

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

**the Town of
NORWOOD**

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2013

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

Official title: Town Manager

Form AC-19

John J. Carroll
Office address: Municipal Building
Norwood, MA 02062

Goulet, Salvidio & Associates, P.C.

Certified Public Accountants

James F. Goulet, CPA, MST
Catherine A. Kuzmeskus, CPA

Michael A. Salvidio, CPA
James R. Dube, CPA

INDEPENDENT ACCOUNTANTS' COMPILATION REPORT

The Board of Commissioners
Norwood Municipal Light Department
Norwood, Massachusetts 02062

We have compiled the balance sheets of Norwood Municipal Light Department as of December 31, 2013 and 2012, and the related statements of income and unappropriated retained earnings for the year ended December 31, 2013 included in the accompanying prescribed form. We have not audited or reviewed the accompanying financial statements included in the accompanying prescribed form and, accordingly, do not express an opinion or provide any assurance about whether the financial statements are in accordance with the form prescribed by the Massachusetts Department of Public Utilities.

Management is responsible for the preparation and fair presentation of the financial statements included in the form prescribed by the Massachusetts Department of Public Utilities and for designing, implementing, and maintaining internal control relevant to the preparation and fair presentation of the financial statements.

Our responsibility is to conduct the compilation in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. The objective of a compilation is to assist management in presenting financial information in the form of financial statements without undertaking to obtain or provide any assurance that there are no material modifications that should be made to the financial statements.

The financial statements included in the accompanying prescribed form are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, and are not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America.

This report is intended solely for the information and use of the Massachusetts Department of Public Utilities and is not intended to be and should not be used by anyone other than these specified parties.

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts

April 8, 2014

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GENERAL INFORMATION**Page 3**

1. Name of town (or city) making report.	Norwood				
2. If the town (or city) has acquired a plant, Kind of plant, whether gas or electric. Owner from whom purchased, if so acquired. Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. Record of votes: First vote: Yes, 154; No, 19 Second vote: Yes, 146; No, 5 Date when town (or city) began to sell gas and electricity,	Electric				
3. Name and address of manager of municipal lighting:	John J. Carroll 80 Smith Road Milton, MA				
4. Name and address of mayor or selectmen:	Michael J. Lyons	Norwood			
	William J. Plasko	Norwood			
	Helen Abdallah Donohue	Norwood			
	Allan D. Howard	Norwood			
	Paul A. Bishop	Norwood			
5. Name and address of town (or city) treasurer:	Robert McGuire 121 John F. Mason Rd. North Attleboro, MA				
6. Name and address of town (or city) clerk:	Robert M. Thornton 12 Suffolk Drive Norwood, MA				
7. Names and addresses of members of municipal light board:	Michael J. Lyons	Norwood			
	William J. Plasko	Norwood			
	Helen Abdallah Donohue	Norwood			
	Allan D. Howard	Norwood			
	Paul A. Bishop	Norwood			
8. Total valuation of estates in town (or city) according to last State valuation (taxable)	\$	4,261,458,120			
9. Tax rate for all purposes during the year:	Residential	\$10.10			
	Commercial/Industrial/Personal Property	\$18.99			
10. Amount of manager's salary:	\$150,264				
11. Amount of manager's bond:	None				
12. Amount of salary paid to members of municipal light board (each):	None				

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

			Amount
	INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas		0
2	From sales of electricity		50,000,000
3		TOTAL	50,000,000
4			
5	EXPENSES		
6	For operation, maintenance and repairs		35,275,000
7	For interest on bonds, notes or scrip		
8	For depreciation fund (3.00% 74,134,311 as per page 8B)		2,224,029
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		TOTAL	37,499,029
14			
15	COST:		
16	Of gas to be used for municipal buildings		
17	Of gas to be used for street lights		
18	Of electricity to be used for municipal buildings		500,000
19	Of electricity to be used for street lights		330,810
20	Total of above items to be included in the tax levy		830,810
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy		830,810

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, Dec. 31	City or Town	Number of Customers' Meters, Dec. 30
		Norwood	15,368
TOTAL	0	TOTAL	15,368

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At	meeting	, to be paid from **	
*At	meeting	, to be paid from **	
			TOTAL _____ 0

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

1. Street lights	330,810
2. Municipal buildings	500,000
3.	
	TOTAL _____ 830,810

* Date of meeting and whether regular or special

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:

In gas property: Not applicable

Bonds
(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Apr-69	Apr-69	2,300,000					
	Jul-70	1,098,000					
May-00	Jan-01	12,560,000	630,000	January 15th	Variable	Jan 15th & July 15th	5,000,000
2007	Jan-08	53,000,000	2,785,000	January 15th	Variable	Jan 15th & July 15th	39,050,000
2008	8/15/2009	18,000,000	900,000	August 15th	Variable	Feb & Aug 15th	14,400,000
2007	8/15/2009	20,000,000	1,335,000	August 15th	Variable	Feb & Aug 15th	14,660,000
2009	10/15/2009	4,500,000	300,000	October 15th	Variable	April & October 15th	3,300,000
TOTAL		111,458,000				TOTAL	76,410,000

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

When bond and notes are repaid report the first three columns only

* Date of meeting and whether regular or special

** List original issues of bonds and notes including those that have been repaid

Town Notes

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
TOTAL		0				TOTAL	0

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

When bond and notes are repaid report the first three columns only

* Date of meeting and whether regular or special

** List original issues of bonds and notes including those that have been repaid

		TOTAL COST OF PLANT - ELECTRIC					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
14	Total Steam Production Plant	0	0	0	0	0	0
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	Total Nuclear Production Plant	0	0	0	0	0	0

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant						
21	350 Land and Land Rights	141,112					141,112
22	351 Clearing Land and Rights of Way	-					-
23	352 Structures and Improvements	6,229,771	96,860				6,326,631
24	353 Station Equipment	12,731,709	188,277				12,919,986
25	354 Towers and Fixtures	-					-
26	355 Poles and Fixtures	805,903	29,652				835,555
27	356 Overhead Conductors and Devices	140,848	170,149				310,997
28	357 Underground Conduit	2,048,372	21,251				2,069,623
29	358 Underground Conductors and Devices	2,342,318	-				2,342,318
30	359 Roads and Trails	0					0
31	Total Transmission Plant	24,440,033	506,189	0	0	0	24,946,222

TOTAL COST OF PLANT (Concluded)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	31,398					31,398
3	361 Structures and Improvements	3,238,539	31,751			-	3,270,290
4	362 Station Equipment	8,156,881	0			-	8,156,881
5	363 Storage Battery Equipment	-					-
6	364 Poles Towers and Fixtures	2,516,657	179,878	(4,800)			2,691,735
7	365 Overhead Conductors and Devices	5,505,780	57,808	(19,300)		-	5,544,288
8	366 Underground Conduit	11,377,192	768		-	-	11,377,960
9	367 Underground Conductors and Devices	4,470,585	44,959	(14,100)	-	-	4,501,444
10	368 Line Transformers	4,504,882	41,066				4,545,948
11	369 Services	1,193,518	2,932				1,196,450
12	370 Meters	2,807,499	2,153	(11,950)			2,797,702
13	371 Installations on Customer's Premises	-					-
14	372 Leased Prop on Customer's Premises	-					-
15	373 Streetlight and Signal Systems	450,044	20,777	(5,925)			464,896
16	Total Distribution Plant	44,252,975	382,092	(56,075)	0	0	44,578,992
17	5. GENERAL PLANT						
18	389 Land and Land Rights	-					-
19	390 Structures and Improvements	154,709	-				154,709
20	391 Office Furniture and Equipment	590,755	-				590,755
21	392 Transportation Equipment	2,359,794	143,371				2,503,165
22	393 Stores Equipment	-					-
23	394 Tools, Shop and Garage Equipment	59,263	128				59,391
24	395 Laboratory Equipment	46,395					46,395
25	396 Power Operated Equipment	-					-
26	397 Communication Equipment	1,405,090	503				1,405,593
27	398 Miscellaneous Equipment	21,599	-				21,599
28	399 Other Tangible Property	-	-				-
29	Total General Plant	4,637,605	144,002	0	0	0	4,781,607
30	Total Electric Plant in Service	73,330,613	1,032,283	(56,075)	0	0	74,306,821
31					Total Cost of Electric Plant.....		74,306,821
33					Less Cost of Land, Land Rights, Rights of Way.....		172,510
34					Total Cost upon which Depreciation is based		74,134,311

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 value, should be taken as a basis for figuring depreciation.

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COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	34,256,447	33,115,938	(1,140,509)
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	34,256,447	33,115,938	(1,140,509)
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	5,155,728	6,368,387	1,212,659
14	128	Other Special Funds	16,185,320	16,279,244	93,924
15		Total Funds	21,341,048	22,647,631	1,306,583
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	0	0	0
18	132	Special Deposits	561,480	561,734	254
19	135	Working Funds	0	0	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	3,510,557	3,161,237	(349,320)
22	143	Other Accounts Receivable	0	0	0
23	145	Receivables from Municipality	181,283	181,283	0
24	146	Receivables from Broadband	28,002	28,002	0
25					
26	165	Prepayments	37,476	39,235	1,759
27	173	Accrued Utility Revenues	565,802	1,352,197	786,395
28		Total Current and Accrued Assets	4,884,600	5,323,688	439,088
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits			0
33		Total Deferred Debits	0	0	0
34					
35		Total Assets and Other Debits	60,482,095	61,087,257	605,162

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	0	0	0
3		SURPLUS			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	30,961,808	37,166,808	6,205,000
6	207	Appropriations for Construction Repayments	2,849,896	2,849,896	0
7	208	Unappropriated Earned Surplus (P. 12)	(70,658,874)	(70,443,111)	215,763
8		Total Surplus	(36,847,170)	(30,426,407)	6,420,763
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	82,615,000	76,410,000	(6,205,000)
11	231	Notes Payable (P. 7)		0	0
12		Total Bonds and Notes	82,615,000	76,410,000	(6,205,000)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	1,973,106	2,433,323	460,217
15	234	Payables to Municipality	181,260	279,852	98,592
16	235	Customers' Deposits	561,480	561,734	254
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	1,576,536	1,489,261	(87,275)
19	242	Miscellaneous Current and Accrued Liabilities	107,532	99,622	(7,910)
20		Total Current and Accrued Liabilities	4,399,914	4,863,792	463,878
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	859,545	661,255	(198,290)
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	0	0	0
25		Total Deferred Credits	859,545	661,255	(198,290)
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	484,685	484,685	0
28	261	Property Insurance Reserve	0	0	0
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	0	0	0
31	265	Miscellaneous Operating Reserves	8,763,814	8,887,625	123,811
32		Total Reserves	9,248,499	9,372,310	123,811
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	206,307	206,307	0
35		Total Liabilities and Other Credits	60,482,095	61,087,257	605,162

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	50,105,800	(1,159,854)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	33,473,457	2,136,077
5	402 Maintenance Expense	790,420	(237,854)
6	403 Depreciation Expense	2,194,743	21,269
7	407 Amortization of Property Losses		0
8			
9	408 Taxes (P. 49)		0
10	Total Operating Expenses	36,458,620	1,919,492
11	Operating Income	13,647,180	(3,079,346)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	13,647,180	(3,079,346)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	116,159	(61,515)
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	116,159	(61,515)
20	Total Income	13,763,339	(3,140,861)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	0	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	13,763,339	(3,140,861)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	3,153,817	(224,757)
28	428 Amortization of Debt Discount and Expense		0
29	429 Amortization of Premium on Debt - Credit		0
30	431 Other Interest Expense		0
31	432 Interest: Charged to Construction - Credit		0
32	Total Interest Charges	3,153,817	(224,757)
33	NET INCOME	10,609,522	(2,916,104)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	70,658,874	
35			
36			
37	433 Balance Transferred from Income		10,609,522
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	4,188,759	
40	436 Appropriations of Surplus (P. 21)	6,205,000	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)		70,443,111
43			
44	TOTALS	81,052,633	81,052,633

CASH BALANCES AT END OF YEAR		
Line No.	Items (a)	Amount (b)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
	TOTAL	0
MATERIALS AND SUPPLIES (Accounts 151-159, 163)		
Summary per Balance Sheet		
Line No.	Account (a)	Amount End of Year
		Electric (b) Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)	
14	Fuel Stock Expenses (Account 152)	
15	Residuals (Account 153)	
16	Plant Materials and Operating Supplies (Account 154 (151))	
17	Merchandise (Account 155)	
18	Other Materials and Supplies (Account 156)	
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)	
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)	
21	Nuclear Byproduct Materials (Account 159)	
22	Stores Expense (Account 163)	
23	Total Per Balance Sheet	0 0
DEPRECIATION FUND ACCOUNT (Account 126)		
Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	5,155,728
26	Income during year from balance on deposit (interest)	
27	Amount transferred from income	2,101,770
28	Miscellaneous Debits	
29		TOTAL 7,257,498
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	889,111
32	Amounts expended for renewals,viz:-	
33	Miscellaneous Credits	
34		
35		
36		
37		
38		
39	Balance on hand at end of year	6,368,387
40		TOTAL 7,257,498

UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c).				effect of such amounts.	
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative				4. Reclassifications or transfers within utility plant accounts should be shown in column (f).	
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		-	-	-	-	-	-
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	-	-	-	-	-	-
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	-	-	-	-	-	-

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	-	-	-	-	-	-
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	-	-	-	-	-	-
19	Total Production Plant	-	-	-	-	-	-
20	3. Transmission Plant						
21	350 Land and Land Rights	141,112	-			-	141,112
22	351 Clearing Land and Rights of Way	-	-			-	
23	352 Structures and Improvements	5,028,621	96,860	186,893		-	4,938,588
24	353 Station Equipment	10,371,608	188,277	381,951		-	10,177,934
25	354 Towers and Fixtures	-	-	-		-	-
26	355 Poles and Fixtures		29,652	24,177		-	5,475
27	356 Overhead Conductors and Devices	81,567	170,149	4,225		-	247,491
28	357 Underground Conduit	1,424,297	21,251	61,451		-	1,384,097
29	358 Underground Conductors and Devices	1,620,881	-	70,270		-	1,550,611
30	359 Roads and Trails	-	-	-		-	-
31	Total Transmission Plant	18,668,086	506,189	728,967	-	-	18,445,308

UTILITY PLANT -- ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	31,398	-				31,398
3	361 Structures and Improvements	160,244	31,751	97,156		-	94,839
4	362 Station Equipment	3,344,600	-	244,706		-	3,099,894
5	363 Storage Battery Equipment	-	-	-		-	-
6	364 Poles Towers and Fixtures	14,364	179,878	75,500		-	118,742
7	365 Overhead Conductors and Devices	28,002	57,808	165,173		-	(79,363)
8	366 Underground Conduit	3,349,112	768	341,316		-	3,008,564
9	367 Underground Conductors and Devices	4,129,609	44,959	134,118		-	4,040,450
10	368 Line Transformers	524,028	41,066	135,146		-	429,948
11	369 Services	56,213	2,932	35,806		-	23,339
12	370 Meters	387,200	2,153	84,225		-	305,128
13	371 Installations on Customer's Premises	830	-	-		-	830
14	372 Leased Prop on Customer's Premises	-	-	-		-	-
15	373 Streetlight and Signal Systems	347,076	20,777	13,501		-	354,352
16	Total Distribution Plant	12,372,676	382,092	1,326,647	-	-	11,428,121
17	5. GENERAL PLANT						
18	389 Land and Land Rights	-	-				-
19	390 Structures and Improvements	20,258	-	4,641			15,617
20	391 Office Furniture and Equipment	57,523	-	17,723			39,800
21	392 Transportation Equipment	2,234,268	143,371	70,794			2,306,845
22	393 Stores Equipment	-	-	-			-
23	394 Tools, Shop and Garage Equipment	43,075	128	1,778			41,425
24	395 Laboratory Equipment	15,894	-	1,392			14,502
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	831,300	503	42,153			789,650
27	398 Miscellaneous Equipment	13,367	-	648			12,719
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	3,215,685	144,002	139,129	-	-	3,220,558
30	Total Electric Plant in Service	34,256,447	1,032,283	2,194,743	-	-	33,093,987
31	104 Utility Plant Leased to Others	-					-
32	105 Property Held for Future Use	-					-
33	107 Construction Work in Progress	-	21,951				21,951
34	Total Utility Plant Electric	34,256,447	1,054,234	2,194,743	-	-	33,115,938

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

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

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year					
2	Received During Year					
3	TOTAL	0				
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0				
13	BALANCE END OF YEAR	0				
			Kinds of Fuel and Oil - continued			
Line No.	Item (g)		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6		
	TOTAL	0
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14		
	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23		
	TOTAL	0
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Light department receipts benefiting the town and retained by the town, in excess of appropriations benefiting the light department.	3,088,759
25		
26		
27	Payment in Lieu of Taxes	1,100,000
28		
29		
30		
31		
32		
	TOTAL	4,188,759
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Bond Payment	6,205,000
35		
36		
37		
38		
39		
40		
	TOTAL	6,205,000

MUNICIPAL REVENUES (Account 482,444) (K.W.H. Sold under the provision of Chapter 269, Acts of 1927)						
Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)	
1						
2						
3						
4						
		TOTALS				
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)	
5	444-2	Municipal: (Other than Street Lighting)	4,796,640	593,828	0.1238	
6						
7						
8						
9						
10						
11						
12			4,796,640	593,828	0.1238	
13	444-1		3,035,356	328,273	0.1081	
14						
15						
16						
17						
18			3,035,356	328,273	0.1081	
19			TOTALS	7,831,996	922,101	
		TOTALS				
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 KWH (cents) (0.0000) (e)	
20	Constellation Spruce Mountain Rate Stabilization Rate Shock MMWEC - PASNY NextEra ISO Miller	115KV		3,000	2,503,931	
21				2,162,536	380,642	
22					898	
23					173,747	
24				9,926,174	321,194	
25				115KV	0.0324	
26				143,556,512	4,971,932	
27				163,751,995	0.0346	
28				10,597,293	19,287,407	
29				TOTALS	0.1178	
				329,997,510	618,345	
					0.0583	
					0.0856	
SALES FOR RESALE (Account 447)						
Line No.	Names of Utilities to Which Electric Energy is sold (a)		Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	
					Revenue per KWH (cents) (0.0000) (e)	
30						
31						
32						
33						
34						
35						
36						
37						
38						
39				TOTALS	0	
					0	

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.		ELECTRIC OPERATING REVENUES (Account 400)					
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.		meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.					
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate							
Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	12,291,752	(144,115)	89,161,426	(419,239)	13,151	(22)
3	442 Commercial and Industrial Sales	33,016,948	(900,453)	214,953,180	(4,576,245)	2,209	(15)
4	Small Commercial B Sales	0		0	0	0	0
5	Large Commercial C Sales	0		0	0	0	0
6	444 Municipal Sales	922,101	(38,967)	7,831,996	(60,940)	8	(1)
7	445 Other Sales to Public Authorities	0		0	0	0	0
8	446 Sales to Railroads and Railways	0		0	0	0	0
9	448 Interdepartmental Sales	0		0	0	0	0
10	449 Miscellaneous Sales	0		0	0	0	0
11	Total Sales to Ultimate Consumers	46,230,801	(1,083,535)	311,946,602	(5,056,424)	15,368	(38)
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	46,230,801	(1,083,535)	311,946,602	(5,056,424)	15,368	(38)
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	480,343	(48,844)				
16	451 Miscellaneous Service Revenues	0	0				
17	453 Sales of Water and Water Power	0	0				
18	454 Rent from Electric Property	0	0				
19	455 Interdepartmental Rents	0	0				
20	456 Other Electric Revenues - NSTAR	3,394,656	(27,475)				
21							
22							
23							
24							
25	Total Other Operating Revenues	3,874,999	(76,319)				
26	Total Electric Operating Revenue	50,105,800	(1,159,854)				

* Includes revenues from application of fuel clauses \$ 0.000

Total KWH to which applied 311,946,602

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, contract 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 KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	400.000	Residential	88,376,737	12,135,588	0.1373	13,285	13,151
2	442.000	Commercial	98,908,138	17,397,927	0.1759	1,952	1,968
3	442.000	Industrial	116,045,042	15,619,021	0.1346	49	50
4	442.000	Municipal Building	4,796,640	593,828	0.1238	8	8
5	442.000	Municipal Street Lighting	3,035,356	328,273	0.1081		
6	442.000	Security Light	784,689	156,164	0.1990	191	191
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			311,946,602	46,230,801	0.1482	15,485	15,368

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space proved 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		0
5	501 Fuel		0
6	502 Steam Expenses		0
7	503 Steam from other sources		0
8	504 Steam transferred -- Cr.		0
9	505 Electric expenses		0
10	506 Miscellaneous steam power expenses		0
11	507 Rents		0
12	Total Operation	-	0
13	Maintenance:		
14	510 Maintenance supervision and engineering		0
15	511 Maintenance of Structures		0
16	512 Maintenance of boiler plant		0
17	513 Maintenance of electric plant		0
18	514 Maintenance of miscellaneous steam plant		0
19	Total Maintenance	-	0
20	Total power production expenses -steam power	-	0
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering		0
24	518 Fuel		0
25	519 Coolants and water		0
26	520 Steam Expenses		0
27	521 Steam from other sources		0
28	522 Steam transferred -- Cr.		0
29	523 Electric expenses		0
30	524 Miscellaneous nuclear power expenses		0
31	525 Rents		0
32	Total Operation	-	0
33	Maintenance:		
34	528 Maintenance supervision and engineering		0
35	529 Maintenance of Structures		0
36	530 Maintenance of reactor plant		0
37	531 Maintenance of electric plant		0
38	532 Maintenance of miscellaneous nuclear plant		0
39	Total Maintenance	-	0
40	Total power production expenses -nuclear power	-	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering		0
44	536 Water for power		0
45	537 Hydraulic expenses		0
46	538 Electric expenses		0
47	539 Miscellaneous hydraulic power generation expenses		0
48	540 Rents		0
49	Total Operation	-	0

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		0
4	542 Maintenance of structures		0
5	543 Maintenance or reservoirs, dams and waterways		0
6	544 Maintenance of electric plant		0
7	545 Maintenance of miscellaneous hydraulic plant		0
8	Total maintenance	-	0
9	Total power production expenses - hydraulic power	-	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		0
13	547 Fuel		0
14	548 Generation Expenses		0
15	549 Miscellaneous other power generation expense		0
16	550 Rents		0
17	Total Operation	-	0
18	Maintenance:		
19	551 Maintenance supervision and engineering		0
20	552 Maintenance of Structures		0
21	553 Maintenance of generating and electric plant		0
22	554 Maintenance of miscellaneous other power generation plant		0
23	Total Maintenance	-	0
24	Total power production expenses - other power	-	0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	25,764,422	731,738
27	556 System control and load dispatching	-	0
28	557 Other expenses	130,417	(5,057)
29	Total other power supply expenses	25,894,839	726,681
30	Total power production expenses	25,894,839	726,681
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	229,915	35,946
34	561 Load dispatching	-	0
35	562 Station expenses	203,550	27,919
36	563 Overhead line expenses	-	0
37	564 Underground line expenses	-	0
38	565 Transmission of electricity by others	2,363,257	794,060
39	566 Miscellaneous transmission expenses	-	0
40	567 Rents	-	0
41	Total Operation	2,796,722	857,925
42	Maintenance:		
43	568 Maintenance supervision and engineering	-	0
44	569 Maintenance of structures	-	0
45	570 Maintenance of station equipment	-	0
46	571 Maintenance of overhead lines	79,902	(12,029)
47	572 Maintenance of underground lines	-	0
48	573 Maintenance of miscellaneous transmission plant	-	0
49	Total maintenance	79,902	(12,029)
50	Total transmission expenses	2,876,624	845,896

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation supervision and engineering	193,303	102,424
4	581 Load dispatching (Operation Labor)	-	0
5	582 Station expenses	137,510	(71,475)
6	583 Overhead line expenses	799,079	131,165
7	584 Underground line expenses	17,251	(4,443)
8	585 Street lighting and signal system expenses	3,571	(981)
9	586 Meter expenses	22,780	15,876
10	587 Customer installations expenses	1,054	(236)
11	588 Miscellaneous distribution expenses	101,236	26,156
12	589 Rents	18,379	17,749
13	Total operation	1,294,163	216,235
14	Maintenance:		
15	590 Maintenance supervision and engineering	185,272	(132,457)
16	591 Maintenance of structures	88,180	46,738
17	592 Maintenance of station equipment	6,099	(21,654)
18	593 Maintenance of overhead lines	174,168	(133,346)
19	594 Maintenance of underground lines	46,091	31,761
20	595 Maintenance of line transformers	145,275	109,084
21	596 Maintenance of street lighting and signal systems	12,066	(54,130)
22	597 Maintenance of meters	24,037	(69,882)
23	598 Maintenance of miscellaneous distribution plant	2,293	(4,704)
24	Total maintenance	683,481	(228,590)
25	Total distribution expenses	1,977,644	(12,355)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	-	0
29	902 Meter reading expenses	403,878	152,310
30	903 Customer records and collection expenses	986,057	160,983
31	904 Uncollectible accounts	50,855	14,682
32	905 Miscellaneous customer accounts expenses	-	0
33	Total customer accounts expenses	1,440,790	327,975
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	-	0
37	912 Demonstrating and selling expenses	185,924	111,395
38	913 Advertising expenses	3,262	(7,694)
39	916 Miscellaneous sales expenses	-	0
40	Total sales expenses	189,186	103,701
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	516,884	97,115
44	921 Office supplies and expenses	107,250	7,199
45	922 Administrative expenses transferred - Cr	-	0
46	923 Outside services employed	57,181	19,012
47	924 Property insurance	109,375	(13,750)
48	925 Injuries and damages	600,888	(298,723)
49	926 Employee pensions and benefits	407,931	65,517
50	928 Regulatory commission expenses	-	0
51	929 Store Expense	-	0
52	930 Miscellaneous general expenses	34,735	33,818
53	931 Rents	23,513	(6,627)
54	Total operation	1,857,757	(96,439)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continues			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont		
2	Maintenance:		
3	932 Maintenance of general plant	27,037	2,765
4	Total administrative and general expenses	1,884,794	(93,674)
5	Total Electric Operation and Maintenance Expenses	34,263,877	1,898,224

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	25,894,839		25,894,839
13	Total power production expenses	25,894,839		25,894,839
14	Transmission Expenses	2,796,722	79,902	2,876,624
15	Distribution Expenses	1,294,163	683,481	1,977,644
16	Customer Accounts Expenses	1,440,790		1,440,790
17	Sales Expenses	189,186		189,186
18	Administrative and General Expenses	1,857,757	27,037	1,884,794
19	Total Electric Operation and Maintenance Expenses	33,473,457	790,420	34,263,877

21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%))	72.76%
Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)		
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.	3,546,117
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)	34

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 Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing and contract work during the year					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts				0
3	allowances and returns				0
4	Contract work				0
5	Commissions				0
6	Other (list according to major classes)				0
7					
8					
9					
10	Total Revenues	0	0	0	0
11					
12					
13	Costs and Expenses				
14	Cost of sales (list according to major classes of cost)				
15					
16	Jobbing/Contract Costs				0
17	Materials				0
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expense				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	0	0	0
51	Net Profit (or loss)	0	0	0	0

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.
 2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G, and place and "x" in column (c) if sale involves export across a state line.
 3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).
 4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

SALES FOR RESALE (Account 447) - Continued								
Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
							1	
							2	
							3	
							4	
							5	
							6	
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							8	
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							34	
							35	
							36	
							37	
							38	
							39	
							40	
							41	
	TOTALS:	0	0.00	0.00		0.00		42

**PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)**

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.
 2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.
 3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

PURCHASED POWER (Account 555)
(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)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								36
								37
								38
								39
								40
								41
	TOTALS:	0	-	-	-	-		42

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.
2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Non-utilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).
3. Particulars of settlements for interchange power

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

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

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

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

ELECTRIC ENERGY ACCOUNT		
Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.		
Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	
8	Purchases	319,400,217
9		(In (gross)
10	Interchanges	< Out (gross)
11		(Net (Kwh)
12		(Received
13	Transmission for/by others (wheeling)	< Delivered
14		(Net (Kwh)
15	TOTAL	329,997,510
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	311,946,602
18	Sales for resale	0
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	
21	Electric department only	
22	Energy losses	
23	Transmission and conversion losses 	
24	Distribution losses 5.47%	18,050,908
25	Unaccounted for losses	
26	Total energy losses	18,050,908
27	Energy losses as percent of total on line 15 5.47%	
28		TOTAL 329,997,510

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.

as to the nature of the emergency.

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

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

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 not physically connected, the information called for below should be furnished for each system.

Town of NORWOOD

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	52,067	Wednesday	23	6:00 PM	60 min	29,994,207
30	February	49,563	Tuesday	5	6:00 PM	60 min	25,086,464
31	March	46,555	Tuesday	19	12:00 PM	60 min	23,578,407
32	April	43,946	Wednesday	3	11:00 AM	60 min	23,631,898
33	May	66,248	Friday	31	4:00PM	60 min	28,313,083
34	June	73,872	Monday	24	3:00 PM	60 min	29,752,681
35	July	77,068	Friday	19	3:00 PM	60 min	40,313,848
36	August	64,156	Wednesday	21	4:00 PM	60 min	28,624,597
37	September	69,746	Wednesday	11	4:00 PM	60 min	25,147,802
38	October	48,778	Wednesday	2	2:00 PM	60 min	22,512,727
39	November	46,557	Monday	25	6:00 PM	60 min	25,639,188
40	December	51,679	Tuesday	17	6:00 PM	60 min	27,402,608
41						TOTAL	329,997,510

GENERATING STATIONS			Pages 58 through 66		
GENERATING STATION STATISTICS (Large Stations) (Except Nuclear)			Pages 58-59		
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1					
2					
3					
4					
5					
6					
STEAM GENERATING STATIONS			Pages 60-61		
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1					
2					
3					
4					
5					
6					
HYDROELECTRIC GENERATING STATIONS			Pages 62-63		
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1					
2					
3					
4					
5					
6					
COMBUSTION ENGINE AND OTHER GENERATING STATIONS			Pages 64-65		
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1					
2					
3					
4					
5					
6					
GENERATING STATION STATISTICS (Small Stations)			Page 66		
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1					
2					
3					
4					
5					
6					

TRANSMISSION LINE STATISTICS								
Report information concerning transmission line as indicated below								
Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Sharon	Norwood	115KV	Wood H Frame	3.300	None	1	795 MCM ACSR
2					3.300		1	
3								
4	STA 495	STA 469	115KV	Underground	2.2 Miles		2	1000 MCM Solid Dielectric
5	Dean St	Ellis Ave			2-4 Way			Copper
6					Duct Banks			
7								
8								
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47								
TOTALS					0		4	

* where other than 60 cycle, 3 phase, so indicate

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, 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.

OVERHEAD DISTRIBUTION LINES OPERATED					
Line No.		Length (Pole Miles)			
		Wood Poles	Steel Towers	Total	
1	Miles -- Beginning of Year	138.26		138.26	
2	Added During Year	0.05		0.05	
3	Retired During Year			0.00	
4	Miles -- End of Year	138.31	0.00	138.31	
5	*				
6					
7					
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power				
9					
10					
11					
12					
13					
14					
15					
ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS					
Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	9,371	17,346	3,820	321,176.5
17	Additions during year				
18	Purchased		59	51	3,400.0
19	Installed	65	185	27	2,125.0
20	Associated with utility plant acquired				
21	Total Additions	65	244	78	5,525.0
22	Reductions during year:				
23	Retirements	58	194	49	3,350.0
24	Associated with utility plant sold				
25	Total Reductions	58	194	49	3,350.0
26	Number at end of year	9,378	17,396	3,849	323,351.5
27	In stock		392	133	24,503.5
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		17,004	3,716	298,848.0
31	In company's use				
32	Number at end of year		17,396	3,849	323,351.5

*

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 System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable
			Miles * (c)	Operating Voltage (d)	Feet * (e)
1		24.500	7.53 3/C	220 Volts	
2			9.12 1/C	220 Volts	
3			.05 2/C	220 Volts	
4			34.21 3/C	13,800 Volts	
5			4.22 1/C	13,800 Volts	
6					
7					
8					
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10					
11					
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33					
34					
49	TOTALS	24.50	54.86		

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Fluorescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Norwood	3,882			9				3873	
2										
3										
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51										
52	TOTALS	3882	0	0	9	0	0	0	3873	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 revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		See Attached Rates Effective Sept. 1, 2013		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

John J. Carroll

Manager of Electric Light

Michael J. Lyons

William J. Plasko

Helen Abdallah Donohue

Allan D. Howard

Paul A. Bishop

Selectmen
or
Members
of the
Municipal
Light
Board

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

20

Then personally appeared

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

Notary Public or
Justice of the Peace

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August 20, 2013

Director of Rates & Research
Department of Telecommunications & Energy
One South Station
Boston, MA 02110

Attention: Kevin Brannelly

Dear Mr. Brannelly,

The Board of Selectmen of the Town of Norwood, acting in their capacity as Electric Light Commissioners, have voted to revise the Electric Rates in the Town of Norwood. The rates are as follows:

Rate A-01 Residential	MDPU #230 Cancels MDPU #218
Rate H-08 Heating Rate Residential	MDPU #231 Cancels MDPU #219
Rate F-06 Water Heating	MDPU #232 Cancels MDPU #220
Rate B-02 General Purpose Commercial and Industrial	MDPU #233 Cancels MDPU #221
Rate P-16 Primary Service	MDPU #234 Cancels MDPU #222
Rate M-13 Heating Rate	MDPU #223 no change
Rate O-15 Outdoor Lighting Rate	MDPU #224 no change
Purchase Power Adjustment	MDPU #237 Cancels MDPU #127
Rate E-05 Low Income Rate	MDPU #235 Cancels MDPU #225
Rate U-21 General Purpose B -02 Schools	MDPU #226 no change
Rate V-22 Primary Service with SED	MDPU #227 cancelled
Rate W-23 Heating Rate with SED	MDPU #228 cancelled
Rate N - 14 Time of Use Rate	MDPU #229 cancelled
Service Extension Discounts (SED)	MDPU #130 cancelled
Rate R – 18 Renewable Energy Buyback Provision	MDPU #235 Cancels MDPU #218

The new rates will be effective for all bills mailed after September 1, 2013.

Two copies of the new schedules are enclosed, these rates were published in the Norwood Record on August 1 and August 8, 2013. Also enclosed please find a copy of the public hearing notice which appeared in the Norwood Record on July 11, 2013. Also enclosed is a certified copy of the vote of the Electric Light Commissioners taken on July 23th to reduce rates as detailed.

Will you kindly acknowledge their receipt by stamping one copy and return them to this office.

Very Truly Yours,

Malcolm N. McDonald
Superintendent

RATE A-01

General Purpose Rate --- Residential

Availability

Single phase only; for all residential use except as provided for Apartment or Multiple Dwellings.

Apartments and Multiple Dwellings

If, in an apartment building or residential premises having more than one dwelling, separate metering of each individual apartment or dwelling does not presently exist, so that billing directly to the individual tenants is not feasible and service has been rendered through a single meter then the below rate and minimum charge shall be multiplied by the number of apartments or dwellings connected to such a meter.

Limitations

Total capacity of all motors shall not exceed 10 horsepower. All motors larger than 1/4 horsepower shall be operated at 240 volts.

Monthly Charges

\$ 3.81	For the first 10 kilowatt-hours or any part thereof.
21.31 cents per kWh	For the next 40 kilowatt-hours,
12.06 cents per kWh	For the next 50 kilowatt-hours,
10.24 cents per kWh	For the excess over 100 kilowatt-hours

A discount of 10 percent will be allowed on all bills paid within 10 days of the date thereof.

Minimum Net Bill --- \$3.81 per month

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied after discount to all kilowatt-hours on this rate.

Rate H-08

Heating Rate

Availability

Single phase or 3 phase where facilities of Light Department permit, for residential use except as provided for Apartment and Multiple Dwellings, or other approved use, and where no fuel or energy other than electricity is used for cooking, water heating and/or space heating or at discretion of Light Department and subject to approval of Light Commissioners.

Apartments and Multiple Dwellings

If, in an apartment building or residential premises having more than one dwelling, separate metering of each individual apartment or dwelling does not presently exist, so that billing directly to the individual tenants is not feasible and service has been rendered through a single meter, then the below specified number of kilowatt-hours in each block of the below rate and the minimum charge shall be multiplied by the number of apartments or dwellings connected to such meter.

Limitations

Total capacity of all motors shall not exceed 10 horsepower. All motors larger than 1/4 horsepower shall be operated at 240 volts. Building construction requirements for space heating shall conform to specifications of the department. Requirements for water heater shall be in accordance with Rate F-06.

Monthly Charges Excluding Water Heating

First 400 kWhr or less Computed on Rate A-01, M.D.P.U. No. 230
All over 400 kWhr @ 8.98 cents per kWhr.

Monthly Charges for Water Heating

Customer's option of either:

- (a) Uncontrolled energy - computed on above Rate or
- (b) Controlled energy - computed on Rate F-06

A discount of 10 percent will be allowed on all bills paid within 10 days of date thereof.

Minimum Net Bill \$3.81 per month

Purchase Power Adjustment

As provided in the " Purchased Power Adjustment" applied after discount to all kilowatt hours on this rate.

Rate F-06

Water Heating

Availability

Single Phase only, for residential and commercial electric water heating during "off-peak" hours only, except that energy for water heating will be available for not less than 17 hours in each calendar day.

Requirements

Water heaters shall be of an approved electric, storage, two element type of not less than 50 gallon capacity. Each tank to which the electric hot water heater is connected or in which the electric hot water heater is installed, shall be provided with a combination temperature and pressure relief valve of the tube type which provides a tube extending down into the water in the tank and a vacuum relief valve, these devices to be placed directly on the tank and not in the piping to or from the tank. No check valve is to be permitted in the cold water line.

Monthly Charges

\$ 7.41 For the first 50 kilowatt-hours or any part thereof.

5.72 cents per kWh For the excess over 50 kilowatt-hours.

Minimum Net Bill -- \$ 7.41 per month.

No Discount allowed under these rates.

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied to all kilowatt-hours on this rate.

Issued by John J. Carroll
Manager, Municipal Light Department

Issued on July 23, 2013
Effective on all bills mailed after September 1, 2013

Rate B-02

General Purpose Rate -- Commercial & Industrial

Availability

Single Phase, low tension, and where established facilities of the department permit, three-phase, low tension. Service available at 120 volts for lighting and at 208 volts or 277 volts for power.

Limitations

All motors and motor-starting equipment shall be subject to the approval of the department. The locked rotor current of any motor shall not exceed 450 percent of its rated load current. Any motor in excess of 10hp must be brought to the attention of the department.

Monthly Charges

\$ 11.26 For the first 25 kilowatt-hours or any part thereof.

15.21 cents per kWhr For the next 75 kilowatt-hours.

14.48 cents per kWhr For the next 900 kilowatt-hours.

13.73 cents per kWhr For the excess over 1000 kilowatt-hours.

A discount of 5 percent will be allowed on all bills paid within 10 days of the date thereof.

Minimum Net Bill -- \$ 11.26 per month.

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied after discount to all kilowatt-hours on this rate.

Rate P-16

Primary Service

Availability

Three-Phase high tension only where established facilities of the department permit.

Limitations

Metering will be accomplished on the primary side of customers' transformers. At Light Department option compensated secondary metering may be substituted.

In no case will the Department own, maintain, or be responsible in any way for any customer owned equipment or apparatus.

Monthly Demand Charges

\$1,385.00

For the first 50 kilovolt-amperes of the billing demand or any part thereof.

For the next 650 kilovolt-amperes of the billing demand.

21.59 per kilovolt-ampere For the excess over 700 kilovolt-amperes of the billing demand.

The billing demand shall be the highest 15-minute kilovolt-ampere demand for the month.

Minimum Net Bill -- \$ 1,385.00 per month.

Monthly Energy Charge

4.35 cents per kWhr For all energy.

A discount of 10 percent will be allowed on all bills paid within 20 days of the date thereof.

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied after discount to all kilowatt-hours on this rate.

Issued by John J. Carroll
Manager, Municipal Light Department

Issued on July 23, 2013
Effective on all bills mailed after September 1, 2013

Rate M-13

Heating Rate

Availability

Three-phase high tension primary service only where established facilities of the Department permit and customer provides required equipment for new buildings and additions to existing buildings where no fuel other than electricity is used for space heating.

Limitations

Metering will be accomplished on the primary side of customer's transformers. In no case will the Department own, maintain, or be responsible in any way for any customer owned equipment or apparatus.

Monthly Demand Charge

\$ 23.62 per kilovolt-ampere of the billing demand.

Monthly Energy Charge

4.09 cents per kilowatt hour for all energy.

The billing demand shall be the 15-minute kilovolt-ampere demand occurring at the time of the Municipal Light Department's system demand for the month.

Building construction requirements for space heating shall conform to specifications of the department.

A discount of 5 percent will be allowed on all bills paid within 10 days of the date thereof.

Purchase Power Adjustment

As provided in the " Purchased Power Adjustment" applied to all kilowatt-hours on this rate.

Purchased Power Adjustment

The Purchased Power Adjustment (PPA), as amended from time to time, will be calculated by the Norwood Municipal Light Department.

The PPA will be charged to all customers.

Any significant increases or decreases in total Purchased Power Cost from the base Purchased Power Cost in 2012 will be added to or subtracted from the 2012 base year PPA. This revised PPA will then be charged to all customers

The PPA for residential customers includes the credit for New York Power Authority hydroelectric purchases. In addition, the PPA for all customers includes actual charges by our suppliers, and allocation of transmission cost, energy conservation expense, customer incentives, rate stabilization fund and an adjustment for over collection or under collection.

Rate O-15
Outdoor Lighting Rate

Availability

To any customer for outdoor lighting for private property.

Area Lighting

The Light Department will furnish, install and maintain the lamps, luminaries, brackets and photo electric control and will provide electric service to operate the lamps.

Size	Type	<u>RATE PER MONTH</u>		<u>MONTHLY EST. USAGE</u> KWHR
		"A"	"B"	
175 watt*	Mercury	\$13.43	\$27.37	77
400 watt*	Mercury	22.23	36.16	173
100 watt	High Pressure Sodium	16.72	30.65	39
150 watt	High Pressure Sodium	20.25	34.19	67
250 watt	High Pressure Sodium	23.65	37.57	103
400 watt	High Pressure Sodium	30.86	44.78	175

Flood Lighting

The customer will furnish the lamp, luminaries, photo cell, brackets and all required hardware to be approved by Norwood Light Department. The above will be installed by the Light Department and the Light Department will provide electric service to operate the lamp.

Size	Type	<u>RATE PER MONTH</u>		<u>MONTHLY EST. USAGE</u> KWHR
		"A"	"B"	
400 watt**	Mercury	\$13.00	\$26.93	173
1000 watt**	Mercury	20.79	34.71	420
150 watt	High Pressure Sodium	11.40	25.33	67
250 watt	High Pressure Sodium	12.89	26.83	103
400 watt	High Pressure Sodium	15.54	29.46	175
1000 watt**	High Pressure Sodium	20.79	34.71	420

Installation "A"

Lighting service supplied under this rate shall be installed on an existing approved company pole carrying utilization voltage.

Installation "B"

The company will furnish and maintain one pole and section of secondary wire not to exceed 125 feet for lighting service supplied under this rate.

* This service not available for new installation.

** Customer must provide replacement bulbs under these rates.

Rate O-15

Purchase Power Adjustment

As provided in the " Purchased Power Adjustment" applied to all kilowatt-hours on this rate. Kilowatt-hours used to calculate Purchase Power Adjustment are listed as monthly estimated usage.

General Conditions

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- (1) Lamps will be operated by photo electric control, with hours of question aggregating approximately 4,200 per year, from dusk to dawn.
 - (2) Service and necessary maintenance will be performed only during the regularly scheduled working hours of the company. Burned out lamps will be replaced upon notification of the outage for lamp outages.
 - (3) "Company poles" shall include poles owned jointly by the company with other. Approval of poles, pole locations and structures for the installations shall be at the sole discretion of the company.
 - (4) Any required equipment other than the above will be installed and maintained at the customer's expense.
 - (5) The customer shall assume all risk of loss or damage to equipment and property, in connection with the lighting system.
 - (6) The customer is responsible and liable for the design and aiming of all luminaries.

Terms of Contract

This service may be terminated by giving 90 days notice in writing. If service is terminated prematurely, a penalty charge for unrecovered plant will be charged to the customer.

RATE E-05

Low Income Rate --- Residential

Availability

Single phase only; for residential use only. Available upon application to the Norwood Light Department in accordance with this filing.

Minimum Requirements

Applicants must be customers of record, head of household and receiving SSI. Certification of these three items is required annually and must be provided by the applicant before billing under this rate can be initiated.

Limitations

Total capacity of all motors shall not exceed 10 horsepower. All motors larger than 1/4 horsepower shall be operated at 240 volts.

Monthly Charges

\$ 3.81	For the first 10 kilowatt-hours or any part thereof.
21.31 cents per kWhr	For the next 40 kilowatt-hours,
12.06 cents per kWhr	For the next 50 kilowatt-hours,
10.24 cents per kWhr	For the excess over 100 kilowatt-hours.

A discount of 35 percent will be allowed on the non-fuel portion of all bills paid within 10 days of the date thereof. Discounts will not be allowed on any bills paid after the discount period.

Minimum Net Bill --- \$3.81 per month

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied after discount to all kilowatt hours on this rate.

Service Extension Discounts (SED)

Availability: To all customers who meet the following requirements and are approved by the Norwood Light Department(NLD) to receive said discount.

1. Customer must have previously agreed to the terms, signed and executed a Service Extension Discount Agreement. Customer must provide Norwood Light with at least five years prior written notice before purchasing, allowing to be purchased, or using electricity from a source other than from Norwood Light Department including installing a non-emergency generator for its use.
2. Customer must have an average demand of 200 KW or greater and must have at least 220 hours use average of the billing demand*.
3. Customers must pay bills within the prompt payment discount period (if applicable) to receive the SED discount for that period.

Any Customer giving notice under this service agreement shall have the option to shorten the notice provision to three years by repaying 120 percent of all Service Extension Discounts received from NLD over the prior two years. A Customer with generation at its location on July 12, 1994, shall be eligible for the Service Extension Discount if it has executed a service agreement under which it agrees not to increase the nameplate capacity of the generation at its location.

Any eligible Customer who signs a service agreement by the 15th of any month and is eligible shall receive a discount on their next full month's usage.

Discount

The Light Department will grant a 5 % Service Extension Discount on the applicable base rate amount of the bill exclusive of the Purchase Power Adjustment cost. The discount is granted only if the Customer pays within the prompt payment discount period. This discount will be in addition to the prompt payment discount.

*Those SED customers prior to August 1, 2001 are excluded from the 220 hours use requirement.

Rate U-21

General Purpose Rate B -02- Schools

Availability

Single Phase, low tension, and where established facilities of the department permit, three-phase, low tension. Service available at 120 volts for lighting and at 208 volts or 277 volts for power.

Limitations

All motors and motor-starting equipment shall be subject to the approval of the department. The locked rotor current of any motor shall not exceed 450 percent of its rated load current. Any motor in excess of 10hp must be brought to the attention of the department.

Monthly Charges

\$ 11.26	For the first 25 kilowatt-hours or any part thereof.
15.21 cents per kWh	For the next 75 kilowatt-hours.
14.48 cents per kWh	For the next 900 kilowatt-hours.
13.73 cents per kWh	For the excess over 1000 kilowatt-hours.

A discount of 10 percent will be allowed on all bills paid within 10 days of the date thereof.

Minimum Net Bill -- \$ 11.26 per month.

Purchase Power Adjustment

As provided in the " Purchased Power Adjustment" applied after discount to all kilowatt-hours on this rate.

Rate V-22

Primary Service P-16 with Service Extension Discount (SED)

Availability

Three-Phase high tension only where established facilities of the department permit. Customers must meet conditions of SED Rate M.D.P.U. 130 to be eligible for this rate.

Limitations

Metering will be accomplished on the primary side of customers' transformers. At Light Department option compensated secondary metering may be substituted.

In no case will the Department own, maintain, or be responsible in any way for any customer owned equipment or apparatus.

Monthly Demand Charges

\$1,385.00	For the first 50 kilovolt-amperes of the billing demand or any part thereof.
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22.14 per kilovolt-ampere	For the next 650 kilovolt-amperes of the billing demand.
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21.59 per kilovolt-ampere	For the excess over 700 kilovolt-amperes of the billing demand.
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The billing demand shall be the highest 15-minute kilovolt-ampere demand for the month.

Minimum Net Bill -- \$ 1,385.00 per month.

Monthly Energy Charge

4.41 cents per kWh	For all energy.
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A discount of 5 percent will be allowed on all bills paid within 20 days of the date thereof.

A discount of 5 percent will be allowed for those customers who meet the terms and conditions of Rate M.D.P.U. 130- Service Extension Discount (SED) and also meet the prompt payment discount.

Purchase Power Adjustment

As provided in the " Purchased Power Adjustment" applied after discount to all kilowatt-hours on this rate.

Rate W-23

Heating Rate M-13 with Service Extension Discount (SED)

Availability

Three-phase high tension primary service only where established facilities of the Department permit and customer provides required equipment for new buildings and additions to existing buildings where no fuel other than electricity is used for space heating. Customers must meet conditions of SED Rate MDPU 130 to be eligible for this rate.

Limitations

Metering will be accomplished on the primary side of customer's transformers. In no case will the Department own, maintain, or be responsible in any way for any customer owned equipment or apparatus.

Monthly Demand Charge

\$ 23.62 per kilovolt-ampere of the billing demand.

Monthly Energy Charge

4.09 cents per kilowatt hour for all energy.

The billing demand shall be the 15-minute kilovolt-ampere demand occurring at the time of the Municipal Light Department's system demand for the month.

Building construction requirements for space heating shall conform to specifications of the department.

A discount of 5 percent will be allowed for those customers who meet the terms and conditions of Rate M.D.P.U. 130- Service Extension Discount (SED). This discount will not be allowed if there is an arrearage on the bill.

Purchase Power Adjustment

As provided in the " Purchased Power Adjustment" applied to all kilowatt-hours on this rate.

Rate N-14

Time of Use Rate

Availability

Three-phase high tension primary service for customers who meet the following requirements and where established facilities of the Department permit and customer provides required equipment.

1. Customers must have previously agreed to terms, signed and executed a Service Extension Notice Provision in which the customer must provide Norwood Light with at least five years prior written notice before purchasing, allowing to be purchased, or using electricity from a source other than from Norwood Light Department including installing a non-emergency generator for its use.

2. Customers must have an average demand of 500 KVA or greater.

Any customer giving notice under this service agreement shall have the option to shorten the notice provision to three years by repaying 120 percent of the difference between rate N-14 and P-16 over the prior two years. A customer with generation at its location on July 14, 1994, shall be eligible for Rate N-14 if it has executed a Service Extension Notice Agreement under which it agrees not to increase the nameplate capacity of the generation at its location.

Any eligible customer who signs a service agreement by the 15th of any month shall receive a discount on their next full month's usage.

Limitations

Metering will be accomplished on the primary side of customer's transformers. In no case will the Department own, maintain, or be responsible in any way for any customer owned equipment or apparatus.

Monthly Demand Charge

\$ 12.06 per kilovolt-ampere of the billing demand.

Minimum billing to be 100 KVA

Monthly Energy Charge

12.44 cents per kilowatt hour for the first 200 hours of billing demand.

8.61 cents per kilowatt hour for each additional kWh.

The billing demand shall be the 15-minute kilovolt-ampere demand occurring at the time of the Municipal Light Department's system demand for the month.

A discount of 5 percent will be allowed on all bills paid within 20 days of the date thereof. Customers billed under this rate are not eligible for the SED Rate.

Minimum Net Bill - \$1,206.00 per month.

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied to all kilowatt-hours on this rate.

Rate R-18

General Purpose Rate – With Renewable Energy Buyback Provision

Availability

This rate shall be available to all general service Customers (the Customer) that generate electrical power and energy using renewable energy generation technologies. For purposes of this rate, renewable energy technologies shall include wind, solar photovoltaic, solar thermal and hydroelectric. The Norwood Municipal Light Department (NMLD) reserves the right to determine if the generation technology utilized by the Customer meets the eligibility requirements of this rate.

All electricity produced shall be for the exclusive use of NMLD and shall not be resold or transferred to others. Service taken under this rate shall be electrically separated from the Customer's generating facilities or provided with sufficient protective devices to prohibit such facilities from causing disturbances on the NMLD's system consistent with the NMLD's Terms and Conditions. The NMLD reserves the right to refuse service to facilities where the NMLD reasonably determines that the protection provided is inadequate.

All electricity supplied to the Customer by the NMLD shall be measured through one meter, except that where the NMLD deems it impractical to deliver electricity through one service, or where the NMLD has installed more than one meter, then the measurement of electricity may be by two or more meters. The Customer shall furnish, at its expense, necessary facilities for metering equipment including a dedicated voice grade telephone circuit for remote reading whereby the NMLD can meter the output of the Customer's generating facilities.

Any Customer receiving service under this rate will be required to execute a Service Agreement setting forth the specific provisions of service to that customer, including but not limited to the service location, generating facilities, metering installation, protection systems, term of agreement, and any upgrades required to the NMLD distribution system to accommodate the Customer's interconnection. All such upgrades will be at the sole discretion of NMLD and at the sole cost of the Customer.

Limitations

All electricity consumed by the Customer shall be billed at the Applicable Service Rate for that customer classification.

All electricity generated by the Customer's generation equipment shall be purchased by NMLD at the rates set forth in this Schedule.

Billing Period

Billing shall be done on a monthly basis.

Monthly Charges

The monthly charge shall be the General Service Charge, minus the Energy Credit.

Definitions

General Service Charge: the total charge for the Customer's demand and energy usage, exclusive of any energy generated by the Customer's generating equipment, under the Applicable Service Rate.

Applicable Service Rate: the rate under which the customer would be eligible to receive firm service from the NMLD where no renewable energy was being generated.

Energy Credit: is equal to the product of the Generation Energy and the Energy Buyback Rate.

Generation Energy: the amount of energy, in kWh, produced by the Customer's generating equipment during the billing month.

Energy Buyback Rate: is equal to \$.075 per kWh.

Estimated Bills

When an actual meter reading cannot be taken on the normal meter reading schedule for the Billing Period, an estimated bill will be rendered based on usage data provided by the Customer or estimated by the NMLD.

Discount

A discount will be allowed based on the applicable service rate on all bills paid within 10 days of the date thereof.

Purchase Power Adjustment

As provided in the "Purchased Power Adjustment" applied after discount to all kilowatt-hours for the Customer's energy usage, exclusive of any energy generated by the Customer's generating equipment on this rate.

Issued by John J. Carroll
Manager, Municipal Light Department

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