

**The Commonwealth of Massachusetts**

**Return**

**of the**

**Municipal Light Department of**

**the Town of  
WEST BOYLSTON**

**to the**

**Department of Public Utilities**

**of Massachusetts**

**For the Year ended December 31,**

**2015**

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

Official title: Manager

Jonathan Fitch

Office address: 4 Crescent Street

West Boylston, MA 01583

# GOULET, SALVIDIO & ASSOCIATES, P.C.

---

## CERTIFIED PUBLIC ACCOUNTANTS

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

Heather E. Isaacs, CPA  
Tracy I. Vaughan, CPA  
Shawn J. Goulet, EA

The Board of Commissioners  
West Boylston Municipal Lighting Plant  
West Boylston, MA 01583

Management is responsible for the accompanying financial statements of West Boylston Municipal Lighting Plant, which comprise the balance sheet as of December 31, 2015, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on these financial statements.

### Other Matter

The financial statements included in the accompanying prescribed form are intended to comply 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.

Goulet, Salvidio & Associates P.C.

*Goulet, Salvidio & Associates, P.C.*

Worcester, Massachusetts  
March 23, 2016

## TABLE OF CONTENTS

	Page
General Information	3
Schedule of Estimates	4
Customers in each City or Town	4
Appropriations Since Beginning of Year	5
Changes in the Property	5
Bonds	6
Town Notes	7
Cost of Plant	8- 8B
Comparative Balance Sheet	10-11
Income Statement	12
Earned Surplus	12
Cash Balances	14
Materials and Supplies	14
Depreciation Fund Account	14
Utility Plant-Electric	15-17
Production Fuel and Oil Stocks	18
Miscellaneous Nonoperating Income	21
Other Income Deductions	21
Miscellaneous Credits to Surplus	21
Miscellaneous Debits to Surplus	21
Appropriations of Surplus	21
Municipal Revenues	22
Purchased Power	22
Sales for Resale	22
Electric Operating Revenues	37
Sales of Electricity to Ultimate Consumers	38
Electric Operation and Maintenance Expenses	39-42
Taxes Charged During Year	49
Other Utility Operating Income	50
Income from Merchandising, Jobbing and Contract Work	51
Sales for Resale	52-53
Purchased Power (except Interchange)	54-55
Interchange Power	56
Electric Energy Account	57
Monthly Peaks and Output	57
Generating Station Statistics	58-59
Steam Generating Stations	60-61
Hydroelectric Generating Stations	62-63
Combustion Engine and Other Generating Stations	64-65
Generating Statistics (Small Stations)	66
Transmission Line Statistics	67
Substations	68
Overhead Distribution Lines Operated	69
Electric Distribution Services, Meters, and Line Transformers	69
Conduit, Underground Cable and Submarine Cable	70
Streetlamps	71
Rate Schedule Information	79
Signature Page	81

FOR GAS PLANTS ONLY:	Page		Page
Utility Plant - Gas	19-20	Gas Generating Plant	74
Gas Operating Revenues	43	Boilers	75
Sales of Gas to Ultimate Customers	44	Scrubbers, Condensers & Exhausters	75
Gas Operation & Maintenance Expenses	45-47	Purifiers	76
Purchased Gas	48	Holders	76
Sales for Resale	48	Transmission and Distribution Mains	77
Sales of Residuals	48	Gas Distribution Services, House	77
Record of Sendout for the Year in MCF	72-73	Governors and Meters	78

## GENERAL INFORMATION

Page 3

1. Name of town (or city) making report.	West Boylston
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, 64; No, 3 Second vote: Yes, 71; No, 2 Date when town (or city) began to sell gas and electricity,	Electric October 19, 1909 August 3, 1910
3. Name and address of manager of municipal lighting:	Jonathan Fitch 50 Gleason Road Princeton, MA 01541
4. Name and address of mayor or selectmen:	John Hadley Kevin McCormick Siobhan H. Bohnson Christopher Rucho Patrick Crowley
	West Boylston, MA West Boylston, MA West Boylston, MA West Boylston, MA West Boylston, MA
5. Name and address of town (or city) treasurer:	Bonnie Yasick 140 Worcester Street West Boylston, MA 01583
6. Name and address of town (or city) clerk:	Kim Hopewell 25 Lexington Drive West Boylston, MA 01583
7. Names and addresses of members of municipal light board:	Anthony Meola, Jr. William D. Smith Winthrop E. Handy
	West Boylston, MA West Boylston, MA West Boylston, MA
8. Total valuation of estates in town (or city) according to last State valuation (taxable)	\$ 833,283,305
9. Tax rate for all purposes during the year:	Residential Commercial/Industrial/Personal Property \$18.34 \$18.34
10. Amount of manager's salary:	\$132,089
11. Amount of manager's bond:	\$10,000
12. Amount of salary paid to members of municipal light board (each):	\$300

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
	<b>INCOME FROM PRIVATE CONSUMERS:</b>	
1	From sales of gas	
2	From sales of electricity	7,550,000
3		7,550,000
4		
5	<b>EXPENSES</b>	
6	For operation, maintenance and repairs	6,500,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund ( 3 %	11,466,771 as per page 8B)
9	For sinking fund requirements	344,003
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13		6,844,003
14		
15	<b>COST:</b>	
16	Of gas to be used for municipal buildings	
17	Of gas to be used for street lights	
18	Of electricity to be used for municipal buildings	210,000
19	Of electricity to be used for street lights	85,000
20	Total of above items to be included in the tax levy	295,000
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	295,000

**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
		West Boylston	3,552
<b>TOTAL</b>	0	<b>TOTAL</b>	3,552

**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	85,000
2. Municipal buildings	210,000
3.	
	TOTAL _____ 295,000

\* 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	
March 1910 August 2012	June 1910 Sept 2012	14,000 2,000,000	135,000	July 1st	1% - 2.25%	Semi-Annually	1,595,000
	TOTAL	2,014,000			TOTAL		1,595,000

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	
							None
							None
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

<b>TOTAL COST OF PLANT - ELECTRIC</b>							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.				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)	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						
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	0	0	0	0	0	0
	Total Nuclear Production Plant						

## 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						
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

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	2,993					2,993
3	361 Structures and Improvements	17,566					17,566
4	362 Station Equipment	3,185,307	19,748				3,205,055
5	363 Storage Battery Equipment	0					0
6	364 Poles Towers and Fixtures	1,118,022	96,533	(7,818)			1,206,737
7	365 Overhead Conductors and Devices	2,069,154	273,859				2,343,013
8	366 Underground Conduit	209,602					209,602
9	367 Underground Conductors and Devices	239,269					239,269
10	368 Line Transformers	698,589	28,500				727,089
11	369 Services	380,671	18,482				399,153
12	370 Meters	333,393	2,478				335,871
13	371 Installations on Customer's Premises	24,914					24,914
14	372 Leased Prop on Customer's Premises	66,984	194				67,178
15	373 Streetlight and Signal Systems	155,357	44,516				199,873
16	Total Distribution Plant	8,501,821	484,310	(7,818)	0	0	8,978,313
17	5. GENERAL PLANT						
18	389 Land and Land Rights	663,435					663,435
19	390 Structures and Improvements	839,003	5,625				844,628
20	391 Office Furniture and Equipment	459,604	2,915				462,519
21	392 Transportation Equipment	880,266					880,266
22	393 Stores Equipment	7,456					7,456
23	394 Tools, Shop and Garage Equipment	74,643	1,256				75,899
24	395 Laboratory Equipment	46,370					46,370
25	396 Power Operated Equipment	0					0
26	397 Communication Equipment	150,915					150,915
27	398 Miscellaneous Equipment	8,398					8,398
28	399 Other Tangible Property	15,000					15,000
29	Total General Plant	3,145,090	9,796	0	0	0	3,154,886
30	Total Electric Plant in Service	11,646,911	494,106	(7,818)	0	0	12,133,199
31					Total Cost of Electric Plant.....		12,133,199
33					Less Cost of Land, Land Rights, Rights of Way.....		666,428
34					Total Cost upon which Depreciation is based .....		11,466,771
	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.						

PAGE 9 IS A BLANK PAGE

**COMPARATIVE BALANCE SHEET Assets and Other Debits**

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	4,662,189	4,858,373	196,184
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	4,662,189	4,858,373	196,184
6					
7					
8					
9					
10					
11		<b>FUND ACCOUNTS</b>			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	846,093	1,187,371	341,278
14	128	Other Special Funds	3,294,802	3,322,687	27,885
15		Total Funds	4,140,895	4,510,058	369,163
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	4,441,543	4,159,265	(282,278)
18	132	Special Deposits	138,721	139,342	621
19	135	Working Funds	1,800	1,800	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	170,526	157,082	(13,444)
22	143	Other Accounts Receivable	242,492	382,981	140,489
23	146	Receivables from Municipality	0	0	0
24	151	Materials and Supplies (P. 14)	258,131	285,091	26,960
25					
26	165	Prepayments	84,542	150,362	65,820
27	174	Miscellaneous Current Assets	1,638,162	1,542,108	(96,054)
28		Total Current and Accrued Assets	6,975,917	6,818,031	(157,886)
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	973,662	990,507	16,845
33		Total Deferred Debits	973,662	990,507	16,845
34					
35		Total Assets and Other Debits	16,752,663	17,176,969	424,306

**COMPARATIVE BALANCE SHEET Liabilities and Other Credits**

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction	0	0	0
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	14,000	14,000	0
6	207	Appropriations for Construction Repayments	21,935	21,935	0
7	208	Unappropriated Earned Surplus (P. 12)	5,920,474	6,737,881	817,407
8		Total Surplus	5,956,409	6,773,816	817,407
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	1,730,000	1,595,000	(135,000)
11	231	Notes Payable (P. 7)	0	0	0
12		Total Bonds and Notes	1,730,000	1,595,000	(135,000)
13		<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232	Accounts Payable	643,225	658,457	15,232
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	138,721	139,342	621
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	0	0	0
19	242	Miscellaneous Current and Accrued Liabilities	37,757	150,049	112,292
20		Total Current and Accrued Liabilities	819,703	947,848	128,145
21		<b>DEFERRED CREDITS</b>			
22	251	Unamortized Premium on Debt	23,747	21,849	(1,898)
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	1,972,154	1,467,817	(504,337)
25		Total Deferred Credits	1,995,901	1,489,666	(506,235)
26		<b>RESERVES</b>			
27	260	Reserves for Uncollectible Accounts	11,528	11,528	0
28	261	Property Insurance Reserve	0	0	0
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	2,406,353	2,498,453	92,100
31	265	Miscellaneous Operating Reserves	3,832,769	3,860,658	27,889
32		Total Reserves	6,250,650	6,370,639	119,989
33		<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271	Contributions in Aid of Construction			0
35		Total Liabilities and Other Credits	16,752,663	17,176,969	424,306

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.

<b>STATEMENT OF INCOME FOR THE YEAR</b>			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	7,917,038	(442,965)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	6,678,991	(228,993)
5	402 Maintenance Expense	237,215	96,881
6	403 Depreciation Expense	329,416	(200,674)
7	407 Amortization of Property Losses		0
8			
9	408 Taxes (P. 49)		0
10	Total Operating Expenses	7,245,622	(332,786)
11	Operating Income	671,416	(110,179)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	671,416	(110,179)
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	123,218	(1,208)
17	419 Interest Income	55,697	7,051
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	178,915	5,843
20	Total Income	850,331	(104,336)
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization		0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	850,331	(104,336)
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	34,550	(2,025)
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	(1,898)	0
30	431 Other Interest Expense	272	0
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	32,924	(2,025)
33	<b>NET INCOME</b>	817,407	(102,311)
<b>EARNED SURPLUS</b>			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		5,920,474
35			
36			
37	433 Balance Transferred from Income		817,407
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	0	
40	436 Appropriations of Surplus (P. 21)	0	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	6,737,881	
43			
44	<b>TOTALS</b>	6,737,881	6,737,881

CASH BALANCES AT END OF YEAR		
Line No.	Items (a)	Amount (b)
1	Operation Fund	4,159,265
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
	<b>TOTAL</b>	<b>4,159,265</b>

**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	285,091	0

**DEPRECIATION FUND ACCOUNT (Account 126)**

Line No.	(a)	Amount (b)
24	<b>DEBITS</b>	
25	Balance of account at beginning of year	846,093
26	Income during year from balance on deposit (interest)	4,724
27	Amount transferred from income (depreciation)	336,554
28		
29		<b>TOTAL</b> 1,187,371
30	<b>CREDITS</b>	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	
32	Amounts expended for renewals,viz:-	
33	Power Contract Settlement	
34	Transfers	
35		
36		
37		
38		
39	Balance on hand at end of year	1,187,371
40		<b>TOTAL</b> 1,187,371

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		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						
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						
23	Total Nuclear Production 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	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						
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	2,993	0	0		0	2,993
3	361 Structures and Improvements	0	0	0		0	0
4	362 Station Equipment	2,561,962	19,748	126,062		0	2,455,648
5	363 Storage Battery Equipment	0	0	0		0	0
6	364 Poles Towers and Fixtures	40,857	96,533	33,541		0	103,849
7	365 Overhead Conductors and Devices	544,715	273,859	62,075		0	756,499
8	366 Underground Conduit	0	0	0		0	0
9	367 Underground Conductors and Devices	0	0	0		0	0
10	368 Line Transformers	24,344	28,500	20,958		0	31,886
11	369 Services	8,845	18,482	8,845		0	18,482
12	370 Meters	524	2,478	524		0	2,478
13	371 Installations on Customer's Premises	0	0	0		0	0
14	372 Leased Prop on Customer's Premises	1,412	194	1,412		0	194
15	373 Streetlight and Signal Systems	1,549	44,516	1,549		0	44,516
16	Total Distribution Plant	3,187,201	484,310	254,966	0	0	3,416,545
17	5. GENERAL PLANT						
18	389 Land and Land Rights	663,435	0	0		0	663,435
19	390 Structures and Improvements	448,972	5,625	31,790		0	422,807
20	391 Office Furniture and Equipment	30,516	2,915	13,788		0	19,643
21	392 Transportation Equipment	323,182	0	26,409		0	296,773
22	393 Stores Equipment	1,063	0	224		0	839
23	394 Tools, Shop and Garage Equipment	7,820	1,256	2,239		0	6,837
24	395 Laboratory Equipment	0	0	0		0	0
25	396 Power Operated Equipment	0	0	0		0	0
26	397 Communication Equipment	0	0	0		0	0
27	398 Miscellaneous Equipment	0	0	0		0	0
28	399 Other Tangible Property	0	0	0		0	0
29	Total General Plant	1,474,988	9,796	74,450	0	0	1,410,334
30	Total Electric Plant in Service	4,662,189	494,106	329,416	0	0	4,826,879
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	0	31,494	0			31,494
34	Total Utility Plant Electric	4,662,189	525,600	329,416	0	0	4,858,373

## 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						
8						
9						
10						
11	Sold or Transferred	0				
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		
	<b>TOTAL</b>	<b>0</b>

**OTHER INCOME DEDUCTIONS (Account 426)**

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14		
	<b>TOTAL</b>	<b>0</b>

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

Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23		
	<b>TOTAL</b>	<b>0</b>

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

Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32		
	<b>TOTAL</b>	<b>0</b>

**APPROPRIATIONS OF SURPLUS (Account 436)**

Line No.	Item (a)	Amount (b)
33		
34		
35		
36		
37		
38		
39		
40		
	<b>TOTAL</b>	<b>0</b>

<b>MUNICIPAL REVENUES (Account 482,444)</b> (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					
			<b>TOTALS</b>		
		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)	2,434,507	362,423	0.1489
6					
7					
8					
9					
10					
11					
12					
13	444-1				
14		Street Lighting			
15					
16					
17					
18					
19					

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.		<b>ELECTRIC OPERATING REVENUES (Account 400)</b>					
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)	<b>Operating Revenues</b>		<b>Kilowatt-hours Sold</b>		<b>Average Number of Customers per Month</b>	
		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	<b>SALES OF ELECTRICITY</b>						
2	440 Residential Sales	3,412,374	(28,088)	26,402,536	618,588	3,014	10
3	Net Solar			0	0	0	(3)
4	442 Commercial and Industrial Sales	3,321,030	(234,248)	22,962,288	(2,647,857)	483	1
5	Small Commercial B Sales						
6	Large Commercial C Sales						
7	Small Government Sales	55,579	19,267	327,247	163,912	18	1
8	Large Government Sales	680,519	191,893	4,893,780	1,820,640	4	0
9	444 Municipal Sales	447,536	55,747	3,028,145	362,953	47	0
10	445 Other Sales to Public Authorities		0		0		0
11	446 Sales to Railroads and Railways		0		0		0
12	448 Interdepartmental Sales		0		0		0
13	449 Miscellaneous Sales		0		0		0
14	<b>Total Sales to Ultimate Consumers</b>	7,917,038	4,571	57,613,996	318,236	3,566	9
15	447 Sales for Resale	0	0	0	0	0	0
16	<b>Total Sales of Electricity*</b>	7,917,038	(442,965)	57,613,996	318,236	3,566	9
17	<b>OTHER OPERATING REVENUES</b>						
18	450 Forfeited Discounts	0	0				
19	451 Miscellaneous Service Revenues	0	0				
20	453 Sales of Water and Water Power	0	0				
21	454 Rent from Electric Property	0	0				
22	455 Interdepartmental Rents	0	0				
23	456 Other Electric Revenues	0	0				
24							
25							
26							
27							
28	Total Other Operating Revenues	0	0				
29	Total Electric Operating Revenue	7,917,038	(442,965)				

\* Includes revenues from application of fuel clauses \$ (531,361)

Total KWH to which applied

55,802,542

**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	26,402,536	3,412,374	0.1292	3,009	3,014
2							
3	442.000	Commercial SC & WH	6,721,453	1,101,486	0.1639	428	424
4	442.000	Commercial LC	10,444,166	1,411,483	0.1351	35	38
5	442.000	Commercial PL	274,664	70,873	0.2580	10	10
6							
7	442.000	Total Commercial	17,440,283	2,583,842	0.1482	473	472
8							
9	442.000	Industrial	5,522,005	737,188	0.1335	11	11
10							
11	442.000	Total Industrial	5,522,005	737,188	0.1335	11	11
12							
13	444.000	Municipal Street Light	593,638	85,113	0.1434	1	1
14	444.000	Municipal Others	2,434,507	362,423	0.1489	46	46
15							
16	444.000	Total Municipal	3,028,145	447,536	0.1478	47	47
17							
18		Small Govt	327,247	55,579		18	18
19		Large Govt	4,893,780	680,519		4	4
20							
21		Total Govt	5,221,027	736,098		22	22
		TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)	57,613,996	7,917,038	0.1374	3,562	3,566

**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	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
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	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	<b>NUCLEAR POWER GENERATION</b>		
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	<b>HYDRAULIC POWER GENERATION</b>		
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	<b>HYDRAULIC POWER GENERATION - Continued</b>		
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	<b>OTHER POWER GENERATION</b>		0
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	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	4,300,951	(245,315)
27	556 System control and load dispatching	187,503	(45,319)
28	557 Other expenses	4,488,454	(290,634)
29	Total other power supply expenses	4,488,454	(290,634)
30	Total power production expenses		
31	<b>TRANSMISSION EXPENSES</b>		
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	962,303	71,476
39	566 Miscellaneous transmission expenses		0
40	567 Rents		0
41	Total Operation	962,303	71,476
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures		
45	570 Maintenance of station equipment		
46	571 Maintenance of overhead lines		
47	572 Maintenance of underground lines		
48	573 Maintenance of miscellaneous transmission plant		
49	Total maintenance	0	0
50	Total transmission expenses	962,303	71,476

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	10,052	408
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	64,749	9,464
6	583 Overhead line expenses	123,159	12,300
7	584 Underground line expenses	7,551	4,095
8	585 Street lighting and signal system expenses	11,505	(9,796)
9	586 Meter expenses	2,295	(39,695)
10	587 Customer installations expenses	6,035	2,124
11	588 Miscellaneous distribution expenses	0	0
12	589 Rents		0
13	Total operation	225,346	(21,100)
14	Maintenance:		
15	590 Maintenance supervision and engineering		0
16	591 Maintenance of structures	13,489	10,531
17	592 Maintenance of station equipment	8,006	229
18	593 Maintenance of overhead lines	182,877	67,270
19	594 Maintenance of underground lines	12,958	411
20	595 Maintenance of line transformers	0	0
21	596 Maintenance of street lighting and signal systems	0	0
22	597 Maintenance of meters	864	523
23	598 Maintenance of miscellaneous distribution plant	19,021	17,917
24	Total maintenance	237,215	96,881
25	Total distribution expenses	462,561	75,781
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	6,025	(7,942)
30	903 Customer records and collection expenses	172,066	3,548
31	904 Uncollectible accounts	7,979	(4,616)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	186,070	(9,010)
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision		0
37	912 Demonstrating and selling expenses		0
38	913 Advertising expenses		0
39	916 Miscellaneous sales expenses	320	320
40	Total sales expenses	320	320
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	130,495	5,797
44	921 Office supplies and expenses	47,787	(5,151)
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	61,530	(36,811)
47	924 Property insurance	0	0
48	925 Injuries and damages	48,540	143
49	926 Employee pensions and benefits	463,173	70,024
50	928 Regulatory commission expenses		0
51	929 Store Expense		0
52	930 Miscellaneous general expenses	64,973	(14,047)
53	931 Rents		0
54	Total operation	816,498	19,955

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES - Cont.</b>		
2	Maintenance:		
3	932 Maintenance of general plant	0	0
4	Total administrative and general expenses	816,498	19,955
5	Total Electric Operation and Maintenance Expenses	6,916,206	(132,112)

**SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	<b>Power Production Expenses</b>			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	4,488,454	0	4,488,454
13	Total power production expenses	4,488,454		4,488,454
14	Transmission Expenses	962,303		962,303
15	Distribution Expenses	225,346	237,215	462,561
16	Customer Accounts Expenses	186,070		186,070
17	Sales Expenses	320		320
18	Administrative and General Expenses	816,498	0	816,498
19	Total Electric Operation and Maintenance Expenses	6,678,991	237,215	6,916,206

21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%))	91.52%
	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.	780,072
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)	9



<b>OTHER UTILITY OPERATING INCOME (Account 414)</b>					
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					
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					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

<b>INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)</b>					
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,				
3	allowances and returns				
4	Contract work	123,218			123,218
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	123,218	0	0	123,218
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major classes of cost)				
16	Jobbing/Contract Costs				
17	Materials				
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	0	0	0
51	Net Profit (or loss)	123,218	0	0	123,218

### 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

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. (q)
		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
	TOTALS:		0			0		33

**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 Nonutilites, (4) Other Nonutilties, (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. (p)
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n) **	Total (o)		
60 MINUTES	115 kv	2,910,557	21,346	14,320	57,408	93,074	0.0320	1
60 MINUTES	115 kv	53,483	71,718	10,463	3,765	85,946	1.6070	2
60 MINUTES	115 kv	2,746,027	354,543	208,954	3,073	566,570	0.2063	3
60 MINUTES	115 kv	209,739	6,697	1,400	17	8,114	0.0387	4
60 MINUTES	115 kv	2,320,221	69,033	15,553	1,671	86,257	0.0372	5
60 MINUTES	115 kv	6,113,482	445,224	41,089	4,402	490,715	0.0803	6
60 MINUTES	115 kv	11,949,511	736,086	79,689	954	816,729	0.0683	7
60 MINUTES	115 kv	749,292	49,171	5,016	60	54,247	0.0724	8
60 MINUTES	115 kv	4,297,926	369,505	28,691	343	398,539	0.0927	9
					28,908	28,908	N/A	11
				1,416		1,416	N/A	13
60 MINUTES	115 kv	874,505		46,174	141	46,315	N/A	14
					870,466	870,466	N/A	15
		15,431,850		1,233,448		1,233,448	0.0799	16
60 MINUTES	115 kv	450,298			115,152	115,152	0.2557	17
60 MINUTES	115 kv	2,655,935			224,171	224,171	0.0844	18
					(28,146)	(28,146)		19
					27,890	27,890		20
					(84,353)	(84,353)		21
					56,247	56,247		22
					76,923	76,923		23
					(3,870)	(3,870)		24
					(227,563)	(227,563)		25
								26
								27
								28
	<b>TOTALS:</b>	<b>50,762,826</b>	<b>2,124,739</b>	<b>1,684,797</b>	<b>1,127,659</b>	<b>4,937,195</b>		<b>29</b>

## 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	NEPEX				60,401,590	53,074,310	7,327,280	513,562
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	60,401,590	53,074,310	7,327,280	513,562

## B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE NEPOOL EXPENSE	408,032
14			105,530
15			
16			
17			
18			
19			
20			
21		TOTAL	513,562

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					50,762,826
9	( In (gross)					0
10	< Out (gross)					7,327,280
11	( Net (Kwh)					7,327,280
12	( Received					0
13	< Delivered					0
14	( Net (Kwh)					0
15	<b>TOTAL</b>					<b>58,090,106</b>
16	DISPOSITION OF ENERGY					
17	Sales to ultimate consumers (including interdepartmental sales)					57,613,996
18	Sales for resale					0
19	Energy furnished without charge					0
20	Energy used by the company (excluding station use):					
21	Electric department only					157,323
22	Energy losses					
23	Transmission and conversion losses					0.00%
24	Distribution losses					0.55%
25	Unaccounted for losses					
26	Total energy losses					318,787
27	Energy losses as percent of total on line 15					0.55%
28	<b>TOTAL</b>					<b>58,090,106</b>

**MONTHLY PEAKS AND OUTPUT**

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

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and 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.

**Town of WEST BOYLSTON**

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	5,716,997	Thursday	8-Jan	6pm	60 min	5,685,223
30	February	5,395,233	Monday	16-Feb	7pm	60 min	5,365,248
31	March	5,231,009	Tuesday	3-Mar	7pm	60 min	5,201,936
32	April	4,285,068	Thursday	2-Apr	8am	60 min	4,261,252
33	May	4,397,213	Thursday	28-May	3pm	60 min	4,372,775
34	June	4,585,223	Tuesday	23-Jun	3pm	60 min	4,559,750
35	July	5,368,381	Thursday	30-Jul	3pm	60 min	5,338,545
36	August	5,394,920	Tuesday	18-Aug	2pm	60 min	5,364,937
37	September	4,734,593	Tuesday	8-Sep	4pm	60 min	4,708,279
38	October	4,193,265	Sunday	18-Oct	7pm	60 min	4,169,960
39	November	4,298,034	Monday	30-Nov	7pm	60 min	4,274,147
40	December	4,814,813	Tuesday	29-Dec	6pm	60 min	4,788,054
41						<b>TOTAL</b>	<b>58,090,106</b>

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

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								
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								
42								
43								
44								
45								
46								
47			TOTALS		0		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	Denton-Lowell Substation	Distribution Unattended	13.8	4.16 kv		18,000	0	None			
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						TOTALS	18,000	0	0		

## OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	94.92		94.92
2	Added During Year	0.04		0.04
3	Retired During Year	(0.34)		(0.34)
4	Miles -- End of Year	94.62	0.00	94.62
5	*			
6				
7				
8	Distribution System Characteristics - AC, 3 Phase, 60 cycles and 13800/7970 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:	3,547	3,596	1,015	48,520
17	Additions during year				
18	Purchased	0	0	10	1,163
19	Installed	15	0	0	
20	Associated with utility plant acquired				
21	Total Additions	15	0	10	1,163
22	Reductions during year:				
23	Retirements	0	(82)	0	
24	Associated with utility plant sold				
25	Total Reductions	0	(82)	0	0
26	Number at end of year	3,562	3,678	1,025	49,683
27	In stock		126	54	4,663
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		3,552	968	44,456
31	In company's use		0	3	564
32	Number at end of year		3,678	1,025	49,683

\*

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 *	Operating Voltage (d)	Feet *	Operating Voltage (f)
1	West Boylston	16412.000	0.000	0.00	0	0
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						
49	TOTALS	16412.000	0.00	0	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	West Boylston	1,044	0	0	68	0	104	0	872	0
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										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	1044	0	0	68	0	104	0	872	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
		No Rate Changes in 2015		

**THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY**

Mayor

Jonathan Fitch

## Manager of Electric Light

Anthony Meola Jr.

## Chairman

William D. Smith

### Vice Chairman

Winthrop E. Handy

## Secretary

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

## INDEX

	Page
Appropriations of Surplus	21
Appropriations Since Beginning of Year	5
Bonds	6
Cash Balances	14
Changes in the Property	5
Combustion Engine and Other Generating Stations	64-65
Comparative Balance Sheet	10-11
Conduit, Underground Cable and Submarine Cable	70
Cost of Plant	8- 8B
Customers in each City or Town	4
Depreciation Fund Account	14
Earned Surplus	12
Electric Distribution Services, Meters, and Line Transformers	69
Electric Energy Account	57
Electric Operating Revenues	37
Electric Operation and Maintenance Expenses	39-42
General Information	3
Generating Station Statistics	58-59
Generating Statistics (Small Stations)	66
Hydroelectric Generating Stations	62-63
Income from Merchandising, Jobbing and Contract Work	51
Income Statement	12
Interchange Power	56
Materials and Supplies	14
Miscellaneous Credits to Surplus	21
Miscellaneous Debits to Surplus	21
Miscellaneous Nonoperating Income	21
Monthly Peaks and Output	57
Municipal Revenues	22
Other Income Deductions	21
Other Utility Operating Income	50
Overhead Distribution Lines Operated	69
Production Fuel and Oil Stocks	18
Purchased Power	22
Purchased Power Detailed (except Interchange)	54-55
Rate Schedule Information	79
Sales for Resale	22
Sales for Resale Detailed	52-53
Sales of Electricity to Ultimate Consumers	38
Schedule of Estimates	4
Signature Page	81
Steam Generating Stations	60-61
Streetlamps	71
Substations	68
Taxes Charged During Year	49
Town Notes	7
Transmission Line Statistics	67
Utility Plant-Electric	15-17

FOR GAS PLANTS ONLY:		Page	Page
Boilers	75	Purifieers	76
Gas Distribution Services, House		Record of Sendout for the Year in MCI	72-73
Governors and Meters	78	Sales for Resale	48
Gas Generating Plant	74	Sales of Gas to Ultimate Customers	44
Gas Operating Revenues	43	Sales of Residuals	48
Gas Operation & Maintenance Expenses	45-47	Scrubbers, Condensers & Exhausters	75
Holders	76	Transmission and Distribution Mains	77
Purchased Gas	48	Utility Plant - Gas	19-20