



The Commonwealth of Massachusetts

RETURN

OF THE

MUNICIPAL GAS & LIGHTING PLANT

OF THE

TOWN OF WAKEFIELD

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2023

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

Official Title: Peter D. Dion
General Manager

Office Address: 480 North Avenue
PO Box 190
Wakefield MA 01880

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FOR GAS PLANTS ONLY:

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- | | | | |
|-----|---|---------------------------------------|--|
| 1. | Name of town (or city) making report. | | Wakefield |
| 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, | | Gas & Electric

1894 |
| 3. | Name and address of manager of municipal lighting: | | |
| | Peter D. Dion 480 North Avenue | Wakefield MA 01880 | |
| 4. | Name and address of mayor or selectmen: | | |
| | Mehreen N. Butt One Lafayette Street | Wakefield MA 01880 | |
| | Jonathan P. Chines One Lafayette Street | Wakefield MA 01880 | |
| | Anne P. Danehy One Lafayette Street | Wakefield MA 01880 | |
| | Edward F. Dombroski Jr. One Lafayette Street | Wakefield MA 01880 | |
| | Michael J. McLane One Lafayette Street | Wakefield MA 01880 | |
| | Julie Smith-Galvin One Lafayette Street | Wakefield MA 01880 | |
| | Robert E. Vincent II One Lafayette Street | Wakefield MA 01880 | |
| 5. | Name and address of town (or city) treasurer: | | |
| | John J. McCarthy Jr. Five Common Street | Wakefield MA 01880 | |
| 6. | Name and address of town (or city) clerk: | | |
| | Betsy Sheeran One Lafayette Street | Wakefield MA 01880 | |
| 7. | Names and addresses of members of municipal light board: | | |
| | Thomas H. Boettcher 480 North Avenue | Wakefield MA 01880 | |
| | Sharon S. Daly 480 North Avenue | Wakefield MA 01880 | |
| | Jennifer L. Kallay 480 North Avenue | Wakefield MA 01880 | |
| | Elton Prifti 480 North Avenue | Wakefield MA 01880 | |
| | John J. Warchol 480 North Avenue | Wakefield MA 01880 | |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | | \$ 7,351,402,210 |
| 9. | Tax rate for all purposes during the year:
Residential 11.25
Commercial 21.70 | Residential 11.73
Commercial 22.46 | |
| 10. | Amount of manager's salary: | | \$209,165 |
| 11. | Amount of manager's bond: | | \$50,000 |
| 12. | Amount of salary paid to members of municipal light board (each): | | \$0 |

Annual Report of the Wakefield Municipal Gas & Light Department

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.

Line No.		Amount
	INCOME FROM PRIVATE CONSUMERS:	
1	From sales of gas	13,399,000
2	From sales of electricity	34,476,000
3	TOTAL	47,875,000
4		
5	EXPENSES	
6	For operation, maintenance and repairs	38,006,000
7	For interest on bonds, notes or scrip	332,000
8	For depreciation fund (5% 114,295,920 excludes land as per page 8 & 9)	5,714,796
9	For sinking fund requirements	-
10	For note payments	1,783,400
11	For bond payments	-
12	For loss in preceding year	-
13	TOTAL	45,836,196
14		
15	COST:	
16	Of gas to be used for municipal buildings	1,015,000
17	Of gas to be used for street lights	-
18	Of electricity to be used for municipal buildings	1,676,000
19	Of electricity to be used for street lights	188,200
20	Total of above items to be included in the tax levy	2,879,200
21	TOTAL	2,879,200
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	2,879,200

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 December 31.	City or Town	Number of Customers' Meters, December 31.
Wakefield	7,319	Wakefield	13,443
TOTAL	7,319	TOTAL	13,443

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At

*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	188,200
2. Municipal buildings	2,450,000
3.	
TOTAL	<u>2,638,200</u>

* 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:

The Department continues to upgrade its 5kV system to 13.8 kV resulting in improved system reliability. WMGLD will continue upgrading existing 5kV up to 13.8 kV into the foreseeable future.

WMGLD has continued to replace air circuit breakers, replacement will allow us to continue to utilization of current substation configuration to its full potential well into the future.

During calendar year 2023 WMGLD replaced and converted a large 4kV distribution circuit and began sitework at the former location of Burns Substation (4kV substation) to restore the site to a park.

Additionally, WMGLD continues the the upgrade of both gas & electric meter reading technologies and equipment to allow remote data collection. Significant efficiencies in the form of reduced vehicle rolls and diminution of labor costs have been the benefits of the AMR project.

Calendar year 2023 WMGLD continued to expand and revise energy efficiency programs as well as implementing a community based solar program

In Gas property:

WMGLD continues to take gas through the new meter and regulator facility.

The replacement program for cast iron mains with plastic mains as well as upgrading & replacing bare steel gas service lines with plastic lines is progressing as scheduled

Additionally, WMGLD continues its aggressive leak detection efforts resulting in identification, repair, and replacement of leaking mains & services.

Calendar year 2023 WMGLD was awarded a grant to address infrastructure in an environmental justice area

(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	
Nov-1904	Dec-1904	\$ 3,300					-
Nov-1905	Sep-1905	5,000					-
Jun-1913	Jul-1913	4,000					-
Mar-1914	May-1914	6,000					-
Jun-2012	Oct-2012	7,700,000					-
Jul-2014	Nov-2015	9,805,556	\$ 60,187	Monthly & at Maturity	3.15%	Monthly - Sub	\$ 5,194,728
Jul-2014	Nov-2015	564,167					-
Dec-2016	Dec-2016	6,280,000	598,027	Annually & at Maturity	2.40%	Monthly - CoOp	3,317,500
Mar-2017	Jan-2018	6,685,555	18,204	Monthly & at Maturity	3.02%	Monthly - Gen	757,274
Jul-2018	Mar-2019	2,827,499	20,394	Monthly & at Maturity	3.25%	Monthly - Batt	2,028,213
Jul-2018	Mar-2019	755,556					-
TOTAL		\$ 34,636,633	\$ 696,812			TOTAL	\$ 11,297,715

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

TOTAL COST OF PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.			effect of such amounts.		
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative			4. Reclassifications or transfers within utility plant accounts should be shown in column (f).		
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						NONE
2							
3							
4			-	-	-	-	-
5	2. PRODUCTION PLANT						NONE
6							
7							
8							
9	310 Land and Land Rights						
10	311 Structures and Improvements						
11	312 Boiler Plant Equipment						
12	313 Engines and Engine Driven Generators						
13	314 Turbogenerator Units						
14	315 Accessory Electric Equipment						
15	316 Miscellaneous Power Plant Equipment						
16	Total Steam Production Plant	-	-	-	-	-	-
17	B. Nuclear Production Plant						NONE
18							
19							
20							
21	320 Land and Land Rights						
22	321 Structures and Improvements						
23	322 Reactor Plant Equipment						
24	323 Turbogenerator Units						
25	324 Accessory Electric Equipment						
26	325 Miscellaneous Power Plant Equipment						
27	Total Nuclear Production Plant	-	-	-	-	-	-

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						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	-	-	-	-	-	-
10	D. Other Production Plant						
11	340 Land and Land Rights	5,131,426	-	-			5,131,426
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	5,131,426	-	-	-	-	5,131,426
19	Total Production Plant	5,131,426	-	-	-	-	5,131,426
20	3. Transmission Plant						NONE
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	-	-	-	-	-	-

TOTAL COST OF PLANT - ELECTRIC (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	208,522	-	-			208,522
3	361 Structures and Improvements	6,611,504	-	-			6,611,504
4	362 Station Equipment	13,504,873	133,380	9,939			13,628,314
5	363 Storage Battery Equipment	3,484,749	-	-			3,484,749
6	364 Poles Towers and Fixtures	2,890,021	530,968	46,019			3,374,969
7	365 Overhead Conductors and Devices	9,544,913	849,429	70,062			10,324,280
8	366 Underground Conduit	3,755,507	115,176	114			3,870,569
9	367 Underground Conductors and Devices	8,242,290	428,689	7,452			8,663,527
10	368 Line Transformers	4,696,440	1,280,331	149,338			5,827,433
11	369 Services	1,220,118	-	19,561			1,200,557
12	370 Meters	1,296,619	70,508	6,211			1,360,916
13	371 Installations on Customer's Premises	106,938	-	4,235			102,703
14	372 Leased Prop on Customer's Premises	-	-	-			-
15	373 Streetlight and Signal Systems	-	-	-			-
16	Total Distribution Plant	1,494,048	5,760	16,299			1,483,509
17	5. GENERAL PLANT	57,056,542	3,414,241	329,230	-	-	60,141,552
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	167,976	60,870	108,148			120,698
21	392 Transportation Equipment	1,147,967	249,528	453,677			943,818
22	393 Stores Equipment	12,460	-	915			11,545
23	394 Tools, Shop and Garage Equipment	130,906	-	-			130,906
24	395 Laboratory Equipment	-	-	-			-
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	968,606	53,990	-			1,022,596
27	398 Miscellaneous Equipment	91,361	12,210	1,599			101,972
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	2,519,776	376,598	564,339	-	-	2,332,035
30	Total Electric Plant in Service	64,707,744	3,790,839	893,569	-	-	67,605,013
31	Total Cost of Electric Plant.....						67,605,013
33	Less Cost of Land, Land Rights, Rights of Way.....						209,022
34	Total Cost upon which Depreciation is based						67,395,991

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.

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.

TOTAL COST OF PLANT - GAS						
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.		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)
1	4. DISTRIBUTION PLANT					
2	365 Land and Land Rights	218,905	-	-		
3	366 Structures and Improvements	2,329,074	-	-		
4	367 Mains	27,164,816	1,100,445	68,274		
5	369 Measuring & Regulating Equipment	1,568,146	26,878	74,996		
6	380 Services	9,690,320	806,128	488,476		
7	381 Meters	1,226,115	-	43,103		
8	382 Meter Installation	2,537,001	585,616	363,544		
16	Total Distribution Plant	44,734,377	2,519,067	1,038,393	-	-
17	5. GENERAL PLANT					
18	389 Land and Land Rights	500	-	-		
19	390 Structures and Improvements	47,387	20,290	36,049		
20	391 Office Furniture and Equipment	110,833	89,114	29,554		
21	392 Transportation Equipment	3,848	-	-		
22	393 Stores Equipment	244,553	97,000	1,133		
23	394 Tools, Shop and Garage Equipment	3,950	-	-		
24	395 Laboratory Equipment	-	-	-		
25	396 Power Operated Equipment	254,149	12,997	-		
26	397 Communication Equipment	74,187	12,210	-		
27	398 Miscellaneous Equipment	-	-	-		
28	399 Other Tangible Property	-	-	-		
29	Total General Plant	739,407	231,611	66,736	-	-
30	Total Cost Gas Plant in Service	45,473,784	2,750,678	1,105,129	-	-

Total Cost of Gas Plant.....		47,119,334
Less Cost of Land, Land Rights, Rights of Way.....		219,405
Total Cost upon which Depreciation is based		46,899,929

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.

Annual Report of the Town of Wakefield Municipal Gas & Light Department

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)	23,563,369	23,176,699	(386,670)
3	101	Utility Plant - Gas (P. 20)	27,001,468	27,098,223	96,755
4					
5		Total Utility Plant	50,564,837	50,274,922	(289,915)
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	366,700	386,428	19,728
13	126	Depreciation Fund (P. 14)	187,402	191,349	3,947
14	128	Other Special Funds	-	-	-
15		Total Funds	554,102	577,777	23,675
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	(8,884,241)	(4,761,476)	4,122,765
18	132	Special Deposits	1,511,567	1,586,183	74,616
19	135	Working Funds	700	700	-
20	141	Notes Receivable	-	-	-
21	142	Customer Accounts Receivable	5,060,722	5,775,206	714,484
22	143	Other Accounts Receivable	1,400,846	1,222,976	(177,870)
23	146	Receivables from Municipality	-	-	-
24	151	Materials and Supplies (P. 14)	1,627,790	1,757,551	129,761
25			-	-	-
26	165	Prepayments	5,489,817	5,583,149	93,332
27	174	Miscellaneous Current Assets	-	-	-
28		Total Current and Accrued Assets	6,207,201	11,164,289	4,957,088
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	-	-	-
31	182	Extraordinary Property Losses	-	-	-
32	185	Other Deferred Debits	921,863	2,556,973	1,635,110
33		Total Deferred Debits	921,863	2,556,973	1,635,110
34					
35		Total Assets and Other Debits	58,248,003	64,573,961	6,325,958

Annual Report of the Town of Wakefield Municipal Gas & Light Department

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	-	-	-
3		SURPLUS			
4	205	Sinking Fund Reserves	366,654	386,381	19,727
5	206	Loans Repayment	-	-	-
6	207	Appropriations for Construction Repayments	-	-	-
7	208	Unappropriated Earned Surplus (P. 12)	28,652,712	36,288,859	7,636,147
8		Total Surplus	29,019,366	36,675,240	7,655,874
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	-	-	-
11	231	Notes Payable (P. 7)	12,737,930	11,297,715	(1,440,215)
12		Total Bonds and Notes	12,737,930	11,297,715	(1,440,215)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	8,539	9,899	1,360
15	234	Payables to Municipality	-	-	-
16	235	Customers' Deposits	1,511,567	1,586,183	74,616
17	236	Taxes Accrued	-	-	-
18	237	Interest Accrued	-	-	-
19	242	Miscellaneous Current and Accrued Liabilities	730,308	651,812	(78,496)
20		Total Current and Accrued Liabilities	2,250,414	2,247,894	(2,520)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	-	-	-
23	252	Customer Advances for Construction	-	-	-
24	253	Other Deferred Credits	10,308,349	10,441,112	132,763
25		Total Deferred Credits	10,308,349	10,441,112	132,763
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	213,006	193,062	(19,944)
28	261	Property Insurance Reserve	-	-	-
29	262	Injuries and Damages Reserves	-	-	-
30	263	Pensions and Benefits Reserves	-	-	-
31	265	Miscellaneous Operating Reserves	-	-	-
32		Total Reserves	213,006	193,062	(19,944)
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	3,718,938	3,718,938	-
35		Total Liabilities and Other Credits	58,248,003	64,573,961	6,325,958

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

Annual Report of the Town of Wakefield Municipal Gas & Light Department

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)	50,725,265	7,651,587
3	Operating Expenses:		
4	401 Operation Expense (P. 42 and 47)	34,696,490	1,701,869
5	402 Maintenance Expense	2,809,207	321,137
6	403 Depreciation Expense	4,842,668	(568,369)
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	930,134	176,377
10	Total Operating Expenses	43,278,499	1,631,014
11	Operating Income	7,446,766	6,020,573
12	414 Other Utility Operating Income (P. 50)	-	-
13			
14	Total Operating Income	7,446,766	6,020,573
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	402,430	430,675
17	419 Interest Income	149,464	154,940
18	421 Miscellaneous Nonoperating Income (P. 21)	-	-
19	Total Other Income	551,894	585,615
20	Total Income	7,998,660	6,606,188
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	-	-
23	426 Other Income Deductions	-	-
24	Total Income Deductions	-	-
25	Income Before Interest Charges	7,998,660	6,606,188
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	-	-
28	428 Amortization of Debt Discount and Expense	-	-
29	429 Amortization of Premium on Debt - Credit	-	-
30	431 Other Interest Expense	291,936	(91,619)
31	432 Interest: Charged to Construction - Credit	-	-
32	Total Interest Charges	291,936	(91,619)
33	NET INCOME	7,706,724	6,697,807
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		28,652,712
35			1,457,983
36			
37	433 Balance Transferred from Income		7,706,724
38	434 Miscellaneous Credits to Surplus (P. 21)		20,731
39	435 Miscellaneous Debits to Surplus (P. 21)	952,922	
40	436 Appropriations of Surplus (P. 21)	19,727	
41	437 Surplus Applied to Depreciation	576,642	
42	208 Unappropriated Earned Surplus (at end of period)	36,288,859	
43			
44	TOTALS	37,838,150	37,838,150

Annual Report of Town of Wakefield Municipal Gas & Light Department

Year Ended December 31, 2023

STATEMENT OF INCOME FOR THE YEAR					
Line No.	Account (a)	Electric		Gas	
		Current Year	Increase or (Decrease) from Preceding Year	Current Year	Increase or (Decrease) from Preceding Year
1	OPERATING INCOME				
2	400 Operating Revenue (P. 37 and P. 43)	\$ 36,752,424	\$ 5,543,563	\$ 13,972,841	\$ 2,108,024
3	Operating Expenses:				
4	401 Operation Expense (P.42)	23,201,111	402,965	11,495,379	1,298,904
5	402 Maintenance Expense (P. 42)	2,158,865	334,812	650,342	(13,675)
6	403 Depreciation Expense	2,579,949	(655,348)	2,262,719	86,979
7	407 Amortization of Property Losses				
8					
9	408 Taxes (P. 49)	792,951	144,763	137,183	31,614
10	Total Operating Expenses	28,732,876	227,192	14,545,623	1,403,822
11	Operating Income	8,019,548	5,316,371	(572,782)	704,202
12	414 Other Utility Operating Income (P.50)				
13					
14	Total Operating Income	8,019,548	5,316,371	(572,782)	704,202
15	OTHER INCOME				
16	415 Inc. from Merch., Jobbing, and Contract Work	377,280	434,250	25,150	(3,575)
17	419 Interest Income	129,826	141,607	19,638	13,333
18	421 Miscellaneous Income				
19	Total Other Income	507,106	575,857	44,788	9,758
20	Total Income	8,526,654	5,892,228	(527,994)	713,960
21	MISCELLANEOUS INCOME DEDUCTIONS				
22	425 Miscellaneous Amortization				
23	426 Other Income Deductions				
24	Total Income Deductions	-	-	-	-
25	Income before Interest Charges	8,526,654	5,892,228	(527,994)	713,960
26	INTEREST CHARGES				
27	427 Interest on Bonds and Notes	-	-		
28	428 Amortization of Debt Discount and Expense	-	-		
29	429 Amortization of Premium on Debt	-	-		
30	431 Other Interest Expense	284,698	(98,583)	7,238	6,964
31	432 Interest Charged to Construction-Credit				
32	Total Interest Charges	284,698	(98,583)	7,238	6,964
33	Net Income	8,241,956	5,990,811	(535,232)	706,996

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operating Fund	(4,761,476)	
2			
3			
4			
5			
6			
7			
8			
9			
10			
MATERIALS AND SUPPLIES (Accounts 151-159, 163)			
Summary per Balance Sheet			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
11	Fuel (Account 151) (See Schedule, Page 25)	899,946	857,605
12	Fuel Stock Expenses (Account 152)		
13	Residuals (Account 153)		
14	Plant Materials and Operating Supplies (Account 154 & 151)		
15	Merchandise (Account 155)		
16	Other Materials and Supplies (Account 156)		
17	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
18	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
19	Nuclear Byproduct Materials (Account 159)		
20	Stores Expense (Account 163)		
21	Total Per Balance Sheet	899,946	857,605
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
22	DEBITS		
23	Balance of account at beginning of year	187,402	
24	Income during year from balance on deposit (interest)	3,947	
25	Amount transferred from income (depreciation)	4,435,205	
26	Amount transferred in from surplus & other transfers in		
27	TOTAL	4,626,554	
28	CREDITS		
29	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	4,435,205	
30	Amounts expended for renewals		
31	Amounts Transferred out to operating	-	
32	Amounts paid for Bond Principal Payments	-	
33	Amount repaid to Rate Stabilization	-	
34			
35			
36			
37	Balance on hand at end of year	191,349	
38	TOTAL	4,626,554	

		UTILITY PLANT - ELECTRIC						negative effect of such amounts.	
		1. Report below the cost of utility plant in service according to prescribed accounts		the preceding year. Such items should be included in column (c).		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
		2. Do not include as adjustments, corrections of additions and retirements for the current or		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)		
1	1. INTANGIBLE PLANT						NONE		
2									
3									
4		-	-	-	-	-	-		
5							NONE		
6	2. PRODUCTION PLANT								
7	A. Steam Production								
8	310 Land and Land Rights								
9	311 Structures and Improvements								
10	312 Boiler Plant Equipment								
11	313 Engines and Engine Driven Generators								
12	314 Turbogenerator Units								
13	315 Accessory Electric Equipment								
14	316 Miscellaneous Power Plant Equipment								
15	Total Steam Production Plant	-	-	-	-	-	-		
16	B. Nuclear Production Plant								
17	320 Land and Land Rights								
18	321 Structures and Improvements								
19	322 Reactor Plant Equipment								
20	323 Turbogenerator Units								
21	324 Accessory Electric Equipment								
22	325 Miscellaneous Power Plant Equipment								
23	Total Nuclear Production Plant	-	-	-	-	-	-		

UTILITY PLANT - ELECTRIC (Continued)						
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)
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	-	-	-	-	-
10	D. Other Production Plant					NONE
11	340 Land and Land Rights	-	-	-		-
12	341 Structures and Improvements	3,707,028	-	359,200	-	3,347,828
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	3,707,028	-	359,200	-	3,347,828
19	Total Production Plant	3,707,028	-	359,200	-	3,347,828
20	3. Transmission Plant					NONE
21	350 Land and Land Rights	-	-	-		-
22	351 Clearing Land and Rights of Way	-	-	-		-
23	352 Structures and Improvements	-	-	-		-
24	353 Station Equipment	-	-	-		-
25	354 Towers and Fixtures	-	-	-		-
26	355 Poles and Fixtures	-	-	-		-
27	356 Overhead Conductors and Devices	-	-	-		-
28	357 Underground Conduit	-	-	-		-
29	358 Underground Conductors and Devices	-	-	-		-
30	359 Roads and Trails	-	-	-		-
31	Total Transmission Plant	-	-	-	-	-

UTILITY PLANT - ELECTRIC (Concluded)							
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	208,522	-	-	-		208,522
3	361 Structures and Improvements	3,299,301	-	322,742	-		2,976,559
4	362 Station Equipment	5,615,062	133,380	188,572	-		5,559,870
5	363 Storage Battery Equipment	2,492,952	-	243,932	-	(1)	2,249,019
6	364 Poles Towers and Fixtures	421,301	530,968	144,501	11,346	-	796,422
7	365 Overhead Conductors and Devices	1,616,052	849,429	384,379	4,277		2,076,825
8	366 Underground Conduit	657,283	115,176	93,888	-		678,571
9	367 Underground Conductors and Devices	600,017	428,689	206,057	1,602		821,047
10	368 Line Transformers	843,001	1,280,331	187,858	3,682		1,931,792
11	369 Services	110,348	-	31,517	444		78,387
12	370 Meters	67,874	70,508	25,932	4,120		108,330
13	371 Installations on Customer's Premises	55,982	-	4,278	-		51,704
14	372 Leased Prop on Customer's Premises	-	-	-	-		-
15	373 Streetlight and Signal Systems	-	-	-	-		-
16	Total Distribution Plant	639,729	5,760	74,702	-		570,787
17	5. GENERAL PLANT	16,627,424	3,414,241	1,908,358	25,471	(1)	18,107,835
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	42,931	60,870	22,631	-	-	81,170
21	392 Transportation Equipment	564,295	249,528	229,593	-	(1)	584,229
22	393 Stores Equipment	6,396	-	623	-		5,773
23	394 Tools, Shop and Garage Equipment	81,666	-	6,545	-	(1)	75,120
24	395 Laboratory Equipment	-	-	-	-		-
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	714,903	53,990	48,430	-		720,463
27	398 Miscellaneous Equipment	37,329	12,210	4,568	-		44,971
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	1,448,020	376,598	312,390	-	(2)	1,512,226
30	Total Electric Plant in Service	21,782,472	3,790,839	2,579,948	25,471	(3)	22,967,889
31	104 Utility Plant Leased to Others						-
32	105 Property Held for Future Use						-
33	107 Construction Work in Progress	1,780,899	583,812		2,155,901		208,810
34	Net Utility Plant Electric	23,563,371	4,374,651	2,579,948	2,181,372	(3)	23,176,699

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	\$ -	-	\$ -	-	-
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	\$ -	-	-	-	\$ -
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		-	\$ -	-	
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.

UTILITY PLANT - GAS

1. Report below the cost of utility plant in service according to prescribed accounts negative effect of such amounts.
2. Do not include as adjustments, corrections of 3. Credit adjustments of plant accounts should be shown in column (f).
additions and retirements for the current or be enclosed in parentheses to indicate the
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

UTILITY PLANT - GAS

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	301 Organization	-	-	-	-	-	-
3	303 Miscellaneous Intangible Plant	-	-	-	-	-	-
4	Total intangible Plant	-	-	-	-	-	-
5							
6	2. PRODUCTION PLANT						
7	Manufactured Gas Production Plant	-	-	-	-	-	-
8	304 Land and Land rights	-	-	-	-	-	-
9	305 Structures and Improvements	-	-	-	-	-	-
10	306 Boiler Plant Equipment	-	-	-	-	-	-
11	307 Other Power Equipment	-	-	-	-	-	-
12	310 Water Gas Generating Equipment	-	-	-	-	-	-
13	311 Liquefied Petroleum Gas Equipment	-	-	-	-	-	-
14	312 Oil Gas Generating Equipment	-	-	-	-	-	-
15	313 Generating Equipment-Other Processes	-	-	-	-	-	-
16	315 Catalyst Cracking Equipment	-	-	-	-	-	-
17	316 Other Reforming Equipment	-	-	-	-	-	-
18	317 Purification Equipment	-	-	-	-	-	-
19	321 LNG Equipment	-	-	-	-	-	-
20	319 Gas Mixing Equipment	-	-	-	-	-	-
21	320 Other Equipment	-	-	-	-	-	-
22	Total Gas Manufacturing Production Plant	-	-	-	-	-	-
23							
24	3. STORAGE PLANT						
25	360 Land and Land rights	-	-	-	-	-	-
26	361 Structures and Improvements	-	-	-	-	-	-
27	362 Gas holders	-	-	-	-	-	-
28	363 Other Equipment	-	-	-	-	-	-
29	Total Storage Plant	-	-	-	-	-	-
30							

UTILITY PLANT - GAS

1. Report below the cost of utility plant in service according to prescribed accounts negative effect of such amounts.
2. Do not include as adjustments, corrections of additions and retirements for the current or be enclosed in parentheses to indicate the
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

UTILITY PLANT - GAS

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	365 Land and Land Rights	218,905	-	-	-		218,905
3	366 Structures and Improvements	1,233,583	-	117,416	-		1,116,167
4	367 Mains	15,788,104	1,100,445	1,265,902	2,734		15,619,913
5	369 Measuring & Regulating Equipment	1,457,645	26,878	149,653	-		1,334,870
6	380 Services	5,185,044	806,128	484,516	26,289		5,480,367
7	381 Meters	288,947	-	61,306	26,199		201,442
8	382 Meter Installation	2,365,860	585,616	126,850	335,983		2,488,643
16	Total Distribution Plant	26,538,088	2,519,067	2,205,643	391,205	-	26,460,307
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	10,850	20,290	5,875	-		25,265
21	392 Transportation Equipment	74,205	89,114	22,167	-		141,152
22	393 Stores Equipment	2,117	-	192	-		1,925
23	394 Tools, Shop and Garage Equipment	147,351	97,000	12,228	-		232,123
24	395 Laboratory Equipment	593	-	198	-		395
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	185,778	12,997	12,707	-		186,068
27	398 Miscellaneous Equipment	41,987	12,210	3,709	-		50,488
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	463,381	231,611	57,076	-	-	637,916
30	Total Gas Plant in Service	27,001,469	2,750,678	2,262,719	391,205	-	27,098,223
31	104 Utility Plant Leased to Others						-
32	105 Property Held for Future Use						-
33	107 Construction Work in Progress						-
34	Net Utility Plant Gas	27,001,469	2,750,678	2,262,719	391,205	-	27,098,223

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1		-
2		
3		
4		
5		
6	TOTAL	-
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		-
8		
9		
10		
11		
12		
13		
14	TOTAL	-
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16	Sale of Scrap	20,731
17		
18	MMWEC Surplus Funds Refund	-
19		
20	Pension & OPEB Prior Period Valuation Adjustment	-
21		
22		
23	TOTAL	20,731
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25	Payments in Lieu of Taxes - Payments to Town	952,922
26		
27		
28	Pension & OPEB Prior Period Valuation Adjustment	-
29		
30		
31		
32	TOTAL	952,922
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Surplus applied to Sinking Fund	19,727
35		
36		
37		
38		
39		
40	TOTAL	19,727

Annual Report of the Town of Wakefield Municipal Gas & Light Department

ELECTRIC OPERATING REVENUES (Account 400)

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	17,729,021	2,392,963	81,091,246	(2,925,512)	11,566	217
3	442 Commercial and Industrial Sales:						
4	Small or Commercial	2,791,543	205,252	13,021,855	(1,130,451)	1,318	(200)
5	Large or Industrial Sales	12,155,282	2,098,074	57,834,340	744,337	268	8
6	444 Municipal Sales	1,864,531	281,059	8,505,585	100,615	171	4
7	445 Other Sales to Public Authorities	-	-	-	-	-	-
8	446 Sales to Railroads and Railways	-	-	-	-	-	-
9	448 Interdepartmental Sales	-	-	-	-	-	-
10	449 Miscellaneous Sales	-	-	-	-	-	-
11	Total Sales to Ultimate Consumers	34,540,377	4,977,348	160,453,026	(3,211,011)	13,323	29
12	447 Sales for Resale	-	-	-	-	-	-
13	Total Sales of Electricity *	34,540,377	4,977,348	160,453,026	(3,211,011)	13,323	29
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	112,770	4,727				
16	451 Miscellaneous Service Revenues	-	-				
17	453 Sales of Water and Water Power	-	-				
18	454 Rent from Electric Property	-	-				
19	455 Interdepartmental Rents	-	-				
20	456 Other Electric Revenues	2,099,277	561,488				
21							
22							
23							
24							
25	Total Other Operating Revenues	2,212,047	566,215				
26	Total Electric Operating Revenue	36,752,424	5,543,563				
		* Inclusive of revenues from applicable fuel clauses					
		\$ 34,540,377					
		Total kWh to which applied					
		158,518,005					

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.

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the kWh of electricity 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	Residential Sales	81,091,246	17,729,021	0.2186	11,614	11,695
2	442	Commercial Sales	11,851,648	2,702,763	0.2280	1,298	1,293
3	442-1	Power Sales	57,834,340	12,155,282	0.2102	267	275
4	444	Public Sales - Highway Lighting	764,814	188,131	0.2460	-	-
5	444	Other Sales to Public Authorities	7,740,771	1,676,400	0.2166	167	180
6	451	Private Area Lighting	1,170,207	88,780	0.0759	-	-
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
41							
42							
43							
44							
45							
46							
47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 37 Line 11)		160,453,026	34,540,377	0.2153	13,346	13,443

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	-	-
5	501 Fuel	-	-
6	502 Steam Expenses	-	-
7	503 Steam from other sources	-	-
8	504 Steam transferred -- Cr.	-	-
9	505 Electric expenses	-	-
10	506 Miscellaneous steam power expenses	-	-
11	507 Rents	-	-
12	Total Operation	-	-
13	Maintenance:		
14	510 Maintenance supervision and engineering	-	-
15	511 Maintenance of Structures	-	-
16	512 Maintenance of boiler plant	-	-
17	513 Maintenance of electric plant	-	-
18	514 Maintenance of miscellaneous steam plant	-	-
19	Total Maintenance	-	-
20	Total power production expenses -steam power	-	-
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	-	-
24	518 Fuel	-	-
25	519 Coolants and water	-	-
26	520 Steam Expenses	-	-
27	521 Steam from other sources	-	-
28	522 Steam transferred -- Cr.	-	-
29	523 Electric expenses	-	-
30	524 Miscellaneous nuclear power expenses	-	-
31	525 Rents	-	-
32	Total Operation	-	-
33	Maintenance:		
34	528 Maintenance supervision and engineering	-	-
35	529 Maintenance of Structures	-	-
36	530 Maintenance of reactor plant	-	-
37	531 Maintenance of electric plant	-	-
38	532 Maintenance of miscellaneous nuclear plant	-	-
39	Total Maintenance	-	-
40	Total power production expenses -nuclear power	-	-
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering	-	-
44	536 Water for power	-	-
45	537 Hydraulic expenses	-	-
46	538 Electric expenses	-	-
47	539 Miscellaneous hydraulic power generation expenses	-	-
48	540 Rents	-	-
49	Total Operation	-	-

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	-	-
4	542 Maintenance of structures	-	-
5	543 Maintenance of reservoirs, dams and waterways	-	-
6	544 Maintenance of electric plant	-	-
7	545 Maintenance of miscellaneous hydraulic plant	-	-
8	Total maintenance	-	-
9	Total power production expenses - hydraulic power	-	-
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	-	-
13	547 Fuel	-	-
14	548 Generation Expenses	-	-
15	549 Miscellaneous other power generation expense	-	-
16	550 Rents	-	-
17	Total Operation	-	-
18	Maintenance:		
19	551 Maintenance supervision and engineering	-	-
20	552 Maintenance of Structures	-	-
21	553 Maintenance of generating and electric plant	-	-
22	554 Maintenance of miscellaneous other power generation plant	-	-
23	Total Maintenance	-	-
24	Total power production expenses - other power	-	-
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	16,911,816	(1,011,379)
27	556 System control and load dispatching	-	-
28	557 Other expenses	-	-
29	Total other power supply expenses	16,911,816	(1,011,379)
30	Total power production expenses	16,911,816	(1,011,379)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	-	-
34	561 Load dispatching	-	-
35	562 Station expenses	-	-
36	563 Overhead line expenses	-	-
37	564 Underground line expenses	-	-
38	565 Transmission of electricity by others	-	-
39	566 Miscellaneous transmission expenses	-	-
40	567 Rents	-	-
41	Total Operation	-	-
42	Maintenance:		
43	568 Maintenance supervision and engineering	-	-
44	569 Maintenance of structures	-	-
45	570 Maintenance of station equipment	-	-
46	571 Maintenance of overhead lines	-	-
47	572 Maintenance of underground lines	-	-
48	573 Maintenance of miscellaneous transmission plant	-	-
49	Total maintenance	-	-
50	Total transmission expenses	-	-

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		-
4	581 Load dispatching (Operation Labor)	1,017,429	130,171
5	582 Station expenses	430,880	(254,582)
6	583 Overhead line expenses	(236,381)	(53,550)
7	584 Underground line expenses	919	(1,463)
8	585 Street lighting and signal system expenses	15,209	459
9	586 Meter expenses	79,737	49,112
10	587 Customer installations expenses	7,605	230
11	588 Miscellaneous distribution expenses	142,536	37,799
12	589 Rents	-	-
13	Total operation	1,457,934	(91,824)
14	Maintenance:		
15	590 Maintenance supervision and engineering	-	-
16	591 Maintenance of structures	259,338	25,716
17	592 Maintenance of station equipment	1,706	(4,797)
18	593 Maintenance of overhead lines	1,803,196	285,757
19	594 Maintenance of underground lines	-	-
20	595 Maintenance of line transformers	-	-
21	596 Maintenance of street lighting and signal systems	-	-
22	597 Maintenance of meters	-	-
23	598 Maintenance of miscellaneous distribution plant	-	-
24	Total maintenance	2,064,240	306,676
25	Total distribution expenses	3,522,174	214,852
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	51,551	4,920
30	903 Customer records and collection expenses	703,285	(15,574)
31	904 Uncollectible accounts	11,969	7,252
32	906 Conservation & Rebates	681,962	164,564
33	Total customer accounts expenses	1,448,767	161,162
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	-	-
37	912 Demonstrating and selling expenses	-	-
38	913 Advertising expenses	421,461	98,463
39	916 Miscellaneous sales expenses	-	-
40	Total sales expenses	421,461	98,463
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	624,064	62,644
44	921 Office supplies and expenses	440,205	(4,227)
45	922 Administrative expenses transferred - Cr	-	-
46	923 Outside services employed	283,409	68,303
47	924 Property insurance	60,324	1,503
48	925 Injuries and damages	83,125	1,174
49	926 Employee pensions and benefits	1,056,746	857,685
50	928 Regulatory commission expenses	-	-
51	929 Store Expense	-	-
52	930 Miscellaneous general expenses	413,260	259,461
53	931 Rents	-	-
54	Total operation	2,961,133	1,246,543

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	94,625	28,136
4	Total administrative and general expenses	3,055,758	1,274,679
5	Total Electric Operation and Maintenance Expenses	25,359,976	737,777

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	-	-	-
12	Other Power Supply Expenses	16,911,816	-	16,911,816
13	Total power production expenses	16,911,816	-	16,911,816
14	Transmission Expenses	-	-	-
15	Distribution Expenses	1,457,934	2,064,240	3,522,174
16	Customer Accounts Expenses	1,448,767	-	1,448,767
17	Sales Expenses	421,461	-	421,461
18	Administrative and General Expenses	2,961,133	94,625	3,055,758
19	Total Electric Operation and			
20	Maintenance Expenses	23,201,111	2,158,865	25,359,976

- 21 Ratio of operating expenses to operating revenues 76.02%
 (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)
- 22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. 3,739,297
- 23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 26.60 FTE.'s

GAS OPERATING REVENUES (Account 480)

Line No.	Account (a)	Operating Revenues			MCF Sold (1,000 BTU)			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 GAS								
2	480 Residential Sales	9,744,109	1,494,962	398,535.8	(15,073)	6,558	69		
3	481 Commercial and Industrial Sales:								
4	Small or Commercial	2,855,050	385,132	119,126.5	(10,203)	555	(49)		
5	Large or Industrial Sales	-	-	-	-	-	-		
6	482 Municipal Sales (P. 22)	1,014,971	143,058	44,076.2	(1,781)	47	-		
7	483 Other Sales	-	-	-	-	-	-		
8	485 Miscellaneous Gas Sales	-	-	-	-	-	-		
9	Total Sales to Ultimate Consumers	13,614,130	2,023,152	561,738.5	(27,056.8)	7,160	20		
10	483 Sales for Resale	-	-	-	-	-	-		
11	Total Sales of Gas*	13,614,130	2,023,152	561,738.5	(27,056.8)	7,160	20		
12	OTHER OPERATING REVENUES								
13	487 Forfeited Discounts	27,830	3,178						
14	488 Miscellaneous Service Revenues	-	-						
15	489 Revenues from Trans. Of Gas of Others	-	-						
16	490 Sales of Products Extracted from Natural Gas	-	-						
17	491 Rev. from Natural Gas Processed by Other	-	-						
18	493 Rent from Gas Property	-	-						
19	494 Interdepartmental Rents	-	-						
20	495 Other Gas Revenues	330,881	81,694						
21	Total Other Operating Revenues	358,711	84,872						
22	Total Gas Operating Revenue	13,972,841	2,108,024						
23									
24									
		* Inclusive of revenues from applicable fuel clauses							\$ 13,614,130
		Total MCF to which applied							561,738.5

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, Large (or Industrial) may be according to the basis of classification regularly used by the respondent.

SALES OF GAS TO ULTIMATE CONSUMERS

Report by account number M.C.F. of gas 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)	M. C. F. Sold (b)	Revenue (c)	Average Revenue per M.C.F. (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	480	Residential Sales	27,411.1	756,118	27.5844	1,279	1,260
2	480	Gas Heating Sales	479,716.8	11,584,868	24.1494	5,785	5,941
3	481	Commercial & Industrial	10,534.4	258,173	24.5076	72	70
4	482	Sales to Public Authorities	44,076.2	1,014,971	23.0276	47	48
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46							
47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 43 Line 9)		561,738.5	13,614,130	24.2357	7,183	7,319

Next page is 46

GAS 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	OTHER GAS SUPPLY EXPENSES		
3	Operation:		
4	804 Natural gas city gate purchases	9,803,564	1,083,150
5	Maintenance:	-	-
6	Total other gas supply expenses	-	-
7	Total production expenses	9,803,564	1,083,150
8	Total Operation	9,803,564	1,083,150
9	TRANSMISSION AND DISTRIBUTION EXPENSES		
10	Operation:		
11	850 Operation supervision and engineering	147,862	3,117
10	851 System control and load dispatching	-	-
11	852 Communication system expenses	-	-
12	853 Compressor station labor and expenses	206,620	(80,547)
13	855 Fuel and power for compressor stations	-	-
14	857 Measuring and regulating station expenses	-	-
15	858 Transmission and compression of gas by others	-	-
16	874 Mains and services expenses	125,153	79,223
17	878 Meter and house regulator expenses	-	-
18	879 Customer installations expenses	229,776	(28,774)
19	880 Other expenses	76,690	1,070
20	881 Rents	-	-
21	Total Operation	786,101	(25,911)
22	Maintenance:		
23	885 Maintenance supervision and engineering	-	-
24	886 Maintenance of structures and improvements	-	-
25	887 Maintenance of mains	548,871	(13,037)
26	888 Maintenance of compressor station	-	-
27	889 Maintenance of measuring and regulating station equipment	-	-
28	892 Maintenance of services	-	-
29	893 Maintenance of meters and house regulators	16,403	323
30	894 Maintenance of other equipment	46,777	(17,009)
31	Total Maintenance	612,051	(29,723)
32	Total Transmission and Distribution	1,398,152	(55,634)
33	CUSTOMER ACCOUNTS EXPENSES		
34	Operation:		
35	901 Supervision	-	-
36	902 Meter reading expenses	17,184	1,641
37	903 Customer records and collection expenses	233,109	(16,234)
38	904 Uncollectable accounts	4,536	1,117
39	905 Miscellaneous customer accounts expenses	-	-
40	Total Customer Accounts Expense	254,829	(13,476)
41	SALES EXPENSES		
42	Operation:		
43	911 Supervision	-	-
44	912 Demonstrating and selling expenses	-	-
45	913 Advertising expenses	16,298	5,356
46	916 Miscellaneous sales expenses	-	-
47	Total Sales Expenses	16,298	5,356

GAS 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		
2	Operation:		
3	920 Administrative and general salaries	208,021	21,403
4	921 Office supplies and expenses	144,115	394
5	922 Administrative expenses transferred -Cr.	-	-
6	923 Outside services employed	70,369	49,701
7	924 Property insurance	3,803	202
8	925 Injuries and damages	28,978	(3,787)
9	926 Employees pensions and benefits	114,276	234,436
10	928 Regulatory commission expenses	-	-
11	929 Duplicate charges-Cr.	-	-
12	930 Miscellaneous general expenses	65,025	(52,564)
13	931 Rents	-	-
14	Total Operation	634,587	249,785
15	Maintenance:		
16	932 Maintenance of general plant	38,291	16,048
17	Total Maintenance	38,291	16,048
18	Total Administrative and General Expenses	672,878	265,833
19	Total Gas Operation and Maintenance Expense	12,145,721	1,285,229

SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
20	Other gas supply expenses	9,803,564	-	9,803,564
21	Total Production expenses	9,803,564	-	9,803,564
22	Local storage expenses	-	-	-
23	Transmission and distribution expenses	786,101	612,051	1,398,152
24	Customer accounts expenses	254,829	-	254,829
25	Sales expenses	16,298	-	16,298
26	Administrative and general expenses	634,587	38,291	672,878
27	Total gas operation and maintenance	11,495,379	650,342	12,145,721
28	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 47, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)			103.12%
29	Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts.			1,892,548
30	Total number of employees of gas department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			14.00 FTE.'s

Annual Report of the Town of Wakefield Municipal Gas & Light Department

TAXES CHARGED DURING THE YEAR

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.										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.									
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.										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																			
2																			
3	Commonwealth of Massachusetts	\$ 930,134	\$ 792,951	\$ 137,183															
4																			
5																			
6																			
7																			
8																			
9																			
10																			
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30																			
31																			
32																			
33	TOTALS	\$ 930,134	\$ 792,951	\$ 137,183															

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

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.

Annual Report of the Town of Wakefield Municipal Gas & Light Department

Year Ended December 31, 2023 **Page 50****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	NONE				
2					
3					
4					
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42					
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44					
45					
46	TOTALS	\$ -	\$ -	\$ -	\$ -

Annual Report of the Town of Wakefield Municipal Gas & Light Department

Year Ended December 31, 2023 **Page 51****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	902,873	26,585		929,458
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	902,873	26,585	-	929,458
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	525,593	1,435		527,028
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	525,593	1,435	-	527,028
50	Net Profit (or loss)	377,280	25,150	-	402,430

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	NONE							
2								
3								
4								
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37								
38								
39								
40								
41								
41	* Winter period contract demand.							
42								

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)		
								1
								2
								3
								4
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								41
	TOTALS:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	42

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

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	Hydro Quebec	O	X	TOWN LINE				
2	New York Power Authority	FP	X	TOWN LINE		1,481		
3	Stonybrook Peaking	O		TOWN LINE		11,017		
4	Stonybrook Intermediate	O		TOWN LINE		13,733		
5	Nuclear Mix 1 (Seabrook)	O	X	TOWN LINE		79		
6	Nuclear Mix 1 (Millstone)	O	X	TOWN LINE		771		
7	Nuclear Project 3 (Millstone)	O	X	TOWN LINE		1,765		
8	Nuclear Project 4 (Seabrook)	O	X	TOWN LINE		1,945		
9	Nuclear Project 5 (Seabrook)	O	X	TOWN LINE		271		
10	Project 6 (Seabrook)	O	X	TOWN LINE		2,544		
11	Project 2015A					5,241		
12	ISO OATT			TOWN LINE				
13	System Power	DP						
14	Berkshire Wind Power Coope	O		TOWN LINE				
15	Eagle Creek	O		TOWN LINE		1,000		
16	Hancock Wind	O		TOWN LINE		2,378		
17	Berkshire Wind Power Coope	O		TOWN LINE				
18	Hydro Quebec Flow rights	O	X					
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32	** Includes transmission and administrative charges							
33								

**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	115,000 V	-	-	-	3,830	3,830	N/A	1
60 MINUTES	115,000 V	9,293,147	71,786	45,821	158,085	275,692	\$0.0297	2
60 MINUTES	115,000 V	337,473	257,976	17,601	93,120	368,697	\$1.0925	3
60 MINUTES	115,000 V	669,865	558,279	23,788	98,612	680,679	\$1.0161	4
60 MINUTES	115,000 V	605,002	16,054	52	2,749	18,855	\$0.0312	5
60 MINUTES	115,000 V	5,141,901	182,596	9,252	31,208	223,056	\$0.0434	6
60 MINUTES	115,000 V	11,769,335	415,291	21,178	71,432	507,901	\$0.0432	7
60 MINUTES	115,000 V	14,830,876	387,399	1,274	67,393	456,066	\$0.0308	8
60 MINUTES	115,000 V	2,063,210	55,333	177	9,375	64,885	\$0.0314	9
60 MINUTES	115,000 V	19,401,783	508,679	1,667	88,164	598,510	\$0.0308	10
60 MINUTES	115,000 V	-	224,101	-	-	-	-	11
		-	-	-	2,930,778	2,930,778	N/A	12
		66,948,213	910,659	5,473,509	-	6,384,168	N/A	13
60 MINUTES	115,000 V	1,978,922	639,492	-	-	639,492	\$0.3232	14
60 MINUTES	115,000 V	4,265,265	-	257,835	1,431	259,266	\$0.0608	15
60 MINUTES	115,000 V	5,192,595	-	276,669	(2,626)	274,043	\$0.0528	16
60 MINUTES	115,000 V	857,676	141,444	-	-	141,444	\$0.1649	17
		-	(54,502)	-	(102,484)	(156,986)	N/A	18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
	TOTALS:	143,355,263	\$ 4,314,587	\$ 6,128,823	\$ 3,451,067	\$ 13,670,376		33

INTERCHANGE POWER (Included in Account 555)

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.

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,

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

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				169,044,144	142,949,686	26,094,458	2,364,781
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
				TOTALS	169,044,144	142,949,686	26,094,458	2,364,781

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	2,076,379
14		NEPOOL EXPENSE	288,401
15			
16			
17			
18			
19			
20			
21		TOTAL	2,364,781

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	-
8	Purchases	143,355,263
9	(In (gross)	169,044,144
10	Interchanges < Out (gross)	142,949,686
11	(Net (Kwh)	26,094,458
12	(Received	-
13	Transmission for/by others (wheeling) < Delivered	-
14	(Net (Kwh)	
15	TOTAL	169,449,721
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	160,453,026
18	Sales for resale	-
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	
21	Electric department only	2,413,573
22	Energy losses	
23	Transmission and conversion losses	-
24	Distribution losses	6,583,122
25	Unaccounted for losses	-
26	Total energy losses	6,583,122
27	Energy losses as percent of total on line 15 3.89%	
28	TOTAL	169,449,721

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 Wakefield

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	25,385	Monday	16	1:00 PM	60 min	14,925,621
30	February	27,704	Friday	3	10:00 PM	60 min	13,732,994
31	March	23,537	Tuesday	14	1:00 PM	60 min	13,930,106
32	April	22,260	Friday	14	1:00 PM	60 min	11,741,873
33	May	22,042	Friday	12	3:00 PM	60 min	12,058,029
34	June	32,290	Friday	2	3:00 PM	60 min	13,768,122
35	July	38,405	Thursday	27	5:00 PM	60 min	18,547,899
36	August	31,029	Tuesday	8	6:00 PM	60 min	15,902,916
37	September	39,294	Thursday	7	2:00 PM	60 min	14,359,875
38	October	25,065	Wednesday	4	3:00 PM	60 min	12,431,095
39	November	23,470	Thursday	30	6:00 PM	60 min	13,303,717
40	December	25,351	Wednesday	13	6:00 PM	60 min	14,747,474
41						TOTAL	169,449,721

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.)	NONE			
2	Type of plant construction (conventional outdoor boiler, full outdoor, etc)				
3	Year originally constructed				
4	Year last unit installed				
5	Total installed capacity (maximum generator name plate ratings in kw)				
6	Net peak demand on plant-kilowatts (60 min)				
7	Plant hours connected to load				
8	Net continuous plant capability, kilowatts:				
9	(a) when not limited by condenser water				
10	(b) when limited by condenser water				
11	Average number of employees				
12	Net generation, exclusive of station use				
13	Cost of plant (omit cents):				
14	Land and land rights				
15	Structures and improvements				
16	Reservoirs, dams and waterways				
17	Equipment costs				
18	Roads, railroads and bridges				
19	Total cost		-		
20	Cost per kw of installed capacity				
21	Production expenses:				
22	Operation supervision and engineering				
23	Station labor				
24	Fuel				
25	Supplies & Expenses, including water				
26	Maintenance				
27	Rents				
28	Steam from other sources				
29	Steam transferred - credit				
30	Total production expenses		-		
31	Expenses per net Kwh (5 places)				
32	Fuel: Kind				
33	Unit(coal-tons of 2,000 lb)(oil-barrels of 42 gals.)Gas-Mcu.ft.)(nuclear,indicate)				
34	Quantity (units) fuel consumed				
35	Average heat content of fuel (B.t.u. per lb of coal, per gal. of oil, or per cu.ft. of gas)				
36	Average cost of fuel per unit, del fob plant				
37	Average cost of fuel per unit consumed				
38	Average cost of fuel consumed per million B.t.u.				
39	Average cost of fuel consumed per kwh net gen				
40	Average B.t.u. per kwh net generation				

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					
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GENERATING STATIONS							Page 64
COMBUSTION ENGINE AND OTHER GENERATING STATIONS (Except Nuclear)							Pages 64-65
Line No.	Name of Station (a)	Location of Station (b)	Diesel Other type Engine (c)	PRIME MOVERS			Belted or Direct Connected (g)
				Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	
1	NONE						
2							
3							
4							
5							
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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 (i)	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.		
									1		
									2		
									3		
									4		
									5		
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									10		
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									16		
									17		
									18		
									19		
									20		
									21		
									22		
					TOTALS		0	0	0		

	GENERATING STATION STATISTICS (Small Stations)				Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
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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	NONE							
2								
3								
4								
5								
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49								
50								
51								
52								
TOTALS					-	-	-	

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

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	65.4	-	65.4
2	Added During Year	1.2		1.2
3	Retired During Year	1.0		1.0
4	Miles -- End of Year	65.6	-	65.6
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:	8,106	13,286	1,338	143,474
17	Additions during year:				
18	Purchased	-			
19	Installed	60	417	63	5,967
20	Associated with utility plant acquired				
21	Total Additions	60	417	63	5,967
22	Reductions during year:				
23	Retirements & other reductions	15	260	53	2,892.5
24	Associated with utility plant sold				
25	Total Reductions	15	260	53	2,892.5
26	Number at end of year	8,151	13,443	1,348	146,548.5
27	In stock		566	166	20,114
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		13,443	1,348	146,548.5
31	In company's use		6	8	814
32	Number at end of year		14,015	1,522	167,476.5

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	UNDERGROUND DISTRIBUTION SYSTEM	45.15	14.16 miles	13,800	NONE	
2			3 conductor			
3			6.67 miles	13,800		
4			single conductor			
5			4.28 miles	4,160		
6			3 conductor			
7			0.15 miles	4,160		
8			single conductor			
9			0.38 miles	230		
10			3 conductor			
11			6.98 miles	230		
12			2 conductor			
13			7.0 miles	230		
14			single conductor			
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
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36						
37						
38						
39						
40						
41						
42						
43	TOTALS	45.15	39.62		-	

*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		Incandescent & Other		H. P. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Wakefield	3,268	2,586	55	-	13	68	139	114	293
2										
3										
4										
5										
6										
7										
8										
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10										
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51										
52	TOTALS	3,268	2,586	55	-	13	68	139	114	293

RECORD OF SENDOUT FOR THE YEAR IN MCF
BASED ON 1000 BTU PER CUBIC FOOT

Line No.	ITEM	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY
1							
2	Gas Made						
3	Gas						
4	Gas						
5	Gas						
6	TOTAL						
7							
8	Gas Purchased						
9	Natural						
10	Other						
11	TOTAL	588,788	101,035	97,814	81,990	42,246	23,912
12							
13							
14	TOTAL MADE &	588,788	101,035	97,814	81,990	42,246	23,912
15	PURCHASED						
16							
17	Net Change in						
18	Holder Gas						
19	TOTAL SENDOUT	588,788	101,035	97,814	81,990	42,246	23,912
20							
21							
22	Gas Sold	567,987	96,121	100,159	88,772	64,262	35,153
23	Gas Used by Company	13,181	1,018	1,001	746	754	1,384
24	Gas Accounted for	581,168	97,139	101,160	89,518	65,016	36,537
25	Gas Unaccounted for	7,620	3,896	(3,346)	(7,528)	(22,770)	(12,625)
26	% Unaccounted						
27	for (0.00%)	1.29%	3.86%	(3.42%)	(9.18%)	(53.90%)	(52.80%)
28							
29							
30	Sendout in 24 Hours						
31	in MCF						
32	Maximum MCF	7,653	4,238	7,653	3,643	2,642	1,814
33	Maximum Date	2/3/23	1/31/23	2/3/23	3/14/23	4/2/23	5/4/23
34	Minimum MCF	368	2,156	1,478	1,447	581	497
35	Minimum Date	8/12/23	1/13/23	2/16/23	3/23/23	4/14/23	5/27/23
36							
37							
38							
39							
40							
41							
42							
43	BTU Content of Gas						
44	Delivered to Customers			1038 per Cubic Foot			
45							
46							
47							
48							
49							
50							
51							

RECORD OF SENDOUT FOR THE YEAR IN MCF BASED ON 1000 BTU PER CUBIC FOOT							
Line No.	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	16,731	13,652	13,192	15,708	25,193	73,517	83,798
12							
13							
14	16,731	13,652	13,192	15,708	25,193	73,517	83,798
15							
16							
17							
18							
19	16,731	13,652	13,192	15,708	25,193	73,517	83,798
20							
21							
22	18,676	13,957	12,186	11,291	15,967	36,598	74,845
23	1,587	1,527	740	1,109	721	1,722	872
24	20,263	15,484	12,926	12,400	16,688	38,320	75,717
25	(3,532)	(1,832)	266	3,308	8,505	35,197	8,081
26							
27	(21.11%)	(13.42%)	2.01%	21.06%	33.76%	47.88%	9.64%
28							
29							
30							
31							
32	941	716	626	751	1,911	3,734	4,204
33	6/4/23	7/5/23	8/21/23	9/26/23	10/31/23	11/29/23	12/7/23
34	401	371	368	380	458	956	1,237
35	6/23/23	7/15/23	8/12/23	9/3/23	10/6/23	11/17/23	12/10/23
36							
37							
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51							

Next page is 77

GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS					PAGE 78
Line No.	Item	Gas Services	House Governors	Meters	
1					
2	Number at beginning of year:				
3	Additions during year:				
4	Purchased	5,181	-	7,286	
5	Installed	-	-	-	
6	Associated with utility plant acquired	16	-	57	
7	Total Additions	16	-	57	
8					
9	Reductions during year:				
10	Retirements	8	-	24	
11	Associated with utility plant sold	-	-		
12	Total Reductions	8	-	24	
13	Number at end of year	5,189	-	7,319	
14					
15	In stock			426	
16	On Customers' Premises - Inactive			-	
17	On Customers' Premises - Active			7,319	
18	In Company Use			6	
19	Number at end of year			7,751	
20					
21	Number of Meters Tested by State Inspectors				
22	During Year				
23				965	

* Note Meters on Customers' Premises should equal
Page 44 and Page 4

Annual Report of the Town of Wakefield Municipal Gas & Light Department

Year Ended December 31, 2023

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TRANSMISSION AND DISTRIBUTION MAINS

Report by size, all mains and lines, the information called for below for cast iron, welded, wrought iron, and steel mains. Sub-totals should be shown for each type

Line No.	Diameter	Total Length in Feet at Beginning of the year	Added During the Year	Taken Up During Year	Abandoned but Not Removed During the Year	Total Length in Feet at the End of the year
1						
2	DISTRIBUTION - CAST IRON MAINS					
3						
4	3"	370	-	-	370	-
5	4"	997	-	-	235	762
6	6"	-	-	-	-	-
7	10"	-	-	-	-	-
8						
9	Sub Total	1,367	-	-	605	762
10						
11	DISTRIBUTION - STEEL PIPE					
12						
13	1"	-	-	-	-	-
14	1¼"	-	-	-	-	-
15	1½"	75	-	-	-	75
16	2"	6,489	-	-	140	6,349
17	3"	22,073	-	-	3,112	18,961
18	4"	57,489	-	-	5,861	51,628
19	6"	8,123	-	-	970	7,153
20	8"	100	-	-	-	100
21	10"	2,015	-	-	-	2,015
22						
23	Sub Total	96,364	-	-	10,083	86,281
24						
25	DISTRIBUTION - PLASTIC PIPE					
26						
27	1"	473	-	-	-	473
28	1¼"	425	-	-	-	425
29	2"	21,739	-	-	32	21,707
30	3"	4,338	-	-	37	4,301
31	4"	107,611	2,940	-	-	110,551
32	6"	150,099	3,373	-	-	153,472
33	8"	82,759	3,633	-	-	86,392
34	12"	2,816	-	-	-	2,816
35						
36	Sub Total	370,260	9,946	-	69	380,137
37						
38	DISTRIBUTION - STEEL MAINS WELDED					
39						
40	4"	1,550	-	-	-	1,550
41	10"	2,150	-	-	-	2,150
42						
43	Sub Total	3,700	-	-	-	3,700
44						
45	Grand Totals	471,691	9,946	-	10,757	470,880
46						
47						

RATE SCHEDULE INFORMATION

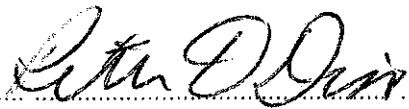
1. Attach copies of all Filed Rates for General Consumers
 2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
August 1, 2009	MDPU 47	NO CHANGES → SEE ATTACHED		
August 1, 2009	MDPU 48	NO CHANGES → SEE ATTACHED		
August 1, 2009	MDPU 50	NO CHANGES → SEE ATTACHED		
August 1, 2009	MDPU 50M	NO CHANGES → SEE ATTACHED		
January 1, 2020	MDPU 76	NO CHANGES → SEE ATTACHED		
January 1, 2020	MDPU 77	NO CHANGES → SEE ATTACHED		
January 1, 2020	MDPU 78	NO CHANGES → SEE ATTACHED		
January 1, 2020	MDPU 79	NO CHANGES → SEE ATTACHED		
January 1, 2020	MDPU 80	NO CHANGES → SEE ATTACHED		
June 1, 2023	MDPU 81	EV Time of Use Rate	< \$10,000	

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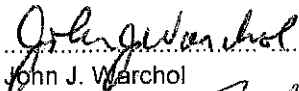
THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



Peter D. Dion

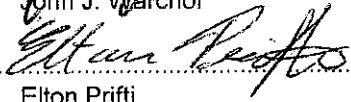
General Manager

Manager of Electric Light



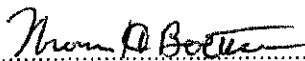
John J. Warchol

Chair

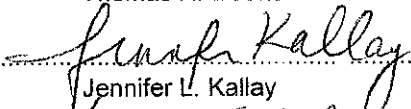


Elton Prifti

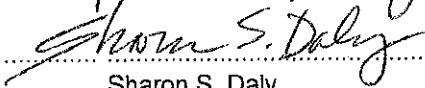
Secretary



Thomas H. Boettcher



Jennifer L. Kallay



Sharon S. Daly

Selectmen
or
Members
of the
Municipal
Light
BoardSIGNATURES 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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