



The Commonwealth of Massachusetts

RETURN

OF THE

MUNICIPAL LIGHT DEPARTMENT

OF THE

TOWN OF IPSWICH

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: Interim Manager of Electric Light

Dylan Lewellyn

Office Address: 272 High Street
Ipswich MA 01938

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

The Board of Commissioners
Ipswich Electric Light Department
Ipswich, MA 01938

Management is responsible for the accompanying financial statements of Ipswich Electric Light Department, which comprise the balance sheet as of December 31, 2022, and the related statement of income and retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally 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 assurance on the financial statements included in the accompanying prescribed form.

The financial statements included in the accompanying prescribed form are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, and are not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America.

This report is intended solely for the information and use of Ipswich Electric Light Department 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
September 14, 2023

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GENERAL INFORMATION**Page 3**

- | | | |
|-----|---|--|
| 1. | Name of town (or city) making report. | Ipswich |
| 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, ; No, Second vote: Yes, ; No,
Date when town (or city) began to sell gas and electricity, | Electric

1904 |
| 3. | Name and address of manager of municipal lighting:

Dylan Lewellyn 272 High Street Ipswich, MA 01938 | |
| 4. | Name and address of mayor or selectmen:

Sarah Player 25 Green Street Ipswich, MA 01938
Carl Nylén 25 Green Street Ipswich, MA 01938
Charles Surpitski 25 Green Street Ipswich, MA 01938
Linda D. Alexson 25 Green Street Ipswich, MA 01938
Michael Dougherty 25 Green Street Ipswich, MA 01938 | |
| 5. | Name and address of town (or city) treasurer:

Kevin Merz 25 Green Street Ipswich, MA 01938 | |
| 6. | Name and address of town (or city) clerk:

Amy Akell 25 Green Street Ipswich, MA 01938 | |
| 7. | Names and addresses of members of municipal light board:

Same as Selectmen, Above | |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 3,729,013,662 |
| 9. | Tax rate for all purposes during the year: | \$12.86 |
| 10. | Amount of manager's salary: | Manager of Electric Light \$160,911 |
| 11. | Amount of manager's bond: | None |
| 12. | Amount of salary paid to members of municipal light board (each): | None |

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

		Amount
INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas	0
2	From sales of electricity	20,769,617
3	TOTAL	20,769,617
4		
5	EXPENSES	
6	For operation, maintenance and repairs	18,971,148
7	For interest on bonds, notes or scrip	130,867
8	For depreciation fund (4% 36,188,709 (ex land) as per page 8B)	1,447,548
9	For sinking fund requirements	0
10	For note payments	0
11	For bond payments	420,240
12	For loss in preceding year	0
13	TOTAL	20,969,803
14		
15	COST:	
16	Of gas to be used for municipal buildings	0
17	Of gas to be used for street lights	0
18	Of electricity to be used for municipal buildings	1,022,560
19	Of electricity to be used for street lights	55,020
20	Total of above items to be included in the tax levy	1,077,580
21		
22	New construction to be included in the tax levy	0
23	Total amounts to be included in the tax levy	1,077,580

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
	None	Ipswich	7,184
TOTAL	0	TOTAL	7,184

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

*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	55,020
2. Municipal buildings	1,022,560
3.	
	TOTAL <u>1,077,580</u>

* Date of meeting and whether regular or special ** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

- 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:

System-wide Advanced Metering Infrastructure implementation over the next 3 years

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	
Sept. 28, 1903	Oct. 01, 1903	25,000					
Dec. 14, 1903	Dec. 15, 1903	5,000					
March 07, 1904	Dec. 04, 1904	6,000					
March 27, 1905	May 01, 1905	4,000					
March 06, 1906	Dec. 06, 1906	2,000					
March 07, 1907	June 15, 1907	2,000					
March 04, 1908	June 30, 1908	2,000					
March 04, 1909	June 15, 1909	2,000					
March 04, 1910	June 30, 1910	2,000					
March 07, 1910	Oct. 01, 1910	10,000					
June 24, 1910	Dec. 10, 1910	6,000					
March 11, 1911	June 29, 1911	2,000					
March 07, 1912	June 30, 1913	2,000					
March 07, 1913	June 30, 1914	2,000					
March 03, 1914	June 13, 1914	2,000					
March 02, 1915	June 30, 1915	2,000					
March 07, 1916	June 30, 1916	2,000					
March 07, 1917	June 30, 1917	2,000					
March 11, 1918	June 01, 1918	2,000					
March 03, 1919	July 01, 1919	6,000					
Dec. 07, 1921	Dec. 15, 1921	4,000					
March 06, 1922	Dec. 04, 1922	5,000					
March 03, 1924	June 15, 1924	21,900	(A)				
March 07, 1927	Aug. 15, 1927	40,000					
March 30, 1930	July 15, 1930	35,000					
Oct. 03, 1931	Dec. 21, 1931	10,000					
April 30, 1934	June 15, 1934	25,000					
Dec. 29, 1936	March 15, 1937	30,000					

Bonds (Issued on Account of Gas or Electric Lighting.)							
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
March 06, 1951	Dec. 01, 1951	70,000					
March 02, 1954	Dec. 01, 1954	90,000					
March 05, 1956	Dec. 01, 1956	185,000					
March 03, 1958	Dec. 05, 1958	100,000	(B)				
March 03, 1958	June 01, 1959	120,000					
March 06, 1961	June 15, 1961	185,000					
March 03, 1969	Aug. 15, 1969	225,000					
March 05, 1973	July 15, 1969	100,000	(C)				
March 05, 1973	Dec. 01, 1973	175,000					
April 07, 1980	June 15, 1980	200,000					
October 19, 1998	Nov. 15, 1999	900,000					
April 02, 2001	Nov. 15, 2003	50,000					
October 30, 2007	June 01, 2008	6,000,000	271,440	Annually	3.25-4.10%	Semi Annually	1,317,930
October 30, 2007	April 1, 2010	600,000	37,590	Annually	2.00-5.00%	Semi Annually	75,630
May 13, 2008	June 14, 2011	2,642,000	126,820	Annually	2.00-5.00%	Semi Annually	803,540
(A) Refunded July 15, 1924		(21,900)					
(B) Refunded Dec. 05, 1958		(100,000)					
(C) Refunded Dec. 01, 1973		(100,000)					
	TOTAL	11,679,000	435,850			TOTAL	2,197,100

TOTAL COST OF PLANT - ELECTRIC

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

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

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						NONE
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						NONE
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						NONE
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
	Total Nuclear Production Plant	0	0	0	0	0	0

TOTAL COST OF PLANT - 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						NONE
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	841	0	0			841
12	341 Structures and Improvements	518,112	650	0			518,762
13	342 Fuel Holders, Producers and Accessories	114,371	0	0			114,371
14	343 Prime Movers	4,035,609	11,705	0			4,047,314
15	344 Generators	3,813,221	0	0			3,813,221
16	345 Accessory Electric Equipment	371,001	0	0			371,001
17	346 Miscellaneous Power Plant Equipment	856,570	90,350	0			946,920
18	Total Other Production Plant	9,709,725	102,705	0	0	0	9,812,430
19	Total Production Plant	9,709,725	102,705	0	0	0	9,812,430
20	3. Transmission Plant						
21	350 Land and Land Rights	17,707	0	0			17,707
22	351 Clearing Land and Rights of Way	4,428	0	0			4,428
23	352 Structures and Improvements	0	0	0			0
24	353 Station Equipment	0	0	0			0
25	354 Towers and Fixtures	0	0	0			0
26	355 Poles and Fixtures	1,049,718	0	0			1,049,718
27	356 Overhead Conductors and Devices	914,321	0	0			914,321
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	1,986,174	0	0	0	0	1,986,174

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	0	0	0			0	
3	361 Structures and Improvements	1,471	0	0			1,471	
4	362 Station Equipment	9,124,249	17,547	0			9,141,796	
5	363 Storage Battery Equipment	0	0	0			0	
6	364 Poles Towers and Fixtures	2,434,468	81,202	17,595			2,498,075	
7	365 Overhead Conductors and Devices	1,931,490	56,134	29,819			1,957,805	
8	366 Underground Conduit	128,247	2,128	0			130,375	
9	367 Underground Conductors and Devices	1,699,832	21,747	0			1,721,579	
10	368 Line Transformers	2,268,761	208,303	6,937			2,470,127	
11	369 Services	870,699	57,875	0			928,574	
12	370 Meters	237,315	13,155	140,568			109,902	
13	371 Installations on Customer's Premises	1,481,596	194,545	6,820			1,669,321	
14	372 Leased Prop on Customer's Premises	0	0	0			0	
15	373 Streetlight and Signal Systems	441,451	516	0			441,967	
16	Total Distribution Plant	20,619,579	653,152	201,739	0	0	21,070,992	
17	5. GENERAL PLANT							
18	389 Land and Land Rights	0	0	0			0	
19	390 Structures and Improvements	707,430	39,863	0			747,293	
20	391 Office Furniture and Equipment	494,959	0	0			494,959	
21	392 Transportation Equipment	1,414,315	1,639	0			1,415,954	
22	393 Stores Equipment	6,996	0	0			6,996	
23	394 Tools, Shop and Garage Equipment	211,902	1,800	0			213,702	
24	395 Laboratory Equipment	70,471	0	0			70,471	
25	396 Power Operated Equipment	0	0	0			0	
26	397 Communication Equipment	84,110	1,320	0			85,430	
27	398 Miscellaneous Equipment	188,759	29,903	0			218,662	
28	399 Other Tangible Property	88,622	0	0			88,622	
29	Total General Plant	3,267,564	74,525	0	0	0	3,342,089	
30	Total Electric Plant in Service	35,583,042	830,382	201,739	0	0	36,211,685	
31	Total Cost of Electric Plant.....							36,211,685
33	Less Cost of Land, Land Rights, Rights of Way.....							22,976
34	Total Cost upon which Depreciation is based							36,188,709
The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.								

COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	14,495,697	14,081,476	(414,221)
3	101	Utility Plant - Gas (P. 20)	0	0	0
4					
5		Total Utility Plant	14,495,697	14,081,476	(414,221)
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	0	0	0
13	126	Depreciation Fund (P. 14)	690,012	1,398,642	708,630
14	128	Other Special Funds	3,202,969	3,631,700	428,731
15		Total Funds	3,892,981	5,030,342	1,137,361
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	948,761	1,152,584	203,823
18	132	Special Deposits	150,607	72,813	(77,794)
19	135	Working Funds	300	0	(300)
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	555,777	369,696	(186,081)
22	143	Other Accounts Receivable	0	0	0
23	146	Receivables from Municipality	0	0	0
24	151	Materials and Supplies (P. 14)	146,785	137,818	(8,967)
25	165	Prepayments	1,905,656	2,525,856	620,200
26	174	Miscellaneous Current Assets	0	0	0
27		Total Current and Accrued Assets	3,707,886	4,258,767	550,881
28		DEFERRED DEBITS			
29	181	Unamortized Debt Discount	60,584	51,299	(9,285)
30	182	Extraordinary Property Losses	0	0	0
31	185	Other Deferred Debits	1,979,959	2,727,462	747,503
32		Total Deferred Debits	2,040,543	2,778,761	738,218
33					
34		Total Assets and Other Debits	24,137,107	26,149,346	2,012,239

COMPARATIVE BALANCE SHEET Liabilities and Other Credits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	0	0	0
3		SURPLUS			
4	205	Sinking Fund Reserves	0	0	0
5	206	Loans Repayment	0	0	0
6	207	Appropriations for Construction Repayments	0	0	0
7	208	Unappropriated Earned Surplus (P. 12)	9,598,600	10,761,783	1,163,183
8		Total Surplus	9,598,600	10,761,783	1,163,183
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	2,617,340	2,197,100	(420,240)
11	231	Notes Payable (P. 7)	0	0	0
12		Total Bonds and Notes	2,617,340	2,197,100	(420,240)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	1,922,754	2,321,741	398,987
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	146,077	83,139	(62,938)
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	32,717	27,464	(5,253)
19	242	Miscellaneous Current and Accrued Liabilities	255,500	240,199	(15,301)
20		Total Current and Accrued Liabilities	2,357,048	2,672,543	315,495
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	502,833	425,203	(77,630)
23	252	Customer Advances for Construction	0	0	0
24	253	Other Deferred Credits	4,634,075	5,438,332	804,257
25		Total Deferred Credits	5,136,908	5,863,535	726,627
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	229,506	100,000	(129,506)
28	261	Property Insurance Reserve	0	0	0
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	4,197,405	3,959,723	(237,682)
31	265	Miscellaneous Operating Reserves	300	594,662	594,362
32		Total Reserves	4,427,211	4,654,385	227,174
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	0	0	0
35		Total Liabilities and Other Credits	24,137,107	26,149,346	2,012,239

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)	20,587,994	2,495,863
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	16,661,947	2,795,410
5	402 Maintenance Expense	1,136,361	227,154
6	403 Depreciation Expense	1,244,603	233,765
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	19,042,911	3,256,329
11	Operating Income	1,545,083	(760,466)
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	1,545,083	(760,466)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	0	0
17	419 Interest Income	25,233	17,288
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	25,233	17,288
20	Total Income	1,570,316	(743,178)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	0	0
23	426 Other Income Deductions	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	1,570,316	(743,178)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	125,614	(26,493)
28	428 Amortization of Debt Discount and Expense	9,285	0
29	429 Amortization of Premium on Debt - Credit	(77,630)	(26,185)
30	431 Other Interest Expense	119	(400)
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	57,388	(53,078)
33	NET INCOME	1,512,928	(690,100)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		9,598,600
35			
36	433 Balance Transferred from Income		1,512,928
37	434 Miscellaneous Credits to Surplus (P. 21)		0
38	435 Miscellaneous Debits to Surplus (P. 21)	0	
39	436 Appropriations of Surplus (P. 21)	349,745	
40	437 Surplus Applied to Depreciation	0	
41	208 Unappropriated Earned Surplus (at end of period)	10,761,783	
42			
43			
44	TOTALS	11,111,528	11,111,528

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operating Fund	1,152,584	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
	TOTAL	1,152,584	
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)	59,346	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	78,472	
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	137,818	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	690,012	
26	Income during year from balance on deposit (interest)	26,109	
27	Amount transferred from income (depreciation)	1,178,701	
28	Amount transferred in from surplus & other transfers in	777,904	
29			
	TOTAL	2,672,726	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	1,274,084	
32	Amounts expended for renewals,viz:-		
33	Bond Princpal Payment	0	
34	Amount repaid to Rate Stabilization		
35			
36			
37			
38			
39	Balance on hand at end of year	1,398,642	
40			
	TOTAL	2,672,726	

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	841	0	0			841
12	341 Structures and Improvements	161,144	650	22,481			139,313
13	342 Fuel Holders, Producers and Accessories	5,394	0	749			4,645
14	343 Prime Movers	706,863	11,705	99,843			618,725
15	344 Generators	1,068,532	0	148,470			920,062
16	345 Accessory Electric Equipment	24,158	0	3,357			20,801
17	346 Miscellaneous Power Plant Equipment	376,806	90,350	64,910			402,246
18	Total Other Production Plant	2,343,738	102,705	339,810	0	0	2,106,633
19	Total Production Plant	2,343,738	102,705	339,810	0	0	2,106,633
20	3. Transmission Plant						
21	350 Land and Land Rights	17,707	0	0			17,707
22	351 Clearing Land and Rights of Way	4,428	0	0			4,428
23	352 Structures and Improvements	0	0	0			0
24	353 Station Equipment	0	0	0			0
25	354 Towers and Fixtures	0	0	0			0
26	355 Poles and Fixtures	504,838	0	37,162			467,676
27	356 Overhead Conductors and Devices	429,005	0	31,579			397,426
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	955,978	0	68,741	0	0	887,237

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	0	0	0			0
3	361 Structures and Improvements	7,658	0	518			7,140
4	362 Station Equipment	3,426,641	17,547	233,056			3,211,132
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	1,067,990	81,202	77,762			1,071,430
7	365 Overhead Conductors and Devices	974,090	56,134	69,712			960,512
8	366 Underground Conduit	10,306	2,128	841			11,593
9	367 Underground Conductors and Devices	1,010,752	21,747	69,866			962,633
10	368 Line Transformers	704,544	208,303	61,769			851,078
11	369 Services	532,178	57,875	39,927			550,126
12	370 Meters	594,410	13,155	41,112			566,453
13	371 Installations on Customer's Premises	1,132,567	194,545	89,801			1,237,311
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	551,022	516	37,321			514,217
16	Total Distribution Plant	10,012,158	653,152	721,685	0	0	9,943,625
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0				0
19	390 Structures and Improvements	178,841	39,863	19,877			198,827
20	391 Office Furniture and Equipment	74,547	0	6,775			67,772
21	392 Transportation Equipment	650,278	1,639	59,250			592,667
22	393 Stores Equipment	2,340	0	213			2,127
23	394 Tools, Shop and Garage Equipment	78,836	1,800	7,329			73,307
24	395 Laboratory Equipment	9,252	0	841			8,411
25	396 Power Operated Equipment	0	0	0			0
26	397 Communication Equipment	29,651	1,320	2,815			28,156
27	398 Miscellaneous Equipment	97,364	29,903	11,567			115,700
28	399 Other Tangible Property	62,714	0	5,700			57,014
29	Total General Plant	1,183,823	74,525	114,367	0	0	1,143,981
30	Total Electric Plant in Service	14,495,697	830,382	1,244,603	0	0	14,081,476
31	104 Utility Plant Leased to Others	0	0	0			0
32	105 Property Held for Future Use	0	0	0			0
33	107 Construction Work in Progress	0	0	0			0
34	Total Utility Plant Electric	14,495,697	830,382	1,244,603	0	0	14,081,476

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			
			NUMBER 2 DIESEL		NATURAL GAS	
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	\$ 24,654	13,509	\$ 24,654		
2	Received During Year	38,433	10,837	38,433	0	0
3	TOTAL	\$ 63,087	24,346	\$ 63,087	0	0
4	Used During Year (Note A)				0	0
5	Prime Mover Fuel	11,115	7,822	11,115		
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	11,115	7,822	11,115	0	0
13	BALANCE END OF YEAR	\$ 51,972	16,524	\$ 51,972	0	0
			Kinds of Fuel and Oil - continued			
Line No.	Item (g)	LUBE OIL				
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)	
14	On Hand Beginning of Year		275	\$ 6,749		
15	Received During Year		440	12,226		
16	TOTAL		715	\$ 18,975		
17	Used During Year (Note A)					
18	Prime Mover lubricants		275	6,451		
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF		275	6,451		
26	BALANCE END OF YEAR		440	12,524		

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		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	0
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Payment In Lieu of Taxes	349,745
34		
35		
36		
37		
38		
39		
40	TOTAL	349,745

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	4442	Municipal Building M1: (Other Than Street Lighting)	3,208,028	680,474	0.2121	
6	4443	Municipal Building M2: (Other Than Street Lighting)	1,654,541	342,086	0.2068	
7						
8						
9						
10						
11						
12		TOTALS	4,862,569	1,022,560	0.2103	
13	4441	Street Lighting	340,401	55,020	0.1616	
14						
15						
16						
17						
18		TOTALS	340,401	55,020	0.1616	
19		TOTALS	5,202,970	1,077,580	0.2071	
PURCHASED POWER (Account 555)						
Line No.	Names of Utilities from Which Electric Energy is Purchased (a)		Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20	See Pages 54 and 55					
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	None					
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	9,529,590	1,331,355	49,121,516	(1,509,441)	6,166	39
3	442 Commercial and Industrial Sales:						
4	Small Commercial B Sales	1,003,509	150,716	5,220,818	205,164	736	6
5	Large Commercial C Sales	9,139,934	1,173,370	49,582,087	(131,384)	229	10
6	444 Municipal Sales	1,077,580	217,531	5,202,970	(55,609)	58	8
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	35,222	563	175,000	0	113	1
11	Total Sales to Ultimate Consumers	20,785,835	2,873,535	109,302,391	(1,491,270)	7,302	64
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	20,785,835	2,873,535	109,302,391	(1,491,270)	7,302	64
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	(496,870)	(78,990)				
16	451 Miscellaneous Service Revenues	238,851	(322,757)				
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	60,178	24,075				
21							
22							
23							
24							
25	Total Other Operating Revenues	(197,841)	(377,672)				
26	Total Electric Operating Revenue	20,587,994	2,495,863				

* Includes revenues from application of fuel clauses \$ 20,695,593

Total KWH to which applied 108,786,990

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	4400	Residential A	49,121,516	9,529,590	0.1940	6,151	6,181
2	4420	Commercial	5,220,818	1,003,509	0.1922	730	741
3	4421	Industrial	49,582,087	9,139,934	0.1843	215	242
4	4422	Municipal Building M1	3,208,028	680,474	0.2121	31	45
5	4423	Municipal Building M2	1,654,541	342,086	0.2068	17	20
6	4440	Municipal Street Lighting	340,401	55,020	0.1616	1	1
7	4424	Outdoor Area Lighting	175,000	35,222	0.2013	111	114
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			109,302,391	20,785,835	0.1902	7,256	7,344

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	97,848	(2,181)
13	547 Fuel	29,802	(22,809)
14	548 Generation Expenses	447,484	(85,725)
15	549 Miscellaneous other power generation expense	1,168	(254)
16	550 Rents	0	0
17	Total Operation	576,302	(110,969)
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	150,261	(151,755)
22	554 Maintenance of miscellaneous other power generation plant	61,760	4,189
23	Total Maintenance	212,021	(147,566)
24	Total power production expenses - other power	788,323	(258,535)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	9,219,377	1,535,348
27	556 System control and load dispatching	0	0
28	557 Other expenses	122,365	(8,749)
29	Total other power supply expenses	9,341,742	1,526,599
30	Total power production expenses	10,130,065	1,268,064
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	0	0
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	4,211,645	1,511,432
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	4,211,645	1,511,432
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	4,211,645	1,511,432

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	34,001	(6,434)
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses Transportation	26,636	16,774
6	583 Overhead line expenses	84,708	33,338
7	584 Underground line expenses	3,750	3,580
8	585 Street lighting and signal system expenses	0	0
9	586 Meter expenses	75,263	17,274
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	830,529	42,830
12	589 Rents	0	0
13	Total operation	1,054,887	107,362
14	Maintenance:		
15	590 Maintenance supervision and engineering	85,002	(13,167)
16	591 Maintenance of structures	7,031	(8,109)
17	592 Maintenance of station equipment	51,920	(2,242)
18	593 Maintenance of overhead lines	949,864	260,483
19	594 Maintenance of underground lines	0	0
20	595 Maintenance of line transformers	0	(2,291)
21	596 Maintenance of street lighting and signal systems	7,276	(8,301)
22	597 Maintenance of meters	35,268	2,745
23	598 Maintenance of miscellaneous distribution plant	0	(1,964)
24	Total maintenance	1,136,361	227,154
25	Total distribution expenses	2,191,248	334,516
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	23,270	6,093
29	902 Meter reading expenses	18,551	679
30	903 Customer records and collection expenses	215,485	2,851
31	904 Uncollectible accounts	(129,506)	(129,506)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	127,800	(119,883)
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	410,424	(41,653)
44	921 Office supplies and expenses	108,124	10,311
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	157,652	36,968
47	924 Property insurance	63,571	10,829
48	925 Injuries and damages	22,837	(7,520)
49	926 Employee pensions and benefits	374,213	81,778
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	729	(62,278)
53	931 Rents	0	0
54	Total operation	1,137,550	28,435

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	0	0	
4	Total administrative and general expenses	1,137,550	28,435	
5	Total Electric Operation and Maintenance Expenses	17,798,308	3,022,564	
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power	788,323	0	788,323
12	Other Power Supply Expenses	9,341,742	0	9,341,742
13	Total power production expenses	10,130,065		10,130,065
14	Transmission Expenses	4,211,645		4,211,645
15	Distribution Expenses	1,054,887	1,136,361	2,191,248
16	Customer Accounts Expenses	127,800		127,800
17	Sales Expenses	0		0
18	Administrative and General Expenses	1,137,550	0	1,137,550
19	Total Electric Operation and			
20	Maintenance Expenses	16,661,947	1,136,361	17,798,308
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)			92.50%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			2,022,675
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			21

TAXES CHARGED DURING THE YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.
 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1	NONE								
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS	0	0	0					

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	NONE				
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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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	0			0
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0	0	0	0
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
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	TOTAL COSTS AND EXPENSES	0	0	0	0
50	Net Profit (or loss)	0	0	0	0

SALES FOR RESALE (Account 447) - Continued

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

integrated).

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

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

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
None								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
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								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42

**PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)**

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

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

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

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

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

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n) **	Total (o)		
60 MINUTES		5,520,703	42,314	34,210	191,200	267,724	\$0.0485	1
60 MINUTES		305,322	39,740	33,658	1,112	74,510	\$0.2440	2
60 MINUTES		358,710	8,007	1,643	26	9,676	\$0.0270	3
60 MINUTES		2,922,577	97,279	18,161	4,447	119,888	\$0.0410	4
60 MINUTES		2,569,113	85,169	15,965	3,909	105,043	\$0.0409	5
60 MINUTES		10,041,360	221,069	45,989	729	267,787	\$0.0267	6
60 MINUTES		1,237,882	28,060	5,670	90	33,819	\$0.0273	7
					950,051	950,051	N/A	8
					2,258,573	2,258,573	N/A	9
		40,752,000		1,732,182		1,732,182	\$0.0425	10
60 MINUTES		2,079,367	447,948			447,948	\$0.2154	11
60 MINUTES		958,400		55,731	318	56,049	\$0.0585	12
60 MINUTES		2,340,686		105,067	564	105,631	\$0.0451	13
60 MINUTES		1,885,732	390,258			390,258	\$0.2070	14
		2,450,373		125,096	600	125,696	\$0.0513	15
		0	0	0	0	0	N/A	16
		0	0	0	613,554	613,554	N/A	17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
	TOTALS:	73,422,225	1,359,844	2,173,372	4,025,174	7,558,389		32

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				120,614,610	82,140,770	38,473,840	5,994,998
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				120,614,610	82,140,770	38,473,840	5,994,998

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	5,791,221
14		NEPOOL EXPENSE	203,777
15			
16			
17			
18			
19			
20			
21	TOTAL		5,994,998

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					0		
4	Nuclear					0		
5	Hydro					0		
6	Other					3,972,531		
7	Total Generation					3,972,531		
8	Purchases							73,422,225
9		(In (gross)		120,614,610				
10	Interchanges	< Out (gross)		82,140,770				
11		(Net (Kwh)			38,473,840			
12		(Received		0				
13	Transmission for/by others (wheeling)	< Delivered		0				
14		(Net (Kwh)			0			
15	TOTAL							115,868,596
16	DISPOSITION OF ENERGY							
17	Sales to ultimate consumers (including interdepartmental sales)							109,302,391
18	Sales for resale							0
19	Energy furnished without charge							
20	Energy used by the company (excluding station use):							
21	Electric department only							1,333,221
22	Energy losses							
23	Transmission and conversion losses							0
24	Distribution losses							5,232,984
25	Unaccounted for losses							
26	Total energy losses							5,232,984
27	Energy losses as percent of total on line 15 4.52%							
28	TOTAL							115,868,596

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

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 Ipswich							
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	20,240	Tuesday	11	19:00	60 min	11,070,459
30	February	19,431	Monday	14	19:00	60 min	9,441,247
31	March	17,549	Tuesday	1	9:00	60 min	9,357,129
32	April	14,864	Friday	8	11:00	60 min	8,111,369
33	May	17,877	Sunday	22	19:00	60 min	8,595,457
34	June	20,115	Sunday	26	18:00	60 min	9,271,009
35	July	26,477	Thursday	21	16:00	60 min	12,127,872
36	August	28,199	Monday	8	18:00	60 min	12,124,769
37	September	18,687	Monday	12	16:00	60 min	8,711,962
38	October	15,420	Friday	14	13:00	60 min	8,373,908
39	November	16,274	Monday	21	19:00	60 min	8,640,429
40	December	17,731	Monday	12	18:00	60 min	10,042,986
41						TOTAL	115,868,596

GENERATING STATIONS

Page 58-59

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear)

Pages 58-59

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	Kind of plant (Steam, Hydro, Int. Comb.)	Internal Comb.	Wind Turbine		
2	Type of plant construction (conventional outdoor boiler, full outdoor, etc)	Conventional			
3	Year originally constructed	1904	May, 2011		
4	Year last unit installed	1984	May, 2011		
5	Total installed capacity (maximum generator name plate ratings in kw)	12,560	1,600		
6	Net peak demand on plant-kilowatts (60 min)	10.595	1,600		
7	Plant hours connected to load	30	2,182		
8	Net continuous plant capability, kilowatts:				
9	(a) when not limited by condenser water				
10	(b) when limited by condenser water				
11	Average number of employees	3			
12	Net generation, exclusive of station use	224,331	3,748,200		
13	Cost of plant (omit cents):				
14	Land and land rights	841			
15	Structures and improvements	518,762			
16	Reservoirs, dams and waterways				
17	Equipment costs	6,198,316	2,064,039		
18	Roads, railroads and bridges				
19	Total cost	6,717,919	2,064,039		
20	Cost per kw of installed capacity	534.866	1290.024		
21	Production expenses:				
22	Operation supervision and engineering	37,173	16,909		
23	Station labor	425,266	25,049		
24	Fuel	51,247			
25	Supplies & Expenses, including water	9,849			
26	Maintenance	178,427	40,821		
27	Rents				
28	Steam from other sources	0			
29	Steam transferred - credit	0			
30	Total production expenses	701,962	82,779		
31	Expenses per net Kwh (5 places)				
32	Fuel: Kind	#2 Fuel oil	Natural Gas		
33	Unit(coal-tons of 2,000 lb)(oil-barrels of 42 gals.)Gas-Mcu.ft.)(nuclear,indicate)	Barrels	M. cu. ft.		
34	Quantity (units) fuel consumed	186	1,648		
35	Average heat content of fuel (B.t.u. per lb of coal, per gal. of oil, or per cu.ft. of gas)	140,000	1,010,000		
36	Average cost of fuel per unit, del fob plant	65.797	6.838		
37	Average cost of fuel per unit consumed	85.955	6.838		
38	Average cost of fuel consumed per million B.t.u.		6.838		
39	Average cost of fuel consumed per kwh net gen	0.071	0.0030		
40	Average B.t.u. per kwh net generation	220	4,318		

STEAM GENERATING STATIONS					Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
HYDROELECTRIC GENERATING STATIONS					Pages 62-63
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
7					
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9					
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12					
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GENERATING STATIONS

COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(Except Nuclear)

Pages 64-65

PRIME MOVERS

Line No.	Name of Station (a)	Location of Station (b)	Diesel Other type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Engine #1 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1984	2	Direct
2	Engine #2 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1954	2	Direct
3	Engine #3 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1941	2	Direct
4	Engine #4 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1937	2	Direct
5	Engine #6 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1951	2	Direct
6	Engine #7 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1956	2	Direct
7	Engine #8 High Street	Ipswich, MA	Diesel	Cooper-Bessemer	1960	4	Direct
8	Engine #9 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1961	2	Direct
9	Engine #10 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1984	2	Direct
10	Engine #11 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1982	2	Direct
11	Engine #12 High Street	Ipswich, MA	Diesel	Fairbanks-Morse	1983	2	Direct
12							
13							
14	Ipswich Wind #1 - Town Farm Road	Ipswich, MA	Wind	General Electric	May 18, 2011		Direct
15							
16							
17							
18							
19							
20							
21							
22							

GENERATING STATIONS								Page 65		
COMBUSTION ENGINE AND OTHER GENERATING STATIONS (Except Nuclear) Pages 64-65										
PRIME MOVERS CONTINUED		Generators								
Rated hp. of Unit (h)	Total Rated hp. of Station Prime movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or dc. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station	Total Installed Generating Capacity in Kilowatts (name plate rating) (p)	Line No.	
1750	17,885	1984	4160	3	60	1,250	11	12,560	1	
1920		1954	4160	3	60	1,360			2	
1050		1941	2400	3	60	600			3	
875		1937	2400	3	60	600			4	
1600		1951	4160	3	60	1,140			5	
1920		1956	4160	3	60	1,360			6	
1600		1960	4160	3	60	1,140			7	
1920		1961	4160	3	60	1,360			8	
1750		1984	4160	3	60	1,250			9	
1750		1982	4160	3	60	1,250			10	
1750		1983	4160	3	60	1,250			11	
N/A	May 18, 2011		690	3	60	1,600	1	1600	12	
										13
										14
										15
										16
										17
										18
										19
										20
										21
					TOTALS	14,160	12	14,160	22	

GENERATING STATION STATISTICS (Small Stations)					Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
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46					

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	High Street	Vermette Court	23,000	Wood Pole		2.9	1	336 MCM Aluminum
2	Power Plant	Unit Sub-						
3	& Substation	Station						
4								
5	Vermette Ct	Fowler's Lane	23,000	Wood Pole		0.8	1	477 MCM Aluminum
6	Unit Sub-	Sub-Station						
7	Station							
8			23,000	Wood Pole		1.3	1	795 MCM Aluminum
9	High Street	Rowley-Ipswich						
10	Power Plant	Town Line						
11	Line #2373	Con New England	23,000	Wood Pole		1.3	1	795 MCM Aluminum
12		Power Co Line						
13								
14	High Street	Rowley-Ipswich	23,000	Wood Pole		1.3	1	795 MCM Aluminum
15	Power Plant	Town Line						
16	Line #2394	Con New England						
17		Power Co Line	23,000	Wood Pole		2.1	1	477 MCM Aluminum
18								
19	High Street	Fowler's Lane						
20	Sub-Station	Sub-Station	13,800	Wood Pole		2.2	1	336 MCM Aluminum
21								
22								
23	Ipswich Wind	Fowler's Lane	13,800	Wood Pole		2.2	1	336 MCM Aluminum
24	Town Farm Rd	Sub-Station						
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52	TOTALS				0	10.6	6	

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	Substation #6	Step down for purchased power from New England Power Company	23,000	13,800	0	20,000	1	0			
2	Vermette Court										
3	Transformer #1										
4	Substation #6	Step down for purchased power from New England Power Company	23,000	13,800	0	20,000	1	0			
5	Vermette Court										
6	Transformer #2										
7	Substation #4	Step down for purchased power from New England Power Company	23,000	7,970/13,800	0	9,375	1	0			
8	High Street										
9	Transformer #1										
10		Step down for purchased power from New England Power Company	23,000	7,970/13,800	0	10,500	1	0			
11	Substation #4										
12	High Street										
13	Transformer #2	Step down for purchased power from New England Power Company	23,000	7,970/13,800	0	10,500	1	0			
14											
15	Substation #5										
16	Fowler's Lane	Step down for purchased power from New England Power Company	23,000	7,970/13,800	-	11,000	1	0			
17											
18											
19	Substation #5	Step down for purchased power from New England Power Company	23,000	7,970/13,800	-	11,000	1	0			
20	Fowler's Lane										
21											
22		Step down for purchased power from New England Power Company	23,000	7,970/13,800	-	11,000	1	0			
25											
26											
			TOTALS			81,375	6	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	108.000	0.000	108.000
2	Added During Year	0.000		0.000
3	Retired During Year	0.000		0.000
4	Miles -- End of Year	108.000	0.000	108.000
5	*			
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
9				
10	Three-phase, AC distribution system, 60 cycles, 13,800 volts			
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:	6,795	7,554	1,037	54,216
17	Additions during year:				
18	Purchased	0	0	0	0
19	Installed	35	355	2	115
20	Associated with utility plant acquired				
21	Total Additions	35	355	2	115
22	Reductions during year:				
23	Retirements	1	306	0	0
24	Associated with utility plant sold				
25	Total Reductions	1	306	0	0
26	Number at end of year	6,829	7,603	1,039	54,331
27	In stock		298	47	4,300
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		7,294		
31	In company's use		11	992	50,031
32	Number at end of year		7,603	1,039	54,331

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	#2 Conductor	1.50	3.00	4,160		
2	#4 Duct Lane	1.00				
3	#2 Conductor	20.00	19.26	13,800		
4						
5						
6						
7						
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10			* Per circuit mile, measurement based on single-phase			
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47						
48						
49	TOTALS	23	22	17960	0	0

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

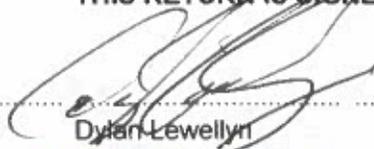
Line No.	City or Town (a)	Total (b)	Type							
			L. E. D.		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Ipswich	1,895	1,743	152	0	0	0	0	0	0
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52	TOTALS	1,895	1,743	152	0	0	0	0	0	0

RATE SCHEDULE INFORMATION

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

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		NO RATE CHANGE DURING 2022		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



Dylan Lewellyn

Interim Manager of Electric Light



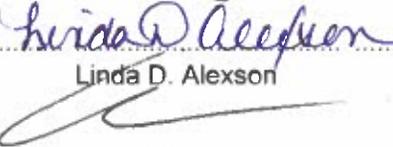
Stephen Crane

Town Manager



Sarah Player

Chair



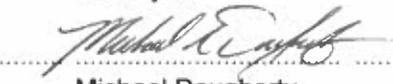
Linda D. Alexson

Commissioner



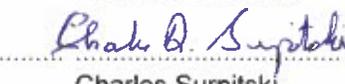
Carl Nylan

Commissioner



Michael Dougherty

Commissioner



Charles Surpitski

Commissioner

Selectmen
or
Members
of the
Municipal
Light
Board

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

SS

20

Then personally appeared

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

Notary Public or
Justice of the Peace

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