

The Commonwealth of Massachusetts

Return

of the

Municipal Lighting Plant of

the Town of Hingham

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2018

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

Official title: General Manager

Paul Heanue

Office address: 31 Bare Cove Park Drive

Hingham, MA 02043

GOULET, SALVIDIO
& ASSOCIATES, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

The Board of Commissioners
Hingham Municipal Lighting Plant
Hingham, Massachusetts 02043

Management is responsible for the accompanying financial statements of Hingham Municipal Lighting Plant, which comprise the balance sheet as of December 31, 2018, 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 in the accompanying prescribed form.

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.

Worcester, Massachusetts
June 13, 2019

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GENERAL INFORMATION

- | | | |
|-----|--|--|
| 1. | Name of town (or city) making report. | Hingham |
| 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, 305 ; No, 21 Second vote: Yes, 114; No, 43
Date when town (or city) began to sell gas and electricity, | Electric
Weymouth Light & Power

3/18, 7/26 1893 |
| 3. | Name and address of manager of municipal lighting: | Paul Heanue
Plymouth, MA 02360 |
| 4. | Name and address of mayor or selectmen: | Mary Power
Karen Johnson
Paul Healy
Hingham, MA 02043 |
| 5. | Name and address of town (or city) treasurer: | Jean Montgomery
Hingham, MA 02043 |
| 6. | Name and address of town (or city) clerk: | Eileen McCracken
Hingham, MA 02043 |
| 7. | Names and addresses of members of municipal light board: | John P. Ryan
Roger Freeman
John A. Stoddard, Jr.
Hingham, MA 02043 |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 6,993,805,460 |
| 9. | Tax rate for all purposes during the year: | Residential \$11.77
Open Space
Commercial/Industrial/Personal Property |
| 10. | Amount of manager's salary: | \$177,762 |
| 11. | Amount of manager's bond: | \$10,000 |
| 12. | Amount of salary paid to members of municipal light board (each): | \$214 |

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

		Amount
INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas	
2	From sales of electricity	28,500,000
3		
	TOTAL	28,500,000
4		
5	EXPENSES	
6	For operation, maintenance and repairs	24,500,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund (3 % 63,629,966 as per page 8A)	1,908,899
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13		
	TOTAL	26,408,899
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	1,200,000
19	Of electricity to be used for street lights	190,000
20	Total of above items to be included in the tax levy	1,390,000
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	1,390,000

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
		Hingham	10,499
TOTAL	0	TOTAL	10,499

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 190,000

2. Municipal buildings 1,200,000

3.

TOTAL 1,390,000

* 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: None

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	
Regular April 27, 1987	July 15, 1988	\$3,800,000					
Refunding Issue	May 15, 1993	\$960,000 \$2,830,000					
	TOTAL	\$7,590,000				TOTAL	

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	
Special 07\26\1893	09/01/1896	\$1,000					
Special 02\01\04	2/6/2004	\$12,000					
Regular 03\16\06	9/1/2006	\$5,000					
Regular 03\28\55	6/15/1955	\$45,000					
Regular 03\25\56	8/15/1956	\$130,000					
Regular 05\05\86	7/28/1986	\$800,000					
Regular 04\27\87	7/21/1987	\$1,500,000					
Regular 04\27\87	1/2/1988	\$1,500,000	*Bond Anticipated Notes Bond dated July 15, 1988				
	TOTAL	\$3,993,000				TOTAL	\$0.00

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

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

* Date of meeting and whether regular or special

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

TOTAL COST OF PLANT - ELECTRIC (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	430,299					430,299
22	351 Clearing Land and Rights of Way	0					0
23	352 Structures and Improvements	36,316					36,316
24	353 Station Equipment	0					0
25	354 Towers and Fixtures	0					0
26	355 Poles and Fixtures	824,167					824,167
27	356 Overhead Conductors and Devices	922,563					922,563
28	357 Underground Conduit	0					0
29	358 Underground Conductors and Devices	0					0
30	359 Roads and Trails	0					0
31	Total Transmission Plant	2,213,345	0	0	0	0	2,213,345

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	4,564					4,564	
3	361 Structures and Improvements	11,494					11,494	
4	362 Station Equipment	5,375,145					5,375,145	
5	363 Storage Battery Equipment	0					0	
6	364 Poles Towers and Fixtures	5,681,180	188,059	(14,750)			5,854,489	
7	365 Overhead Conductors and Devices	15,022,193	226,067				15,248,260	
8	366 Underground Conduit	2,715,083					2,715,083	
9	367 Underground Conductors and Devices	8,321,776	56,937				8,378,713	
10	368 Line Transformers	4,293,753	187,292				4,481,045	
11	369 Services	546,917	4,967				551,884	
12	370 Meters	759,336	28,751				788,087	
13	371 Installations on Customer's Premises	0					0	
14	372 Leased Prop on Customer's Premises	0					0	
15	373 Street Light and Signal Systems	1,569,730	207,145	(121,030)			1,655,845	
16	Total Distribution Plant	44,301,171	899,218	(135,780)	0	0	45,064,609	
17	5. GENERAL PLANT							
18	389 Land and Land Rights	0					0	
19	390 Structures and Improvements	10,301,176	18,068				10,319,244	
20	391 Office Furniture and Equipment	2,477,133	16,713				2,493,846	
21	392 Transportation Equipment	2,232,367	200,146				2,432,513	
22	393 Stores Equipment	67,606					67,606	
23	394 Tools, Shop and Garage Equipment	258,212	11,945				270,157	
24	395 Laboratory Equipment	115,759	2,451				118,210	
25	396 Power Operated Equipment	0					0	
26	397 Communication Equipment	995,433	13,044				1,008,477	
27	398 Miscellaneous Equipment	74,152	2,670				76,822	
28	399 Other Tangible Property	0					0	
29	Total General Plant	16,521,838	265,037	0	0	0	16,786,875	
30	Total Electric Plant in Service	63,036,354	1,164,255	(135,780)	0	0	64,064,829	
31	Total Cost of Electric Plant.....							64,064,829
33	Less Cost of Land, Land Rights, Rights of Way.....							434,863
34	Total Cost upon which Depreciation is based							63,629,966
<p>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.</p>								

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COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	29,635,784	28,904,039	(731,745)
3	101	Utility Plant - Gas (P. 20)	0	0	0
4					
5		Total Utility Plant	29,635,784	28,904,039	(731,745)
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	0	0	0
13	126	Depreciation Fund (P. 14)	8,542,547	10,571,302	2,028,755
14	128	Other Special Funds	6,205,739	6,881,381	675,642
15		Total Funds	14,748,286	17,452,683	2,704,397
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	7,338,005	4,361,365	(2,976,640)
18	132	Special Deposits	1,706,607	1,733,474	26,867
19	135	Working Funds	800	800	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	2,022,558	2,642,462	619,904
22	143	Other Accounts Receivable	506,823	157,540	(349,283)
23	146	Receivables from Municipality			0
24	151	Materials and Supplies (P. 14)	998,665	946,983	(51,682)
25					
26	165	Prepayments	1,583,641	2,481,036	897,395
27	174	Miscellaneous Current Assets	362,170	362,170	0
28		Total Current and Accrued Assets	14,519,269	12,685,830	(1,833,438)
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	0	0	0
31	182	Extraordinary Property Losses	0	0	0
32	185	Other Deferred Debits	952,767	1,355,473	402,706
33		Total Deferred Debits	952,767	1,355,473	402,706
34					
35		Total Assets and Other Debits	59,856,106	60,398,025	541,919

COMPARATIVE BALANCE SHEET Liabilities and Other Credits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	0	0	0
3		SURPLUS			
4	205	Sinking Fund Reserves	0	0	0
5	206	Loans Repayment	4,438,000	4,438,000	0
6	207	Appropriations for Construction Repayments	64,745	64,745	0
7	208	Unappropriated Earned Surplus (P. 12)	39,909,056	39,554,879	(354,177)
8		Total Surplus	44,411,801	44,057,624	(354,177)
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	0	0	0
11	231	Notes Payable (P. 7)	0	0	0
12		Total Bonds and Notes	0	0	0
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	1,873,287	1,509,880	(363,407)
15	234	Payables to Municipality	491,970	504,480	12,510
16	235	Customers' Deposits	1,706,607	1,733,474	26,867
17	236	Taxes Accrued	40,392	49,187	8,795
18	237	Interest Accrued	0	0	0
19	242	Miscellaneous Current and Accrued Liabilities	93,661	110,728	17,067
20		Total Current and Accrued Liabilities	4,205,917	3,907,749	(298,168)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	0	0	0
23	252	Customer Advances for Construction	255,375	288,775	33,400
24	253	Other Deferred Credits	302,214	1,124,571	822,357
25		Total Deferred Credits	557,589	1,413,346	855,757
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	50,000	50,000	0
28	261	Property Insurance Reserve	0	0	0
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	3,983,616	3,963,671	(19,945)
31	265	Miscellaneous Operating Reserves	5,952,053	6,233,694	281,641
32		Total Reserves	9,985,669	10,247,365	261,696
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	695,130	771,941	76,811
35		Total Liabilities and Other Credits	59,856,106	60,398,025	541,919

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	28,727,165	1,199,322
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	25,799,912	3,828,706
5	402 Maintenance Expense	1,256,082	451,188
6	403 Depreciation Expense	1,878,044	32,829
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	28,934,038	4,312,723
11	Operating Income	(206,873)	(3,113,401)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	(206,873)	(3,113,401)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	285,291	172,652
18	421 Miscellaneous Nonoperating Income (P. 21)	63,505	(31,645)
19	Total Other Income	348,796	141,007
20	Total Income	141,923	(2,972,394)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(23,874)	(2,282)
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(23,874)	(2,282)
25	Income Before Interest Charges	165,797	(2,970,112)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	0	0
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	0	0
30	431 Other Interest Expense	15,893	5,990
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	15,893	5,990
33	NET INCOME	149,904	(2,976,102)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		39,909,056
35			
36			
37	433 Balance Transferred from Income		149,904
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	504,081	
40	436 Appropriations of Surplus (P. 21)	0	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	39,554,879	
43			
44	TOTALS	40,058,960	40,058,960

CASH BALANCES AT END OF YEAR					
Line No.	Items (a)	Amount (b)			
1	Operating Cash	4,361,365			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12	TOTAL	4,361,365			
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)	946,983			
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			946,983	0
DEPRECIATION FUND ACCOUNT (Account 126)					
Line No.	(a)	Amount (b)			
24	DEBITS				
25	Balance of account at beginning of year	8,542,547			
26	Income during year from balance on deposit (interest)	150,711			
27	Amount transferred from income (depreciation)	1,878,044			
28	Miscellaneous transfers				
29	TOTAL	10,571,302			
30	CREDITS				
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)				
32	Miscellaneous transfers				
33					
34					
35					
36					
37					
38					
39	Balance on hand at end of year	10,571,302			
40	TOTAL	10,571,302			

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	430,299				0	430,299
22	351 Clearing Land and Rights of Way					0	
23	352 Structures and Improvements	0		0		0	0
24	353 Station Equipment					0	
25	354 Towers and Fixtures					0	
26	355 Poles and Fixtures	16,235		16,235		0	0
27	356 Overhead Conductors and Devices	147,490		36,167		0	111,323
28	357 Underground Conduit					0	
29	358 Underground Conductors and Devices					0	
30	359 Roads and Trails					0	
31	Total Transmission Plant	594,024	0	52,402	0	0	541,622

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	4,564	0	0		0	4,564
3	361 Structures and Improvements	2,041	0	345		0	1,696
4	362 Station Equipment	1,994,694	0	177,018		0	1,817,676
5	363 Storage Battery Equipment	0	0	0		0	0
6	364 Poles Towers and Fixtures	1,649,711	188,059	170,435		0	1,667,335
7	365 Overhead Conductors and Devices	5,578,235	226,067	450,666		0	5,353,636
8	366 Underground Conduit	1,123,994	0	81,452		0	1,042,542
9	367 Underground Conductors and Devices	4,312,133	56,937	249,653		0	4,119,417
10	368 Line Transformers	923,252	187,292	128,813		0	981,731
11	369 Services	0	4,967	1,733		0	3,234
12	370 Meters	728,305	28,751	22,780		0	734,276
13	371 Installations on Customer's Premises	0	0	0		0	0
14	372 Leased Prop on Customer's Premises	0	0	0		0	0
15	373 Streetlight and Signal Systems	183,070	207,145	47,092		0	343,123
16	Total Distribution Plant	16,499,999	899,218	1,329,987	0	0	16,069,230
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0		0	0
19	390 Structures and Improvements	9,938,520	18,068	309,035		0	9,647,553
20	391 Office Furniture and Equipment	1,206,949	16,713	74,314		0	1,149,348
21	392 Transportation Equipment	701,197	200,146	66,971		0	834,372
22	393 Stores Equipment	31,716	0	2,028		0	29,688
23	394 Tools, Shop and Garage Equipment	110,323	11,945	7,746		0	114,522
24	395 Laboratory Equipment	32,904	2,451	3,473		0	31,882
25	396 Power Operated Equipment	0	0	0		0	0
26	397 Communication Equipment	290,575	13,044	29,863		0	273,756
27	398 Miscellaneous Equipment	76,037	2,670	2,225		0	76,482
28	399 Other Tangible Property	0	0	0		0	0
29	Total General Plant	12,388,221	265,037	495,655	0	0	12,157,603
30	Total Electric Plant in Service	29,482,244	1,164,255	1,878,044	0	0	28,768,455
31	104 Utility Plant Leased to Others	0		0			0
32	105 Property Held for Future Use	0		0			0
33	107 Construction Work in Progress	153,540	0	0	17,956	0	135,584
34	Total Utility Plant Electric	29,635,784	1,164,255	1,878,044	17,956	0	28,904,039

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

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

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year					
2	Received During Year					
3	TOTAL					
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF					
13	BALANCE END OF YEAR					
Line No.	Item (g)	Total Cost (b)	Kinds of Fuel and Oil - continued			
			Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
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	Grant Income	63,505
2		
3		
4		
5		
6	TOTAL	63,505
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Payment In Lieu of Taxes	504,081
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	504,081
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34		
35		
36		
37		
38		
39		
40	TOTAL	0

MUNICIPAL REVENUES (Account 482,444) (K.W.H. Sold under the provision of Chapter 269, Acts of 1927)						
Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)	
1						
2						
3						
4		TOTALS				
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)	
5	444	Municipal: (Other Than Street Lighting)	10,133,864	1,343,747	0.1326	
6						
7						
8						
9						
10						
11						
12		TOTALS	10,133,864	1,343,747	0.1326	
13		Street Lighting	693,193	111,500	0.1608	
14						
15						
16						
17						
18		TOTALS	693,193	111,500	0.1608	
19		TOTALS	10,827,057	1,455,247	0.1344	
PURCHASED POWER (Account 555)						
Line No.		Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20						
21						
22						
23						
24						
25						
26						
27						
28						
29			TOTALS	0	0	
SALES FOR RESALE (Account 447)						
Line No.		Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30						
31						
32						
33						
34						
35						
36						
37						
38						
39			TOTALS	0	0	

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
 2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
 3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

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

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

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	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	13,676,230	702,316	91,772,893	1,870,317	9,377	205
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	2,971,079	307,579	18,760,873	1,962,201	906	26
5	Large Commercial C Sales	10,322,342	34,409	80,271,411	2,049,569	142	(13)
6	444 Municipal Sales	1,455,247	9,757	10,827,057	(90,403)	74	(2)
7	445 Other Sales to Public Authorities	0	0	0	0	0	0
8	446 Sales to Railroads and Railways	0	0	0	0	0	0
9	448 Interdepartmental Sales	0	0	0	0	0	0
10	449 Miscellaneous Sales	0	0	0	0	0	0
11	Total Sales to Ultimate Consumers	28,424,898	1,054,061	201,632,234	5,791,684	10,499	216
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	28,424,898	1,054,061	201,632,234	5,791,684	10,499	216
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	0	0				
16	451 Miscellaneous Service Revenues	302,267	145,261				
17	453 Sales of Water and Water Power	0	0				
18	454 Rent from Electric Property	0	0				
19	455 Interdepartmental Rents	0	0				
20	456 Other Electric Revenues	0	0				
21							
22							
23							
24							
25	Total Other Operating Revenues	302,267	145,261				
26	Total Electric Operating Revenue	28,727,165	1,199,322				

* Includes revenues from application of fuel clauses \$

Total KWH to which applied 201,632,234

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

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

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440.000	A1 Residential	87,716,106	13,088,707	0.1492	8,343	8,523
2		E-9	1,206,687	196,883	0.1632	507	504
3		A-10-H	2,357,459	300,260	0.1274	230	228
4	442.000	B-9 Commercial	18,760,873	2,971,079	0.1584	897	906
5		C-7	80,271,411	10,322,342	0.1286	141	142
6	444.000	Street Lighting	693,193	111,500	0.1608	1	1
7		M-7	10,133,864	1,343,747	0.1326	75	73
8	445.000	S-4 Outdoor Lighting	492,641	90,380	0.1835	120	122
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			201,632,234	28,424,898	0.1410	10,314	10,499

ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
1. Enter in the space provided the operation and maintenance expenses for the year			
2. If the increases and decreases are not derived from previously reported figures, explain in footnote			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering	0	0
5	501 Fuel	0	0
6	502 Steam Expenses	0	0
7	503 Steam from other sources	0	0
8	504 Steam transferred -- Cr.	0	0
9	505 Electric expenses	0	0
10	506 Miscellaneous steam power expenses	0	0
11	507 Rents	0	0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	0	0
16	512 Maintenance of boiler plant	0	0
17	513 Maintenance of electric plant	0	0
18	514 Maintenance of miscellaneous steam plant	0	0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering	0	0
44	536 Water for power	0	0
45	537 Hydraulic expenses	0	0
46	538 Electric expenses	0	0
47	539 Miscellaneous hydraulic power generation expenses	0	0
48	540 Rents	0	0
49	Total Operation	0	0

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	0	0
13	547 Fuel	0	0
14	548 Generation Expenses	0	0
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	0	0
21	553 Maintenance of generating and electric plant	0	0
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	17,233,989	3,877,037
27	556 System control and load dispatching	0	0
28	557 Other expenses	526,529	57,894
29	Total other power supply expenses	17,760,518	3,934,931
30	Total power production expenses	17,760,518	3,934,931
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	66,014	51,667
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	3,846,060	(373,211)
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	3,912,074	(321,544)
42	Maintenance:		
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	0	0
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	0	0
48	573 Maintenance of miscellaneous transmission plant	0	(1,350)
49	Total maintenance	0	(1,350)
50	Total transmission expenses	3,912,074	(322,894)

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	346,650	26,531
4	581 Load dispatching (Operation Labor)	247,071	(15,678)
5	582 Station expenses	15,325	(7,713)
6	583 Overhead line expenses	25,551	8,910
7	584 Underground line expenses	9,276	6,314
8	585 Street lighting and signal system expenses	8,429	(17,701)
9	586 Meter expenses	124,258	(679)
10	587 Customer installations expenses	9,639	(30)
11	588 Miscellaneous distribution expenses	66,936	19,318
12	589 Rents		0
13	Total operation	853,135	19,272
14	Maintenance:		
15	590 Maintenance supervision and engineering	3,250	3,032
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	0	0
18	593 Maintenance of overhead lines	996,998	467,331
19	594 Maintenance of underground lines	0	0
20	595 Maintenance of line transformers	8,729	1,632
21	596 Maintenance of street lighting and signal systems	90,800	41,959
22	597 Maintenance of meters	0	0
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	1,099,777	513,954
25	Total distribution expenses	1,952,912	533,226
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	84,616	(21,272)
30	903 Customer records and collection expenses	907,457	51,740
31	904 Uncollectible accounts	3,389	(26,317)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	995,462	4,151
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 expenses	0	0
40	Total sales expenses	0	0
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	263,290	87,964
44	921 Office supplies and expenses	30,633	5,094
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	208,324	(44,798)
47	924 Property insurance	194,112	1,860
48	925 Injuries and damages	0	0
49	926 Employee pensions and benefits	1,501,054	157,733
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	81,310	(14,607)
53	931 Rents	0	0
54	Total operation	2,278,723	193,246

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.			
2	Maintenance:			
3	932 Maintenance of general plant	89,515	(65,826)	
4	933 Transportation	66,790	3,060	
5	Total administrative and general expenses	2,435,028	130,480	
6	Total Electric Operation and Maintenance Expenses	27,055,994	4,279,894	
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
7	Power Production Expenses			
8	Electric Generation:			
9	Steam Power:			
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power			
13	Other Power Supply Expenses	17,760,518	0	17,760,518
14	Total power production expenses	17,760,518	0	17,760,518
15	Transmission Expenses	3,912,074	0	3,912,074
16	Distribution Expenses	853,135	1,099,777	1,952,912
17	Customer Accounts Expenses	995,462	0	995,462
18	Sales Expenses	0	0	0
19	Administrative and General Expenses	2,278,723	156,305	2,435,028
20	Total Electric Operation and			
21	Maintenance Expenses	25,799,912	1,256,082	27,055,994
21	Ratio of operating expenses to operating revenues (carry out decimal two places, (e.g.. 0.00%) Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)			100.72%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			3,237,724
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			28

OTHER UTILITY OPERATING INCOME (Account 414)					
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues				
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	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				
51	Net Profit (or loss)				

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 an "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.

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	Installed Capability	FP						
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
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26								
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28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
	* Winter period contract demand.							

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)
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)	
		0	0			0	N/A
TOTALS:		0	0	0		0	

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

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

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

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

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

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)		
60 Minutes		9,843,504	(8,609)	51,365	171,779	214,535	\$0.0218	1
60 Minutes		352,721	(293,163)	68,609	7,973	(216,581)	(\$0.6140)	2
60 Minutes		4,130,063	(253,225)	329,359	13,416	89,550	\$0.0217	3
60 Minutes		6,460,114	167,893	40,880	4,046	212,819	\$0.0329	4
60 Minutes		4,909,512	97,731	31,314	3,386	132,431	\$0.0270	5
60 Minutes		14,900,645	251,497	86,459	1,312	339,268	\$0.0228	6
60 Minutes		1,836,590	12,677	10,656	155	23,488	\$0.0128	7
60 Minutes		30,388,554	833,136	176,325	2,436	1,011,897	\$0.0333	8
		4,164,948	(2,672)	415,610	31,073	444,011	\$0.1066	9
		3,910,781	953,587	309,840	580,034	1,843,461	\$0.4714	10
		62,507,400	(288,056)	2,868,981	(82)	2,580,843	\$0.0413	11
		12,682,000		612,540		612,540	\$0.0483	12
		5,207,099		257,188	13,418	270,606	\$0.0520	13
		176,683	123,787		18,640	142,427	N/A	14
		3,797,817	(341)	169,588		169,247	\$0.0446	15
		5,513,533	(55,642)	547,218	16,219	507,795	\$0.0921	16
		2,642,859		165,982		165,982	\$0.0628	17
		5,357,974	(71,594)	496,047	17,165	441,618	\$0.0824	18
						507,834	N/A	19
						(135,905)	N/A	20
								21
								22
	TOTALS:	178,782,797	1,467,006	6,637,961	880,970	9,357,866		

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

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

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

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

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (a)	Delivered (f)	Net Difference (g)	
1	NEPEX				206,014,203	178,782,797	27,231,406	7,876,123
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				206,014,203	178,782,797	27,231,406	7,876,123

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	7,876,123
14			
15			
16			
17			
18			
19			
20	TOTAL		7,876,123

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		178,782,797
9		(In (gross) 206,014,203	
10	Interchanges	< Out (gross) 178,782,797	
11		(Net (Kwh)	27,231,406
12		(Received 0	
13	Transmission for/by others (wheeling)	< Delivered 0	
14		(Net (Kwh)	0
15	TOTAL		206,014,203
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		201,632,234
18	Sales for resale		0
19	Energy furnished without charge		
20	Energy used by the company (excluding station use):		
21	Electric department only		
22	Energy losses		
23	Transmission and conversion losses		
24	Distribution losses	2.13%	4,381,969
25	Unaccounted for losses		
26	Total energy losses		4,381,969
27	Energy losses as percent of total on line	2.13%	
28	TOTAL		206,014,203

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 Hingham

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	37,340	Monday	1	6:00 PM	60 min	18,495,970
30	February	30,530	Wednesday	7	6:00 PM	60 min	14,643,340
31	March	29,750	Wednesday	7	7:00 PM	60 min	16,054,900
32	April	26,010	Tuesday	3	8:00 PM	60 min	14,083,520
33	May	34,630	Thursday	3	3:00 PM	60 min	15,502,806
34	June	43,410	Friday	29	5:00 PM	60 min	17,031,121
35	July	53,700	Tuesday	3	5:00 PM	60 min	22,417,510
36	August	57,060	Wednesday	29	4:00 PM	60 min	22,766,770
37	September	54,560	Thursday	6	4:00 PM	60 min	17,261,260
38	October	33,950	Wednesday	10	3:00 PM	60 min	15,080,417
39	November	29,850	Wednesday	14	6:00 PM	60 min	15,563,370
40	December	32,140	Tuesday	18	6:00 PM	60 min	17,113,219
41						TOTAL	206,014,203

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

TRANSMISSION LINE STATISTICS								
Report information concerning transmission line as indicated below.								
Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	NEPCO'S	HOBART	115KV	STEEL/WOOD	0		2	336.4
2	EAST	STREET						
3	WEYMOUTH	SUBSTATION						
4	SUBSTATION	HINGHAM						
5								
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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	HOBART STREET	Distribution	115	13.8		120,000	3	0	0	0	0
2		Unattended									
3											
4											
5											
6											
7											
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13											
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15											
16											
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18											
19											
20											
21											
22											
23											
24											
25											
26	TOTALS					120,000	3	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	170.54		170.54
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	170.54	0.00	170.54
5	*			
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	8,463	11,594	2,197	116,613
17	Additions during year:				
18	Purchased	11	284	64	7,262
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	11	284	64	7,262
22	Reductions during year:				
23	Retirements	0	17	15	195
24	Associated with utility plant sold				
25	Total Reductions		17	15	195
26	Number at end of year	8,474	11,861	2,246	123,680
27	In stock		1,090	261	13,663
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		10,771	1,985	110,017
31	In company's use				
32	Number at end of year		11,861	2,246	123,680

*

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System) Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	Hingham Distribution Substation	26.227	86.63	13.8KV		
2						
3						
4						
5	New Additions 2015	0.330	0.290	13.8KV		
6						
7	New Additions 2015	0.120	0.060	600V		
8						
9						
10	New Additions 2016	0.210	0.180	13.8KV		
11						
12	New Additions 2016	0.037	0.018	600V		
13						
14						
15	New Additions 2017	0.350	0.414	13.8KV		
16						
17	New Additions 2017	0.128	0.064	600V		
18						
19						
20	New Additions 2018	0.170	0.512	13.8KV		
21						
22	New Additions 2018	0.142	0.071	600V		
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
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42						
43						
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47						
48	TOTALS	27.714	88.24		0.00	0.00

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

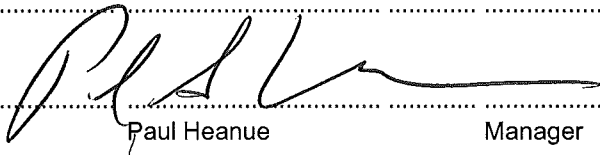

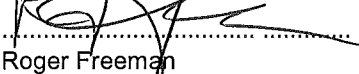
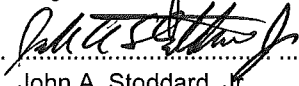
Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	HINGHAM	3,154	0	0	0	0	0	0	2,631	523
2										
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48										
49										
50										
51										
52	TOTALS	3,154	0	0	0	0	0	0	2,631	523

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
		None		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....		Mayor
		
Paul Heanue	Manager	Manager of Electric Light
.....)
		
John P. Ryan	Chairman	
.....)
		
Roger Freeman	Secretary	Selectmen or Members of the Municipal Light Board
.....)
		
John A. Stoddard, Jr.	Vice-Chairman	
.....)
.....)
.....)
.....)

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

..... SS 20

Then personally appeared

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

Notary Public or Justice of the Peace

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