

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of
the Town of Sterling

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:

General Manager Sean Hamilton

Office address: 50 Main Street

Sterling, MA 01564

Goulet, Salvidio & Associates, P.C.
Certified Public Accountants

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INDEPENDENT ACCOUNTANTS' COMPILATION REPORT

The Board of Commissioners
Sterling Municipal Light Department
Sterling, Massachusetts 01564

We have compiled the balance sheet of Sterling Municipal Light Department as of December 31, 2013 and 2012, and the related statements of income and unappropriated earned surplus 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 29, 2014

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GENERAL INFORMATION

1.	Name of town (or city) making report.		STERLING
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, 124; No, 48 Second vote: Yes,144; No,50 Date when town (or city) began to sell gas and electricity,		ELECTRIC 01/28/1911
3.	Name and address of manager of municipal lighting:		
	SEAN HAMILTON	50 MAIN STREET	STERLING, MA 01564
4.	Name and address of mayor or selectmen:		
	RONALD FURMANIUK	1 PARK STREET	STERLING, MA 01564
	BRIAN PATAACCHIOLA	1 PARK STREET	STERLING, MA 01564
	ROBERT CUTLER	1 PARK STREET	STERLING, MA 01564
5.	Name and address of town (or city) treasurer:		
	ANNE CERVANTES	1 PARK STREET	STERLING, MA 01564
6.	Name and address of town (or city) clerk:		
	DAWN MICHANOWICZ	1 PARK STREET	STERLING, MA 01564
7.	Names and addresses of members of municipal light board:		
	MATTHEW STELMACH	50 MAIN STREET	STERLING, MA 01564
	MICHAEL RIVERS	50 MAIN STREET	STERLING, MA 01564
	GEORGE PAPE	50 MAIN STREET	STERLING, MA 01564
8.	Total valuation of estates in town (or city) according to last State valuation (taxable)		\$929,121,078
9.	Tax rate for all purposes during the year:		\$16.35
10.	Amount of manager's salary:		
		General Manager	\$116,901
11.	Amount of manager's bond:		\$10,000
12.	Amount of salary sequestered yearly for members of municipal light board (each):		\$1,500

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		\$8,000,000
3		TOTAL	\$8,000,000
4			
5	EXPENSES		
6	For operation, maintenance and repairs		\$7,000,000
7	For interest on bonds, notes or scrip		\$290,000
8	For depreciation fund (3 %	15,736,780	\$472,103
9	For sinking fund requirements		\$0
10	For note payments		\$0
11	For bond payments		\$0
12	For loss in preceding year		\$0
13		TOTAL	\$7,762,103
14			
15	COST:		
16	Of gas to be used for municipal buildings		\$0
17	Of gas to be used for street lights		\$0
18	Of electricity to be used for municipal buildings *		\$306,940
19	Of electricity to be used for street lights		\$32,036
20	Total of above items to be included in the tax levy		\$338,976
21			
22	New construction to be included in the tax levy		\$0
23	Total amounts to be included in the tax levy		\$338,976
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. 31
		Total Sterling	3,737
TOTAL	0	TOTAL	3,737

* Excludes Sterling Municipal Light Department building expenses which are in the operation, maintenance and repairs

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 <u> </u> \$0

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

1.	Street lights	\$32,036
2.	Municipal buildings	\$306,940
3.		
		TOTAL <u> </u> \$338,976

* 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 Completed extensive cable upgrades on Upper North Row Road, Osgood Road, Sherwood Drive, Griffin Road, and Elizabeth Lane
- 2 Completed Fox Run Road and Birch Drive underground cable and transformer project
- 3 Replaced Chocksett Substation underground raceway cable for the last of the switches
- 4 Purchased body and bucket for cab chassis (purchased in 2012)
- 5 Installed and removed nine poles
- 6 Installed 10 new house services and removed 3

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	
Voted May 1988 * (Regular Meeting)	May 15, 1989	\$1,750,000					
	TOTAL	\$1,750,000				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

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	
11/26/1910	06/11/1911	\$3,000					
01/28/1911	08/01/1911	\$3,000					
10/31/1912	12/12/1912	\$2,500					
04/04/1912	05/19/1912	\$2,000					
040/4/1912	06/02/1913	\$1,200					
050/3/1914	08/15/1914	\$900					
05/13/1915	05/27/1915	\$5,500					
12/07/1915	12/27/1915	\$1,200					
02/04/1918	05/20/1918	\$3,900					
10/21/1918	10/24/1918	\$1,000					
02/02/1920	09/29/1920	\$2,500					
02/27/1921	05/19/1921	\$1,000					
04/08/1922	07/14/1922	\$1,800					
02/05/1923	10/15/1923	\$6,000					
02/05/1924	08/28/1924	\$1,500					
10/27/1927	10/25/1927	\$1,000					
	TOTAL	\$38,000				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

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

preceding year. Such items should be included in column (c) or (d) as appropriate.
 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.
 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		\$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			NONE			
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	\$0	\$0	\$0	\$0	\$0	\$0
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						
	Total Nuclear Production Plant	\$0	\$0	\$0	\$0	\$0	\$0

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	\$197,008	\$0	\$0			\$197,008
3	361 Structures and Improvements	\$2,676,220	\$0	\$0			\$2,676,220
4	362 Station Equipment	\$561,077	\$29,552	\$0			\$590,629
5	363 Storage Battery Equipment	\$0	\$0	\$0			\$0
6	364 Poles Towers and Fixtures	\$1,591,247	\$24,510	\$8,612			\$1,607,145
7	365 Overhead Conductors and Devices	\$2,942,882	\$140,253	\$24,807			\$3,058,328
8	366 Underground Conduit	\$319,446	\$0	\$0			\$319,446
9	367 Underground Conductors and Devices	\$1,173,389	\$228,921	\$8,581			\$1,393,729
10	368 Line Transformers	\$1,456,552	\$40,008	\$71,360			\$1,425,200
11	369 Services	\$386,422	\$4,555	\$433			\$390,544
12	370 Meters	\$907,326	\$62,085	\$0			\$969,411
13	371 Installations on Customer's Premises	\$60,820	\$0	\$0			\$60,820
14	372 Leased Prop on Customer's Premises	\$0	\$0	\$0			\$0
15	373 Streetlight and Signal Systems	\$138,500	\$21,788	\$4,103			\$156,185
16	Total Distribution Plant	\$12,410,889	\$551,672	\$117,896	\$0	\$0	\$12,844,665
17	5. GENERAL PLANT						
18	389 Land and Land Rights	\$0	\$0	\$0			\$0
19	390 Structures and Improvements	\$622,026	\$6,823	\$0			\$628,849
20	391 Office Furniture and Equipment	\$480,755	\$1,366	\$0			\$482,121
21	392 Transportation Equipment	\$1,122,819	\$193,467	\$288,249			\$1,028,037
22	393 Stores Equipment	\$0	\$0	\$0			\$0
23	394 Tools, Shop and Garage Equipment	\$212,126	\$2,834	\$0			\$214,960
24	395 Laboratory Equipment	\$85,790	\$0	\$0			\$85,790
25	396 Power Operated Equipment	\$97,426	\$0	\$0			\$97,426
26	397 Communication Equipment	\$157,543	\$2,997	\$0			\$160,540
27	398 Miscellaneous Equipment	\$303,744	\$0	\$0			\$303,744
28	399 Other Tangible Property	\$87,656	\$0	\$0			\$87,656
29	Total General Plant	\$3,169,885	\$207,487	\$288,249	\$0	\$0	\$3,089,123
30	Total Electric Plant in Service	\$15,580,774	\$759,159	\$406,145	\$0	\$0	\$15,933,788
31							Total Cost of Electric Plant.....
33							\$15,933,788
34							Less Cost of Land, Land Rights, Rights of Way.....
							\$197,008
							Total Cost upon which Depreciation is based
							\$15,736,780

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.

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)	\$9,267,902	\$9,565,548	\$297,646
3	101	Utility Plant - Gas (P. 20)	\$0	\$0	\$0
4	107	Construction Work in Progress	\$344,285	\$52,233	(\$292,052)
5		Total Utility Plant	\$9,612,187	\$9,617,781	\$5,594
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	\$0	\$0	\$0
13	126	Depreciation Fund (P. 14)	\$771,668	\$966,435	\$194,767
14	128	Other Special Funds	\$422,460	\$865,357	\$442,897
15		Total Funds	\$1,194,128	\$1,831,792	\$637,664
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	\$703,095	\$543,674	(\$159,421)
18	132	Special Deposits	\$261,624	\$257,335	(\$4,289)
19	135	Working Funds	\$2,200	\$2,200	\$0
20	141	Notes Receivable			\$0
21	142	Customer Accounts Receivable	\$523,230	\$409,214	(\$114,016)
22	143	Other Accounts Receivable	\$211,449	\$149,977	(\$61,472)
23	146	Receivables from Municipality	\$0	\$0	\$0
24	151	Materials and Supplies (P. 14)	\$352,057	\$336,335	(\$15,722)
25					
26	165	Prepayments	\$1,510,130	\$1,494,893	(\$15,237)
27	174	Miscellaneous Current Assets			\$0
28		Total Current and Accrued Assets	\$3,563,785	\$3,193,628	(\$370,157)
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	\$0	\$0	\$0
31	182	Extraordinary Property Losses	\$0	\$0	\$0
32	185	Other Deferred Debits	\$113,660	\$113,660	\$0
33		Total Deferred Debits	\$113,660	\$113,660	\$0
34					
35		Total Assets and Other Debits	\$14,483,760	\$14,756,861	\$273,101

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	\$0	\$0
5	206	Loans Repayment	\$0	\$0	\$0
6	207	Appropriations for Construction Repayments	\$0	\$0	\$0
7	208	Unappropriated Earned Surplus (P. 12)	\$10,314,852	\$12,294,693	\$1,979,841
8		Total Surplus	\$10,314,852	\$12,294,693	\$1,979,841
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	\$0	\$0	\$0
11	231	Notes Payable (P. 7)	\$0	\$0	\$0
12		Total Bonds and Notes	\$0	\$0	\$0
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	\$521,543	\$572,260	\$50,717
15	234	Payables to Municipality (Accrued wages)	\$17,643	\$6,464	(\$11,179)
16	235	Customers' Deposits	\$252,650	\$247,375	(\$5,275)
17	236	Taxes Accrued	\$0	\$0	\$0
18	246	Capital Lease	\$0	\$0	\$0
19	242	Miscellaneous Current and Accrued Liabilities	\$0	\$0	\$0
20		Total Current and Accrued Liabilities	\$791,836	\$826,099	\$34,263
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	\$0	\$0	\$0
23	252	Customer Advances for Construction	\$7,259	\$0	(\$7,259)
24	253	Other Deferred Credits	\$0	\$0	\$0
25		Total Deferred Credits	\$7,259	\$0	(\$7,259)
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	\$0	\$0	\$0
28	253	Reserve for Rate Stabilization	\$622,460	\$865,357	\$242,897
29	262	Injuries and Damages Reserves	\$0	\$0	\$0
30	263	Pensions and Benefits Reserves	\$0	\$0	\$0
31	265	Accrued OPEB Liability	\$789,339	\$758,754	(\$30,585)
32		Total Reserves	\$1,411,799	\$1,624,111	\$212,312
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	\$1,958,014	\$11,958	(\$1,946,056)
35		Total Liabilities and Other Credits	\$14,483,760	\$14,756,861	\$273,101

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)*	\$7,941,008	(\$3,125)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	\$7,208,801	\$363,410
5	402 Maintenance Expense	\$287,613	(\$12,653)
6	403 Depreciation Expense	\$461,513	\$18,871
7	407 Amortization of Property Losses	\$0	\$0
8			
9	408 Taxes (P. 49)	\$0	\$0
10	Total Operating Expenses	\$7,957,927	\$369,628
11	Operating Income	(\$16,919)	(\$372,753)
12	414 Other Utility Operating Income (P. 50)	\$0	\$0
13			
14	Total Operating Income	(\$16,919)	(\$372,753)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	\$31,847	(\$37,466)
17	419 Interest Income	\$7,523	(\$11,051)
18	421 Miscellaneous Nonoperating Income (P. 21)	\$0	\$0
19	Total Other Income	\$39,370	(\$48,517)
20	Total Income	\$22,451	(\$421,270)
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	\$22,451	(\$421,270)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	\$0	\$0
28	428 Amortization of Debt Discount and Expense	\$0	\$0
29	429 Amortization of Premium on Debt - Credit	\$0	\$0
30	431 Other Interest Expense	\$624	(\$3,807)
31	432 Interest: Charged to Construction - Credit	\$0	\$0
32	Total Interest Charges	\$624	(\$3,807)
33	NET INCOME	\$21,827	(\$417,463)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		\$10,314,852
35			
36			
37	433 Balance Transferred from Income		\$21,827
38	434 Miscellaneous Credits to Surplus (P. 21)		\$1,958,014
39	435 Miscellaneous Debits to Surplus (P. 21)	\$0	\$0
40	436 Appropriations of Surplus (P. 21)	\$0	\$0
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	\$12,294,693	
43			
44	TOTALS	\$12,294,693	\$12,294,693

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	\$543,674	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	\$543,674	
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))	\$336,335	
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	\$336,335	\$0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year		\$771,668
26	Income during year from balance on deposit (interest)		\$4,709
27	Amount transferred from income (depreciation)		\$461,513
28			
29	TOTAL		\$1,237,890
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)		\$260,503
32	Amounts expended for renewals,viz:-		
33	Loss on Investments		\$7,843
34	Management Fees		\$3,109
35			
36			
37			
38			
39	Balance on hand at end of year		\$966,435
40	TOTAL		\$1,237,890

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			NONE			
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						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	\$0	\$0	\$0	\$0	\$0	\$0

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	\$197,008	\$0	\$0			\$197,008
3	361 Structures and Improvements	\$1,000,353	\$0	\$80,287			\$920,066
4	362 Station Equipment	\$97,622	\$29,552	\$16,832			\$110,342
5	363 Storage Battery Equipment	\$0	\$0	\$0			\$0
6	364 Poles Towers and Fixtures	\$1,225,704	\$24,510	\$47,737			\$1,202,477
7	365 Overhead Conductors and Devices	\$2,103,379	\$140,253	\$97,868			\$2,145,764
8	366 Underground Conduit	\$1	\$0	\$1			\$0
9	367 Underground Conductors and Devices	\$651,119	\$228,921	\$35,202			\$844,838
10	368 Line Transformers	\$814,102	\$40,008	\$43,697			\$810,413
11	369 Services	\$51,984	\$4,555	\$11,593			\$44,946
12	370 Meters	\$907,325	\$62,085	\$27,220			\$942,190
13	371 Installations on Customer's Premises	\$18,026	\$0	\$1,825			\$16,201
14	372 Leased Prop on Customer's Premises	\$0	\$0	\$0			\$0
15	373 Streetlight and Signal Systems	\$133,704	\$21,788	\$4,154			\$151,338
16	Total Distribution Plant	\$7,200,327	\$551,672	\$366,416	\$0	\$0	\$7,385,583
17	5. GENERAL PLANT						
18	389 Land and Land Rights	\$0	\$0	\$0			\$0
19	390 Structures and Improvements	\$376,900	\$6,823	\$18,661			\$365,062
20	391 Office Furniture and Equipment	\$244,177	\$1,366	\$14,422			\$231,121
21	392 Transportation Equipment	\$793,984	\$193,467	\$33,685			\$953,766
22	393 Stores Equipment	\$0	\$0	\$0			\$0
23	394 Tools, Shop and Garage Equipment	\$113,978	\$2,834	\$6,364			\$110,448
24	395 Laboratory Equipment	\$63,072	\$0	\$2,574			\$60,498
25	396 Power Operated Equipment	\$76,064	\$0	\$2,923			\$73,141
26	397 Communication Equipment	\$85,236	\$2,997	\$4,726			\$83,507
27	398 Miscellaneous Equipment	\$226,507	\$0	\$9,112			\$217,395
28	399 Other Tangible Property	\$87,657	\$0	\$2,630			\$85,027
29	Total General Plant	\$2,067,575	\$207,487	\$95,097	\$0	\$0	\$2,179,965
30	Total Electric Plant in Service	\$9,267,902	\$759,159	\$461,513	\$0	\$0	\$9,565,548
31	104 Utility Plant Leased to Others	\$0	\$0	\$0			\$0
32	105 Property Held for Future Use	\$0	\$0	\$0			\$0
33	107 Construction Work in Progress	\$344,285	\$52,233	\$0	\$344,285		\$52,233
34	Total Utility Plant Electric	\$9,612,187	\$811,392	\$461,513	\$344,285	\$0	\$9,617,781

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	\$0				
2	Received During Year	\$0				
3	TOTAL	\$0				
4	Used During Year (Note A)	\$0				
5						
6						
7				NONE		
8						
9						
10						
11	Sold or Transferred	\$0				
12	TOTAL DISPOSED OF	\$0				
13	BALANCE END OF YEAR	\$0				
Line No.	Item (g)		Kinds of Fuel and Oil - continued			
			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				NONE		
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	Contributions in Aid of Construction	\$1,958,014
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	\$1,958,014
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	\$0
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34		
35		
36		
37		
38		
39		
40	TOTAL	\$0

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	482	N/A					
2							
3							
4			TOTALS				
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)		
5	445	Municipal: (Other Than Street Lighting)	2,427,260	\$288,409	\$0.1188		
6							
7							
8							
9							
10							
11							
12			TOTALS		2,427,260	\$288,409	\$0.1188
13			444	Street Lighting:	242,892	\$32,036	\$0.1319
14							
15							
16							
17							
18	TOTALS				242,892	\$32,036	\$0.1319
19	TOTALS		2,670,152	\$320,445	\$0.1200		
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	See pages 54, 55 and 56						
21							
22							
23							
24							
25							
26							
27							
28							
29			TOTALS	0	\$0	\$0.0000	
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	Various Utilities		PTF VOLTAGE	0	\$0	N/A	
31	This represents a reduction in purchased power account 555						
32							
33							
34							
35							
36							
37							
38							
39			TOTALS	0	\$0	N/A	

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.

2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.

3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.

5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification

Line No.	Account (a)	Operating Revenues			Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Previous Year	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	\$4,089,992	\$4,041,917	\$48,075	29,230,573	696,344	3,334	0
3	442 Commercial and Industrial Sales							
4	Small Commercial B Sales	\$331,688	\$341,174	(\$9,486)	2,131,808	16,663	203	0
5	Large Commercial C Sales	\$3,150,861	\$3,138,198	\$12,663	26,010,574	517,817	141	0
6	444 Public Street and Highway Lighting	\$32,036	\$34,741	(\$2,705)	242,892	(1,971)	1	0
7	445 Other Sales to Public Authorities	\$274,904	\$268,550	\$6,354	2,326,538	107,956	38	0
8	446 Sales to Railroads and Railways	\$0	\$0	\$0	0	0	0	0
9	448 Interdepartmental Sales	\$13,505	\$14,141	(\$636)	100,722	(2,375)	4	0
10	449 Miscellaneous Sales	\$44,324	\$71,610	(\$27,286)	261,084	0	0	0
11	Total Sales to Ultimate Consumers	\$7,937,310	\$7,910,331	\$26,979	60,304,191	1,334,434	3,721	0
12	447 Sales for Resale	\$0	\$0	\$0	0	0	0	0
13	Total Sales of Electricity*	\$7,937,310	\$7,910,331	\$26,979	60,304,191	1,334,434	3,721	0
14	OTHER OPERATING REVENUES							
15	450 Forfeited Discounts	\$0	\$0	\$0				
16	451 Miscellaneous Service Revenues	\$0	\$0	\$0				
17	453 Sales of Water and Water Power	\$0	\$0	\$0				
18	454 Rent from Electric Property	\$3,698	\$33,802	(\$30,104)				
19	455 Interdepartmental Rents	\$0	\$0	\$0				
20	456 Other Electric Revenues	\$0	\$0	\$0				
21								
22								
23								
24								
25	Total Other Operating Revenues	\$3,698	\$33,802	(\$30,104)				
26	Total Electric Operating Revenue	\$7,941,008	\$7,944,133	(\$3,125)				

* Includes revenues from application of fuel clauses \$ _____ 0

Total KWH to which applied _____ 60,304,191

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	440	RESIDENTIAL	29,230,573	\$4,089,992	\$0.1399	3333	3349
2	442	COMMERCIAL (Small)	2,131,808	\$331,688	\$0.1556	204	204
3	442	INDUSTRIAL (Large)	26,010,574	\$3,150,861	\$0.1211	142	138
4	444	STREET LIGHTING	242,892	\$32,036	\$0.1319	1	1
5	445	MUNICIPAL*	2,427,260	\$288,409	\$0.1188	41	45
6	449	PRIVATE LIGHTING	261,084	\$44,324	\$0.1698	0	0
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
		*Includes Interdepartmental sales					
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			60,304,191	\$7,937,310	\$0.1316	3,721	3,737

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:	NONE	
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	\$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	\$0
20	Total power production expenses -steam power	\$0	\$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	\$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	\$0
40	Total power production expenses -nuclear power	\$0	\$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	\$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	\$0
9	Total power production expenses - hydraulic power	\$0	\$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	\$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	\$0
24	Total power production expenses - other power	\$0	\$0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	\$5,821,255	\$346,307
27	556 System control and load dispatching		
28	557 Other expenses	\$68,958	(\$1,437)
29	Total other power supply expenses	\$5,890,213	\$344,870
30	Total power production expenses	\$5,890,213	\$344,870
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		\$0
34	561 Load dispatching		\$0
35	562 Station expenses		\$0
36	563 Overhead line expenses		\$0
37	564 Underground line expenses		\$0
38	565 Transmission of electricity by others		\$0
39	566 Miscellaneous transmission expenses		\$0
40	567 Rents		\$0
41	Total Operation	\$0	\$0
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		\$0
47	572 Maintenance of underground lines		\$0
48	573 Maintenance of miscellaneous transmission plant		\$0
49	Total maintenance	\$0	\$0
50	Total transmission expenses	\$0	\$0

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	\$78,699	(\$1,021)
4	581 Load dispatching (Operation Labor)	\$8,912	\$198
5	582 Station expenses	\$14,670	\$10,575
6	583 Overhead line expenses	\$28,234	\$1,652
7	584 Underground line expenses	\$9,634	(\$1,129)
8	585 Street lighting and signal system expenses	\$0	\$0
9	586 Meter expenses	\$33,194	\$17,605
10	587 Customer installations expenses	\$3,083	(\$1,324)
11	588 Miscellaneous distribution expenses	\$16,225	(\$485)
12	589 Rents	\$0	\$0
13	Total operation	\$192,651	\$26,071
14	Maintenance:		
15	590 Maintenance supervision and engineering	\$8,625	(\$7,158)
16	591 Maintenance of structures	\$2,668	(\$16,122)
17	592 Maintenance of station equipment	\$0	\$0
18	593 Maintenance of overhead lines	\$203,687	\$4,542
19	594 Maintenance of underground lines	\$18,379	\$15,600
20	595 Maintenance of line transformers	\$2,228	\$60
21	596 Maintenance of street lighting and signal systems	\$7,046	\$3,480
22	597 Maintenance of meters	\$0	(\$45)
23	598 Maintenance of miscellaneous distribution plant	\$0	\$0
24	Total maintenance	\$242,633	\$357
25	Total distribution expenses	\$435,284	\$26,428
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	\$18,897	\$405
29	902 Meter reading expenses	\$48,425	\$20,597
30	903 Customer records and collection expenses	\$103,819	\$35,565
31	904 Uncollectible accounts	(\$1)	(\$24,900)
32	905 Miscellaneous customer accounts expenses	\$48,780	(\$998)
33	Total customer accounts expenses	\$219,920	\$30,669
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	\$0	\$0
37	912 Demonstrating and selling expenses	\$8,728	\$1,783
38	913 Advertising expenses	\$5,854	\$4,840
39	916 Miscellaneous sales expenses	\$0	\$0
40	Total sales expenses	\$14,582	\$6,623
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	\$89,382	\$16,768
44	921 Office supplies and expenses	\$19,191	(\$6,551)
45	922 Administrative expenses transferred - Cr	\$0	\$0
46	923 Outside services employed	\$72,731	(\$59,335)
47	924 Property insurance	\$30,463	\$206
48	925 Injuries and damages	\$43,423	(\$7,262)
49	926 Employee pensions and benefits	\$578,413	\$1,804
50	928 Regulatory commission expenses	\$0	\$0
51	929 Store Expense	\$0	\$0
52	930 Miscellaneous general expenses	\$57,832	\$9,547
53	931 Rents	\$0	\$0
54	Total operation	\$891,435	(\$44,823)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued				
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	\$44,980	(\$13,010)	
4	Total administrative and general expenses	\$936,415	(\$57,833)	
5	Total Electric Operation and Maintenance Expenses	\$7,496,414	\$350,757	
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	\$5,890,213	\$0	\$5,890,213
13	Total power production expenses	\$5,890,213	\$0	\$5,890,213
14	Transmission Expenses	\$0	\$0	\$0
15	Distribution Expenses	\$192,651	\$242,633	\$435,284
16	Customer Accounts Expenses	\$219,920	\$0	\$219,920
17	Sales Expenses	\$14,582	\$0	\$14,582
18	Administrative and General Expenses	\$891,435	\$44,980	\$936,415
19	Total Electric Operation and			
20	Maintenance Expenses	\$7,208,801	\$287,613	\$7,496,414
21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%)) Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)		*	1.003
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			\$893,208
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			12
	* Combination of FEMA expenses and contract buydown			

Next Page is 49

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	NONE				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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36					
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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			\$0
3	allowances and returns				
4	Contract work	\$31,847			\$31,847
5	Commissions	\$0			\$0
6	Other (list according to major classes)	\$0			\$0
7	Pole Contract Fees				\$0
8					
9					
10	Total Revenues	\$31,847	\$0	\$0	\$31,847
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major	\$0			\$0
15	classes of cost)				
16					
17	Materials	\$0			\$0
18	Outside Service Labor	\$0			\$0
19					
20					
21	Sales Expenses	\$0			\$0
22	Customer accounts expenses	\$0			\$0
23	Administrative and general expenses	\$0			\$0
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45	TOTAL COSTS AND EXPENSES	\$0	\$0	\$0	\$0
46	Net Profit (or loss)	\$31,847	\$0	\$0	\$31,847

SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes

integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

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

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

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)		
						0	n/a	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	\$0	\$0	\$0	\$0	\$0		42

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 (m)	Other Charges (n) **	Total (o)		
60 MINUTES		2,669,429	\$21,649	\$12,970	\$50,639	\$85,258	\$0.0319	1
60 MINUTES		25,556	\$34,009	\$4,197	\$1,346	\$39,552	\$1.5477	2
60 MINUTES		826,008	\$92,895	\$80,600	\$1,676	\$175,171	\$0.2121	3
60 MINUTES		2,798,086	\$211,616	\$20,275	\$2,171	\$234,062	\$0.0837	4
60 MINUTES		15,509,223	\$1,002,948	\$126,926	\$1,068	\$1,130,942	\$0.0729	5
60 MINUTES		407,424	\$27,294	\$3,338	\$28	\$30,660	\$0.0753	6
60 MINUTES		6,415,765	\$534,998	\$52,686	\$442	\$588,126	\$0.0917	7
60 MINUTES					\$1,353	\$1,353	N/A	8
60 MINUTES					\$780,682	\$780,682	N/A	9
60 MINUTES		2,776,800		\$143,837	\$0	\$143,837	\$0.0518	10
60 MINUTES	PTF	2,704,943			\$257,278	\$257,278	\$0.0951	11
				\$1,758		\$1,758	N/A	12
				(\$33,259)		(\$33,259)	N/A	13
				\$788		\$788	N/A	14
				\$242,898		\$242,898	N/A	15
						\$0	N/A	16
		3,267,346			\$128,243	\$128,243	N/A	17
60 MINUTES		1,213,427		\$84,940		\$84,940	\$0.0700	18
60 MINUTES		9,480,000		\$740,087		\$740,087	\$0.0781	19
60 MINUTES		832,081		\$59,666		\$59,666	\$0.0717	20
60 MINUTES		517,932		\$31,076		\$31,076	\$0.0600	21
60 MINUTES		792,400		\$67,949		\$67,949	\$0.0858	22
60 MINUTES		2,957,850		\$173,330		\$173,330	\$0.0586	23
60 MINUTES		1,332,000		\$52,614		\$52,614	\$0.0395	24
					(\$103,981)	(\$103,981)		25
						\$0		26
		74,709			\$5,667	\$5,667		27
						\$0		28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
								42
	TOTALS:	54,600,979	\$1,925,409	\$1,866,676	\$1,126,612	\$4,918,697	\$0.0901	42

* \$750,000 part of contract buydown

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 Nonutilities, (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 (e)	Delivered (f)	Net Difference (g)	
1	NEPEX				61,026,600	52,793,920	8,232,680	\$902,558
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	TOTALS				61,026,600	52,793,920	8,232,680	\$902,558

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
16	NEPEX	INTERCHANGE EXPENSE	\$794,714
17		NEPOOL EXPENSE	\$107,844
18			
19			
20			
21			
22			
23			
24	TOTAL		\$902,558

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			0
8	Purchases			54,600,979
9		(In (gross)	N/A	
10	Interchanges	< Out (gross)	N/A	
11		(Net (Kwh)		8,232,680
12		(Received	0	
13	Transmission for/by others (wheeling)	< Delivered	0	
14		(Net (Kwh)		0
15	TOTAL			62,833,659
16	DISPOSITION OF ENERGY			
17	Sales to ultimate consumers (including interdepartmental sales)			60,304,191
18	Sales for resale			0
19	Energy furnished without charge			
20	Energy used by the company (excluding station use):			
21	Electric department only			473,579
22	Energy losses			
23	Transmission and conversion losses		0	
24	Distribution losses			
25	Unaccounted for losses		2,055,889	
26	Total energy losses			2,055,889
27	Energy losses as percent of total on line 15		3.27%	
28			TOTAL	62,833,659

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 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

as to the nature of the emergency.
 3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes 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 not physically connected, the information called for below should be furnished for each system.

Annual Report of The Town of Sterling

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	JAN	10,171	Wednesday	2	18:00	PULSE	4,989,251
30	FEB	9,415	Monday	4	19:00	PULSE	5,850,153
31	MAR	9,267	Thursday	7	19:00	PULSE	4,666,134
32	APR	8,387	Tuesday	23	20:00	PULSE	4,930,522
33	MAY	9,826	Friday	31	20:00	PULSE	4,632,645
34	JUN	11,691	Monday	24	19:00	PULSE	4,974,911
35	JUL	12,291	Thursday	18	21:00	PULSE	5,830,609
36	AUG	10,581	Wednesday	28	17:00	PULSE	5,985,415
37	SEP	11,942	Wednesday	11	20:00	PULSE	5,710,604
38	OCT	8,707	Monday	28	19:00	PULSE	5,053,251
39	NOV	9,938	Sunday	24	18:00	PULSE	4,999,474
40	DEC	11,400	Tuesday	17	18:00	PULSE	5,210,690
41						TOTAL	62,833,659

GENERATING STATIONS						Pages 58 through 66
GENERATING STATION STATISTICS (Large Stations)						Pages 58-59
(Except Nuclear)						
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						
STEAM GENERATING STATIONS						Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
2						
3						
4						
5						
6						
HYDROELECTRIC GENERATING STATIONS						Pages 62-63
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)	
1	NONE					
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	CARBOLON (4 DIESELS)	1293 KVA				
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	NONE					
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								
2								
3					NONE			
4								
5								
6								
7								
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36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS						0	

* 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.

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	Chocksett Rd.	Transmission/Distribution	115 KV	13.8 KV		44,800	2	0			
2											
3	System Reclosers:										
4	Pole #1 - Pratts Junction Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
5	Pole #3-2 - Legate Hill Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
6	Pole #20 - Wiles Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
7	Pole #38 - Chocksett Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
8	Pole #53 - Princeton Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
9	Pole #49 - Worcester Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
10	Pole #10 - Heywood Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
11	Pole #8 - Maple St.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
12	Pole #53 - Beaman Rd.	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Recloser	1	N/A
13											
14	Capacitor Banks:										
15	Heywood Rd. (01) Pole #3	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	450 KVAR
16	Pratts Junction Rd. (01) Pole #33	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	450 KVAR
17	Chocksett Rd. (03) Pole #39	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	450 KVAR
18	Leominster Rd. (04) Pole #34	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	450 KVAR
19	Leominster Rd. (04) Pole #38	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	450 KVAR
20	Worcester Rd. (04) Pole #40.5	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	600 KVAR
21	Chamberlain Rd. (02) Pole #3	Distribution	13.8 KV	N/A		N/A	N/A	N/A	Capacitor Bank	1	450 KVAR
22											
23											
TOTALS						44,800	2	0		16	5,100 KVAR

OVERHEAD DISTRIBUTION LINES OPERATED					
Line No.		Length (Pole Miles)			
		Wood Poles	Steel Towers	Total	
1	Miles -- Beginning of Year	104.12		104.12	
2	Added During Year	0.00		0.00	
3	Retired During Year	0.00		0.00	
4	Miles -- End of Year	104.12	0	104.12	
5					
6					
7					
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power				
9	Primary AC	Secondary AC			
10	3/0-7970/13800Y	3/0-120/208			
11	3/0-2400/4160Y	3/0-240			
12		3/0-277/480			
13		1/0-120/240			
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:	3,495	3,872	1,337	112,151.5
17	Additions during year				
18	Purchased		42	15	250.0
19	Installed	10			
20	Existing unaccounted xfmrs added			5	100.0
21	Total Additions	10	42	20	350.0
22	Reductions during year:				
23	Retirements	3	10		
	Sold				
24	Xfmr added twice in database		0	60	2,133.0
25	Total Reductions	3	10	60	2,133.0
26	Number at end of year	3,502	3,904	1,297	110,368.5
27	In stock		165	116	10,425.0
28	Locked meters on customers' premises				
29	Transformers being repaired				
	Inactive Transformer				
30	In customers' use		3,735	1,173	55,376.5
31	In company's use		4	8	44,567.0
32	Number at end of year		3,904	1,297	110,368.5

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)	Operating Voltage (f)
1	Industrial services	3/0	3.76 Miles		120-208		
2	Industrial services	3/0	2.19 Miles		13,800		
3	Leominster Road	3/0	0.07 Miles		13,800		
4	Sholan Terrace	3/0	0.04 Miles		4,160		
5	Worcester Road	3/0	0.11 Miles		8,000		
6	Under I-190	3/0	0.61 Miles		13,800		
7	Ashton Lane	1/0	0.23 Miles		8,000		
8	Chace Hill Road	1/0	0.19 Miles		2,400		
9	Elliott Road	1/0	0.28 Miles		8,000		
10	Bean Road	1/0	0.04 Miles		8,000		
11	Evergreen Circle	1/0	0.15 Miles		8,000		
12	Fox Fire	1/0	3.06 Miles		8,000		
13	James Road	1/0	0.16 Miles		8,000		
14	Jill Lane	1/0	0.18 Miles		8,000		
15	Karen Drive	1/0	0.06 Miles		8,000		
16	House services (secondary)	4/0	25.47 Miles		120/240		
17	House services (Primary)	1/0	0.80 Miles		8,000		
18	Michael Lane	1/0	0.21 Miles		8,000		
19	Pikes Hill Road	1/0	0.38 Miles		8,000		
20	Quail Roost Drive	1/0	0.28 Miles		8,000		
21	Riverview Road	1/0	0.24 Miles		8,000		
22	Still River Road	1/0	0.38 Miles		8,000		
23	Sunset Drive	1/0	0.17 Miles		8,000		
24	Tanglewood Road	1/0	1.04 Miles		8,000		
25	Off Rt 140	1/0	0.09 Miles		8,000		
26	Sky Farm Lane	1/0	0.28 Miles		2,400		
27	Abbey Lane	1/0	0.06 Miles		8,000		
28	Off Justice Hill Cutoff	1/0	0.21 Miles		2,400		
29	Juniper Brook	1/0	0.14 Miles		8,000		
30	Rowley Hill Road	1/0	0.11 Miles		2,400		
31	Debra Lane	1/0	0.49 Miles		8,000		
32	Tara Lane	1/0	0.09 Miles		2,400		
33	Off Osgood Road	1/0	0.20 Miles		2,400		
34	Heather Lane	1/0	0.12 Miles		8,000		
35	Fitch Farm Lane	1/0	0.54 Miles		8,000		
PAGE TOTAL			42.43 Miles	0		0	

*indicate number of conductors per cable

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)	Operating Voltage (f)
36	Pamela Lane	1/0	0.15	Miles		8,000	
37	Ridgewood Lane	1/0	0.20	Miles		2,400	
38	Redstone Hill	3/0	0.09	Miles		13,800	
39	Kendall Hill Road	1/0	0.15	Miles		10,400	
40	Cross Street	3/0	0.08	Miles		8,000	
41	Calvins Lane	1/0	0.18	Miles		8,000	
42	John Christian Way	1/0	0.12	Miles		8,000	
43	Peters Way	3/0	0.14	Miles		13,800	
44	Blueberry Lane	1/0	0.21	Miles		2,400	
45	Evergreen Ext	1/0	0.09	Miles		8,000	
46	Olde Parish Lane	1/0	0.28	Miles		8,000	
47	Cell Tower	1/0	0.17	Miles		8,000	
48	Chace Hill Road	4/0	0.08	Miles		120/240	
49	Country Club Lane	1/0	0.50	Miles		8,000	
50	Cole Road	1/0	0.45	Miles		8,000	
51	Avery Lane	1/0	0.27	Miles		8,000	
52	Matthew Lane	1/0	0.36	Miles		2,400	
53	Cynthia Lane	1/0	0.49	Miles		8,000	
54	Malvern Hill Road	1/0	0.30	Miles		8,000	
55	Adam Taylor Road	1/0	0.68	Miles		8,000	
56	Boutelle Road	1/0	0.08	Miles		8,000	
57	Clinton Road	1/0	0.02	Miles		8,000	
58	Crowley Road	1/0	0.05	Miles		8,000	
59	Elizabeth Lane	1/0	0.16	Miles		8,000	
60	Leominster Road (Mall)	1/0	0.35	Miles		8,000	
61	Merrill Road	1/0	0.17	Miles		8,000	
62	Old Princeton Road	1/0	0.03	Miles		8,000	
63	Pratt Junction Road	1/0	0.03	Miles		8,000	
64	Samuel's Lane	1/0	0.09	Miles		8,000	
65	Pine Woods Lane	1/0	0.21	Miles		8,000	
66	Dana Hill Road	1/0	0.10	Miles		8,000	
67	Sandy Ridge Road	1/0	1.13	Miles		8,000	
68	Leslie Lane	1/0	0.33	Miles		8,000	
69	Stuart Road	1/0	0.55	Miles		8,000	
70	PAGE TOTAL		8.29	Miles			
71	SUBTOTAL		50.72	Miles	0		0

*indicate number of conductors per cable

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)	Operating Voltage (f)	
72	Rt. 140 Cell Tower	1/0	0.17	Miles		8,000	
73	Chocksett Road	1/0	0.08	Miles		13,800	
74	Country Club Lane	4/0	0.03	Miles		120/240	
75	Muddy Pond Road	4/0	0.12	Miles		120/240	
76	Clinton Road	4/0	0.14	Miles		120/240	
77	Pine Woods Lane	4/0	0.14	Miles		120/240	
78	Lake Shore Drive	4/0	0.03	Miles		120/240	
79	Rowley Hill Road	4/0	0.10	Miles		120/240	
80	Avery Lane	4/0	0.06	Miles		120/240	
81	Albright Road	4/0	0.18	Miles		120/240	
82	Kendall Hill Road	4/0	0.03	Miles		120/240	
83	Justice Hill Road	4/0	0.03	Miles		120/240	
84	Sandy Ridge Road	350 MCM Sec.	1.37	Miles		120/240	
85	Leslie Lane	350 MCM Sec.	0.13	Miles		120/240	
86	Stuart Road	4/0	0.25	Miles		120/240	
87	Adam Taylor Road	350 MCM Sec.	0.23	Miles		120/240	
88	Dana Hill Road	1/0	0.13	Miles		13,800	
89	Malvern Hill Road	4/0	0.03	Miles		120/240	
90	Off Dana Hill (Ster. Hlthcr)	3/0	0.34	Miles		13,800	
91	Redemption Rock Trail	1/0	0.27	Miles		8,000	
92	Police Statn Access Rd	3/0	0.07	Miles		13,800	
93	Redstone Hill Road	4/0	0.06	Miles		120/240	
94	Holden Road	4/0	0.03	Miles		120/240	
95	Sandy Ridge Road	4/0	0.23	Miles		120/240	
96	North Row Road	4/0	0.06	Miles		120/240	
97	Greenland Road	4/0	0.03	Miles		120/240	
98	Samuel Lane	4/0	0.03	Miles		120/240	
99	Chocksett Road	1/0	0.03	Miles		120/240	
100	Tuttle Road	4/0	0.03	Miles		120/240	
101	Cole Road	4/0	0.03	Miles		120/240	
102	Leslie Lane	4/0	0.03	Miles		120/240	
103	Adam Taylor Road	4/0	0.05	Miles		120/240	
104	Stephanie Anne Lane	1/0	0.71	Miles		8,000	
105	Stephanie Anne Lane	350 MCM Sec.	0.08	Miles		120/240	
106	PAGE TOTAL		5.33	Miles			
107	SUBTOTAL		56.05	Miles	0		0

*indicate number of conductors per cable

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)	Operating Voltage (f)	
108	Allyson Way	350 MCM Sec.	0.08	Miles			120/240
109	Off Pinewoods Lane	1/0	0.14	Miles			8,000
110	Stephanie Anne Lane	1/0	0.13	Miles			8,000
111	Village Lane	1/0	0.19	Miles			8,000
112	Village Lane	350 MCM Sec.	0.09	Miles			120/240
113	#2 Rowley Hill Road	1/0	0.34	Miles			8,000
114	Chace Hill Road	1/0	0.27	Miles			8,000
115	Thomas Lane	1/0	0.17	Miles			8,000
116	Kathleen Lane	1/0	0.30	Miles			8,000
117	Primrose Lane	1/0	0.11	Miles			8,000
118	Patriots Way	1/0	0.57	Miles			13,800
119	Pheasant Hill Lane	1/0	0.34	Miles			8,000
120	Pheasant Hill Lane	350 MCM Sec.	0.06	Miles			120/240
121	Trebor Lane	1/0	0.34	Miles			8,000
122	Trebor Lane	350 MCM Sec.	0.09	Miles			120/240
123	Runaway Brook	1/0	1.12	Miles			8,000
124	Runaway Brook	350 MCM Sec.	0.14	Miles			120/240
125	Fern Lane	1/0	0.20	Miles			8,000
126	Lindas Way	1/0	0.17	Miles			8,000
127	Lake Shore Drive	350 MCM Sec.	0.07	Miles			120/240
128	Lake Shore Drive	1/0	0.03	Miles			8,000
129	Fern Lane	4/0	0.08	Miles			120/240
130	White Oak Way	4/0	0.02	Miles			120/240
131	Campground Road	4/0	0.02	Miles			120/240
132	Burpee Road	350 URD triplex	0.06	Miles			120/240
133	Chad Lane	1/0	0.15	Miles			8,000
134	Chad Lane	4/0	0.13	Miles			120/240
135	Homestead Lane	1/0	0.49	Miles			8,000
136	Homestead Lane	4/0	0.08	Miles			120/240
137	Fitch Farm Lane	4/0	0.02	Miles			120/240
138							
139							
140							
141	Streetlighting	Town of Sterling	0.72	Miles			120 volt
142		PAGE TOTAL	6.72	Miles			
143		GRAND TOTAL	62.77	Miles	0		0

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	STERLING									
2	Town Streetlighting	458	15		202				241	
3	Private Lighting	292		0		71		16		205
4										
5			LED Lighting							
6	Town Streetlighting	36	36							
7										
8										
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44										
45	TOTALS	786	51	0	202	71	0	16	241	205

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 New Rate Schedule Attached		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....	Mayor
<i>Sean Hamilton</i> Sean Hamilton	Manager of Electric Light
<i>M Stelmach</i> Matthew Stelmach	Chairman
<i>M Rivers</i> Michael Rivers	Vice-Chairman
<i>G Pape</i> George Pape	Clerk
.....	
.....	
.....	
.....	

Selectmen or Members of the Municipal Light Board

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

..... SS 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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**STERLING MUNICIPAL LIGHT DEPARTMENT
RESIDENTIAL SERVICE
R1-RES**

MDPU Tariff No. 235

AVAILABILITY

Service under this rate is available for domestic purposes in a single, private dwelling or a single apartment. Incidental commercial uses on the same premises (not exceeding 20% of the total energy use as determined by the Department) may be permitted under this rate at the Department's discretion depending upon metering requirements and the nature of the commercial load characteristics.

COST OF SERVICE

\$0.1246 net per kwhr for all kwhrs delivered per billing period including the 10% discount. PPA, Transmission and PASNY credit are not included in above net cost per kwhr.

DISCOUNT

A 10% discount will be applied to that portion of the bill determined per the cost of service section of this tariff if payment is made on (or before) the discount day that is printed on the customer's bill. No discount will be allowed on the purchased power adjustment or when arrears are due and unpaid.

FARM DISCOUNT

An additional 10% discount is available under this rate for all residential customers that have been properly certified by the Department of Food and Agriculture (DFA) for a one-year period commencing upon their application date with the DFA. If after one year they have not properly recertified themselves with the DFA, they will not be eligible for this rate application.

CUSTOMER CHARGE

\$4.00 per billing period.

The cost of providing customer related services such as metering, meter reading and billing. These fixed costs are not affected by the actual amount of electricity you use.

CONNECTION PERIOD

The minimum connection period for service under this rate is six months during which all billing provisions of this rate, including the minimum charge, shall apply.

PURCHASED POWER ADJUSTMENT (PPA)

A purchased power adjustment, either a charge or credit, shall be applied to all kilowatt-hours sold under this rate as provided in the purchased power adjustment. The early payment discount does not apply to the purchased power adjustment.

PASNY CREDIT

A credit on the customer's bill for Sterling's pro rata share of hydroelectric power from the Power Authority Of the State of New York (PASNY).

TRANSMISSION CHARGE ADJUSTMENT (TCA)

A transmission charge adjustment (TCA), applicable to all rate schedules, shall be applied to all kilowatt-hours sold under this rate as provided in the TCA. The early payment discount does not apply to the TCA.

TERMS AND CONDITIONS

The SMLD'S Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

EFFECTIVE

On all bills rendered after June 01, 2013.

**STERLING MUNICIPAL LIGHT DEPARTMENT
SMALL GENERAL SERVICE
R5-SGS**

Tariff No. 225

AVAILABILITY

Service under this rate is available to individual, commercial and small industrial establishments requiring a single-phase or three-phase, secondary connection. This rate is available to customers where the total monthly kilowatt hour (KWHR) consumption is less than 10,000 kWhrs and the SMLD has determined that the maximum monthly demand of that customer does not exceed 20 kilowatts at any time during the preceding 12 months. A customer in this rate class with three phase demand who maintains an average 12 month load factor above 30% may qualify for a MGS service rate. All electricity furnished will be through one service and one meter.

COST OF SERVICE

- \$0.1588 per kWh for all kWhrs delivered per billing period.

CUSTOMER CHARGE

\$10.00 per billing period.

The cost of providing customer related services such as metering, meter reading and billing. These fixed costs are not affected by the actual amount of electricity you use.

CONNECTION PERIOD

The determination of the appropriate minimum connection period under this rate will be based on the investment required by the SMLD to provide service. This determination will be made by the SMLD prior to the start of service; however, this minimum connection period shall be no less than one year. During this minimum connection period, all billing provisions of this rate, including the minimum charge, shall apply.

FARM DISCOUNT

An additional 10% discount is available under this rate for all residential customers that have been properly certified by the Department of Food and Agriculture (DFA) for a one-year period commencing upon their application date with the DFA. If after one year they have not properly recertified themselves with the DFA, they will not be eligible for this rate application.

PURCHASED POWER ADJUSTMENT (PPA)

A purchased power adjustment, either a charge or credit, shall be applied to all kilowatt-hours sold under this rate as provided in the purchased power adjustment.

TRANSMISSION CHARGE ADJUSTMENT (TCA)

A transmission charge adjustment (TCA), applicable to all rate schedules, shall be applied to all kilowatt hours sold under this rate as provided in the TCA. The early payment discount does not apply to the TCA.

TERMS AND CONDITION

The SMLD'S Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

EFFECTIVE

On all bills rendered after June 01, 2013.

**STERLING MUNICIPAL LIGHT DEPARTMENT
MEDIUM GENERAL SERVICE
R-6-MGS**

Tariff No. 215

AVAILABILITY

Service under this rate is available to individual commercial and industrial establishments requiring a three-phase connection who receive greater than 10,000 kWhrs per billing period and maintain an average demand greater than 20kw. Those commercial establishments with less than 10,000 kWhrs and 20kw demand but maintain a load factor greater than 30% for the preceding 12 months may qualify for this rate. All electricity furnished will be through one service and one meter.

Cost of Service Demand Charge

- \$ 6.00 per Kilowatt (KW) for all KWs of billing demand delivered during the billing period.

Energy Charge

- \$ 0.0410 per kwhr for all kwhrs per billing period.

Distribution Charge

- \$ 0.0615

PRIMARY METERING

Energy metered at 4160 volts and above by the SMLD is available to customers under this rate. A 3 percent monthly discount on the demand charges will be allowed where metering is on the primary side of the transformer. Transformers must be rated at 300 kva total connected capacity or above.

ENERGY MANAGEMENT CREDIT

Option 1: The customer will receive a credit of \$0.0057 per kilowatt hour for every kilowatt hour delivered in excess of the number of kilowatt hours required to maintain a load factor of 30 percent during the billing period.

BILLING DEMAND

The billing demand shall be the highest 15 minute kw measured demand established during the billing period but not less than eighty (80) percent of the maximum measured demand during the preceding eleven months. In case of fluctuating loads, the Department may base the billing demand on an instantaneous peak load for a period of less than 15 minutes.

For any billing period for which the average power factor at the delivery point is less than ninety percent, the measured demand shall be corrected in accordance with the following formula:

Adjusted Measured Demand = Measured Demand x .90

Average Power Factor

MINIMUM CHARGE

The demand charge as based on the greater of the billing demand, but no less than \$3.00 per billing per kva of connected transformer capacity.

THREE PHASE GENERAL SERVICE (continued)

LOAD RESPONSE (LR)

Where the Department has installed load monitoring or metering equipment with the ability to monitor load shed by the customer during periods the Department deems necessary and has notified the customer. The customer will receive a credit equal to the average LMP for each kwhr shed during the department's request to shed load, this credit will appear in the billing period in which the Department exercises its option to curtail delivery, as long as the agreed upon load shed in KW was shed during the requested time period.

CUSTOMER CHARGE

\$7.50 per billing period.

The cost of providing customer related services such as metering, meter reading and billing. These fixed costs are not affected by the actual amount of electricity you use.

CONNECTION PERIOD

The determination of the appropriate minimum connection period under this rate will be based on the investment required by the SMLD to provide service. This determination will be made by the SMLD prior to the start of service; however, this minimum connection period shall be no less than one year. During this minimum connection period, all billing provisions of this rate, including the minimum charge shall apply.

FARM DISCOUNT

An additional 10% discount is available under this rate for all residential customers that have been properly certified by the Department of Food and Agriculture (DFA) for a one-year period commencing upon their application date with the DFA. If after one year they have not properly recertified themselves with the DFA, they will not be eligible for this rate application.

PURCHASED POWER ADJUSTMENT (PPA)

A purchased power adjustment, either a charge or credit, shall be applied to all kilowatt- hours sold under this rate as provided in the purchased power adjustment.

TRANSMISSION CHARGE ADJUSTMENT (TCA)

A transmission charge adjustment (TCA), applicable to all rate schedules, shall be applied to all kilowatt-hours sold under this rate as provided in the TCA.

TERMS AND CONDITIONS

The SMLD's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

EFFECTIVE

On all bills rendered after June 01, 2013.

**STERLING MUNICIPAL LIGHT DEPARTMENT
LARGE GENERAL SERVICE
R-7-LGS**

MDPU Tariff No. 205

AVAILABILITY

Service under this rate is available to individual commercial and industrial establishments requiring a three-phase connection that receive greater than 100,000 kWhrs per billing period and/or maintains a load factor in excess of 30%. All electricity furnished will be through one service and one meter.

Cost of Service Demand Charge

- \$ 7.50 per Kilowatt (KW) for all KWs of billing demand delivered during the billing period.

Energy Charge

- \$ 0.0410 per kWhr for all kWhrs per billing period.

Distribution Charge

- \$ 0.0484

PRIMARY METERING

Energy metered at 4160 volts and above by the SMLD is available to customers under this rate. A 3 percent monthly discount on the demand charges will be allowed where metering is on the primary side of the transformer. Transformers must be rated at 300 kva total connected capacity or above.

ENERGY MANAGEMENT CREDIT

Option 1: The customer will receive a credit of \$0.0057 per kilowatt hour for every kilowatt hour delivered in excess of the number of kilowatt hours required to maintain a load factor of 30 percent during the billing period.

BILLING DEMAND

The billing demand shall be the highest 15 minute kw measured demand established during the billing period but not less than eighty (80) percent of the maximum measured demand during the preceding eleven months. In case of fluctuating loads, the SMLD may base the billing demand on an instantaneous peak load for a period of less than 15 minutes.

For any billing period that the average power factor at the delivery point is less than ninety percent, the measured demand shall be corrected in accordance with the following formula:

Adjusted Measured Demand = Measured Demand x .90 Average Power Factor.

MINIMUM CHARGE

The demand charge is based on the greater of the billing demand, but no less than \$3.00 per billing per kva of connected transformer capacity.

THREE PHASE GENERAL SERVICE (continued)

LOAD RESPONSE (LR)

Where the SMLD has installed load monitoring or metering equipment with the ability to monitor load shed by the customer during periods that the SMLD deems necessary and has notified the customer. The customer will receive a credit equal to the average LMP for each kwhr shed during the SMLD's request to shed load. This credit will appear in the billing period in which the SMLD exercises its option to curtail delivery, as long as the agreed upon load shed in KW was shed during the requested time period.

CUSTOMER CHARGE

\$16.50 per billing period.

The cost of providing customer related services such as metering, meter reading and billing. These fixed costs are not affected by the actual amount of electricity you use.

CONNECTION PERIOD

The determination of the appropriate minimum connection period under this rate will be based on the investment required by the SMLD to provide service. This determination will be made by the SMLD prior to the start of service; however, this minimum connection period shall be no less than one year. During this minimum connection period, all billing provisions of this rate, including the minimum charge shall apply.

PURCHASED POWER ADJUSTMENT (PPA)

A purchased power adjustment, either a charge or credit, shall be applied to all kilowatt- hours sold under this rate as provided in the purchased power adjustment.

TRANSMISSION CHARGE ADJUSTMENT (TCA)

A transmission charge adjustment (TCA), applicable to all rate schedules, shall be applied to all kilowatt-hours sold under this rate as provided in the TCA.

TERMS AND CONDITIONS

The SMLD's Terms and Conditions in effect may change from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

EFFECTIVE

On all bills rendered after June 01, 2013.

**STERLING MUNICIPAL LIGHT DEPARTMENT
WHOLESALE COMMERCIAL RATE
R8-WCR**

Tariff No. 270

AVAILABILITY

Service under this rate is available to provide wholesale power to National Grid for the special purpose of providing wholesale power to a primary metered installation off of Chace Hill Road in Sterling at the Sterling/Lancaster town line. All wholesale electricity furnished will be through one primary service and one meter.

COST OF SERVICE

Wholesale Demand Charge

- \$6.31 per kW of billing demand during the billing period

Wholesale Energy Charge

- \$0.1149 per kWh for all kWhrs delivered per billing period

BILLING DEMAND

The billing demand shall be the highest 15 minute KW of measured wholesale demand established during the billing period but not less than eighty (80) percent of the maximum measured wholesale demand during the preceding eleven months. In the case of fluctuating loads, the SMLD may base the billing demand on an instantaneous peak load or for a period of less than 15 minutes.

For any billing period for which the average power factor at the delivery point is less than ninety percent, the measured wholesale demand shall be corrected in accordance with the following formula:

Adjusted Measured Wholesale Demand = Measured Wholesale Demand x .90 Average Power Factor

MINIMUM CHARGE

The wholesale demand charge is based on the billing demand.

CONNECTION PERIOD

The determination of the appropriate minimum connection period under this rate will be based on the investment required by the SMLD to provide service. This determination will be made by the SMLD prior to the start of service, however, this minimum connection period shall be no less than one year. During this minimum connection period, all billing provisions of this rate, including the minimum charge, shall apply.

WHOLESALE COMMERCIAL RATE (continued)

WHOLESALE PURCHASED POWER ADJUSTMENT

A wholesale purchased power adjustment, either a credit or charge, shall be applied to all kilowatt hours sold under this rate as provided in the Purchased Power Adjustment Clause, M.D.P.U. #91. The discount does not apply to the purchased wholesale power adjustment charge.

TERMS AND CONDITIONS

The SMLD's Terms and Conditions in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this rate.

EFFECTIVE

On all bills rendered after May 1, 2013