

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,

2022

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

Official title: General Manager

Thomas Morahan

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, 2022, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form in accordance with generally accounting principles accepted in the United States of America. 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. We do not express an opinion, a conclusion, nor provide any form of assurance on the 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.

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

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
August 21, 2023

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GENERAL INFORMATION**Page 3**

- | | | |
|-----|--|--|
| 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: | Thomas Morahan
Hingham MA 02043 |
| 4. | Name and address of mayor or selectmen: | Liz Klein
Bill Ramsey
Joe Fisher
Hingham, MA 02043 |
| 5. | Name and address of town (or city) treasurer: | Lori Ann Magner
Hingham, MA 02043 |
| 6. | Name and address of town (or city) clerk: | Carol Falvey
Hingham, MA 02043 |
| 7. | Names and addresses of members of municipal light board: | Michael Reive
Laura Burns
Tyler Herral
Hingham, MA 02043 |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 9,570,758,730 |
| 9. | Tax rate for all purposes during the year: | Residential \$10.00
Open Space
Commercial/Industrial/Personal Property |
| 10. | Amount of manager's salary: | \$182,582 |
| 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	33,000,000
3		
	TOTAL	33,000,000
4		
5	EXPENSES	
6	For operation, maintenance and repairs	26,000,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund (5 % 68,855,218 as per page 8A)	3,442,761
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13		
	TOTAL	29,442,761
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	105,000
20	Total of above items to be included in the tax levy	1,305,000
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	1,305,000

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	10,716
TOTAL	0	TOTAL	10,716

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 105,000

2. Municipal buildings 1,200,000

3.

TOTAL 1,305,000

* 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	0	0			430,299
22	351 Clearing Land and Rights of Way	0	0	0			0
23	352 Structures and Improvements	36,316	0	0			36,316
24	353 Station Equipment	0	0	0			0
25	354 Towers and Fixtures	0	0	0			0
26	355 Poles and Fixtures	824,420	0	0			824,420
27	356 Overhead Conductors and Devices	933,267	0	0			933,267
28	357 Underground Conduit	0	0	0			0
29	358 Underground Conductors and Devices	0	0	0			0
30	359 Roads and Trails	0	0	0			0
31	Total Transmission Plant	2,224,302	0	0	0	0	2,224,302

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	0	0			4,564
3	361 Structures and Improvements	11,493	110,523	0			122,016
4	362 Station Equipment	5,377,432	0	0			5,377,432
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	6,256,955	316,227	(72,909)			6,500,273
7	365 Overhead Conductors and Devices	16,732,749	765,167	0			17,497,916
8	366 Underground Conduit	2,715,273	0	0			2,715,273
9	367 Underground Conductors and Devices	8,470,430	35,764	0			8,506,194
10	368 Line Transformers	5,099,165	88,982	(1,068)			5,187,079
11	369 Services	579,899	14,939	0			594,838
12	370 Meters	1,197,216	92,702	0			1,289,918
13	371 Installations on Customer's Premises	0	0	0			0
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Street Light and Signal Systems	1,673,505	18,249	0			1,691,754
16	Total Distribution Plant	48,118,681	1,442,553	(73,977)	0	0	49,487,257
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0	0		0
19	390 Structures and Improvements	10,316,651	0	0			10,316,651
20	391 Office Furniture and Equipment	2,634,389	117,448				2,751,837
21	392 Transportation Equipment	2,609,626	110,499	(47,190)			2,672,935
22	393 Stores Equipment	67,606	0	0			67,606
23	394 Tools, Shop and Garage Equipment	375,943	98,944	0			474,887
24	395 Laboratory Equipment	118,210	0	0			118,210
25	396 Power Operated Equipment	0	0	0			0
26	397 Communication Equipment	1,076,216	20,229	0			1,096,445
27	398 Miscellaneous Equipment	77,840	2,111	0			79,951
28	399 Other Tangible Property	0	0	0			0
29	Total General Plant	17,276,481	349,231	(47,190)	0	0	17,578,522
30	Total Electric Plant in Service	67,619,464	1,791,784	(121,167)	0	0	69,290,081
31							Total Cost of Electric Plant..... 69,290,081
33							Less Cost of Land, Land Rights, Rights of Way..... 434,863
34							Total Cost upon which Depreciation is based 68,855,218

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

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COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)	
1	UTILITY PLANT				
2	101 Utility Plant - Electric (P. 17)	25,132,520	23,893,928	(1,238,592)	
3	101 Utility Plant - Gas (P. 20)	0	0	0	
4					
5	Total Utility Plant	25,132,520	23,893,928	(1,238,592)	
6					
7					
8					
9					
10					
11	FUND ACCOUNTS				
12	125 Sinking Funds	0	0	0	
13	126 Depreciation Fund (P. 14)	19,062,874	22,629,567	3,566,693	
14	128 Other Special Funds	9,298,224	9,292,668	(5,556)	
15	Total Funds	28,361,098	31,922,235	3,561,137	
16	CURRENT AND ACCRUED ASSETS				
17	131 Cash (P. 14)	7,049,835	7,503,502	453,667	
18	132 Special Deposits	1,881,024	1,971,754	90,730	
19	135 Working Funds	800	800	0	
20	141 Notes Receivable	0	0	0	
21	142 Customer Accounts Receivable	2,802,152	2,907,072	104,920	
22	143 Other Accounts Receivable	315,958	1,024,673	708,715	
23	146 Receivables from Municipality			0	
24	151 Materials and Supplies (P. 14)	1,084,336	1,259,895	175,559	
25					
26	165 Prepayments	2,531,871	2,303,610	(228,261)	
27	174 Miscellaneous Current Assets	351,884	351,884	0	
28	Total Current and Accrued Assets	16,017,860	17,323,190	1,305,331	
29	DEFERRED DEBITS				
30	181 Unamortized Debt Discount	0	0	0	
31	182 Extraordinary Property Losses	0	0	0	
32	185 Other Deferred Debits	1,470,813	1,344,390	(126,423)	
33	Total Deferred Debits	1,470,813	1,344,390	(126,423)	
34					
35	Total Assets and Other Debits	70,982,291	74,483,743	3,501,452	

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)	45,512,835	48,951,296	3,438,461
8		Total Surplus	50,015,580	53,454,041	3,438,461
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	1,551,572	1,231,458	(320,114)
15	234	Payables to Municipality	480,272	476,957	(3,315)
16	235	Customers' Deposits	1,881,024	1,993,135	112,111
17	236	Taxes Accrued	11,443	9,123	(2,320)
18	237	Interest Accrued	0	0	0
19	242	Miscellaneous Current and Accrued Liabilities	134,133	103,228	(30,905)
20		Total Current and Accrued Liabilities	4,058,444	3,813,901	(244,543)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	0	0	0
23	252	Customer Advances for Construction	90,050	0	(90,050)
24	253	Other Deferred Credits	1,831,846	2,368,197	536,351
25		Total Deferred Credits	1,921,896	2,368,197	446,301
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	4,555,288	3,472,814	(1,082,474)
31	265	Miscellaneous Operating Reserves	8,928,133	9,796,563	868,430
32		Total Reserves	13,533,421	13,319,377	(214,044)
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	1,452,950	1,528,227	75,277
35		Total Liabilities and Other Credits	70,982,291	74,483,743	3,501,452

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)	33,602,473	2,798,176
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	25,510,459	782,136
5	402 Maintenance Expense	1,292,933	(293,861)
6	403 Depreciation Expense	3,359,224	64,683
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	30,162,616	552,958
11	Operating Income	3,439,857	2,245,218
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	3,439,857	2,245,218
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	428,594	392,015
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	428,594	392,015
20	Total Income	3,868,451	2,637,233
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(49,006)	(1,249)
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(49,006)	(1,249)
25	Income Before Interest Charges	3,917,457	2,638,482
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	2,039	(37,713)
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	2,039	(37,713)
33	NET INCOME	3,915,418	2,676,195
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		45,512,835
35			
36			
37	433 Balance Transferred from Income		3,915,418
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	476,957	
40	436 Appropriations of Surplus (P. 21)	0	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	48,951,296	
43			
44	TOTALS	49,428,253	49,428,253

CASH BALANCES AT END OF YEAR					
Line No.	Items (a)	Amount (b)			
1	Operating Cash	7,503,502			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12	TOTAL	7,503,502			
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)	1,259,895			
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			1,259,895	0
DEPRECIATION FUND ACCOUNT (Account 126)					
Line No.	(a)	Amount (b)			
24	DEBITS				
25	Balance of account at beginning of year	19,062,874			
26	Income during year from balance on deposit (interest)	313,619			
27	Amount transferred from income (depreciation)	3,359,220			
28	Miscellaneous transfers				
29	TOTAL	22,735,713			
30	CREDITS				
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	106,146			
32	Miscellaneous transfers				
33					
34					
35					
36					
37					
38					
39	Balance on hand at end of year	22,629,567			
40	TOTAL	22,735,713			

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	0		0	430,299
22	351 Clearing Land and Rights of Way	0	0	0		0	0
23	352 Structures and Improvements	0	0	0		0	0
24	353 Station Equipment	0	0	0		0	0
25	354 Towers and Fixtures	0	0	0		0	0
26	355 Poles and Fixtures	0	0	0		0	0
27	356 Overhead Conductors and Devices	0	0	0		0	0
28	357 Underground Conduit	0	0	0		0	0
29	358 Underground Conductors and Devices	0	0	0		0	0
30	359 Roads and Trails	0	0	0		0	0
31	Total Transmission Plant	430,299	0	0	0	0	430,299

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	0	4,564
3	361 Structures and Improvements	201	110,523	575	0	0	110,149
4	362 Station Equipment	1,094,467	0	268,872	0	0	825,595
5	363 Storage Battery Equipment	0	0	0	0	0	0
6	364 Poles Towers and Fixtures	1,349,199	316,227	312,848	0	0	1,352,578
7	365 Overhead Conductors and Devices	4,665,085	765,167	955,332	(15,020)	0	4,459,900
8	366 Underground Conduit	689,762	0	135,764	0	0	553,998
9	367 Underground Conductors and Devices	3,117,249	35,764	423,522	0	0	2,729,491
10	368 Line Transformers	1,056,476	88,982	254,958	0	0	890,500
11	369 Services	(15,020)	14,939	0	15,020	0	14,939
12	370 Meters	1,039,069	92,702	59,861	0	0	1,071,910
13	371 Installations on Customer's Premises	0	0	0	0	0	0
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	144,740	18,249	83,675	0	0	79,314
16	Total Distribution Plant	13,145,792	1,442,553	2,495,407	0	0	12,092,938
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0	0	0	0
19	390 Structures and Improvements	8,303,728	0	515,833	0	0	7,787,895
20	391 Office Furniture and Equipment	963,383	117,448	131,719	0	0	949,112
21	392 Transportation Equipment	840,625	110,499	130,481	0	0	820,643
22	393 Stores Equipment	20,900	0	3,380	0	0	17,520
23	394 Tools, Shop and Garage Equipment	178,156	98,944	18,797	0	0	258,303
24	395 Laboratory Equipment	16,514	0	5,911	0	0	10,603
25	396 Power Operated Equipment	0	0	0	0	0	0
26	397 Communication Equipment	208,387	20,229	53,811	0	0	174,805
27	398 Miscellaneous Equipment	67,438	2,111	3,885	0	0	65,664
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	10,599,131	349,231	863,817	0	0	10,084,545
30	Total Electric Plant in Service	24,175,222	1,791,784	3,359,224	0	0	22,607,782
31	104 Utility Plant Leased to Others	0	0	0	0	0	0
32	105 Property Held for Future Use	0	0	0	0	0	0
33	107 Construction Work in Progress	957,298	590,757	0	0	(261,909)	1,286,146
34	Total Utility Plant Electric	25,132,520	2,382,541	3,359,224	0	(261,909)	23,893,928

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		Cost	
			(c)	(d)	(e)	(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		Cost	
			(h)	(i)	(j)	(k)
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

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

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	0
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Payment In Lieu of Taxes	476,957
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	476,957
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)	10,669,745	1,711,256	0.1604	
6						
7						
8						
9						
10						
11						
12		TOTALS	10,669,745	1,711,256	0.1604	
13		Street Lighting	636,684	105,000	0.1649	
14						
15						
16						
17						
18		TOTALS	636,684	105,000	0.1649	
19		TOTALS	11,306,429	1,816,256	0.1606	
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	17,283,210	1,147,509	92,610,294	(1,243,759)	9,584	95
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	3,628,259	475,388	19,162,810	1,455,220	927	4
5	Large Commercial C Sales	10,432,465	360,313	67,703,326	(2,896,094)	117	(17)
6	444 Municipal Sales	1,816,256	305,858	11,306,429	1,358,554	88	11
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	33,160,190	2,289,068	190,782,859	(1,326,079)	10,716	93
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	33,160,190	2,289,068	190,782,859	(1,326,079)	10,716	93
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	0	0				
16	451 Miscellaneous Service Revenues	442,283	134,505				
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	442,283	134,505				
26	Total Electric Operating Revenue	33,602,473	2,423,573				

* Includes revenues from application of fuel clauses \$

Total KWH to which applied 186,624,385

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	89,085,933	16,252,216	0.1824	8,806	8,789
2		E-9	931,541	183,452	0.1969	440	439
3		A-10-H	2,190,146	756,810	0.3456	226	224
4	442.000	B-9 Commercial	19,162,810	3,628,259	0.1893	931	927
5		C-7	67,703,326	10,432,465	0.1541	117	117
6	444.000	Street Lighting	636,684	105,000	0.1649	1	1
7		M-7	10,669,745	1,711,256	0.1604	87	87
8	445.000	S-4 Outdoor Lighting	402,674	90,732	0.2253	131	132
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			190,782,859	33,160,190	0.1738	10,739	10,716

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	15,890,823	745,825
27	556 System control and load dispatching	0	0
28	557 Other expenses	303,338	(2,063)
29	Total other power supply expenses	16,194,161	743,762
30	Total power production expenses	16,194,161	743,762
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	31,641	(3,567)
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	4,819,191	590,770
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	4,850,832	587,203
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	0
49	Total maintenance	0	0
50	Total transmission expenses	4,850,832	587,203

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	422,203	38,131
4	581 Load dispatching (Operation Labor)	232,672	(74,588)
5	582 Station expenses	17,963	2,312
6	583 Overhead line expenses	0	(3,796)
7	584 Underground line expenses	1,502	(484)
8	585 Street lighting and signal system expenses	35,497	5,265
9	586 Meter expenses	92,685	(48,895)
10	587 Customer installations expenses	15,269	8,910
11	588 Miscellaneous distribution expenses	82,320	(178)
12	589 Rents	0	0
13	Total operation	900,111	(73,323)
14	Maintenance:		
15	590 Maintenance supervision and engineering	0	(52)
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	0	0
18	593 Maintenance of overhead lines	1,017,588	(332,872)
19	594 Maintenance of underground lines	0	0
20	595 Maintenance of line transformers	8,292	4,972
21	596 Maintenance of street lighting and signal systems	19,161	(17,576)
22	597 Maintenance of meters	0	0
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	1,045,041	(345,528)
25	Total distribution expenses	1,945,152	(418,851)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	125,200	56,033
30	903 Customer records and collection expenses	1,256,959	151,841
31	904 Uncollectible accounts	87,112	91,459
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	1,469,271	299,333
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	347,779	(14,737)
44	921 Office supplies and expenses	31,780	(4,738)
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	462,923	82,685
47	924 Property insurance	215,506	28,617
48	925 Injuries and damages	0	0
49	926 Employee pensions and benefits	955,818	(532,714)
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	82,278	13,134
53	931 Rents	0	0
54	Total operation	2,096,084	(427,753)

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	106,471		(80,410)
4	933 Transportation	141,421		37,920
5	Total administrative and general expenses	2,343,976		(470,243)
6	Total Electric Operation and Maintenance Expenses	26,803,392		741,204
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	16,194,161	0	16,194,161
14	Total power production expenses	16,194,161	0	16,194,161
15	Transmission Expenses	4,850,832	0	4,850,832
16	Distribution Expenses	900,111	1,045,041	1,945,152
17	Customer Accounts Expenses	1,469,271	0	1,469,271
18	Sales Expenses	0	0	0
19	Administrative and General Expenses	2,096,084	247,892	2,343,976
20	Total Electric Operation and			
21	Maintenance Expenses	25,510,459	1,292,933	26,803,392
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)			89.76%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			3,679,668
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					
17					
18					
19					
20					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

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								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
	* 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		9,361,192	(1,791)	63,317	318,900	380,426	\$0.0406	1
60 Minutes		322,300	171,111	80,378	9,049	260,538	\$0.8084	2
60 Minutes		4,143,062	523,334	456,724	15,091	995,149	\$0.2402	3
60 Minutes		5,574,401	178,862	33,644	7,599	220,105	\$0.0395	4
60 Minutes		4,132,468	136,993	25,680	6,288	168,961	\$0.0409	5
60 Minutes		16,174,066	356,086	74,077	1,174	431,337	\$0.0267	6
60 Minutes		1,993,548	45,189	9,130	145	54,464	\$0.0273	7
60 Minutes		32,985,585	729,409	151,074	2,394	882,877	\$0.0268	8
					581	581	N/A	9
			1,909		2,696	4,605	N/A	10
		4,377,556	(20,699)	461,244		440,545	\$0.1006	11
		3,477,120	1,738,662	259,575	19,706	2,017,943	\$0.5803	12
		56,945,320	(157,080)	2,979,168		2,822,088	\$0.0496	13
								14
		6,194,400		503,295		503,295	\$0.0813	15
		4,831,310		234,130		234,130	\$0.0485	16
			113,941			113,941	N/A	17
		5,290,130		212,863		212,863	\$0.0402	18
		5,596,821	(24,121)	555,484	(27,278)	504,085	\$0.0901	19
		2,955,942		197,049		197,049	\$0.0667	20
		4,791,509	(21,993)	451,226		429,233	\$0.0896	21
		10,214,013		484,943	(21,055)	463,888	\$0.0454	22
		2,270,187		162,182	(197,918)	(35,736)	(\$0.0157)	23
		1,757,756		124,507		124,507	\$0.0708	24
		6,113,182		531,847	(24,539)	507,308	\$0.0830	25
								26
					83,995	83,995	N/A	27
					64,055	64,055	N/A	28
					(114,755)	(114,755)	N/A	29
				(97,434)	182,902	85,468	N/A	
	TOTALS:	189,501,868	3,769,812	7,954,103	329,030	12,052,945		

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				194,745,877	189,521,868	5,224,009	3,837,878
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				194,745,877	189,521,868	5,224,009	3,837,878

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	3,837,878
14			
15			
16			
17			
18			
19			
20	TOTAL		3,837,878

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		189,501,868
9	(In (gross)	194,745,877	
10	Interchanges < Out (gross)	189,521,868	
11	(Net (Kwh)		5,224,009
12	(Received	0	
13	Transmission for/by others (wheeling) < Delivered	0	
14	(Net (Kwh)		0
15	TOTAL		194,725,877
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		190,782,859
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	2.02%	3,943,018
25	Unaccounted for losses		
26	Total energy losses		3,943,018
27	Energy losses as percent of total on line 1:	2.02%	
28	TOTAL		194,725,877

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	32,930	Tuesday	11	6:00 PM	60 min	17,694,090
30	February	29,300	Tuesday	15	9:00 AM	60 min	14,755,760
31	March	26,360	Tuesday	1	12:00 PM	60 min	14,722,460
32	April	23,400	Wednesday	6	1:00 PM	60 min	12,682,720
33	May	43,320	Sunday	22	5:00 PM	60 min	15,013,980
34	June	40,481	Sunday	26	4:00 PM	60 min	16,409,327
35	July	53,570	Thursday	21	4:00 PM	60 min	22,353,880
36	August	54,570	Monday	8	4:00 PM	60 min	21,770,500
37	September	34,590	Sunday	4	5:00 PM	60 min	15,017,350
38	October	24,220	Friday	14	12:00 PM	60 min	13,598,290
39	November	26,310	Monday	21	8:00 PM	60 min	14,028,340
40	December	29,850	Wednesday	21	6:00 PM	60 min	16,679,180
41						TOTAL	194,725,877

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 MCM ASCR
2	EAST	STREET						
3	WEYMOUTH	SUBSTATION						
4	SUBSTATION	HINGHAM						
5								
6								
7								
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35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	TOTALS				0		0	

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

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give

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

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment			
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)	
1	HOBART STREET	Distribution	115	13.8		120,000	3	0	0	0	0	
2		Unattended										
3												
4												
5												
6												
7												
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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:	8,512	11,861	2,372	134,898
17	Additions during year:				
18	Purchased	16	112	9	1,888
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	16	112	9	1,888
22	Reductions during year:				
23	Retirements	0	22	2	15
24	Associated with utility plant sold				
25	Total Reductions		22	2	15
26	Number at end of year	8,528	11,951	2,379	136,771
27	In stock		1,041	301	26,501
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		10,910	2,078	110,270
31	In company's use				
32	Number at end of year		11,951	2,379	136,771

*

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	New Additions 2019	0.078	0.610	13.8KV		
26						
27	New Additions 2019	0.130	0.120	600V		
28						
29	New Addition 2020	0.280	0.19	13.8KV		
30						
31	New Addition 2020	0.120	0.06	600v		
32						
33	new additions 2021	0.152	0.151	600v		
34						
35	New Addition 2021	0.175	0.482	13.8KV		
36						
37	New Addition 2022	0.131	0.145	600V		
38						
39	New Addition 2022	0.172	0.283	13.8KV		
40						
41						
42						
43						
44						
45						
46						
47						
48	TOTALS	28.952	90.280		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		LED		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	HINGHAM	3,169	0	0	0	0	2,369	0	304	496
2										
3										
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49										
50										
51										
52	TOTALS	3,169	0	0	0	0	2369	0	304	496

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
		
Thomas Morahan	General Manager	Manager of Electric Light
.....)
		
Laura Burns	Chairman	
.....)
		
Michael Reive	Vice Chair	Selectmen or Members of the Municipal Light Board
.....)
		
Tyler Herrald	Secretary	
.....)
.....)
.....)

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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