



The Commonwealth of Massachusetts

**RETURN
OF THE
MANSFIELD LIGHTING PLANTS**

TOWN OF MANSFIELD

TO THE

**DEPARTMENT OF
PUBLIC UTILITIES**

OF MASSACHUSETTS

For the Year Ended December 31,

2013

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

Official Title: Director

Gary Babin
Office Address: **6 Park Row
Mansfield, MA 02048**

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GENERAL INFORMATION

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1. Name of town (or city) making this report.	Mansfield
2. If the town (or city) has acquired a plant, Kind of plant, whether gas or electric.	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. June 25, 1903	
Record of votes: First Vote - 4 Yes,; 1 No	
Date when town (or city) began to sell electricity, 1903	
3. Name and address of manager of municipal lighting:	
William Ross, Mgr. 6 Lauren Lane Mansfield, MA 02048	
4. Name and address of mayor or selectmen	
Douglas Annino 151 Tremont Street Mansfield, MA 02048	
Jess Aptowitz 30 Fieldstone Drive Mansfield, MA 02048	
George Dentino 2 Gladiola Terrace Mansfield, MA 02048	
Olivier Kozlowski 22 Tracy Circle Mansfield, MA 02048	
Kevin Moran 350 Central Street Mansfield, MA 02048	
5. Name and address of town (or city) treasurer:	
Jacqueline Boudreau 285 East Main Street Apt 8 Norton, MA 02766	
6. Name and address of town (or city) clerk:	
Marianne Staples 80 Reservoir Street Mansfield, MA 02048	
7. Names and addresses of members of municipal light board:	
Same as Selectmen	
8. Total valuation of estates in town (or city) according to last state valuation (taxable)	\$3,038,051,132
9. Tax rate for all purposes during the year: Residential	\$15.77
Commercial, Industrial and Personal Property	\$20.45
10. Amount of manager's salary:	
William Ross - Mgr Part time	\$10,000
Gary Babin - Director	\$136,631
11. Amount of manager's bond:	\$0
12. Amount of salary paid to members of municipal light board (each)	\$0

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

INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS.....	
2	FROM SALE OF ELECTRICITY	30,014,170
3	FROM RATE STABILIZATION FUND.....	0
4		
	TOTAL	30,014,170
5	Expenses:	
6	For operation, maintenance and repairs.....	24,939,056
7	For interest on bonds, notes or scrip.....	
8	For depreciation fund (5% on \$ 49,734,851 as per page 8B).....	2,486,743
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	
12	For loss in preceding year.....	
13		
	TOTAL	27,425,798
14		
15	Cost:	
16	Of gas to be used for municipal buildings.....	
17	Of gas to be used for street lights.....	
18	Of electricity to be used for municipal buildings.....	710,134
19	Of electricity to be used for street lights.....	70,796
20	Total of the above items to be included in the tax levy.....	780,930
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	780,930

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers' Meters, December 31.	City or Town	Number of Customers' Meters, December 31.
	NONE	Mansfield	9,715
		TOTAL	9,715

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	19	, to be paid from {	\$	
* At	meeting	19	, to be paid from {	\$	

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

1. Street Lights.....	\$	70,796
2. Municipal Buildings.....		710,134
	\$	780,930

*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: NONE

In gas property:

BONDS

(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
	None						
	Total	\$0.00	\$0.00				0.00

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bond and notes are repaid, report the first three columns only.

*Date of meeting and whether regular or special

TOTAL COST OF PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Balance End of Year (g)	
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	313,205				313,205	
3	361 Structures and Improvements	631,137	9,796			640,933	
4	362 Station Equipment	15,163,340	206,000			15,369,340	
5	363 Storage Battery Equipment	1,737,566	194,036			1,931,602	
6	364 Poles, Towers and Fixtures	1,381,582	47,751	0		1,429,333	
7	365 Overhead Conductors and Devices	6,589,188	148,359			6,737,547	
8	366 Underground Conduits	4,405,268	102,491			4,507,759	
9	367 Underground Conductors & Devices	7,199,912	570,552			7,770,464	
10	368 Line Transformers	3,224,568	33,128	0		3,257,696	
11	369 Services	1,000,101	11,745			1,011,846	
12	370 Meters	1,268,355	107,108	0		1,375,463	
13	371 Installation on Cust's Premises	0	0			0	
14	372 Leased Prop. on Cust's Premises	189,461	2,751			192,212	
15	373 Street Light and Signal Systems	814,458	20,263			834,721	
16	Total Distribution Plant	43,918,141	1,453,980	0	0	0	
17	5. GENERAL PLANT						
18	389 Land and Land rights	0				0	
19	390 Structures and Improvements	1,394,135	425			1,394,560	
20	391 Office Furniture and Equipment	439,697	399			440,096	
21	392 Transportation Equipment	1,781,003	241			1,781,244	
22	393 Stores Equipment	31,385	400			31,785	
23	394 Tools, Shop and Garage Equipment	411,799	17,409			429,208	
24	395 Laboratory Equipment	23,223	1,185			24,408	
25	396 Power Operated Equipment	27,432	0			27,432	
26	397 Communication Equipment	78,645	0			78,645	
27	398 Miscellaneous Equipment	110,484	0			110,484	
28	399 Other Tangible Property	174,989	1,152			176,141	
29	Total General Plant	4,472,792	21,211	0	0	0	
30	Total Electric Plant in Service	48,390,933	1,475,190	0	0	0	
31	TOTAL COST OF PLANT.....						
32							
33	Less Cost of Land, Land Rights, and Rights of Way						313,205
34	Total Cost upon which depreciation is based						49,552,918

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant -Electric.....	23,535,048	22,999,498	(535,550)
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....			
5	Total Utility Plant.....	23,535,048	22,999,498	(535,550)
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	2,375,640	3,075,941	700,301
14	128 Other Special Funds.....	1,647,060	1,656,377	9,317
15	Total Funds.....	4,022,700	4,732,318	709,618
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	7,949,913	9,940,419	1,990,505
18	132 Special Deposits.....	868,507	919,950	51,443
19	132 Working Funds.....			0
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	3,049,573	2,760,816	(288,758)
22	143 Other Accounts Receivable.....	82,217	67,094	(15,123)
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	632,845	622,822	(10,023)
25				
26	165 Prepayments.....	2,183,594	2,602,403	418,809
27	174 Miscellaneous Current Assets	12,637	12,637	0
28	Total Current and Accrued Assets...	14,779,287	16,926,140	2,146,853
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....			
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....			
33	Total Deferred Debits.....			
34				
35	Total Assets and Other Debits.....	42,337,035	44,657,956	2,320,921

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction.....			
3	SURPLUS			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....			
6	207 Appropriations for Construction Repayment..	57,239	57,239	(0)
7	208 Unappropriated Earned Surplus (P. 12).....	37,415,122	38,984,545	1,569,423
8	Total Surplus.....	37,472,361	39,041,784	1,569,423
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....			
11	231 Notes Payable (P 7).....			
12	Total Bonds and Notes.....			
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	1,339,911	2,311,621	971,710
15	234 Payables to Municipality.....			0
16	235 Customer Deposits.....	870,049	935,084	65,035
17	236 Taxes Accrued.....	59,666	65,121	5,455
18	237 Interest Accrued.....			0
19	242 Miscellaneous Current and Accrued Liabilities	707,812	408,628	(299,184)
20	Total Current and Accrued Liabilities...	2,977,438	3,720,454	743,016
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....			
25	Total Deferred Credits			
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....	240,176	239,341	(835)
28	261 Property Insurance Reserve.....			0
29	262 Injuries and Damages Reserves.....			0
30	263 Pensions and Benefits.....			0
31	265 Miscellaneous Operating Reserves.....	1,647,060	1,656,377	9,317
32	Total Reserves.....	1,887,236	1,895,718	8,482
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....			
35	Total Liabilities and Other Credits	42,337,035	44,657,956	2,320,921

State below if any earnings of the Municipal Lighting Plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

--

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
OPERATING INCOME			
1			
2	400 Operating Revenue (P. 37 and P. 43)	29,978,959	2,521,718
3	Operating Expenses:		
4	401 Operation Expense (P.42).....	23,803,209	751,261
5	402 Maintenance Expense (P. 42).....	1,135,847	(7,138)
6	403 Depreciation Expense	2,010,342	336,152
7	407 Amortization of Property Losses.....		
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses.....	26,949,398	1,080,275
11	Operating Income.....	3,029,561	1,441,443
12	414 Other Utility Operating Income (P.50).....		
13			
14	Total Operating Income.....	3,029,561	1,441,443
OTHER INCOME			
15			
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	155,413	34,504
17	419 Interest Income.....	21,908	(10,465)
18	421 Miscellaneous Income.....	41,123	(22,329)
19	Total Other Income.....	218,444	1,710
20	Total Income.....	3,248,005	1,443,153
MISCELLANEOUS INCOME DEDUCTIONS			
21			
22	425 Miscellaneous Amortization.....		
23	426 Other Income Deductions.....	1,392,919	(138,132)
24	Total Income Deductions.....	1,392,919	(138,132)
25	Income before Interest Charges.....	1,855,087	1,581,286
INTEREST CHARGES			
26			
27	427 Interest on Bonds and Notes.....		
28	428 Amortization of Debt Discount and Expense.....		
29	429 Amortization of Premium on Debt.....		
30	431 Other Interest Expense.....	1,226	(84)
31	432 Interest Charged to Construction-Credit.....		
32	Total Interest Charges	1,226	(84)
33	Net Income.....	1,853,861	1,581,370
EARNED SURPLUS			
Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		37,434,361
35			
36			
37	433 Balance transferred from Income.....		1,853,861
38	434 Miscellaneous Credits to Surplus.....		181,514
39	435 Miscellaneous Debits to Surplus.....	5,190	
40	436 Appropriations of Surplus (P.21).....	480,000	
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	38,984,545	
43			
44	TOTALS	39,469,735	39,469,735

CASH BALANCES AT END OF YEAR (Account 131)		
Line No.	Items (a)	Amount (b)
1	Operation Fund.....	9,940,094
2	Interest Fund.....	
3	Bond Fund.....	
4	Construction Fund.....	
5	Petty Cash Fund	325
6	Other Post Employment Benefits Fund	0
7		
8		
9		
10		
11		
12	TOTAL	9,940,419

**MATERIALS AND SUPPLIES (Account 151-159, 163)
Summary per Balance Sheet**

Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25).....		
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	606,133	
17	Merchandise (Account 155).....		
18	Other Materials and Supplies (Account 156).....		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159).....		
22	Stores Expense (Account 163).....	16,689	
23	Total per Balance Sheet	622,822	

Depreciation Fund Account (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of Account at Beginning of Year.....	2,375,640
26	Income During Year from Balance on Deposit.....	5,722
27	Amount Transferred from Income.....	1,930,486
28	TOTAL	4,311,848
29		
30	CREDITS	
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)	1,235,907
32	Amounts Expended for Renewals.....	
33	Adjustment	
34		
35		
36		
37		
38		
39	Balance on Hand at End of Year.....	3,075,941
40	TOTAL	3,075,941

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						\$0.00
10	D. Other Production Plant						
11	340 Land and Land Rights.....						
12	341 Structures and Improvements.....						
13	342 Fuel Holders,Producers and Accessories.....						
14	343 Prime Movers.....						
15	344 Generators						
16	345 Accessory Electric Equipment.....						
17	346 Miscellaneous Power Plant Equipment.....						
18	Total Other Production Plant						\$0.00
19	Total Production Plant						\$0.00
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights.....						
22	351 Clearing Land and Rights of Way..						
23	352 Structures and Improvements..						
24	353 Station Equipment.....						
25	354 Towers and Fixures						
26	355 Poles and Fixtures.....						
27	356 Overhead Conductors and Device..						
28	357 Underground Conduits.....						
29	358 Underground Conductors and Devices.....						
30	359 Roads and Trails.....						
31	Total Transmission Plant						\$0.00

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.....	313,205					313,205
3	361 Structures and Improvements.....	210,625	9,796	31,941			188,480
4	362 Station Equipment.....	9,130,036	206,000	615,375			8,720,661
5	363 Storage Battery Equipment.....	1,393,689	194,036	85,857			1,501,868
6	364 Poles and Fixtures.....	401,472	47,751	35,965			413,258
7	365 Overhead Conductors and Devices...	3,687,079	148,359	147,546			3,687,892
8	366 Underground Conduits.....	2,561,804	102,491	217,844			2,446,451
9	367 Underground Conductors and Devices	3,327,018	570,552	373,269			3,524,302
10	368 Line Transformers.....	214,256	33,128	161,306			86,078
11	369 Services.....	71,174	11,745	49,906			33,012
12	370 Meters.....	428,895	107,108	49,670			486,333
13	371 Installation on Cust's Premises....	0					0
14	372 Leased Prop. on Cust's Premises....	3,859	2,751	6,992			(382)
15	373 Street Light and Signal Systems.....	2,110	20,263	34,295			(11,922)
16	Total Distribution Plant	21,745,222	1,453,980	1,809,965	0	0	21,389,237
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....	0					0
19	390 Structures and Improvements.....	598,993	425	69,719			529,699
20	391 Office Furniture and Equipment.....	777	399	1,176			0
21	392 Transportation Equipment.....	856,925	241	88,133			769,033
22	393 Stores Equipment.....	17,254	400	1,599			16,055
23	394 Tools, Shop and Garage Equipment...	194,020	17,409	20,897			190,533
24	395 Laboratory Equipment.....	10,206	1,185	1,245			10,146
25	396 Power Operated Equipment.....	0		0			0
26	397 Communication Equipment.....	7,942		3,603			4,339
27	398 Miscellaneous Equipment.....	67,971		5,560			62,411
28	399 Other Tangible Property.....	35,338	1,152	8,445			28,045
29	Total General Plant	1,789,426	21,211	200,376	0	0	1,610,260
30	Total Electric Plant in Service	23,534,648	1,475,190	2,010,342	0	0	22,999,498
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....	0					0
34	108 Accumulated Depreciation						
	Total Utility Electric Plant	23,534,648	1,475,190	2,010,342	0	0	22,999,498

**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	0.00				
2	Received During Year	0.00				
3	TOTAL	0.00				
4	Used During Year (Note A)	0.00				
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0.00				
13	BALANCE END OF YEAR	0.00				

Line No.	Item (g)	Kinds of Fuel and Oil -- Continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

Annual Report of Mansfield		21
		Year Ended December 31, 2013
MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Misc. Non-operating Revenue	18,220
2	Reclassification of Stores Expenses	22,903
3		
4		
5		
6	TOTAL	41,123
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Donations	3,827
8	Energy Rebates	51,125
9	Discounts Allowed	1,337,966
10		
11		
12		
13		
14	TOTAL	1,392,919
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	Flush of Funds Credit from MMWEC	181,514
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	181,514
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Retirement of Plant Equipment	5,190
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	5,190
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Town of Mansfield - Payment in Lieu of Taxes	480,000
34		
35		
36		
37		
38		
39		
40	TOTAL	480,000

MUNICIPAL REVENUES (Accounts 482,444)
(K.W.H. Sold under the Provision of Chapter 269, Acts of 1927)

Line No.	Acct No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue per M.C.F. [\$0.0000] (d)
1					
2					
3					
4		TOTALS			

Line No.	Acct No.	Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [\$0.0000] (d)
5					
6	444	Municipal Buildings	8,295,956	1,081,322	0.1303
7					
8		TOTALS	8,295,956	1,081,322	0.1303
9	444	Street Lighting	827,060	109,798	0.1328
10					
11		TOTALS	827,060	109,798	0.1328
12					
13					
14					
15					
16					
17					
18					
19		TOTALS	9,123,016	1,191,121	0.1306

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Cost per K.W.H. cents [0.0000] (e)
20					
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS			

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (c)	Revenues per K.W.H. [cents] [0.0000] (e)
30					
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS			

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 number of meters, plus number of flat rate accounts, except that where separate meter readings are

added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
 5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 Kw of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales.....	11,420,064	1,494,488	81,134,451	1,630,450	8,621	58
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5.....	881,508	119,983	4,968,032	42,200	568	5
5	Large (or Industrial) see instr. 5.....	16,521,478	1,208,768	113,683,963	(4,113,398)	406	(4)
6	444 Municipal Sales (P.22)	1,191,120	244,918	9,123,016	981,837	97	4
7	445 Other Sales to Public Authorities.....						
8	446 Sales to Railroads and Railways.....						
9	448 Interdepartmental Sales.....						
10	449 Miscellaneous Electric Sales.....						
11	Total Sales to Ultimate Consumers.....	30,014,170	3,068,157	208,909,462	(1,458,911)	9,692	63
12	447 Sales for Resale.....						
13	Total Sales of Electricity*.....	30,014,170	3,068,157	208,909,462	(1,458,911)	9,692	63
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts.....						
16	451 Miscellaneous Service Revenues.....	(35,211)	(546,439)				
17	453 Sales of Water and Water Power.....						
18	454 Rent from Electric Property.....						
19	455 Interdepartmental Rents.....						
20	456 Other Electric Revenues.....						
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues.....						
26	Total Electric Operating Revenues.	29,978,959	2,521,718				

*Includes revenues from application of fuel clauses
 Total KWH to which applied

208,909,462

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered)		
						July 31 (e)	December 31 (f)	
1	440	Residential	81,134,451	11,420,064	0.1408	8,590	8,622	
2								
3								
4								
5	442	Commercial	4,968,032	881,508	0.1774	568	567	
6		Industrial	113,683,963	16,521,478	0.1453	408	408	
7								
8								
9								
10	444	Municipal Building	8,295,956	1,081,322	0.1303	97	97	
11		Street Lighting	827,060	109,798	0.1328	21	21	
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
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34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48	TOTAL SALES TO ULTIMATE CONSUMERS							
49	(Page 37 Line 11)			208,909,462	30,014,170	0.1437	9,684	9,715

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

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

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSE		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering.....		
5	501 Fuel.....		
6	502 Steam expense.....		
7	503 Steam from other sources.....		
8	504 Steam transferred -- Cr.....		
9	505 Electric expenses.....		
10	506 Miscellaneous steam power expenses.....		
11	507 Rents.....		
12	Total Operation		
13	Maintenance:		
14	510 Maintenance supervision and engineering.....		
15	511 Maintenance of structures.....		
16	512 Maintenance of boiler plant.....		
17	513 Maintenance of electric plant.....		
18	514 Maintenance of miscellaneous steam plant.....		
19	Total Maintenance		
20	Total power production expenses -- steam power		
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering.....		
24	518 Fuel.....		
25	519 Coolants and water.....		
26	520 Steam expense.....		
27	521 Steam from other sources.....		
28	522 Steam transferred -- Cr.....		
29	523 Electric expenses.....		
30	524 Miscellaneous nuclear power expenses.....		
31	525 Rents.....		
32	Total Operation		
33	Maintenance:		
34	528 Maintenance supervision and engineering.....		
35	529 Maintenance of structures.....		
36	530 Maintenance of reactor plant equipment.....		
37	531 Maintenance of electric plant.....		
38	532 Maintenance of miscellaneous nuclear plant.....		
39	Total Maintenance		
40	Total power production expenses -- nuclear power		
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering.....		
44	536 Water for power.....		
45	537 Hydraulic expenses.....		
46	538 Electric expenses.....		
47	539 Miscellaneous hydraulic power generation expenses.....		
48	540 Rents.....		
49	Total Operation	0	0

(continued on page 40)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - CONTINUED		
2	Maintenance:		
3	541 Maintenance Supervision and Engineering.....		
4	542 Maintenance of Structures.....		
5	543 Maintenance of Reservoirs, Dams and Waterways.....		
6	544 Maintenance of Electric Plant.....		
7	545 Maintenance of Miscellaneous Hydraulic Plant.....		
8	Total Maintenance		
9	Total Power Production Expenses - Hydraulic Power		
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering.....		
13	547 Fuel.....		
14	548 Operation Expenses.....		
15	549 Miscellaneous Other Power Generation Expenses.....		
16	550 Rents.....		
17	Total Operation		
18	Maintenance:		
19	551 Maintenance Supervision and Engineering.....		
20	552 Maintenance of Structure.....		
21	553 Maintenance of Generating and Electric Plant.....		
22	554 Maintenance of Miscellaneous Other Power Generation Plant		
23	Total Maintenance		
24	Total Power Production Expenses - Other Power		
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	18,021,482	226,582
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....		
29	Total Other Power Supply Expenses	18,021,482	226,582
30	Total Power Production Expenses	18,021,482	226,582
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering.....		
34	561 Load Dispatching.....		
35	562 Station Expenses.....		
36	563 Overhead Line Expenses.....		
37	564 Underground Line Expenses.....		
38	565 Transmission of Electricity by Others.....	3,397,129	587,011
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	Total Operation	3,397,129	587,011
42	Maintenance:		
43	568 Maintenance Supervision and Engineering.....		
44	569 Maintenance of Structures.....		
45	570 Maintenance of Station Equipment.....		
46	571 Maintenance of Overhead Lines.....		
47	572 Maintenance of Underground Lines.....		
48	573 Maintenance of Miscellaneous Transmission Plant.....		
49	Total Maintenance		
50	Total Transmission Expenses	3,397,129	587,011

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.....	168,994	1,529
4	581 Load Dispatching.....	164,056	(28,913)
5	582 Station Expenses.....	218,561	10,773
6	583 Overhead Line Expenses.....	23,346	(6,541)
7	584 Underground Line Expenses.....	11,672	(3,542)
8	585 Street Lighting and Signal System Expenses.....	0	0
9	586 Meter Expenses.....	40,047	(80,160)
10	587 Customer Installations Expenses.....	3,019	1,066
11	588 Miscellaneous Distribution Expenses.....	0	0
12	589 Rents.....	0	0
13	Total Operation	629,694	(105,790)
14	Maintenance:		
15	590 Maintenance supervision and engineering.....	0	0
16	591 Maintenance of Structures.....	72,227	12,601
17	592 Maintenance of Station Equipment.....	77,827	77,827
18	593 Maintenance of Overhead Lines.....	822,092	(2,938)
19	594 Maintenance of Underground Lines.....	5,148	1,503
20	595 Maintenance of Line Transformers.....	679	542
21	596 Maintenance of Street Lighting and Signal Systems....	44,212	(76,495)
22	597 Maintenance of Meters.....	0	(5,792)
23	598 Maintenance of Miscellaneous Distribution Plant.....	453	377
24	Total Maintenance	1,022,638	7,625
25	Total Distribution Expenses	1,652,332	(98,165)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....		
29	902 Meter Reading Expenses.....	189,261	(25,581)
30	903 Customer Records and Collection Expenses.....	609,715	(6,043)
31	904 Uncollectable Accounts.....	95,000	(10,000)
32	905 Miscellaneous Customer Accounts Expenses.....	37,687	15,587
33	Total Customer Accounts Expenses	931,663	(26,037)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....	0	0
37	912 Demonstrating and Selling Expenses.....	0	0
38	913 Advertising Expenses.....	0	0
39	916 Miscellaneous Sales Expense.....	0	0
40	Total Sales Expenses	0	0
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	293,340	(10,474)
44	921 Office Supplies and Expenses.....	112,676	8,064
45	922 Administrative Expenses Transferred - Cr.....	0	0
46	923 Outside Services Employed.....	229,362	86,835
47	924 Property Insurance.....	23,481	(6,097)
48	925 Injuries and Damages.....	0	(375)
49	926 Employees Pensions and Benefits.....	1,313	(19)
50	928 Regulatory Commission Expenses.....	0	0
51	929 Duplicate Charges - Cr.....	0	0
52	930 Miscellaneous General Expenses.....	154,268	(8,442)
53	931 Rents.....	8,800	0
54	Total Operation	823,240	69,494

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE EXPENSES		
2	Maintenance:		
3	932 Maintenance of General Plant.....		
4	933 Transportation expense.....	113,209	(14,763)
5	Total Maintenance	113,209	(14,763)
6	Total Administrative and General Expenses	936,449	54,731
7	Total Electric Operation and Maintenance Expenses	24,939,056	744,123

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	OPERATION (b)	MAINTENANCE (c)	TOTAL (d)
8	Power Production Expenses			
9	Electric Generation			
10	Steam Power.....			
11	Nuclear Power.....			
12	Hydraulic Power.....			
13	Other Power.....			
14	Other Power Supply Expenses.....	18,021,482		18,021,482
15	Total Power Production Expenses	18,021,482		18,021,482
16	Transmission Expenses.....	3,397,129		3,397,129
17	Distribution Expenses.....	629,694	1,022,638	1,652,332
18	Customer Accounts Expenses.....	931,663		931,663
19	Sales Expenses.....			
20	Administrative and General Expenses.....	823,240	113,209	936,449
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	23,803,209	1,135,847	24,939,056

23	Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%) Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407).....	89.89%
24	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.....	1,765,089
25	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)	22

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column.

Line No.	Property (a)	Amount of Investment (b)	Amount of Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1	NONE				
2					
3					
4					
5					
6					
7					
8					
9					
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41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS	\$0.00	\$0.00	\$0.00	\$0.00

INCOME FROM MERCHANDISE, JOBBING AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses, and net income from merchandising, jobbing, and contract work during year.

Line No.	Item (a)	Electric Department (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising sales, less discounts,				
3	allowances and returns.....				
4	Contract Work.....	155,413			155,413
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	155,413	\$0.00	\$0.00	155,413
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16	Jobbing/Contract Costs				
17	Labor				
18	Materials				
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	\$0.00	\$0.00	0
51	Net Profit (or Loss)	155,413	\$0.00	\$0.00	155,413

SALES FOR RESALE (Account 447) - Continued

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

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

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

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

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per Kwh (cents) [0.0000] (p)	Line No.
			Demand Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
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								30
								31
								32
								33
								34
TOTALS		0	\$0.00	\$0.00	\$0.00	\$0.00	0.0000	35

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and

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

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

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

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit Cents)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 MINUTES	115 kv	7,392,426	59,913	35,905	141,954	237,772	\$ 0.0322	1
60 MINUTES	115 kv	167,565	222,992	27,520	8,824	259,335	\$ 1.5477	2
60 MINUTES	115 kv	5,736,984	645,198	559,800	11,640	1,216,638	\$ 0.2121	3
60 MINUTES	115 kv	1,104,815	79,949	9,059	76	89,085	\$ 0.0806	4
60 MINUTES	115 kv	9,480,566	657,962	68,437	7,355	733,755	\$ 0.0774	5
60 MINUTES	115 kv	5,571,219	421,345	40,370	4,322	466,037	\$ 0.0837	6
60 MINUTES	115 kv	27,098,534	1,752,404	221,772	1,867	1,976,043	\$ 0.0729	7
60 MINUTES	115 kv	2,450,177	164,141	20,077	169	184,387	\$ 0.0753	8
60 MINUTES	115 kv	55,688,972	4,643,797	457,313	3,836	5,104,946	\$ 0.0917	9
60 MINUTES	115 kv	26,067,228	1,420,375			1,420,375	\$ 0.0545	10
								11
								12
60 MINUTES	115 kv				97,259	97,259	N/A	13
60 MINUTES	115 kv				3,097,757	3,097,757	N/A	14
60 MINUTES	115 kv	1,030,400		42,246		42,246	\$ 0.0410	15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
	TOTALS	141,788,886	10,068,076	1,482,499	3,375,059	14,925,635		

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	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Kilowatt-hours			Amount of Settlement
					Received	Delivered	Net Difference	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	NEPEX				222,254,810	143,343,750	78,911,060	6,492,976
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	222,254,810	143,343,750	78,911,060	6,492,976

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	6,224,084
14		NEPOOL EXPENSE	268,892
15			
16			
17			
18			
19			
20			
21		TOTALS	6,492,976

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

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Hw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings). (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)
 2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.
 3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.
 5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.
 6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.
 7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, int. com., gas turbine)			
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)			
3	Year originally constructed			
4	Year last unit was installed			
5	Total installed capacity (maximum generator name plate ratings in kw)			
6	Net peak demand on plant-kilowatts (60 min.)			
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees			
12	Net generation, exclusive of station use			
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements			
16	Reservoirs, dams, and waterways			
17	Equipment costs			
18	Roads, railroads, and bridges			
19	Total cost	\$0	\$0	\$0
20	Cost per kw of installed capacity	N/A	N/A	N/A
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel			
25	Supplies and expenses, including water			
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	Total production expenses	\$0.00	\$0.00	\$0.00
31	Expenses per net Kwh (5 places)	0.0000	N/A	N/A
32	Fuel: Kind			
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)			
34	Quantity (units) of fuel consumed			
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)			
36	Average cost of fuel per unit, del. f.o.b. plant			
37	Average cost of fuel per unit consumed			
38	Average cost of fuel consumed per million B.t.u.			
39	Average cost of fuel consumed per kwh net gen.			
40	Average B.t.u. per kwh net generation			
41				
42				

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

547 as shown on Line 24

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

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

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

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

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

STEAM GENERATING STATIONS

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

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

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1	NONE						
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
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29							
30							
31							
32							
33							
34							
35							
36							
37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

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

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

Turbine-Generators*

Year Installed (h)	Type (i)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating** (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				NONE							1
											2
											3
											4
											5
											6
											7
											8
											9
											10
											11
											12
											13
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											32
											33
											34
											35
											36
TOTALS											37

Note references:

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

HYDROELECTRIC GENERATING STATIONS

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

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

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	*** NONE ***						
12							
13							
14							
15							
16							
17							
18							
19							
20							
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35							
36							
37							

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

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.

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

Water Wheels -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (l)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)		
		*** NONE ***							1
									2
									3
									4
									5
									6
									7
									8
									9
									10
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									36
									37
TOTALS									38
									39

COMBUSTION ENGINE AND OTHER GENERATING STATIONS -- Continued
(except nuclear stations)

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

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

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

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1					NONE	NONE		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
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16								
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35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				0.00		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 or each sub-station, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

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

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE			Capacity of Substation in Kva (in Service) (f)	Number Of Trans-formers in Service (g)	Number of Spare Trans-formers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1											
2											
3											
4											
5											
6											
7											
8											
9	Gilbert Street	Distribution - Unattended	115kv	13.8kv	23kv	36,000					
10	Gilbert Street Expansion	Distribution - Unattended	115kv	13.8kv		80,000					
11	East Mansfield (Bird Road)	Distribution - Unattended	115kv	13.8kv		80,000					
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											
TOTALS						196,000	0	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	73.40		73.40
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles - End of Year	73.40		73.40
5				
6				
7				
8				
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.....		11,958	2,007	105,856
17	Additions during year:				
18	Purchased.....		712	38	1,750
19	Installed.....				
20	Associated with utility plant acquired.....				
21	Total additions.....		712	38	1,750
22	Reduction during year:				
23	Retirements.....		1,597	18	1,323
24	Associated with utility plant sold.....				
25	Total reductions.....		1597	18	1,323
26	Number at End of Year.....		11,073	2,027	106,283
27	In Stock.....		820	105	7,511
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....				
31	In Companys' Use.....				
32	Number at End of Year.....		820	105	7,511

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE -- (Distribution System)

Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

Line No.	Designation of Underground Distribution System (a)	Miles of Conduit Bank (All sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles* (c)	Operating voltage (d)	Feet* (e)	Operating Voltage (f)
1	None					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
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25						
26						
27						
28						
29						
30						
31						
32						
33						
34	TOTALS	0.000				

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	TYPE							
			Incandescent		Mercury Vapor		Fluorescent		High Press. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Mansfield									
2										
3	50 Watt								2,094	65
4										
5										
6	100 Watt								533	14
7										
8										
9	250 Watt								107	17
10										
11										
12	400 Watt								74	211
13										
14										
15	1000 Watt									1
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
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31										
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36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	0	0	0	0	0	0	0	2,808	308

RATE SCHEDULE INFORMATION

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

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues											
			Increases	Decrease										
		Generation Charge Changes as follows: <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 20px;">Date</td> <td>New Rate</td> </tr> <tr> <td>Jan. 13</td> <td>.1138</td> </tr> <tr> <td>Apr. 13</td> <td>.1001</td> </tr> <tr> <td>Jul. 12</td> <td>.0950</td> </tr> <tr> <td>Oct. 12</td> <td>.1126</td> </tr> </table>	Date	New Rate	Jan. 13	.1138	Apr. 13	.1001	Jul. 12	.0950	Oct. 12	.1126		
Date	New Rate													
Jan. 13	.1138													
Apr. 13	.1001													
Jul. 12	.0950													
Oct. 12	.1126													

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....
Mayor

William Ross

.....
William Ross, Mgr.

Manager of Electric Light

Douglas Annino

.....
Douglas Annino

Jess Antowitz

.....
Jess Antowitz

George Dentino

.....
George Dentino

Olivier Kozlowski

.....
Olivier Kozlowski

Kevin Moran

.....
Kevin Moran

**Selectmen
or
Members
of the
Municipal
Light
Board**