer:  
Anthony Logalbo, Town House, Concord, MA. 01742
6. Name and address of town (or city) clerk:  
Anita S. Tekle, Town House, Concord, MA 01742
7. Names and addresses of members of municipal light board:  
Jim Terry, Municipal Light Plant, Concord, MA 01742, Chairperson  
Judy Walpole, Municipal Light Plant, Concord, MA 01742  
Gary Clayton, Municipal Light Plant, Concord, MA 01742  
Hugh Lauer, Municipal Light Plant, Concord, MA 01742  
Dan Gainsboro, Municipal Light Plant, Concord, MA 01742
8. Total valuation of estates in town (or city) according to last state valuation \$5,130,493,662.00
9. Tax rate for all purposes during the year: Fiscal Year 2014 \$14.45 / 1,000
10. Amount of Director's salary: \$127,903.00
11. Amount of manager's bond: \$0.00
12. Amount of salary paid to members of municipal light board (each) \$0.00

**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**

<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	FROM SALES OF GAS.....	\$0.00
2	FROM SALE OF ELECTRICITY.....	25,614,944.00
3		
4	<b>TOTAL</b>	<b>\$25,614,944.00</b>
5	<b>Expenses:</b>	
6	For operation, maintenance and repairs.....	\$21,262,471.00
7	For interest on bonds, notes or scrip.....	190,778.00
8	For depreciation fund ( 3% on \$55,497,685.90 as per page 8B).....	1,664,930.58
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	660,000.00
12	For loss in preceding year.....	
13	<b>TOTAL</b>	<b>\$23,778,179.58</b>
14		
15	<b>Cost:</b>	
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.....	\$1,599,941.00
19	Of electricity to be used for street lights.....	69,000.00
20	Total of above items to be included in the tax levy.....	1,668,941.00
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	\$1,668,941.00

**CUSTOMERS**

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or town	Number of Customers' Meters, December 31.	City or Town	Number of Customers' Meters, December 31.
		Concord	8,389
		Lincoln	7
		Acton	7
<b>TOTAL</b>		<b>TOTAL</b>	<b>8,403</b>

**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.....		\$	69,000
2. Municipal buildings.....			1,599,941
<b>TOTAL</b>		<b>\$</b>	<b>1,668,941</b>

\*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:

1. Purchased a new 2013 International 4300 Bucket Truck and a 2012 Ford E-350 Telecommunications Van.
2. Upgraded two existing 30/40/50/MVA power transformers with two 45/60/75 MVA power transformers resulting in upgrading the capacity at Substation 219 to 60 MVA
3. Emerson Hospital - Installed and energized a new S&C metal clad outdoor switch gear with automatic transfer capabilities.
4. Completed design of new circuit 219-H10 and installed 15 kV rated cable, devices, and structures along 6 miles of roadway. This work was performed in preparation of energizing the new circuit and converting the primary electric system from 4kV to 13.8 kV. This circuit is planned for initiation in 2014 and will feed approximately 950 customers.
5. Designed and installed an underground single-phase primary electric distribution system for future direct buried electric primary replacement at 1437 Monument Street.
6. Designed and constructed an attached cold storage 7500 sq. ft. warehouse including racking and a 5.000 ton crane at CMLP's Headquarters at 1175 Elm Street.
7. Designed and installed an underground single-phase primary electric distribution system at 150 Barnes Hill Road.
8. Designed and installed an underground single-phase primary and secondary electric distribution system for faculty housing at the Middlesex School at 1400 Lowell Road.
9. Designed a new underground primary electric distribution system to facilitate both the existing and new Concord Carlisle High Schools at 500 Walden Street.

Maintenance of overhead facilities:

Tree trimming was performed on approximately 1/3 of the Light Plant's overhead electric distribution system including primary and service wires.

In gas property:

**BONDS**

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue	Period of Payments		Rate	Interest When Payable	Amount Outstanding
			Amounts	When Payable			
4-4-1898	8-1-1898	35,000.00					
6-1-1900	8-1-1900	16,000.00					
4-1-1901	8-1-1901	10,000.00					
9-30-1902	11-1-1902	10,000.00					
9-30-1903	10-1-1903	15,000.00					
4-4-1904	8-1-1904	10,000.00					
4-4-1910	8-1-1910	20,000.00					
5-5-1916	11-1-1916	10,000.00					
3-7-1921	7-5-1921	75,000.00					
3-14&15-1955	11-1-1955	225,000.00					
6-8-1956	7-1-1956	115,000.00					
5-6-1974	10-1-1974	700,000.00					
5-19-1980	3-18-1981	627,000.00					
3-27-1990	4-15-1991	500,000.00					
3-27-1990	4-15-1991	1,000,000.00					
4-22-1991	4-15-1992	2,000,000.00					
4-22-1991	4-15-1992	500,000.00					
4-22-1991	6-29-1993	6,000,000.00	300,000.00	July 15	4.70%	Jan 15 & July 15	0.00
4-22-2002	2-15-2003	600,000.00					
4-27-2005	3-1-2006	500,000.00	55,000.00	March 1	3.42%	Sep 1 & Mar 1	110,000.00
4-27-2005	3-1-2007	1,000,000.00	105,000.00	March 1	3.81%	Sep 1 & Mar 1	345,000.00
4-27-2009	5-17-2011	4,000,000.00	300,000.00	May 15	2.59%	May 15 & Nov 15	3,400,000.00
<b>TOTAL</b>		\$17,968,000.00	\$760,000.00				\$3,855,000.00

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

\*Date of meeting and whether regular or special

<b>TOWN NOTES</b> (Issued on Account of Gas or Electric Lighting.)									
When Authorized*	Date of Issue	Amount of Original Issue	Period of Payments		Rate	Interest When Payable	Amount Outstanding		
			Amounts	When Payable					
4-3-1905	5-1-1905	3,000.00							
4-2-1906	5-1-1906	5,000.00							
4-1-1907	10-1-1907	2,000.00							
4-6-1908	11-2-1908	6,000.00							
4-5-1909	4-5-1909	2,000.00							
4-1-1912	6-1-1912	8,000.00							
5-6-1913	10-1-1913	15,000.00							
3-14-1957	11-1-1957	60,000.00							
6-14-1971	2-20-1974	150,000.00							
4-27-2005	7-28-2005	500,000.00							
4-27-2005	5-4-2006	700,000.00							
4-27-2009	5-27-2010	4,000,000.00							\$1,200,000.00
4-23-2012	6-27-2013	1,200,000.00							\$2,635,000.00
4-23-2012	12-19-2013	2,635,000.00							
<b>TOTAL</b>		\$9,286,000.00		\$0.00					\$3,835,000.00

The bonds and notes outstanding at end of year should agree with the Balance Sheet. When bonds and notes are repaid report the first three columns only.  
 \*Date of meeting and whether regular or special





**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	<b>Total Hydraulic Production Plant</b>	\$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	<b>Total Other Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	<b>Total Production Plant</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights	497,588.75					497,588.75
22	352 Structures and Improvements	1,967,108.66					1,967,108.66
23	353 Station Equipment	1,709,943.98	2,496,018.71	1,592,382.40			2,613,580.29
24	357 Underground Conduits	421,793.11					421,793.11
25	358 Undergrnd Conductors & Devices	487,720.07					487,720.07
26	<b>Total Transmission Plant</b>	5,084,154.57	2,496,018.71	1,592,382.40	0.00	0.00	5,987,790.88
27	3A. SUBTRANSMISSION PLANT						
28	352ST Structures and Improvements	211,474.35					211,474.35
29	353ST Station Equipment	1,289,482.84					1,289,482.84
30	357ST Underground Conduits	2,829,991.75					2,829,991.75
31	358ST Undergrnd Conductors & Devices	2,000,454.82					2,000,454.82
32	<b>Total Sub &amp; Transmission Plant</b>	6,331,403.76	0.00	0.00	0.00	0.00	6,331,403.76

**TOTAL COST OF PLANT - ELECTRIC (Concluded)**

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights	\$186,275.00					\$186,275.00
3	361 Structures and Improvements	684,190.83					684,190.83
4	362 Station Equipment	792,000.70	\$80,000.00	55,678.46			816,322.24
5	363 Storage Battery Equipment	0.00					0.00
6	364 Poles, Towers and Fixtures	1,139,202.55	14,939.58	29,101.00			1,125,041.13
7	365 Overhead Conductors and Devices	2,686,342.31	22,359.34	5,268.00			2,703,433.65
8	366 Underground Conduits	8,871,673.95	16,142.31	691.00			8,887,125.26
9	367 Underground Conductors & Devices	6,394,193.39	19,134.80	2,832.00			6,410,496.19
10	368 Line Transformers	3,824,761.88	147,128.13				3,971,890.01
11	369 Services	838,195.73	69,906.62	4,916.00			903,186.35
12	369C Services Conversion overhead to undgrnd	452,297.65	7,500.00				459,797.65
13	370 Meters	955,105.07	22,818.17	29,938.85			947,984.39
14	371 Installation on Cust's Premises	66,703.45	363.23	325.00			66,741.68
15	373 Street Light and Signal Systems	939,305.96	32,342.29	3,852.00			967,796.25
16	<b>Total Distribution Plant</b>	<b>27,830,248.47</b>	<b>432,634.47</b>	<b>132,602.31</b>	<b>0.00</b>	<b>0.00</b>	<b>28,130,280.63</b>
17	<b>5. GENERAL PLANT</b>						
18	389 Land and Land Rights	0.00					0.00
19	390 Structures and Improvements	4,877,893.20	800,060.90	122,208.45			5,555,745.65
20	391 Office Furniture and Equipment	217,814.50	16,344.84	12,417.00			221,742.34
21	392 Transportation Equipment	1,740,634.37	210,905.68	25,384.60			1,926,155.45
22	393 Stores Equipment	89,882.20					89,882.20
23	394 Tools, Shop and Garage Equipment	60,310.77	21,911.49	1,244.87			82,222.26
24	395 Laboratory Equipment	135,942.85	32,403.84				167,101.82
25	396 Power Operated Equipment	41,857.00					41,857.00
26	397 Communication Equipment	4,684,043.80	823,741.81	279,054.35			5,228,731.26
27	398 Miscellaneous Equipment	11,212.62	661.36				11,873.98
28	399 Computer Equipment	586,334.32	7,819.41	273,793.37			320,360.36
29	<b>Total General Plant</b>	<b>12,445,925.63</b>	<b>1,913,849.33</b>	<b>714,102.64</b>	<b>0.00</b>	<b>0.00</b>	<b>13,645,672.32</b>
30	<b>Total Electric Plant in Service</b>	<b>53,778,134.49</b>	<b>4,842,502.51</b>	<b>2,439,087.35</b>	<b>0.00</b>	<b>0.00</b>	<b>56,181,549.65</b>
31				Total Cost of Electric Plant			
32				Less Cost of Land, Land Rights, Rights of Way			
33				Total Cost upon which Depreciation is based			
34							683,863.75
							55,497,685.90

The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land 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 of Year (c)	Increase or (Decrease) (d)
1	<b>UTILITY PLANT</b>			
2	101 Utility Plant - Electric (P.17)	36,045,795.76	38,249,237.99	2,203,442.23
3	101 Utility Plant - gas (P.20)			
4	123 Investment in Associated Companies			
5	Total Utility Plant	36,045,795.76	38,249,237.99	2,203,442.23
6				
7	121 Non Utility Property	0.00	0.00	0.00
8				
9	<b>FUND ACCOUNTS</b>			
10	124 Other Investments .....	163,268.87	159,820.61	(3,448.26)
11	125 Sinking Funds			
12	126 Depreciation Fund (P. 14)	1,540,844.63	1,937,543.51	396,698.88
13	128 Other Special Funds	174,276.08	180,573.10	6,297.02
14				
15	Total Funds	1,878,389.58	2,277,937.22	399,547.64
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14)	6,979,937.32	8,299,836.27	1,319,898.95
18	132 Special Deposits + 134	1,343,794.42	1,099,839.57	(243,954.85)
19	133 Operating Reserve Fund	1,130,000.00	1,130,000.00	0.00
20	135 Working Funds 131A UG Fund ....	430,206.63	754,599.12	324,392.49
21	141 Notes and Receivable	0.00	0.00	0.00
22	142 Customer Accounts Receivable	2,234,674.30	2,397,902.24	163,227.94
23	143 Other Accounts Receivable	4,954.73	36,249.94	31,295.21
24	146 Receivables from Municipality	76,653.13	123,598.22	46,945.09
25	154 Materials and Supplies (P.14)	823,629.74	878,769.94	55,140.20
26	165 Prepayments	3,284,326.93	3,478,080.48	193,753.55
27	174 Miscellaneous Current Assets	1,774,858.51	1,925,252.95	150,394.44
28	Total Current and Accrued Assets	18,083,035.71	20,124,128.73	2,041,093.02
29	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount	(104,510.35)	(97,314.71)	7,195.64
31	182 Extraordinary Property Losses			0.00
32	186 Other Deferred Debits	56,003.56	54,017.69	(1,985.87)
33	Total Deferred Debits	(48,506.79)	(43,297.02)	5,209.77
34				
35	Total Assets and Other Debits	55,958,714.26	60,608,006.92	4,649,292.66

**COMPARATIVE BALANCE SHEET Liabilities and Other Credits**

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	<b>APPROPRIATIONS</b>			
2	201 Appropriations for Construction			
3	<b>SURPLUS</b>			
4	205 Sinking Fund Reserves			
5	206 Loans Repayments	7,174,583.30	1,784,583.30	(5,390,000.00)
6	207 Appropriations for Construction Repayments			
7	208 Unappropriated Earned Surplus (P.12)	35,733,220.37	42,843,413.56	7,110,193.19
8	Total Surplus	42,907,803.67	44,627,996.86	1,720,193.19
9	<b>LONG TERM DEBT</b>			
10	221 Bonds (P.6)	4,615,000.00	3,855,000.00	(760,000.00)
11	231 Notes Payable (P.7)	0.00	3,835,000.00	3,835,000.00
12	Total Bonds and Notes	4,615,000.00	7,690,000.00	3,075,000.00
13	<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	228 Appropriation of Benefit	119,700.00	125,107.05	5,407.05
15	232 Accounts Payable	3,225,409.11	4,229,486.48	1,004,077.37
16	234 Payables to Municipality	207,473.00	0.00	(207,473.00)
17	235 Customer' Deposits	324,123.80	324,868.14	744.34
18	236 Taxes Accrued	27,530.34	28,586.34	1,056.00
19	237 Interest Accrued	34,816.26	24,958.81	(9,857.45)
20	242 Miscellaneous Current and Accrued Liabilities	4,076,233.72	3,192,920.51	(883,313.21)
21	Total Current and Accrued Liabilities	8,015,286.23	7,925,927.33	(89,358.90)
22	<b>DEFERRED CREDITS</b>			
23	251 Unamortized Premium on Debt			
24	252 Customer Advances for Construction	216,348.28	153,509.63	(62,838.65)
25	253 Other Deferred Credits			
26	Total Deferred Credits	216,348.28	153,509.63	(62,838.65)
27	<b>RESERVES</b>			
28	260 Reserves for Uncollectable Accounts	30,000.00	30,000.00	0.00
29	261 Property Insurance Reserve			
30	262 Injuries and Damages Reserves	174,276.08	180,573.10	6,297.02
31	263 Pensions and Benefits			
32	265 Miscellaneous Operating Reserves			
33	Total Reserves	204,276.08	210,573.10	6,297.02
34	<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
35	271 Contributions in Aid of Construction			0.00
	Total Liabilities and Other Credits	55,958,714.26	60,608,006.92	4,649,292.66

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.

Payment in Lieu of Taxes \$447,800.00

**STATEMENT OF INCOME FOR THE YEAR**

Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenue (P.37)	25,741,660.02	(2,589,994.88)
3	Operating Expenses:		
4	401 Operation Expense (P.42)	20,780,206.94	(3,676,486.59)
5	402 Maintenance Expense (P. 42)	685,017.53	6,866.35
6	403 Depreciation Expense	1,592,828.12	117,434.27
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P.49)		
10	Total Operating Expenses	23,058,052.59	(3,552,185.97)
11	Operating Income	2,683,607.43	962,191.09
12	414 Other Utility Operating Income (P.50)		
13			
14	Total Operating Income	2,683,607.43	962,191.09
15	<b>OTHER INCOME</b>		
16	415 Income from Merch., Job.& Contract Work(P.51)	97,457.09	(41,231.67)
17	419 Interest Income	26,752.69	(15,208.31)
18	421 Miscellaneous Nonoperating Income	1,658.00	(1,061.67)
19	Total Other Income	125,867.78	(57,501.65)
20	Total Income	2,809,475.21	904,689.44
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization		0.00
23	426 Other Income Deductions	516.26	(65.15)
24	Total Income Deductions	516.26	(65.15)
25	Income Before Interest Charges	2,808,958.95	904,754.59
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	132,778.81	(33,928.27)
28	428 Amortization of Debt Discount and Expense	(7,195.64)	(845.66)
29	429 Amortization of Premium on Debt-Credit		
30	431 Other Interest Expense		
31	432 Interest Charged to Construction-Credit		
32	Total Interest Charges	125,583.17	(34,773.93)
33	Net Income	2,683,375.78	939,528.52

**EARNED SURPLUS**

Line No.	(a)	Debits (b)	Credits (c)
34	Unapprop.Earned Surplus(at beginning of period)		36,059,894.94
35			
36			
37	433 Balance Transferred from Income		2,683,375.78
38	434 Miscellaneous Credits to Surplus (P.21)		
39	435 Miscellaneous Debits to Surplus (P.21)		
40	436 Appropriation of Surplus (P.21)	1,057,800.00	6,000,000.00
41	437 Surplus Applied to Depreciation	842,057.07	
42	208 Unapprop. Earned Surplus(at end of period)	42,843,413.65	
43			
44	<b>TOTALS</b>	44,743,270.72	44,743,270.72

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

Line No.	Items (a)	Amount (b)
1	Operating Cash Fund.....	8,299,836.27
2	Underground Fund.....	754,599.12
3	Emergency Repairs Fund.....	1,130,000.00
4	Customer Deposit Fund.....	324,868.14
5	Customer Advance for Construction.....	155,409.04
6	Bond Fund.....	333,333.33
7	Interest Fund.....	27,508.72
8	Rate Stabilization Fund.....	258,579.65
9		
10		
11		
12	TOTAL	11,284,134.27

**MATERIALS AND SUPPLIES (Accounts 151-159, 163)**

**Summary per Balance Sheet**

Line No.	Account (a)	Amount End of Year
		Electric (b)
13	Fuel (Account 151 ) (See Schedule, Page 25)	
14	Fuel Stock Expenses (Account 152)	
15	Residuals (Account 153)	
16	Plant Materials & Operating Supplies(Account 154)	878,769.94
17	Merchandise (Account 155)	
18	Other Materials and Supplies (Account 156)	
19	Nuclear Fuel Assembly & Comp.-(Acct.157)	
20	Nuclear Fuel Assembly & Comp.-(Account 158)	
21	Nuclear Byproduct Materials (Account 159)	
22	Stores Expense (Account 163)	
23	Total Per Balance Sheet	878,769.94

**DEPRECIATION FUND ACCOUNT (Account 126)**

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	1,540,844.63
26	Income during year from balance on deposit	2,446.16
27	Amount transferred from income	1,592,828.12
28	Amount transferred from underground fund	35,273.37
29	TOTAL	3,171,392.28
30	CREDITS	
31	Amount expended for constr.(Sec.57,C.164 of G.L.)	1,233,848.77
32	Amounts expended for renewals,viz:-	
33		
38		
39	Balance on hand at end of year	1,937,543.51
40		

**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	<b>I. INTANGIBLE PLANT</b>	\$1,387,471.62		(\$10,221.80)			\$1,377,249.82
2							
3							
4							
5							
6	<b>2. PRODUCTION PLANT</b>						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines & Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	316 Miscellaneous Power Plant Equipment						
15	<b>Total Steam Production Plant</b>	<b>NONE</b>					
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	<b>Total Nuclear Production Plant</b>	<b>NONE</b>					

**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	<b>Total Hydraulic Production Plant</b>	<b>NONE</b>					
10	D. Other Production Plant						
11	340 Land and Land Rights.....						
12	341 Structures and Improvements.....						
13	342 Fuel Holders, Prod. & Access.						
14	343 Prime Movers.....						
15	344 Generators.....						
16	345 Accessory Electric Equipment.....						
17	346 Misc. Power Plant Equipment						
18	<b>Total Other Production Plant</b>	<b>NONE</b>					
19	<b>Total Production Plant</b>	<b>NONE</b>					
20	<b>3. TRANSMISSION PLANT</b>						
21	350 Land and Land Rights.....	\$497,588.75					\$497,588.75
22	352 Structures and Improvements.....	948,155.66		(\$59,013.24)			889,142.42
23	353 Station Equipment.....	389,644.00	1,811,294.28	(51,298.32)			2,149,639.96
24	357 Underground Conduits.....	77,339.53		(8,435.88)			68,903.65
25	358 Underground Conductors and Devices	123,961.53		(14,631.60)			109,329.93
26	<b>Total Transmission Plant.....</b>	<b>2,036,689.47</b>	<b>1,811,294.28</b>	<b>(133,379.04)</b>	<b>0.00</b>	<b>0.00</b>	<b>3,714,604.71</b>
27	<b>3A. SUBTRANSMISSION PLANT</b>						
28	352ST Structures and Improvements.....	107,018.55		(6,344.28)			100,674.27
29	353ST Station Equipment.....	660,171.16		(38,684.52)			621,486.64
30	357ST Underground Conduits.....	1,571,823.31		(56,599.80)			1,515,223.51
31	358ST Underground Conductors and Devices	920,755.78		(60,013.68)			860,742.10
32	<b>Total Sub &amp; Transmission Plant</b>	<b>3,259,768.80</b>	<b>0.00</b>	<b>(161,642.28)</b>	<b>0.00</b>	<b>0.00</b>	<b>3,098,126.52</b>



**UTILITY PLANT - ELECTRIC (Concluded)**

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	<b>4. DISTRIBUTION PLANT</b>						
2	360 Land and Land Rights.....	\$186,275.00					\$186,275.00
3	361 Structures and Improvements.....	341,491.96		(\$20,525.76)			320,966.20
4	362 Station Equipment.....	489,076.66	\$57,728.62	(23,760.00)			523,045.28
5	363 Storage Battery Equipment.....	0.00					0.00
6	364 Poles, Towers and Fixtures.....	332,913.69	2,922.58	(34,176.12)			301,660.15
7	365 Overhead Conductors and Devices	1,293,597.03	19,872.84	(80,590.32)			1,232,879.55
8	366 Underground Conduits.....	6,516,729.65	15,849.56	(177,433.44)			6,355,145.77
9	367 Underground Conductors & Devices	4,117,495.64	17,781.55	(191,825.88)			3,943,451.31
10	368 Line Transformers.....	1,423,398.66	147,128.13	(114,742.92)			1,455,783.87
11	369 Services.....	647,223.24	67,553.12	(25,146.00)			689,630.36
12	369C Service Conversions-Ovhd to Undgrnd.	298,924.62	7,500.00	(13,568.88)			292,855.74
13	370 Meters.....	751,528.25	2,239.82	(47,755.20)			706,012.87
14	371 Installation on Cust's Premises	44,123.05	268.73	(2,001.12)			42,390.66
15	372 Leased Prop. on Cust's Premises	0.00					0.00
16	373 Street Light and Signal Systems	701,039.95	29,770.29	(46,965.36)			683,844.88
17	<b>Total Distribution Plant</b>	17,143,817.40	368,615.24	(778,491.00)	0.00	0.00	16,733,941.64
18	<b>5. GENERAL PLANT</b>						
19	389 Land and Land Rights.....	0.00					0.00
20	390 Structures and Improvements.....	3,414,070.08	718,792.28	(146,336.76)			3,986,525.60
21	391 Office Furniture and Equipment.....	87,056.50	9,405.14	(10,956.84)			85,504.80
22	392 Transportation Equipment.....	576,526.78	210,905.68	(100,086.48)			687,345.98
23	393 Stores Equipment.....	26,781.18		(1,797.60)			24,983.58
24	394 Tools, Shop and Garage Equipment	13,665.72	21,911.49	(1,809.36)			33,767.85
25	395 Laboratory Equipment.....	67,685.97	32,403.84	(10,875.48)			89,214.33
26	396 Power Operated Equipment.....	6,006.53		(1,674.24)			4,332.29
27	397 Communication Equipment.....	3,852,441.46	798,866.59	(199,305.36)			4,452,002.69
28	398 Miscellaneous Equipment.....	10,328.82	661.36	(672.72)			10,317.46
29	399 Computer Equipment.....	88,714.95	7,819.41	(35,579.16)			60,955.20
30	<b>Total General Plant.....</b>	8,143,277.99	1,800,765.79	(509,094.00)	0.00	0.00	9,434,949.78
31	<b>Total Electric Plant in Service</b>	31,971,025.28	3,980,675.31	(1,592,828.12)	0.00	0.00	34,358,872.47
32	104 Utility Plant Leased to Others						
33	105 Property Held for Future Use						
34	107 Construction Work in Progress	4,074,770.48	(184,404.96)				3,890,365.52
	<b>Total Utility Plant Electric</b>	36,045,795.76	3,796,270.35	(1,592,828.12)	0.00	0.00	38,249,237.99

**PRODUCTION FUEL AND OIL STOCKS (Included in Account 154)  
(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		NONE			
2	Received During Year					
3	<b>TOTAL</b>					
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	<b>TOTAL DISPOSED OF</b>					
13	<b>BALANCE END OF YEAR</b>					
Kinds of Fuel and Oil - Continued						
Line No.	Item (g)	Quantity (h)	Cost (i)	Quantity (j)	Cost (k)	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						

Annual Report of the Town of Concord Municipal Light Plant

Year ended December 31, 2013

**MISCELLANEOUS NON-OPERATING INCOME (Account 421)**

Line No.	Item (a)	Amount (b)
1	Sale of Solar Renewable Energy Certificates	1,658.80
2		
4		
5		
6	TOTAL	1,658.80

**OTHER INCOME DEDUCTIONS (Account 426)**

Line No.	Item (a)	Amount (b)
7	Interest on Deposits	516.26
8		
9		
12		
13		
14	TOTAL	516.26

**MISCELLANEOUS CREDITS TO SURPLUS (Account 434)**

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

**MISCELLANEOUS DEBITS TO SURPLUS (Account 435)**

Line No.	Item (a)	Amount (b)
24		
25		
26		
30		
31		
32	TOTAL	0.00

**APPROPRIATIONS OF SURPLUS (Account 436)**

Line No.	Item (a)	Amount (b)
33	Appropriation to reduce tax levy	447,800.00
34	Appropriation for Repayment of Bonds	610,000.00
35	Reversal of Appropriation of Bonds and Notes Fully Retired	(6,000,000.00)
37		
38		
39		
40	TOTAL	(4,942,200.00)

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

Line No.	Acc't No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per M.C.F. (\$0.0000) (d)
1	482				
2					
3					
4		TOTALS	NONE		

Line No.	Acc't No.	Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per K.W.H. (cents) (0.0000) (d)
5	444	Municipal: (Other Than Street Lighting)	10,667,448	1,517,843.92	14.2287
6					
7		TOTALS	10,667,448	1,517,843.92	14.2287
8					
9		Street Lighting:	450,440	70,925.05	15.7457
10					
11		TOTALS	450,440	70,925.05	15.7457
12					
13					
17					
19		TOTALS	11,117,888	1,588,768.97	14.2902

**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		Concord Mass.			
21	Customer Net Metering	@ 13800 Volts	41,129	2,019.68	4.9106
22	NextEra	Station #219 @115/13.8Kv	63,198,878	3,554,112.19	5.6237
23	PASNY Hydro Power		6,395,290	208,687.42	3.2631
24	Exelon		61,488,419	3,185,039.34	5.1799
25	Braintree Watson		4,728,973	1,705,209.85	36.0588
26	ISO Spot Market		24,657,430	3,245,069.96	13.1606
27	Miller Hydro Group		5,855,408	325,275.97	5.5551
28	Industrial Power Services		6,543,493	286,754.78	4.3823
29	Spruce Mountain Wind		5,548,084	210,515.47	3.7944
30	Dominion UCAP		CAPACITY Only	568,620.00	0.0000
31	PSEG of New Jersey		CAPACITY Only	516,059.54	0.0000
32					
33		TOTALS	178,457,104	13,807,364.20	7.7371

**SALES FOR RESALE (Account 447)**

Line No.	Names of Utilities from Which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Revenues per K.W.H. (cents) (0.0000) (e)
34					
35					
36					
37		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-R1	Residential	66,242,082	10,164,808.50	0.1534	6,382	6,458	
2	440-R2	Residential w/Contrld Wtr Ht	4,690,934	590,284.74	0.1258	348	348	
3	440-R3	Residential Off Peak	2,273,630	129,777.77	0.0571			
4	440-R4	Residential Farm	103,739	14,391.40	0.1387	6	6	
5	442-G1-1	Small General	13,350,638	2,300,033.35	0.1723	1,082	1,073	
6	442-G1-2	General w/Contrld Wtr Ht	557	30.68	0.0551			
7	442-21OP	Small General W Controlled ETS Heat	36,302	2,017.51	0.0556			
8	442-G1-4	Small General Farm	130,892	19,998.24	0.1528	8	8	
9	442-G2-1	Medium General	22,680,852	3,409,590.80	0.1503	150	154	
10	442-G2OP	Med. General W Controlled ETS Heat	0	0.00	0.0000			
11	442-G2-4	Medium General Farm	274,200	36,322.25	0.1325	1	1	
12	442-G3-1	Large General	46,231,099	5,887,836.58	0.1274	24	22	
13	444-G1	Municipal Small General	292,221	51,939.06	0.1777	40	41	
14	444-G2	Municipal Medium General	4,965,983	728,716.98	0.1467	22	20	
15	444-G3	Municipal Large General	5,409,244	737,187.88	0.1363	5	5	
16	444-SL	Municipal Street Lights	450,440	70,925.05	0.1575	1	1	
17	445	Unbilled Revenue	638,363	150,394.44				
18	449-1	Provision for Rate Refund		992,134.67				
19	449-15	Provision for Rate Stabilization		(302,499.16)				
20								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48	TOTAL SALES TO ULTIMATE CONSUMERS							
49	(page 37 Line 11)			167,771,176	24,983,890.74	0.1489	8,069	8,137

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

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

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering		
5	501 Fuel		
6	502 Steam expenses		
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	None	
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	None	
20	Total power production expenses-steam power	None	
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering		
24	518 Fuel		
25	519 Coolants and water		
26	520 Steam expenses		
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	None	
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	None	
40	Total power production expenses-nuclear power	None	
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	None	

(continued on page 40)

Annual Report of the Town of Concord Municipal Light Plant

Year ended December 31, 2013

**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		
7	545 Maintenance of misc. hydraulic plant		
8	Total maintenance	None	
9	Total power production exp.-hydraulic power	None	
10	OTHER POWER GENERATION		
11	Operation		
12	546 Operation supervision and engineering		
13	547 Fuel		
14	548 Generation Expenses		
15	549 Misc. other power generation expense		
16	550 Rents		
17	Total Operation	None	
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of generating and electric plant		
22	554 Maintenance of misc. other power generation plant		
23	Total Maintenance	None	
24	Total power production exp.-other power	None	
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	13,807,364.20	(4,279,524.52)
27	556 System control and load dispatching	0.00	0.00
28	557 Other expenses	3,336,191.20	538,140.03
29	Total other power supply expenses	17,143,555.40	(3,741,384.49)
30	Total power production expenses	17,143,555.40	(3,741,384.49)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching	0.00	0.00
35	562 Station expenses	2,478.12	(1,786.39)
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others		
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	2,478.12	(1,786.39)
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures		
45	570 Maintenance of station equipment	86,717.40	(16,571.19)
46	571 Maintenance of overhead lines		
47	572 Maintenance of underground lines	0.00	0.00
48	573 Maintenance of misc. transmission plant		
49	Total maintenance	86,717.40	(16,571.19)
50	Total transmission expenses	89,195.52	(18,357.58)



**ELECTRIC OPERATION AND MAINTENANCE EXPENSES-Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>	\$	\$
2	Operation:		
3	580 Operation supervision & engineering		
4	581 Load dispatching	105,763.53	(4,820.33)
5	582 Station expenses	49.56	(102.46)
6	583 Overhead line expenses	16,864.80	(11,132.72)
7	584 Underground line expenses	0.00	(26.25)
8	585 Street light and signal system exp.		
9	586 Meter expenses	84,423.90	1,206.72
10	587 Customer installations expenses		
12	589 Rents	8,789.21	144.04
13	Total operation	215,891.00	(14,731.00)
14	Maintenance:		
15	590 Supervision	92,700.11	16,413.35
16	591 Maintenance of structures	0.00	0.00
17	592 Maintenance of station equipment	5,223.28	(816.05)
18	593 Maintenance of overhead lines	256,281.71	(4,789.51)
19	594 Maintenance of underground lines	91,649.35	18,183.60
20	595 Maintenance of line transformers	386.00	76.73
21	596 Maintenance of street light & signal sys.	17,696.85	(802.07)
22	597 Maintenance of meters	0.00	0.00
23	598 Maintenance of misc. distribution plant	144.64	(2,324.29)
24	Total maintenance	464,081.94	25,941.76
25	Total distribution expenses	679,972.94	11,210.76
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	6,368.76	1,028.57
29	902 Meter reading expenses	1,948.71	(87.69)
30	903 Customer records & collection expenses	183,742.88	18,028.56
31	904 Uncollectable accounts	8,869.21	(30,508.54)
32	906 Customer service & Information	33,876.28	3,094.74
	908 Consumer education	43,133.33	9,797.24
	909 Info & instructional services	568,771.29	319,147.95
	910 Miscellaneous customer service	0.00	(100.00)
33	Total customer accounts expenses	846,710.46	320,400.83
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and selling expenses		
38	913 Advertising expenses		
39	916 Miscellaneous sales expenses		
40	Total sales expenses	0.00	0.00
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	1,281,976.36	23,799.70
44	921 Office supplies and expenses	68,094.18	3,823.25
46	923 Outside services employed	136,048.04	(41,472.15)
47	924 Property insurance	46,574.00	1,856.50
48	925 Injuries and damages	18,757.57	(755.47)
49	926 Employee pensions and benefits	1,001,987.31	(140,025.22)
50	928 Regulatory commission expenses		
51	929 Duplicate charges - Cr		
52	930 Miscellaneous general expenses & 934	(15,728.48)	(89,070.38)
53	931 Rents	33,862.98	2,858.23
54	Total operation	2,571,571.96	(238,985.54)

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES-Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE & GENERAL EXPENSES-Continued		
2	Maintenance:		
3	932 Maintenance of general plant	194,776.79	14,389.66
4	933 Transportation expense	(60,558.60)	(16,893.88)
5	Total Maintenance	134,218.19	(2,504.22)
6	Total admin. and general expenses	2,705,790.15	(241,489.76)
7	Total Electric Operation & Maintenance Expenses	21,465,224.47	(3,669,620.24)

**SUMMARY OF 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	17,143,555.40		17,143,555.40
15	Total Power Production Expenses	17,143,555.40		17,143,555.40
16	Transmission Expenses	2,478.12	86,717.40	89,195.52
17	Distribution Expenses	215,891.00	464,081.94	679,972.94
18	Customer Accounts Expenses	846,710.46		846,710.46
19	Sales Expenses	0.00		0.00
20	Administrative and General Expenses	2,571,571.96	134,218.19	2,705,790.15
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	20,780,206.94	685,017.53	21,465,224.47

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 22(d), Depreciation (Acct 403) and Amortization (Acct 407).....	89.57%
24	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.....	\$2,635,999.87
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	NONE				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	<b>TOTALS</b>	\$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 (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns.....				
4	Contract work.....	314,948.30			314,948.30
5	Commissions.....				
6	Other(list according to major classes)				
7					
8					
9					
10	Total Revenues	\$314,948.30	\$0.00	\$0.00	\$314,948.30
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost).....				
16					
17	Labor	107,203.57			107,203.57
18	Transportation	53,964.05			53,964.05
19	Materials	56,323.59			56,323.59
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	\$217,491.21	\$0.00	\$0.00	\$217,491.21
51	Net Profit (or loss)	\$97,457.09	\$0.00	\$0.00	\$97,457.09

**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) Non-associated 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 invoices 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	Sub-station	Kw or Kva of Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
						(a)	(b)	(c)
1	NONE							
2								
3								
4								
5								
6								
7								
8								
9								
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12								
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29								
30								
31								
32								
33								
34								
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 amount entered in column (n) such as fuel or other adjustments.

8. If a contact 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)		
NONE								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								28
								29
								30
								31
								32
								33
								34
<b>TOTALS</b>		0	\$0	\$0	\$0	\$0	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 columns (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	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)		
								1
								2
60 minute	13.8K	63,198,878	\$3,554,112	\$0	\$0	\$3,554,112	5.6237	3
60 minute	13.8K	6,395,290	208,687	0	0	208,687	3.2631	4
60 minute	13.8K	24,657,430	3,245,070	0	0	3,245,070	13.1606	5
60 minute	13.8K	5,855,408	325,276	0	0	325,276	5.5551	6
60 minute	13.8K	6,543,493	286,755	0	0	286,755	4.3823	7
60 minute	13.8K	5,548,084	210,515	0	0	210,515	3.7944	8
60 minute	13.8K	61,488,419	3,185,039	0	0	3,185,039	5.1799	9
								10
								11
								12
60 minute	13.8K	41,129	2,020	0	0	2,020	4.9106	13
								14
								15
								16
60 minute	13.8K	4,728,973	1,705,210	0	0	1,705,210	36.0588	17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
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								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
<b>TOTALS</b>		178,457,104	\$12,722,685	\$0	\$0	\$12,722,685	7.1293	41

**INTERCHANGE POWER (Included in Account 555)**

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, and credits under an interconnection, power pooling, 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.

1. Report below the Kilowatt-hours received and delivered during the year and the net change or credit under interchange power agreements.
2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Non-associated Utilities, (3) Associated Non-utilities, (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

**A. Summary of Interchange According to Companies and points of Interchange**

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

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

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

**ELECTRIC ENERGY ACCOUNT**

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

Line No.	Item (a)	Kilowatt-hours (b)
<b>SOURCES OF ENERGY</b>		
1		
2	Generation (excluding station use):	
3	Steam..... Gas Turbine Combined Cycle	
4	Nuclear.....	
5	Hydro.....	
6	Other..... Diesel	
7	Total generation.....	
8	Purchases.....	178,457,104
9	{ In (gross).....	
10	Interchanges..... { Out (gross).....	
11	{ Net (Kwh).....	
12	{ Received.....	
13	Transmission for/by others (wh..... {Delivered.....	
14	{ Net (kwh).....	
15	<b>TOTAL.....</b>	<b>178,457,104</b>
<b>DISPOSITION OF ENERGY</b>		
16		
17	Sales to ultimate consumers (including interdepartmental sales).....	167,771,176
18	Sales for resale.....	
19	Energy furnished with out charge.....	
20	Energy used by the company (excluding station use).....	679,722
21	Electric department only.....	679,722
22	Energy losses:	
23	Transmission and conversion losses.....	
24	Distribution losses.....	10,006,206
25	Unaccounted for losses.....	
26	Total energy losses.....	10,006,206
27	Energy losses as percent of total on line 15..... 5.61%	
28	<b>TOTAL</b>	<b>178,457,104</b>

**MONTHLY PEAKS AND OUTPUT**

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum Kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange minus temporary deliveries (not interchange) or emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.)

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or 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	29,934	Thursday	24	6pm-7pm	60 Minute Int.	16,406,675
30	February	27,996	Saturday	9	9pm-10pm	60 Minute Int.	14,423,890
31	March	25,928	Thursday	7	7pm-8pm	60 Minute Int.	14,391,816
32	April	23,106	Tuesday	2	9pm-10pm	60 Minute Int.	12,657,762
33	May	35,945	Friday	31	5pm-6pm	60 Minute Int.	13,525,202
34	June	40,014	Monday	24	4pm-5pm	60 Minute Int.	14,932,789
35	July	42,574	Friday	19	4pm-5pm	60 Minute Int.	19,119,663
36	August	32,321	Wednesday	21	5pm-6pm	60 Minute Int.	15,353,166
37	September	37,533	Wednesday	11	4pm-5pm	60 Minute Int.	13,806,876
38	October	24,415	Monday	7	7pm-8pm	60 Minute Int.	13,440,289
39	November	27,632	Sunday	24	9pm-10pm	60 Minute Int.	14,025,261
40	December	31,545	Tuesday	17	6pm-7pm	60 Minute Int.	16,373,715
41						<b>TOTAL</b>	<b>178,457,104</b>

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

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

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

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

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

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

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

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

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, int. com., gas turbine)	<b>NONE</b>		
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)			
3	Year originally constructed			
4	Year last unit was installed			
5	Total installed capacity (maximum generator name plate ratings in kw)			
6	Net peak demand on plant-kilowatts (60 min.)			
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees			
12	Net generation, exclusive of station use			
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements			
16	Reservoirs, dams, and waterways			
17	Equipment costs			
18	Roads, railroads, and bridges			
19	Total cost			
20	Cost per kw of installed capacity			
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel			
25	Supplies and expenses, including water			
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred - Credit			
30	Total production expenses			
31	Expenses per net Kwh (5 places)			
32	Fuel: Kind			
33	Unit: (coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)			
34	Quantity (units) of fuel consumed			
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)			
36	Average cost of fuel per unit, del. f.o.b. plant			
37	Average cost of fuel per unit consumed			
38	Average cost of fuel consumed per million B.t.u.			
39	Average cost of fuel consumed per kwh net gen.			
40	Average B.t.u. per kwh net generation			
41				
42				

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

547 as shown on line 24

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

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

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

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

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
NONE						1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
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					37	
					38	
					39	
					40	
					41	
					42	

**STEAM GENERATING STATIONS**

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

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

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1	NONE						
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
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36							
37							

**STEAM GENERATING STATIONS - Continued**

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

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

**Turbine-Generators\***

Year Installed (h)	Type (i)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				NONE							

**Note Reference:**

- \*Report cross-compound turbine-generator units on two lines - H.P. section and L.P. section.
- + Indicate tandem-compound (T.C.); cross-compound (C.C.); all single casing (S.C.); topping unit (T), and non-condensing (N.C.). Show back pressures.
- \*\* Designate air cooled generators.
- ++ If other than 3 phase, 60 cycle, indicate other characteristics.
- \*+ Should agree with column (m).

**HYDROELECTRIC GENERATING STATIONS**

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

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

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1	<b>NONE</b>						
2							
3							
4							
5							
6							
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37							

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



**HYDROELECTRIC GENERATING STATIONS - Continued**

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

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

Water Wheels - Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Station (o)	Number of Units in Station (p)		
NONE										1
										2
										3
										4
										5
										6
										7
										8
										9
										10
										11
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										39
TOTALS										

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

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

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

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	NONE						
2							
3							
4							
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**COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued**  
(except nuclear stations)

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

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

Prime Movers - Continued			Generators				Total Installed Generating Capacity in Kilowatts (name plate ratings) (p)	Line No.	
Rated hp. of unit (h)	Total Rated hp. of station Prime Movers (i)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)			Number of Units in Station (o)
NONE								1	
								2	
								3	
								4	
								5	
								6	
								7	
								8	
								9	
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								38	
TOTALS									39

**GENERATING STATION STATISTICS (Small Stations)**

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW\* and other stations of less than 500 KW\* installed capacity (name plate ratings). (\*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.  
 2. Designate any plant leased from others, operated under a license from the Federal Power Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote.  
 3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.  
 4. Specify if total plant capacity is reported in kva instead of kilowatts.  
 5. If peak demand for 60 minutes is not available, give that which is available, specifying period.  
 6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (60 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0.00 (l)
								Labor (h)	Fuel (i)	Other (i)		
1	NONE											
2												
3												
4												
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<b>TOTALS</b>												

**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	NONE							
2								
3								
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47		TOTALS						

\* 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 (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc., and auxiliary equipment for increasing capacity.  
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

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

**VOLTAGE**

**Conversion Apparatus and Special Equipment**

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	Station #479 Williams Rd.	Dist-Unattended	13.8	4.16		10,000	2				
2	Station #223 Main St.	Dist-Unattended	13.8	13.8			0				
3	Station #219 Forest Ridge	Dist. & Sub-trans.-Unattended	115	13.8		120,000	2				
4											
5											
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<b>TOTALS</b>						130,000	4				

**OVERHEAD DISTRIBUTION LINES OPERATED**

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles- Beginning of Year	107.71		107.71
2	Added During Year			0.00
3	Retired During Year			0.00
4	Miles-End of Year	107.71		107.71
5				
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15				

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

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (KVA)
16	Number at beginning of year.....	8,089	10,848	2,358	158,141
17	Additions during year:				
18	Purchased.....		42	44	4,697
19	Installed.....	32			
20	Associated with utility plant acquired....				
21	Total Additions.....	32	42	44	4,697
22	Reductions during year:				
23	Retirements.....	21	21		
24	Associated with utility plant sold.....				
25	Total Reductions.....	21	21	0	0
26	Number at End of Year.....	8,100	10,869	2,402	162,838
27	In stock.....		2,443	406	29,843
28	Locked meters on customers' premises.....				
29	Inactive transformers on system.....				
30	In customers' use.....		8,403	1,979	131,925
31	In company's use.....		23	17	1,070
32	Number at End of Year.....		10,869	2,402	162,838

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	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable			Submarine Cable
			Miles (c)	Operating Voltage (d)	Feet (e)	Operating Voltage (f)
1	Center of Concord	1.110	1.400	1PHASE 7970/13800		
2			5.540	3PHASE 7970/13800		
3						
4						
5	Sub-transmission	8.600	34.400	3PHASE 7970/13800		
6						
7						
8						
9	Distribution Circuits	15.040	39.810	3PHASE 7970/13800		
10						
11						
12						
13	Various URD Developments	7.330	12.130	1PHASE 2400/4160		
14			4.600	3PHASE 2400/4160		
15			47.210	1PHASE 7970/13800		
16			12.680	3PHASE 7970/13800		
17						
18	West Concord Business Area	0.650	0.632	1PHASE 7970/13800		
19			4.037	3PHASE 7970/13800		
20						
21						
22	Route 2 Crossing at Route 62	0.942	1.714	3PHASE 7970/13800		
23						
24						
25						
26						
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30						
31						
32						
33						
34	TOTALS	52.902	164.153			



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	CONCORD	1404	0		29		0		1,375	
2										
3										
4										
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52	TOTALS	1404	0	0	29	0	0	0	1375	0

## RATE SCHEDULE INFORMATION

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

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues	
			Increases	Decreases
January 1, 2013	359	Residential	\$0.00	
January 1, 2013	360	Residential Farm	\$0.00	
January 1, 2013	362	Residential Time of Use	\$0.00	
January 1, 2013	361	Residential Time of Use Electric Vehicles	\$500.00	
January 1, 2013	363	Residential Controlled Water Heating	\$0.00	
January 1, 2013	364	Residential Controlled Water Heating Electric Heat Pump	\$0.00	
January 1, 2013	365	Residential Off Peak ETS, Electric Vehicle Charging	\$0.00	
January 1, 2013	366	Residential Controlled Water Heating Separate Meter	\$0.00	
January 1, 2013	367	Residential Rate Assistance	\$0.00	
January 1, 2013	368	Residential Rate Assistance Controlled Water Heating	\$0.00	
September 1, 2013	373	Residential Net Metering with Banking	\$0.00	
January 1, 2013	370	Residential Electric Resistance, Heat Pump, Controlled Water Heating	\$0.00	
January 1, 2013	372	Residential, Smart Grid Meter	\$400.00	
January 1, 2013	371	Renewable Energy & Conservation Charge	\$0.00	
January 1, 2013	349	Purchased Power Adjustment Clause	\$0.00	
January 1, 2013	351	NYPA Adjustment Clause	\$0.00	
January 1, 2013	350	ETS Purchase Power Adjustment	\$0.00	
January 1, 2013	338	Small General	\$0.00	
January 1, 2013	339	Small General Farm	\$0.00	
January 1, 2013	340	Small General Time of Use	\$0.00	
January 1, 2013	341	Small General Off Peak Controlled Water Heating	\$0.00	
January 1, 2013	346	General ETS Off Peak ETS	\$0.00	
January 1, 2013	342	Medium General	\$0.00	
January 1, 2013	343	Medium General Farm	\$0.00	
January 1, 2013	344	Medium General Time of Use	\$0.00	
January 1, 2013	345	General Service Net Metering	\$0.00	
January 1, 2013	347	Large General	\$0.00	
January 1, 2013	348	Large General Off Peak	\$0.00	

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-1  
RESIDENTIAL SERVICE**

Mass DPU No. 359  
Replaces Mass DPU No. 310

Effective: January 1, 2013

The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.05 per month
Meter Charge (Three Phase)	\$24.15 per month
Energy Rate;	
First 1,400 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678 per kWh
All in excess of 2,200 kWhs	\$0.17029 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-1 FARM  
RESIDENTIAL SERVICE - FARM**

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Mass DPU No. 360  
Replaces Mass DPU No. 311

Effective: January 1, 2013

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The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**").

**Applicability**

The Massachusetts Department of Food and Agriculture must certify the Customer as being eligible for the Farm Energy Discount Program. Once certified, this rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 7.25 per month
Meter Charge (Three Phase)	\$21.75 per month

**Energy Rate:**

First 1,400 kWhs	\$0.12894 per kWh
Next 800 kWhs	\$0.14110 per kWh
All in excess of 2,200 kWhs	\$0.15326 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-1 TOUR  
RESIDENTIAL TIME OF USE RATE**

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Mass DPU No. 362  
Replaces Mass DTE No. 312

Effective: January 1, 2013

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The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**")

**Applicability**

This rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.05 per month
Meter Charge (Three Phase)	\$24.15 per month

**Energy Rate:**

On-peak	
First 620 kWhs	\$0.28861 per kWh
Next 350 kWhs	\$0.32238
All in excess of 970 kWhs	\$0.35615
Off-peak	\$0.06000 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Billing Periods**

Eight off-peak hours per day normally from 10 PM to 6 AM, Monday-Friday and all weekend hours. All the remaining hours are on-peak

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule must be taken for a minimum of one (1) year. After one year, the customer may terminate service at any time by giving the CMLP written notice., subject to the provisions of the Rules and Regulations for Electric Service.



**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-1 EV TOUR  
RESIDENTIAL TIME OF USE RATE**

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Mass DPU No. 361  
New Rate

Effective: January 1, 2013

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System). Service to electric vehicle chargers for domestic purposes under this rate schedule may be interrupted for up to 4 hours/day during on peak hours but no more than 10 days per calendar month.

**Applicability**

This rate schedule is applicable to electric service required by the Customer exclusively for charging electric vehicles for individual (single family) private residences and individually metered apartment units. This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Initial, One Time Meter Installation Charge (Single Phase) \$300.00

Energy Rate:

On-peak  
All kWhs \$0.14327 per kWh

Off-peak  
All kWhs \$0.055000 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Billing Periods**

Eight off-peak hours per day normally from 10 PM to 6 AM, Monday-Friday and all weekend hours. All the remaining hours are on-peak

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule must be taken for a minimum of one (1) year. After one year, the customer may terminate service at any time by giving the CMLP written notice subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-2  
RESIDENTIAL SERVICE WITH CONTROLLED WATER HEATING**

Mass DPU No. 363

Effective: January 1, 2013

Replaces Mass DPU No. 313

The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential service with controlled domestic electric water heating on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). Service to electric water heaters for domestic purposes under this rate schedule will be available for a minimum of 18 hours each day.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer, where the Customer uses electricity as the sole means of heating water for domestic purposes. The only supplemental means of heating water permitted under this rate is solar.

The electric water heating equipment installed must be approved and controlled by the CMLP and used exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.05 per month
Meter Charge (Three Phase)	\$24.15 per month

**Energy Rate:**

First 350 kWhs	\$0.14327 per kWh
Next 400 kWhs	\$0.05500 per kWh
Next 1,050 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678 per kWh
All In Excess of 2,600 kWhs	\$0.17029 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-2HP  
RESIDENTIAL SERVICE WITH CONTROLLED WATER HEATING**

Mass DPU No. 364

Effective: January 1, 2013

Replaces Mass DPU No. 336

The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for residential service with controlled domestic electric water heating on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**"). Service to **electric heat pump water heaters** for domestic purposes under this rate schedule will be available for a minimum of 18 hours each day.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer, where the Customer uses electricity as the sole means of heating water for domestic purposes. The only supplemental means of heating water permitted under this rate is solar.

The electric water heating equipment installed must be approved and controlled by the CMLP and used exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.05 per month
Meter Charge (Three Phase)	\$24.15 per month

**Energy Rate:**

First 350 kWhs	\$0.14327 per kWh
Next 155 kWhs	\$0.05500 per kWh
Next 1,050 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678 per kWh
All In Excess of 2,355 kWhs	\$0.17029 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-3  
RESIDENTIAL SERVICE – OFF PEAK**

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Mass DPU No. 365

Effective: January 1, 2013

Replaces Mass DPU No. 335

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential off-peak service with Electric Thermal Storage and/or electric vehicle charging on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). Under this rate, service is available for off peak Electric Thermal Storage (ETS) and/or electric vehicle charging systems with the following provisions. Service will only be made available during the hours defined below and will be at the off peak rate. Service may be available at other times, at CMLP's sole option, depending on system loads. Loads served under this rate may not be served under other CMLP rates, must be controlled by the CMLP, be acceptable to the CMLP and make a positive contribution towards improving the CMLP system load factor.

**Applicability**

This rate schedule is applicable to all off-peak electric service required by the Customer and offered by the CMLP. The electrical connection of any equipment or appliance(s) installed so as to use energy under this rate must be inspected and approved by the CMLP. The electrical supply to the equipment or appliance(s) must be controlled by the CMLP.

This rate schedule is only available for residential service.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Service under this rate must be separately metered.

**Monthly Rate**

ETS Energy Rate	\$0.06000 per kWh
EV Energy Rate	\$0.05500 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which are assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Billing Periods**

**ETS Systems**

Eight off-peak hours per day normally from 10PM to 6AM, Monday-Friday and all weekend hours with up to three additional hours during week days depending on the outside temperature, from October 1<sup>st</sup> through May 31<sup>st</sup>. All the remaining hours are on peak and only ETS and EV services are available under this rate.

**Electric Vehicle Charging Systems**

Eight off-peak hours per day normally from 10 PM to 6 AM, Monday-Friday and all weekend hours. All the remaining hours are on-peak and only ETS and EV services are available under this rate.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule must be taken for a minimum of one (1) year. After one year, the customer may terminate service at any time by giving the CMLP written notice, subject to the provisions of the Rules and Regulations for Electric Service.

During whatever period of time off peak service is taken, the Customer's on peak meter will remain on whichever rate it was on prior to the initiation of off peak service.



**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE RS DHW  
RESIDENTIAL SERVICE CONTROLLED WATER HEATING**

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Mass DPU No. 366

Effective: January 1, 2013

Replaces Mass DPU No. 316

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential controlled water heating service on the basis of this Rate Schedule. The Purchased Power Cost Adjustment Clause and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). Service under this rate schedule will be available for a minimum of 18 hours each day.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for separately metered water heating devices where such devices can be controlled or limited by the CMLP during certain hours of the day, at CMLP's sole discretion, in an effort to limit the power requirements imposed on the CMLP System during peak load periods.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service. Standby or resale service is not permitted under this rate schedule.

**Monthly Rate**

Energy Rate (All Metered kWh):           \$0.05500 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Underground Utilities Charge**

The total bill as calculated under the terms of this rate schedule will be adjusted in accordance with the Underground Utilities Charge schedule.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any

Rate RS DHW

agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-4  
RESIDENTIAL SERVICE-ASSISTANCE RATE**

Mass DPU No. 367

Effective: January 1, 2013

Replaces Mass DPU No.317

The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units where the Customer qualifies based on economic need. Application forms are available at CMLP.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$3.00 per month
Meter Charge (Three Phase)	\$9.00 per month

**Energy Rate:**

First 500 kWhs	\$0.06466 per kWh
Next 900 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678 per kWh
All in excess of 2,200 kWhs	\$0.17029 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service. In addition, the Customer must reconfirm eligibility each year.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-5**

**RESIDENTIAL SERVICE-ASSISTANCE WITH CONTROLLED WATER HEATING**

Mass DPU No. 368

Effective: January 1, 2013

Replaces Rate Mass DPU No. 318

The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for residential service with controlled domestic electric water heating on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**"). Service to electric water heaters for domestic purposes under this rate schedule will be available for a minimum of 18 hours each day.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units where the Customer qualifies based on economic need and uses electricity as the sole means of heating water for domestic purposes. The only supplemental means of heating water permitted under this rate is solar.

The electric water heating equipment installed must be approved and controlled by the CMLP.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$3.00 per month
Meter Charge (Three Phase)	\$9.00 per month
<b>Energy Rate:</b>	
First 350 kWhs	\$0.064666 per kWh
Next 400 kWhs	\$0.05500 per kWh
Next 150 kWhs	\$0.064666 per kWh
Next 900 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678per kWh
All In Excess of 2,600 kWh	\$0.17029 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service. In addition, the Customer must reconfirm eligibility each year.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-6  
RESIDENTIAL SERVICE – NET METERING W/BANKINGRATE**

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Mass DPU No. 373

Effective: September 1, 2013

Replaces Mass DPU No 369

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The Concord Municipal Light Plant (the "CMLP") shall pay for energy delivered to the CMLP system from eligible, small scale generating sources including: solar, wind, and micro-turbine units which simultaneously generate electricity and recover heat.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all small-scale generation facilities with a net output of less than forty (40) kilowatts of alternating current capacity as determined by CMLP.

This rate schedule is only available for residential service.

**Character of Service**

Service under this rate schedule shall be alternating current (AC), 60 Hertz, single phase. Service under this rate will require a meter that measures interval energy flow to and from the customer and CMLP.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.05 per month
Meter Charge (Three Phase)	\$24.15 per month
Energy Rate:	
First 1,400 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678 per kWh
All in excess of 2,200 kWhs	\$0.17029 per kWh

The above rate per kWh will be adjusted only for net purchases from CMLP plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause, the Conservation and Renewable Energy Services Clause, the Underground Utilities Charge Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

Energy generated by the Customer under this rate will be netted against the energy normally purchased under Rate R-1 and Rate R-2 from CMLP during the monthly billing period to the extent the generated energy does not exceed Customer purchases from CMLP. To the extent the generated energy exceeds the above purchases from CMLP during the billing period; CMLP will credit the Customer as follows: The credit for excess energy shall be determined by the avoided average monthly Day Ahead locational marginal price (DA-LMP) per kilowatt-hour applicable to Concord for wholesale power purchased from the ISO – New England. The Day Ahead price may vary with the source of customer generation at the discretion of CMLP. For example, the Day Ahead price for solar generation will be determined by calculating the average hourly DA price for the calendar month prior to the billing date based on the daytime hours between 9am and 4pm.

**Distribution Charge**

Installed Generation Capacity equal or greater than 2kW but less than 4 kW AC	\$3.60 per month
Installed Generation Capacity equal or greater than 4kW but less than 7 kW AC	\$6.60 per month
Installed Generation Capacity equal or greater than 7kW but less than 10 kW AC	\$10.20 per month
Installed Generation Capacity equal or greater than 10kW but less than 13 kW AC	\$13.80 per month
Installed Generation Capacity equal or greater than 13kW but less than 16 kW AC	\$17.40 per month
Installed Generation Capacity equal or greater than 16kW but less than 19 kW AC	\$21.00 per month
Installed Generation Capacity equal or greater than 19kW but less than 22 kW AC	\$24.60 per month
Installed Generation Capacity equal or greater than 22kW but less than 25 kW AC	\$28.20 per month
Installed Generation Capacity equal or greater than 25kW but less than 28 kW AC	\$31.80 per month
Installed Generation Capacity equal or greater than 28kW but less than 31 kW AC	\$35.40 per month
Installed Generation Capacity equal or greater than 31kW but less than 34 kW AC	\$39.00 per month
Installed Generation Capacity equal or greater than 34kW but less than 37 kW	\$42.60 per month



Rate Net Metering W/Banking

AC	
Installed Generation Capacity equal or greater than 37kW but less than 40 kW AC	\$46.20 per month

**Terms**

The credit for excess generation will be applied to the customer's bill each month.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge, the Distribution Charge and all applicable rate adjustments.

**Effective Date**

This rate schedule is effective for all generation on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-7**

**RESIDENTIAL SERVICE – ELECTRIC RESISTANCE & HEAT PUMP HEATING SYSTEMS/DHW**

Mass DPU No. 370

Effective: January 1, 2013

Replaces Mass DPU No. 320

The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

The electric resistance and heat pump space heating equipment and uncontrolled domestic water heating equipment installed must be approved by the CMLP and used exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule.

A separate meter will be installed by the CMLP which will be in series with the normal billing meter and record the usage of the electric resistance and/or heat pump space heating system. Use recorded on this meter from October 1st through May 1st will be subtracted from the normal billing meter and billed at the rate indicated below. From May 1st through October 1st, the use through this meter will not be used for billing purposes such that all usage will be recorded by the normal meter and billed under the Rate R-1 or appropriate tariff. If the second meter is not in series with the normal meter, the use on the second meter during the summer period above will be added to the normal meter and the rate calculation will be based on the total.

**Monthly Rate**

Energy Rate;

All kWhs

\$0.14327 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE R-1 SGM  
RESIDENTIAL SERVICE**

Mass DPU No. 372  
New Rate

Effective: January 1, 2013

The Concord Municipal Light Plant (the "CMLP") shall charge and collect for residential service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the NYPA Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer exclusively for domestic purposes for individual (single family) private residences and individually metered apartment units.

This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, apartment houses including the common facility requirements, or the common facility requirements of residences also used for business purposes, evidenced by any form of advertising including a separate white page telephone listing, which will be served under the appropriate general service rate schedule.

A Customer electing electrical service with a Smart Grid Meter (SGM), as opposed to a standard meter, other than service rendered under CMLP Electric Thermal Storage Rates or Controlled Domestic Water Heating Rates, will incur an additional charge under the Meter Charge to cover the additional cost of the Smart Grid Meter.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 9.05 per month
Meter Charge (Three Phase)	\$27.15 per month
Energy Rate;	
First 1,400 kWhs	\$0.14327 per kWh
Next 800 kWhs	\$0.15678 per kWh
All in excess of 2,200 kWhs	\$0.17029 per kWh

The above rate per kWh will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause and the NYPA Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE CARES  
CONSERVATION AND RENEWABLE ENERGY SERVICES**

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Mass DPU No. 371

Effective: January 1, 2013

Replaces Mass DPU No. 332

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**Applicability**

The Conservation And Renewable Energy Services Charge calculated pursuant to this rate schedule is applicable to all bills rendered by the Concord Municipal Light Plant (the "CMLP"), other than bills rendered for street lighting and private area lighting services. This charge covers the cost of Conservation And Renewable Energy Services Programs required by the Commonwealth of Massachusetts amounting to not less than one quarter of one percent of an electric utility's total annual revenues.

**Monthly Charge**

The Monthly Charge will be 0.52% of the total current charges on each bill excluding the UUC charge, finance charge and sales tax.

**Terms**

When bills are rendered bi-monthly pursuant to each applicable rate schedule, the monthly Energy Conservation Service Charge will be multiplied by two (2).

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**PURCHASED POWER ADJUSTMENT CLAUSE  
Rate Schedule PPA**

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Mass DPU No. 349  
Replaces Mass DPU No. 331

Effective: January 1, 2013

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The Purchased Power Adjustment Clause calculated pursuant to this rate schedule is applicable to all energy delivered by the Concord Municipal Light Plant (the "CMLP"), other than the energy supplied for municipal street lighting service, private area lighting service, Rate R-8 and off peak service. The prices for the above energy assume a base cost for power supply of \$0.10000 per kWh. Revenue adjustments are made through the PPA factor to reflect the difference between the actual cost of power supply and the base cost. The PPA factor is applied, as required, in order to equate actual power supply costs with revenues collected through the base rate while maintaining a reserve balance to cover short term power supply costs fluctuations.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**NYPA POWER COST ADJUSTMENT CLAUSE  
Rate Schedule - NYPA**

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Mass DPU No. 351

Effective: January 1, 2013

Replaces Mass DPU No. 334

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So long as the Power Authority of the State of New York ("**NYPA**") makes electric power and energy available to the Concord Municipal Light Plant ("**CMLP**"), the NYPA Power Cost Adjustment Clause factor (the "**NPCA**") shall be calculated pursuant to this rate schedule and will be applicable to the first seventy five (75) kilowatthours of energy per month sold by CMLP to residential customers.

The CMLP will calculate the savings resulting from the use of NYPA power and energy each month and pass the savings along to residential customers through the NPCA.



**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**ETS PURCHASED POWER ADJUSTMENT CLAUSE  
Rate Schedule ETS-PPA**

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Mass DPU No. 350  
New Rate

Effective: January 1, 2013

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The Electric Thermal Storage- Purchased Power Adjustment Clause calculated pursuant to this rate schedule is applicable to all energy delivered by the Concord Municipal Light Plant (the "CMLP") for controlled off peak space heating.. The price for the above energy assumes a base cost for power supply of \$0.05000 per kWh. Revenue adjustments are made through the ETS-PPA factor to reflect the difference between the actual cost of power supply and the base cost. The PPA factor is applied, as required, in order to equate actual power supply costs with revenues collected through the base rate while maintaining a reserve balance to cover short term power supply costs fluctuations.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-1  
SMALL GENERAL SERVICE**

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Mass DPU No. 338  
Replaces Mass DPU No. 297

Effective: January 1, 2013

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The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for small general service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose, other than residential service as defined in Rate R Schedules, where the Customer's maximum metered demand is less than 20.0 k W. If the Customer's monthly metered energy exceeds 4,000 kilowatt-hours for four consecutive months, the CMLP may install demand metering equipment. If the maximum metered demand is 20.0 kW or greater for any two months during any twelve month period, the CMLP will transfer the Customer to the then applicable general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at the CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.65 per month
Meter Charge (Three Phase)	\$25.95 per month
Energy Rate	\$0.16371 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-1 FARM  
SMALL GENERAL SERVICE - FARM**

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Mass DPU No. 339

Effective: January 1, 2013

Replaces Mass DPU No. 298

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for small general service to farms on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

The Massachusetts Department of Food and Agriculture must certify the Customer as being eligible for the Farm Energy Discount Program. Once certified, this rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose on the farm including residential, but not other residential service, where the Customer's maximum metered demand is less than 20.0 kW. If the Customer's monthly metered energy exceeds 4,000 kWh for four consecutive months, the CMLP may install demand metering equipment. If the maximum metered demand is 20.0 kW or greater for any two months during any twelve month period, the CMLP will transfer the Customer to the then applicable general service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 7.80 per month
Meter Charge (Three Phase)	\$23.40 per month
Energy Rate	\$0.14734 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-1 TOUR  
SMALL GENERAL SERVICE TIME OF USE RATE**

Mass DPU No. 340

Effective: January 1, 2013

Replaces Mass DPU No. 299

The Concord Municipal Light Plant (the "CMLP") shall charge and collect for small general service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). All energy consumed during the off-peak period will be at the off-peak rate. All energy consumed during the remaining periods will be at the on-peak rate. Loads served under this off-peak provision, as defined below, must be acceptable to the CMLP and make a positive contribution towards improving the CMLP system load factor.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose other than residential service as defined in Rate R Schedules, where the Customer's maximum metered demand is less than 20 kW. If the Customer's monthly metered on-peak energy exceeds 4,000 kWh for four consecutive months, the CMLP may install demand metering equipment. If the maximum metered on-peak demand is 20 kW or greater for any two months during any twelve month period, the CMLP will transfer the Customer to the then applicable general service rate schedule. The electrical connection of any equipment or appliance(s) installed so as to use off-peak energy under this tariff must be inspected and approved by the CMLP.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at the CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$ 8.65 per month
Meter Charge (Three Phase)	\$25.95 per month
On-Peak Energy Rate	\$0.35141 per kWh
Off-Peak Energy Rate	\$0.05500 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Billing Periods**

Eight off-Peak hours per day normally from 10PM to 6AM, Monday-Friday and all weekend hours. All the remaining hours are on-peak.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE GS DHW  
GENERAL SERVICE - OFF PEAK WATER HEATING**

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Mass DPU No. 341

Effective: January 1, 2013

Replaces Mass DPU No. 300

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for non-residential controlled water heating service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). Service under this rate schedule will be available for a minimum of 18 hours each day.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for separately metered water heating devices where such devices can be controlled or limited by the CMLP during certain hours of the day, at CMLP's sole discretion, in an effort to limit the power requirements imposed on the CMLP System during peak load periods.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service. Standby or resale service is not permitted under this rate schedule.

**Monthly Rate**

Energy Rate	\$0.05500 per kWh
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The above rate per kilowatt-hour will be adjusted plus or minus in accordance with the formulae specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly the Meter Charge and the number of kilowatt-hours in each Energy Rate block will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.



**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE GS ETS  
GENERAL SERVICE – OFF PEAK ETS HEATING**

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Mass DPU No. 346

Effective: January 1, 2013

Replaces Mass DPU No. 301

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for non-residential off-peak service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). Under this rate, service is available for off peak Electric Thermal Storage (ETS) systems with the following provisions. Service will only be make available during the hours defined below and will be at the off peak rate. Service may be available at other times, at CMLP's sole option, depending on system loads. Loads served under this rate may not be served under other CMLP rates, must be controlled by the CMLP, be acceptable to the CMLP and make a positive contribution towards improving the CMLP system load factor.

**Applicability**

This rate schedule is applicable to all off-peak electric service required by the Customer for lighting, power and any other purpose. The electrical connection of any equipment or appliance(s) installed so as to use energy under this rate must be inspected and approved by the CMLP. The electrical supply to the equipment or appliance(s) must be controlled by the CMLP.

This rate schedule is only available for non-residential service.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Service under this rate must be separately metered.

**Monthly Rate**

Energy Rate	\$0.06000 per kWh
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The above rate per kWh will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which are assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Billing Periods**

Eight off-peak hours per day normally from 10PM to 6AM, Monday-Friday and all weekend hours, with up to three additional hours during weekdays depending on the outside temperature, from October 1<sup>st</sup> through May 31<sup>st</sup>. All the remaining hours are on-peak.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule must be taken for a minimum of one (1) year. After one year, the customer may terminate service at any time by giving the CMLP written notice, subject to the provisions of the Rules and Regulations for Electric Service.

During whatever period of time off peak service is taken, the Customer's regular service meter will remain on whichever rate it was on prior to the initiation of off peak service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-2  
MEDIUM GENERAL SERVICE**

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Mass DPU No. 342

Effective: January 1, 2013

Replaces Mass DPU No. 302

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for medium general service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose, other than residential service, where the Customer's maximum metered demand is equal to or greater than 20 kW for any two months during any twelve month period.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$20.00 per month
Meter Charge (Three Phase)	\$60.00 per month
Demand Rate	\$13.85 per billing kW
Energy Rate	\$0.10689 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge the monthly demand charge for the minimum demand and all applicable rate adjustments.

**Determination of Billing Demand**

The monthly Billing Demand shall be the greater of:

- a) the highest metered kilowatt demand established during any 15 minute interval during the month;
- b) 95% of the greatest metered or calculated kVA during the month; or
- c) 20 kW.

**Power Factor Adjustment**

The monthly metered kilowatt demand may be adjusted to an equivalent 95.0% lagging power factor for the purpose of establishing the monthly Billing Demand when the power factor measured at the point of delivery to the Customer is determined to be less than 95.0%. Such adjustment may be deferred for six (6) months at a new point of delivery to allow for corrective action by the Customer.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the monthly demand charge will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service. Any Customer, whose service has been changed from Small General Service to this rate schedule at the Customer's request, will be required to remain on this rate schedule for a minimum period of 12 months.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-2 FARM  
MEDIUM GENERAL SERVICE - FARM**

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Mass DPU No. 343

Effective: January 1, 2013

Replaces Mass DPU No. 303

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for medium general service to farms on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Service Charges, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

The Massachusetts Department of Food and Agriculture must certify the Customer as being eligible for the Farm Energy Discount Program. Once certified, this rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose on the farm including residential, but not other residential service, where the Customer's maximum metered demand is equal to or greater than 20.0 kW for any two months during any twelve month period.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$18.00 per month
Meter Charge (Three Phase)	\$54.00 per month
Demand Rate	\$12.45 per billing kW
Energy Rate	\$0.09620 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge, the monthly demand charge for the minimum demand and all applicable rate adjustments.

**Determination of Billing Demand**

The monthly Billing Demand shall be the greater of:

- a) the highest metered kilowatt demand established during any 15 minute interval during the month;
- b) 95% of the greatest metered or calculated kVA during the month; or
- c) 20 kW.

**Power Factor Adjustment**

The monthly metered kilowatt demand may be adjusted to an equivalent 95.0% lagging power factor for the purpose of establishing the monthly Billing Demand when the power factor measured at the point of delivery to the Customer is determined to be less than 95.0%. Such adjustment may be deferred for six (6) months at a new point of delivery to allow for corrective action by the Customer.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge and the monthly demand charge will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service. Any Customer, whose service has been changed from Small General Service – Farm to this rate schedule at the Customer's request, will be required to remain on this rate schedule for a minimum period of 12 months.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-2 TOUR  
MEDIUM GENERAL SERVICE TIME OF USE RATE**

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Mass DPU No. 344

Effective: January 1, 2013

Replaces Mass DPU No. 304

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for medium general service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System"). All energy consumed during the off-peak period, as defined below, will be at the off-peak rate. All energy consumed during the remaining periods will be at the on-peak rate. Loads served under this off-peak provision must be acceptable to the CMLP and make a positive contribution towards improving the CMLP system load factor.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose including Off-Peak loads directly controlled by the CMLP, other than residential service as defined in Rate R Schedules, where the Customer's maximum metered On-Peak demand is equal to or greater than 20.0 kW for any two months during any twelve month period. The electrical connection of any equipment or appliance(s) installed so as to use off-peak energy under this rate must be inspected and approved by the CMLP.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule. Customers receiving three phase service will be assessed three times the single phase Meter Charge.

**Monthly Rate**

Meter Charge (Single Phase)	\$20.00 per month
Meter Charge (Three Phase)	\$60.00 per month
Demand Rate	\$13.85 per billing kW
Energy Rate (on-peak)	\$0.19920 per kWh
Energy Rate (off-peak)	\$0.05500 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which is assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge, the monthly demand charge for the minimum demand and all applicable rate adjustments.



**Determination of Billing Demand**

The monthly Billing Demand shall be the greater of:

- (a) the highest metered, on-peak kilowatt demand established during any 15 minute interval ,or 30% of the highest metered, off-peak kilowatt demand established during any 15 minute interval.
- (b) 95% of the greatest metered or calculated kVA during the on-peak periods of the month; or
- (c) 20 kW.

**Billing Periods**

Off-peak hours are 10PM to 6AM, Monday-Friday and all weekend hours. All the remaining hours are on-peak.

**Power Factor Adjustment**

The monthly metered kilowatt demand may be adjusted to an equivalent 95.0% lagging power factor for the purpose of establishing the monthly Billing Demand when the power factor measured at the point of delivery to the Customer is determined to be less than 95.0%. Such adjustment may be deferred for six (6) months at a new point of delivery to allow for corrective action by the Customer.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. When bills are rendered bi-monthly, the Meter Charge, and the monthly demand charge will be multiplied by two (2).

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service. Any Customer whose service has been changed from Small General Service to this rate schedule at the Customer's request, will be required to remain on this rate schedule for a minimum period of 12 months.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-2  
GENERAL SERVICE – NET METERING RATE**

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Mass DPU No.345

Effective: January 1, 2013

Replaces Mass DPU No. 321

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The Concord Municipal Light Plant (the "CMLP") shall pay for energy delivered to the CMLP system from eligible renewable generating sources including: solar, wind, and micro-turbine units which simultaneously generate electricity and recover heat.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all small-scale generation facilities with a net output greater than 10kW.

This rate schedule is only available for commercial service.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase and include metering equipment capable of recording energy flows to and from the CMLP distribution system. In addition, the installation must be in compliance with CMLP's Interconnection Agreement.

**Monthly Rate**

The cost of power shall be defined as the avoided average monthly Day Ahead locational marginal price (DA-LMP) per kilowatt-hour applicable to Concord for wholesale power purchased from the ISO – New England. The Day Ahead price may vary with the source of customer generation at the discretion of CMLP. For example, the Day Ahead price for solar generation will be determined by calculating the average, hourly DA price for the calendar month prior to the billing date based on the applicable day time hours.

Meter Charge

Will be the charge under the applicable billing tariff

**Terms**

The calculated credit for generation will be rendered either monthly or bi-monthly, at the sole discretion of the CMLP. The credit will be applied to the customer's bill. If the total credit amount exceeds the amount due, then the credit balance will be applied to the following bill's amount due. If there is a bill credit for two or more consecutive bill periods, the customer may request the credit to be paid in the form of a check.

**Effective Date**

This rate schedule is effective for all generation on or after the effective date shown above.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair,

or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-3  
LARGE GENERAL SERVICE**

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Mass DPU No. 347  
Replaces Mass DPU No.305

Effective: January 1, 2013

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The Concord Municipal Light Plant (the "CMLP") shall charge and collect for large general service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "CMLP System").

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose, other than residential service, where the Customer's maximum metered on-peak kilowatt demand is equal to or greater than 200 kW at a single metered location. If the billing demand does not exceed 200 kW for a one-year period, the Customer may request assignment to the Medium General Service rate schedule.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule.

**Monthly Rate**

Meter Charge (1 or 3 Phase)	\$91.50 per month
Demand Rate	\$13.85 per billing kW
Energy Rate	\$0.08978 per kWh

The above energy rate will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which are assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge, the monthly demand charge for the minimum demand and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered monthly.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Determination of Billing Demand:**

The monthly Billing Demand shall be the greater of:

- a) the highest metered kilowatt demand established during any 15 minute interval during the month;
- b) 95% of the greatest metered or calculated kVA during the month; or
- c) 200 kW

When welding equipment is installed, the excess demand placed on the CMLP system to supply this welding load may be added to the Customer's measured demand.

**Power Factor Adjustment**

The monthly metered kilowatt demand will be adjusted to an equivalent 95.0% lagging power factor for the purpose of establishing the monthly Billing demand when the power factor measured at the point of delivery to the Customer is determined to be less than 95.0%. Such adjustment may be deferred for six (6) months at a new point of delivery to allow for corrective action by the Customer.

**Primary Service Adjustment**

Where service is metered at primary voltage, a discount of two (2) percent of the demand and energy charges (after discount for equipment ownership and exclusive of the purchased power adjustment charge) will be allowed.

**Transformer Ownership**

If the Customer furnishes, installs, owns and maintains at the Customer's expense, all protective devices, transformers and other equipment required for primary voltage service as specified by CMLP, the monthly demand charge will be reduced by \$0.12 per kilowatt of billing demand.

**Interruption of Service**

The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

**CONCORD MUNICIPAL LIGHT PLANT  
ELECTRIC RATE SCHEDULES**

**RATE G-3 OP  
LARGE GENERAL SERVICE W/ OFF PEAK RIDER**

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Mass DPU No. 348

Effective: January 1, 2013

Replaces Mass DPU No. 306

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The Concord Municipal Light Plant (the "**CMLP**") shall charge and collect for large general service on the basis of this rate schedule. The Purchased Power Cost Adjustment Clause, the Conservation And Renewable Energy Services Charge, the Underground Utilities Charge and the CMLP Rules and Regulations are incorporated by reference as a part of this rate schedule.

**Availability**

This rate schedule is available throughout the entire territory served by the CMLP Electric System (the "**CMLP System**"). All demands metered during the off-peak period, as defined below, will be at the off-peak rate. Loads served under this off-peak provision must be acceptable to the CMLP and make a positive contribution towards improving the CMLP system load factor.

**Applicability**

This rate schedule is applicable to all electric service required by the Customer for lighting, power and any other purpose, other than residential service, where the Customer's maximum metered on-peak kilowatt demand is equal to or greater than 200 kW at a single metered location. If the on-peak demand does not exceed 200 kW for a one-year period, the Customer may request assignment to the Medium General Service rate schedule. The electrical connection of any equipment or appliance(s) installed so as to use the off-peak provision under this rate must be inspected and approved by the CMLP.

**Character of Service**

Service under this rate schedule shall be alternating current, 60 Hertz, single or three phase, at CMLP's option of the standard voltages available from the CMLP System. The CMLP may, at its option, require three-phase service when individual motors rated at 5.0 horsepower or larger are connected to the CMLP System. Standby or resale service is not permitted under this rate schedule.

**Monthly Rate**

Meter Charge (1 or 3 Phase)	\$91.50 per month
Demand Rate	\$13.85 per billing kW
Energy Rate	\$0.08978 per kWh

The above energy rates will be adjusted plus or minus in accordance with the formula specified in the Purchased Power Cost Adjustment Clause. The amount computed at the Monthly Rate shall be subject to taxes, assessments or surcharges imposed by any governmental authority which are assessed on the basis of revenues from electric service or volumes of electricity purchased or sold by the CMLP.

**Minimum Charge**

The monthly minimum charge shall be the sum of the Meter Charge, the monthly demand charge for the minimum demand and all applicable rate adjustments.

**Terms**

The Monthly Rates are net and bills are due on presentation. Bills will be rendered monthly.

**Effective Date**

This rate schedule is effective for all consumption on or after the effective date shown above.

**Determination of Billing Demand:**

The monthly Billing Demand shall be the greater of:

- a) the highest metered, on-peak kilowatt demand established during any 15 minute interval; or 30% of the highest metered, off-peak kilowatt demand established during any 15 minute interval.
- b) 95% of the greatest metered or calculated kVA during the on-peak periods of the month; or
- c) 200 kW

When welding equipment is installed, the excess demand placed on the CMLP system to supply this welding load may be added to the Customer's measured demand.

**Billing Periods**

Off-peak hours under this rate are 10PM to 6AM every day.

**Power Factor Adjustment**

The monthly metered kilowatt demand will be adjusted to an equivalent 95.0% lagging power factor for the purpose of establishing the monthly Billing demand when the power factor measured at the point of delivery to the Customer is determined to be less than 95.0%. Such adjustment may be deferred for six (6) months at a new point of delivery to allow for corrective action by the Customer

**Primary Service Adjustment**

Where service is metered at primary voltage, a discount of two (2) percent of the demand and energy charges (after discount for equipment ownership and exclusive of the purchased power adjustment charge) will be allowed.

**Transformer Ownership**

If the Customer furnishes, installs, owns and maintains at the Customer's expense, all protective devices, transformers and other equipment required for primary voltage service as specified by CMLP, the monthly demand charge will be reduced by \$0.12 per kilowatt of billing demand.

**Interruption of Service**

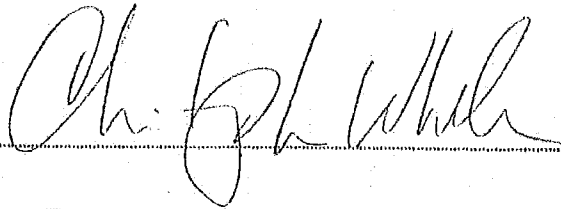
The CMLP will make reasonable provisions to assure satisfactory and continuous service, but does not guarantee a continuous supply of electric power and energy from the CMLP System facilities and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by acts of God, or the public enemy, or for any cause reasonably beyond the control of the CMLP, including, but not limited to, the failure or breakdown of facilities, floods, fire, strikes, or actions or orders of any agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in the equipment and facilities of the CMLP or the bulk power supplier(s) to the CMLP System.

The Customer shall notify the CMLP immediately of any defects, troubles or accident which may in any way affect the delivery of electric service by the CMLP from the CMLP System.

**Term of Contract**

Service under this rate schedule is subject to termination at any time upon the CMLP's receipt of written notice from the Customer, subject to the provisions of the Rules and Regulations for Electric Service.

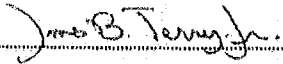
THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



Town Manager



Director



Members  
of the  
Municipal  
Light  
Board

