



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,

2021

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

Peter D. Dion
Official Title: General Manager

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

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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
Julie Smith-Galvin One Lafayette Street Wakefield MA 01880
Michael J. McLane One Lafayette Street Wakefield MA 01880
Ann Santos 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
Philip R. Courcy 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) | | \$ 6,148,310,749 |
| 9. | Tax rate for all purposes during the year:
Residential 12.32
Commercial 23.77 | Residential 12.73
Commercial 24.67 | |
| 10. | Amount of manager's salary: | | \$191,006 |
| 11. | Amount of manager's bond: | | \$50,000 |
| 12. | Amount of salary paid to members of municipal light board (each): | | \$0 |

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 20 , to be paid from {

*At meeting 20 , 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 | 2,000,000 |
| 3. | |

TOTAL 2,188,200

* 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:

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 2021 WMGLD began conversion of 4kV distribution on circuit 397-02 as well as collaborated with Wakefield DPW with renewal of downtown Wakefield on Albion Street

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 2021 WMGLD continued to expand and revise energy efficiency programs

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 2021 WMGLD completed the Lowell Street regulator station replacement

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	
July 1894	Oct, 1894	\$ 180,000					\$ -
May, 1904	Jul, 1904	10,000					-
May, 1909	Jun, 1909	25,000					-
Nov, 1920	Dec, 1920	25,000					-
Apr, 1922	Oct, 1922	45,000					-
Dec, 1922	Mar, 1923	50,000					-
Jun, 1923	Jul, 1923	25,000					-
Jun, 1923	Jul, 1923	30,000					-
Mar, 1924	Aug, 1924	45,000					-
Mar, 1925	Aug, 1925	20,000					-
Oct, 1951	Apr, 1952	90,000					-
Mar, 1971	Sep, 1971	300,000					-
Mar, 1971	Jul, 1972	700,000					-
Mar, 1971	Oct, 1972	250,000					-

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	
TOTAL		\$ 1,795,000	-			TOTAL	\$ -

The bonds and notes outstanding at end of year should agree with the Balance Sheet.
When bond and notes are repaid report the first three columns only
* Date of meeting and whether regular or special
** List original issues of bonds and notes including those that have been repaid

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		-	-	-	-	-	-
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	-	-	-	-	-	-
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	-	-	-	-	-	-

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						-
12	341 Structures and Improvements	5,131,426	-	-			5,131,426
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	6,682,660	-	71,156			6,611,504
4	362 Station Equipment	13,844,034	2,590	1,098,644	1,342,183		14,090,163
5	363 Storage Battery Equipment	3,484,749	-	-			3,484,749
6	364 Poles Towers and Fixtures	2,724,293	64,577	6,498			2,782,372
7	365 Overhead Conductors and Devices	9,220,835	165,385	44,599			9,341,621
8	366 Underground Conduit	3,755,507	-	-			3,755,507
9	367 Underground Conductors and Devices	8,154,218	297,330	38,228			8,413,319
10	368 Line Transformers	4,441,446	241,098	139,005			4,543,539
11	369 Services	1,198,575	45,516	10,903			1,233,187
12	370 Meters	1,238,897	15,252	8,782			1,245,367
13	371 Installations on Customer's Premises	115,939	-	4,591			111,348
14	372 Leased Prop on Customer's Premises	-	-	-			-
15	373 Streetlight and Signal Systems	1,467,961	6,714	840			1,473,835
16	Total Distribution Plant	56,537,636	838,461	1,423,247	1,342,183	-	57,295,033
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	158,644	20,919	7,591			171,972
21	392 Transportation Equipment	1,014,263	354,993	192,945			1,176,312
22	393 Stores Equipment	12,460	-	-			12,460
23	394 Tools, Shop and Garage Equipment	106,512	2,565	2,778			106,299
24	395 Laboratory Equipment	3,475	-	-			3,475
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	881,220	49,550	-			930,770
27	398 Miscellaneous Equipment	89,825	-	3,116			86,709
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	2,266,899	428,027	206,430	-	-	2,488,497
30	Total Electric Plant in Service	63,935,961	1,266,488	1,629,678	1,342,183	-	64,914,956
31							Total Cost of Electric Plant..... 64,914,956
33							Less Cost of Land, Land Rights, Rights of Way..... 209,022
34							Total Cost upon which Depreciation is based 64,705,934
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.							

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	365	Land and Land Rights	218,905	-	-			218,905
3	366	Structures and Improvements	3,835,533	35,651	1,587,611			2,283,573
4	367	Mains	24,273,083	1,785,665	62,803			25,995,945
5	369	Measuring & Regulating Equipment	796,425	786,769	108,340			1,474,854
6	380	Services	8,934,940	764,493	272,729			9,426,704
7	381	Meters	1,300,375	31,156	70,440			1,261,091
8	382	Meter Installation	2,013,101	544,980	217,469			2,340,612
16		Total Distribution Plant	41,372,362	3,948,714	2,319,392	-	-	43,001,684
17	5.	GENERAL PLANT						
18	389	Land and Land Rights	500	-	-			500
19	390	Structures and Improvements	-	-	-			-
20	391	Office Furniture and Equipment	40,906	6,481	-			47,387
21	392	Transportation Equipment	80,987	10,446	-			91,433
22	393	Stores Equipment	3,848	-	-			3,848
23	394	Tools, Shop and Garage Equipment	265,510	-	11,868			253,642
24	395	Laboratory Equipment	36,550	-	-			36,550
25	396	Power Operated Equipment	-	-	-			-
26	397	Communication Equipment	254,149	-	-			254,149
27	398	Miscellaneous Equipment	47,173	-	2,156			45,017
28	399	Other Tangible Property	-	-	-			-
29		Total General Plant	729,623	16,927	14,024	-	-	732,526
30		Total Cost Gas Plant in Service	42,101,985	3,965,641	2,333,416	-	-	43,734,210
31								Total Cost of Gas Plant..... 43,734,210
33								Less Cost of Land, Land Rights, Rights of Way..... 219,405
34								Total Cost upon which Depreciation is based 43,514,805
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)	25,248,595	24,805,281	(443,314)
3	101	Utility Plant - Gas (P. 20)	25,394,702	26,511,937	1,117,235
4					
5		Total Utility Plant	50,643,297	51,317,218	673,921
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	359,744	360,156	412
13	126	Depreciation Fund (P. 14)	185,567	185,705	138
14	128	Other Special Funds	-	-	-
15		Total Funds	545,311	545,861	550
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	(2,117,258)	(4,083,411)	(1,966,153)
18	132	Special Deposits	1,485,651	1,456,472	(29,179)
19	135	Working Funds	700	700	-
20	141	Notes Receivable	-	-	-
21	142	Customer Accounts Receivable	4,718,655	4,157,487	(561,168)
22	143	Other Accounts Receivable	2,037,114	1,570,538	(466,576)
23	146	Receivables from Municipality	-	-	-
24	151	Materials and Supplies (P. 14)	1,169,886	1,275,561	105,675
25			-	-	-
26	165	Prepayments	4,557,801	5,066,198	508,397
27	174	Miscellaneous Current Assets	-	-	-
28		Total Current and Accrued Assets	11,852,549	9,443,545	(2,409,004)
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	-	-	-
31	182	Extraordinary Property Losses	-	-	-
32	185	Other Deferred Debits	1,474,481	828,633	(645,848)
33		Total Deferred Debits	1,474,481	828,633	(645,848)
34					
35		Total Assets and Other Debits	64,515,638	62,135,257	(2,380,381)

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	359,744	360,156	412
5	206	Loans Repayment	-	-	-
6	207	Appropriations for Construction Repayments	-	-	-
7	208	Unappropriated Earned Surplus (P. 12)	26,621,549	29,233,189	2,611,640
8		Total Surplus	26,981,293	29,593,345	2,612,052
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	-	-	-
11	231	Notes Payable (P. 7)	17,608,169	15,209,531	(2,398,638)
12		Total Bonds and Notes	17,608,169	15,209,531	(2,398,638)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	671,311	113,018	(558,293)
15	234	Payables to Municipality	-	-	-
16	235	Customers' Deposits	1,480,572	1,456,472	(24,100)
17	236	Taxes Accrued	-	-	-
18	237	Interest Accrued	-	-	-
19	242	Miscellaneous Current and Accrued Liabilities	813,778	803,409	(10,369)
20		Total Current and Accrued Liabilities	2,965,661	2,372,899	(592,762)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	-	-	-
23	252	Customer Advances for Construction	-	-	-
24	253	Other Deferred Credits	12,804,783	10,985,330	(1,819,453)
25		Total Deferred Credits	12,804,783	10,985,330	(1,819,453)
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	436,794	255,214	(181,580)
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	436,794	255,214	(181,580)
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	64,515,638	62,135,257	(2,380,381)

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)	37,442,239	(4,353,296)
3	Operating Expenses:		
4	401 Operation Expense (P. 42 and 47)	25,099,721	(6,566,092)
5	402 Maintenance Expense	1,831,908	186,454
6	403 Depreciation Expense	5,254,683	1,187,759
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	697,616	(120,821)
10	Total Operating Expenses	32,883,928	(5,312,700)
11	Operating Income	4,558,311	959,404
12	414 Other Utility Operating Income (P. 50)	-	-
13			
14	Total Operating Income	4,558,311	959,404
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	4,744	(677,363)
17	419 Interest Income	19,210	(28,184)
18	421 Miscellaneous Nonoperating Income (P. 21)	-	-
19	Total Other Income	23,954	(705,547)
20	Total Income	4,582,265	253,857
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	-	-
23	426 Other Income Deductions	-	-
24	Total Income Deductions	-	-
25	Income Before Interest Charges	4,582,265	253,857
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	430,896	(18,150)
31	432 Interest: Charged to Construction - Credit	-	-
32	Total Interest Charges	430,896	(18,150)
33	NET INCOME	4,151,369	272,007
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		26,621,549
35			
36			
37	433 Balance Transferred from Income		4,151,369
38	434 Miscellaneous Credits to Surplus (P. 21)		439,925
39	435 Miscellaneous Debits to Surplus (P. 21)	924,965	
40	436 Appropriations of Surplus (P. 21)	413	
41	437 Surplus Applied to Depreciation	1,054,276	
42	208 Unappropriated Earned Surplus (at end of period)	29,233,189	
43			
44	TOTALS	31,212,843	31,212,843

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)	\$ 27,531,501	\$ 517,502	\$ 9,910,738	\$ 826,737
3	Operating Expenses:				
4	401 Operation Expense (P.42)	18,559,065	(221,936)	6,540,656	298,813
5	402 Maintenance Expense (P. 42)	1,352,292	109,006	479,616	35,834
6	403 Depreciation Expense	3,186,347	(4,477)	2,068,336	85,345
7	407 Amortization of Property Losses				
8					
9	408 Taxes (P. 49)	600,406	(86,077)	97,210	3,111
10	Total Operating Expenses	23,698,110	(203,484)	9,185,818	423,103
11	Operating Income	3,833,391	720,986	724,920	403,634
12	414 Other Utility Operating Income (P.50)				
13					
14	Total Operating Income	3,833,391	720,986	724,920	403,634
15	OTHER INCOME				
16	415 Inc. from Merch., Jobbing, and Contract Work	(2,128)	36,317	6,872	(549,902)
17	419 Interest Income	18,496	(15,590)	714	(1,460)
18	421 Miscellaneous Income				
19	Total Other Income	16,368	20,727	7,586	(551,362)
20	Total Income	3,849,759	741,713	732,506	(147,728)
21	MISCELLANEOUS INCOME DEDUCTIONS				
22	425 Miscellaneous Amortization				
23	426 Other Income Deductions				
24	Total Income Deductions	-	-	-	-
25	Income before Interest Charges	3,849,759	741,713	732,506	(147,728)
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	429,941	(67,357)	955	(7,261)
31	432 Interest Charged to Construction-Credit				
32	Total Interest Charges	429,941	(67,357)	955	(7,261)
33	Net Income	3,419,818	809,070	731,551	(140,467)

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operating Fund	(4,083,411)	
2			
3			
4			
5			
6			
7			
8			
9			
10		TOTAL	(4,083,411)
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)	662,025	613,536
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	662,025	613,536
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
22	DEBITS		
23	Balance of account at beginning of year	185,567	
24	Income during year from balance on deposit (interest)	138	
25	Amount transferred from income (depreciation)	4,847,221	
26	Amount transferred in from surplus & other transfers in		
27	TOTAL	5,032,926	
28	CREDITS		
29	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	4,847,221	
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	185,705	
38	TOTAL	5,032,926	

UTILITY 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).

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)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						NONE
2							
3							
4		-	-	-	-	-	-
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	-	-	-	-	-	-
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)	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						NONE
11	340 Land and Land Rights	-	-	-			-
12	341 Structures and Improvements	4,425,428	-	359,200	-		4,066,228
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	4,425,428	-	359,200	-	-	4,066,228
19	Total Production Plant	4,425,428	-	359,200	-	-	4,066,228
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	3,944,785	-	322,742	-		3,622,043
4	362 Station Equipment	5,820,661	2,590	866,022	(1,342,183)		6,299,412
5	363 Storage Battery Equipment	2,980,817	-	243,932	-		2,736,885
6	364 Poles Towers and Fixtures	520,430	64,577	136,215	1,394		447,398
7	365 Overhead Conductors and Devices	1,930,692	165,385	371,416	6,814		1,717,847
8	366 Underground Conduit	845,058	-	93,888	-		751,170
9	367 Underground Conductors and Devices	314,753	297,330	203,855	451		407,777
10	368 Line Transformers	670,239	241,098	177,658	8,247		725,432
11	369 Services	123,017	45,516	31,031	2,368		135,134
12	370 Meters	54,446	15,252	24,778	5,704		39,216
13	371 Installations on Customer's Premises	65,073	-	4,638	-		60,435
14	372 Leased Prop on Customer's Premises	-	-	-	-		-
15	373 Streetlight and Signal Systems	758,932	6,714	73,398	300		691,948
16	Total Distribution Plant	18,237,425	838,461	2,549,573	(1,316,905)	-	17,843,219
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	65,863	20,919	20,221	-		66,561
21	392 Transportation Equipment	647,417	354,993	202,853	-		799,557
22	393 Stores Equipment	7,642	-	623	-		7,019
23	394 Tools, Shop and Garage Equipment	64,066	2,565	5,326	-		61,305
24	395 Laboratory Equipment	75	-	-	-		75
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	718,115	49,550	44,061	-		723,604
27	398 Miscellaneous Equipment	41,504	-	4,491	-		37,013
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	1,545,182	428,027	277,575	-	-	1,695,634
30	Total Electric Plant in Service	24,208,035	1,266,488	3,186,348	(1,316,905)	-	23,605,081
31	104 Utility Plant Leased to Others						-
32	105 Property Held for Future Use						-
33	107 Construction Work in Progress	1,040,560	1,501,823		1,342,183		1,200,200
34	Net Utility Plant Electric	25,248,595	2,768,311	3,186,348	25,278	-	24,805,281

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)	NOT APPLICABLE			-	-
5						
6						
7						
8						
9						
10						
11	Sold or Transferred	-				
12	TOTAL DISPOSED OF	-	-	-	-	-
13	BALANCE END OF YEAR	\$ -	-	-	-	\$ -
Line No.	Item (g)		Kinds of Fuel and Oil - continued			
			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		the preceding year. Such items should be included in column (c).			negative effect of such amounts.		
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			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 the preceding year. Such items should be included in column (c). negative effect of such amounts.
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 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	1,800,119	35,651	192,739	339,808		1,303,223
4	367 Mains	15,117,346	1,785,665	1,115,435	10,689		15,776,887
5	369 Measuring & Regulating Equipment	602,568	786,769	96,928	102,923		1,189,486
6	380 Services	4,649,661	764,493	446,747	23,776		4,943,631
7	381 Meters	444,099	31,156	65,019	42,612		367,624
8	382 Meter Installation	2,089,250	544,980	100,655	260,263		2,273,312
16	Total Distribution Plant	24,921,948	3,948,714	2,017,523	780,071	-	26,073,068
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	14,499	6,481	4,255	-		16,725
21	392 Transportation Equipment	54,648	10,446	16,197	-		48,897
22	393 Stores Equipment	2,502	-	192	-		2,310
23	394 Tools, Shop and Garage Equipment	167,739	-	13,276	-		154,463
24	395 Laboratory Equipment	4,248	-	1,828	-		2,420
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	211,193	-	12,707	-		198,486
27	398 Miscellaneous Equipment	17,427	-	2,359	-		15,068
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	472,756	16,927	50,814	-	-	438,869
30	Total Gas Plant in Service	25,394,704	3,965,641	2,068,337	780,071	-	26,511,937
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	25,394,704	3,965,641	2,068,337	780,071	-	26,511,937

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	47,426
17		
18		
19		
20	WMCC Surplus Prior	24,059
21	WMCC Surplus Current	368,440
22		
23	TOTAL	439,925
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25	Payments in Lieu of Taxes - Payments to Town	924,965
26		
27		
28		
29		
30		
31		
32	TOTAL	924,965
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Surplus applied to Sinking Fund	413
35		
36		
37		
38		
39		
40	TOTAL	413

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	482	Municipal Gas	45,589,300	\$ 700,541	\$ 15.3663
2					
3					
4					
		TOTALS	45,589,300	700,541	15.3663
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)
5	444	Power Sales to Public Authorities	7,511,615	\$ 1,202,924	\$ 0.1601
6					
7					
8					
9					
10					
11		TOTALS	7,511,615	1,202,924	0.1601
12	444	Public Sales - Highway Lighting	727,291	\$ 188,131	\$ 0.2587
13					
14					
15					
16					
17		TOTALS	727,291	188,131	0.2587
		TOTALS	8,238,906	1,391,055	0.1688

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)
18	See Pages 54 and 55				
19					
20					
21					
22					
23					
24					
25					
26					
		TOTALS	-	-	-

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)
27	NONE				
28					
29					
30					
31					
32					
33					
34					
		TOTALS	-	-	-

<p>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.</p> <p>2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</p> <p>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.</p> <p>4. Unmetered sales should be included below. The details of such sales should be given in a footnote.</p> <p>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</p>							
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	13,461,037	63,801	83,431,879	(54,754)	11,177	140
3	442 Commercial and Industrial Sales:						
4	Small or Commercial	2,336,777	64,359	14,289,358	392,045	1,528	(11)
5	Large or Industrial Sales	9,013,312	(181,101)	58,306,013	(1,476,944)	258	(2)
6	444 Municipal Sales	1,391,055	161,003	8,238,906	941,742	167	1
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	26,202,181	108,062	164,266,156	(197,911)	13,130	128
12	447 Sales for Resale	-	-	-	-	-	-
13	Total Sales of Electricity *	26,202,181	108,062	164,266,156	(197,911)	13,130	128
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	100,878	(6,066)				
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	1,228,442	415,506				
21							
22							
23							
24							
25	Total Other Operating Revenues	1,329,320	409,440				
26	Total Electric Operating Revenue	27,531,501	517,502				
				<p>* Inclusive of revenues from applicable fuel clauses \$ 26,202,181</p> <p>Total kWh to which applied 162,369,791</p>			

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	83,431,879	13,461,037	0.1613	11,152	11,264
2	442	Commercial Sales	13,120,284	2,248,197	0.1714	1,524	1,527
3	442-1	Power Sales	58,306,013	9,013,312	0.1546	256	260
4	444	Public Sales - Highway Lighting	727,291	188,131	0.2587	-	-
5	444	Other Sales to Public Authorities	7,511,615	1,202,924	0.1601	166	166
6	451	Private Area Lighting	1,169,074	88,580	0.0758	-	-
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)		164,266,156	26,202,181	0.1595	13,098	13,217

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 or 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	14,150,886	437,792
27	556 System control and load dispatching	-	-
28	557 Other expenses	-	-
29	Total other power supply expenses	14,150,886	437,792
30	Total power production expenses	14,150,886	437,792
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)	1,058,299	270,685
5	582 Station expenses	493,882	(9,112)
6	583 Overhead line expenses	(103,986)	(104,787)
7	584 Underground line expenses	10,734	(6,126)
8	585 Street lighting and signal system expenses	8,039	6,906
9	586 Meter expenses	10,302	10,288
10	587 Customer installations expenses	4,003	(18,131)
11	588 Miscellaneous distribution expenses	85,009	(38,909)
12	589 Rents	-	-
13	Total operation	1,566,282	110,814
14	Maintenance:		
15	590 Maintenance supervision and engineering	-	-
16	591 Maintenance of structures	226,607	3,259
17	592 Maintenance of station equipment	4,832	(4,933)
18	593 Maintenance of overhead lines	981,840	102,242
19	594 Maintenance of underground lines	-	(805)
20	595 Maintenance of line transformers	18,044	18,044
21	596 Maintenance of street lighting and signal systems	-	-
22	597 Maintenance of meters	-	-
23	598 Maintenance of miscellaneous distribution plant	-	-
24	Total maintenance	1,231,323	117,807
25	Total distribution expenses	2,797,605	228,621
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	42,487	(28,532)
30	903 Customer records and collection expenses	545,511	(15,491)
31	904 Uncollectible accounts	10,833	2,344
32	906 Conservation & Rebates	184,633	184,633
33	Total customer accounts expenses	783,464	142,954
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	-	-
37	912 Demonstrating and selling expenses	-	-
38	913 Advertising expenses	53,419	(128,325)
39	916 Miscellaneous sales expenses	-	-
40	Total sales expenses	53,419	(128,325)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	466,383	(13,790)
44	921 Office supplies and expenses	313,784	95,423
45	922 Administrative expenses transferred - Cr	-	-
46	923 Outside services employed	219,526	(65,431)
47	924 Property insurance	60,495	(197)
48	925 Injuries and damages	25,093	(36,809)
49	926 Employee pensions and benefits	743,652	(836,001)
50	928 Regulatory commission expenses	-	-
51	929 Store Expense	-	-
52	930 Miscellaneous general expenses	176,081	71,634
53	931 Rents	-	-
54	Total operation	2,005,014	(785,171)

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	120,969	(8,801)	
4	Total administrative and general expenses	2,125,983	(793,972)	
5	Total Electric Operation and Maintenance Expenses	19,911,357	(112,930)	
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	14,150,886	-	14,150,886
13	Total power production expenses	14,150,886		14,150,886
14	Transmission Expenses	-	-	-
15	Distribution Expenses	1,566,282	1,231,323	2,797,605
16	Customer Accounts Expenses	783,464	-	783,464
17	Sales Expenses	53,419	-	53,419
18	Administrative and General Expenses	2,005,014	120,969	2,125,983
19	Total Electric Operation and			
20	Maintenance Expenses	18,559,065	1,352,292	19,911,357
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)			83.90%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			3,248,679
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			24.875 FTE.'s

<p>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.</p> <p>2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.</p> <p>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.</p> <p>4. Unmetered sales should be included below. The details of such sales should be given in a footnote.</p> <p>5. Classification on Commercial and Industrial Sales, Large (or Industrial) may be according to the basis of classification regularly used by the respondent.</p>							
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	6,826,221	286,737	416,656.8	4,157	6,450	123
3	481 Commercial and Industrial Sales:						
4	Small or Commercial	2,093,185	235,724	134,683.3	12,199	607	(7)
5	Large or Industrial Sales	-	-	-	-	-	-
6	482 Municipal Sales (P. 22)	700,541	50,149	45,589.3	2,186	47	3
7	483 Other Sales	-	-	-	-	-	-
8	485 Miscellaneous Gas Sales	-	-	-	-	-	-
9	Total Sales to Ultimate Consumers	9,619,947	572,610	596,929.4	18,541.8	7,104	119
10	483 Sales for Resale	-	-	-	-	-	-
11	Total Sales of Gas*	9,619,947	572,610	596,929.4	18,541.8	7,104	119
12	OTHER OPERATING REVENUES						
13	487 Forfeited Discounts	26,773	3,213				
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	264,018	250,914				
21	Total Other Operating Revenues	290,791	254,127				
22	Total Gas Operating Revenue	9,910,738	826,737				
23							
24							
				<p>* Inclusive of revenues from applicable fuel clauses \$ 9,619,947</p> <p>Total MCF to which applied 596,929.4</p>			

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	25,247.4	510,372	20.2148	1,274	1,276
2	480	Gas Heating Sales	513,948.5	8,203,738	15.9622	5,661	5,843
3	481	Commercial & Industrial	12,144.2	205,296	16.9049	102	102
4	482	Sales to Public Authorities	45,589.3	700,541	15.3663	47	47
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43							
44							
45							
46							
47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 43 Line 9)		596,929.4	9,619,947	16.1157	7,084	7,268

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	5,273,490	955,597
5	Maintenance:	-	-
6	Total other gas supply expenses	-	-
7	Total production expenses	5,273,490	955,597
8	Total Operation	5,273,490	955,597
9	TRANSMISSION AND DISTRIBUTION EXPENSES		
10	Operation:		
11	850 Operation supervision and engineering	147,368	(8,975)
10	851 System control and load dispatching	-	-
11	852 Communication system expenses	-	-
12	853 Compressor station labor and expenses	183,667	(4,465)
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	44,998	(104,296)
17	878 Meter and house regulator expenses	-	-
18	879 Customer installations expenses	169,147	(32,240)
19	880 Other expenses	85,824	(10,177)
20	881 Rents	-	-
21	Total Operation	631,004	(160,153)
22	Maintenance:		
23	885 Maintenance supervision and engineering	-	-
24	886 Maintenance of structures and improvements	-	-
25	887 Maintenance of mains	409,417	31,279
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	19,605	7,400
30	894 Maintenance of other equipment	18,193	(7,577)
31	Total Maintenance	447,215	31,102
32	Total Transmission and Distribution	1,078,219	(129,051)
33	CUSTOMER ACCOUNTS EXPENSES		
34	Operation:		
35	901 Supervision	-	-
36	902 Meter reading expenses	16,391	(7,282)
37	903 Customer records and collection expenses	177,147	(8,549)
38	904 Uncollectable accounts	23,893	22,063
39	905 Miscellaneous customer accounts expenses	-	-
40	Total Customer Accounts Expense	217,431	6,232
41	SALES EXPENSES		
42	Operation:		
43	911 Supervision	-	-
44	912 Demonstrating and selling expenses	-	-
45	913 Advertising expenses	5,818	(4,837)
46	916 Miscellaneous sales expenses	-	-
47	Total Sales Expenses	5,818	(4,837)

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	168,536	(17,452)
4	921 Office supplies and expenses	102,602	26,300
5	922 Administrative expenses transferred -Cr.	-	-
6	923 Outside services employed	58,878	6,288
7	924 Property insurance	3,703	(76)
8	925 Injuries and damages	17,986	(23,772)
9	926 Employees pensions and benefits	59,295	(376,290)
10	928 Regulatory commission expenses	-	-
11	929 Duplicate charges-Cr.	-	-
12	930 Miscellaneous general expenses	1,913	(113,024)
13	931 Rents	-	-
14	Total Operation	412,913	(498,026)
15	Maintenance:		
16	932 Maintenance of general plant	32,401	4,732
17	Total Maintenance	32,401	4,732
18	Total Administrative and General Expenses	445,314	(493,294)
19	Total Gas Operation and Maintenance Expense	7,020,272	334,647

SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
20	Other gas supply expenses	5,273,490	-	5,273,490
21	Total Production expenses	5,273,490	-	5,273,490
22	Local storage expenses	-	-	-
23	Transmission and distribution expenses	631,004	447,215	1,078,219
24	Customer accounts expenses	217,431	-	217,431
25	Sales expenses	5,818	-	5,818
26	Administrative and general expenses	412,913	32,401	445,314
27	Total gas operation and maintenance	6,540,656	479,616	7,020,272
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)			91.70%
29	Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts.			1,751,140
30	Total number of employees of gas department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			16.125 FTE.'s

If gas is purchased or sold at two or more different rates, the amounts of each rate should be shown in the following tables

SALES FOR RESALE (Account 483)					
Line No.	Names of Companies to Which Gas is Sold (a)	Where Delivered and Where and How Measured (b)	MMBTU (c)	Rate Per MMBTU (d)	Amount (e)
1	NONE			-	-
2					
3					
4					
5					
6	TOTALS			-	-

SALE OF RESIDUALS (Accounts 730, 731)							
State the revenues and expenses of the respondent resulting from the sale of residuals.							
Line No.	Kind (a)	Revenue (b)	Inventory Cost (c)	Labor, Handling, Selling, Etc. (d)	Other (e)	Total Cost (f)	Net Revenue (g)
7	NONE					-	-
8							
9							
10							
11							
12	TOTALS					-	-

PURCHASED GAS (Accounts 804 - 806)					
Line No.	Names of Companies From Which Gas is Purchased (a)	Where Received and Where and How Measured (b)	M.C.F (1,000 BTU) (c)	Rate Per M.C.F (d)	Amount (e)
13	Sprague Energy	480 North Avenue, Meter house in rear of Fire Station on Oak Street, Greenwood, Meter house on Salem	618,458	\$ 7.7338	\$ 4,783,057
14		National Grid	Street near Wakefield/Lynnfield town line, Meter house on Broadway	2,401	\$ 12.2016
15					
16					
17					
18					
19		All locations are metered			
20	TOTALS		620,859	7.7511	4,812,353

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	Commonwealth of Massachusetts	\$ 697,616	\$ 600,406	\$ 97,210					
2									
3									
4									
5									
6									
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29									
30									
31									
32									
33	TOTALS	\$ 697,616	\$ 600,406	\$ 97,210					

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					
5					
6					
7					
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41					
42					
43					
44					
45					
46	TOTALS	\$ -	\$ -	\$ -	\$ -

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Year Ended December 31, 2021 **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	291,278	19,521		310,799
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	291,278	19,521	-	310,799
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	293,406	12,649		306,055
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	293,406	12,649	-	306,055
50	Net Profit (or loss)	(2,128)	6,872	-	4,744

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 and "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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35								
36								
37								
38								
39								
40								
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
								5
								6
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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		1,471		
3	Stonybrook Peaking	O		TOWN LINE		10,842		
4	Stonybrook Intermediate	O		TOWN LINE		13,696		
5	Nuclear Mix 1 (Seabrook)	O	X	TOWN LINE		70		
6	Nuclear Mix 1 (Millstone)	O	X	TOWN LINE		710		
7	Nuclear Project 3 (Millstone)	O	X	TOWN LINE		1,645		
8	Nuclear Project 4 (Seabrook)	O	X	TOWN LINE		1,789		
9	Nuclear Project 5 (Seabrook)	O	X	TOWN LINE		249		
10	W.F. Wyman	O	X	TOWN LINE		2,724		
11	Project 6 (Seabrook)	O	X	TOWN LINE		2,340		
12	ISO OATT			TOWN LINE				
13	System Power	DP						
14	Berkshire Wind Power Cooperative PH I			TOWN LINE				
15	Eagle Creek	O		TOWN LINE		1,000		
16	Hancock Wind	O		TOWN LINE	RS	2,378		
17	Berkshire Wind Power Cooperative PH II			TOWN LINE				
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35	** Includes transmission and administrative charges							
36								

**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	-	-	-	18,162	18,162	N/A	1
60 MINUTES	115,000 V	10,185,054	72,759	50,461	199,727	322,947	\$0.0317	2
60 MINUTES	115,000 V	121,433	219,453	18,138	16,993	254,584	\$2.0965	3
60 MINUTES	115,000 V	2,109,474	532,933	85,021	23,000	640,954	\$0.3038	4
60 MINUTES	115,000 V	625,385	13,775	2,901	43	16,719	\$0.0267	5
60 MINUTES	115,000 V	6,434,505	209,578	42,431	7,049	259,058	\$0.0403	6
60 MINUTES	115,000 V	14,727,986	479,298	97,121	16,135	592,554	\$0.0402	7
60 MINUTES	115,000 V	15,330,550	339,152	71,106	1,044	411,302	\$0.0268	8
60 MINUTES	115,000 V	2,132,719	48,127	9,892	145	58,164	\$0.0273	9
60 MINUTES	115,000 V	-	-	-	-	-	N/A	10
60 MINUTES	115,000 V	20,055,456	451,015	93,021	1,366	545,402	\$0.0272	11
60 MINUTES	115,000 V	-	-	-	3,080,602	3,080,602	N/A	12
		67,321,931	856,398	2,662,744	-	3,519,142	\$0.0523	13
60 MINUTES	115,000 V	3,085,363	596,964	-	-	596,964	\$0.1935	14
60 MINUTES	115,000 V	3,442,611	-	192,270	419	192,689	\$0.0560	15
60 MINUTES	115,000 V	5,668,506	-	288,864	1,241	290,105	\$0.0512	16
60 MINUTES	115,000 V	1,002,298	132,804	-	-	132,804	\$0.1325	17
		-	(72,717)	-	(102,484)			18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
	TOTALS:	152,243,271	\$ 3,879,539	\$ 3,613,970	\$ 3,263,442	\$ 10,932,152		36

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 Non-utilities, (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				177,198,770	154,291,140	22,907,630	3,080,333
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				177,198,770	154,291,140	22,907,630	3,080,333

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	2,786,540
14		NEPOOL EXPENSE	293,793
15			
16			
17			
18			
19			
20			
21	TOTAL		3,080,333

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		152,243,271
9	(In (gross)	177,198,770	
10	Interchanges < Out (gross)	154,291,140	
11	(Net (Kwh)		22,907,630
12	(Received	-	
13	Transmission for/by others (wheeling) < Delivered	-	
14	(Net (Kwh)		-
15	TOTAL		175,150,901
16	DISPOSITION OF ENERGY		
17	Sales to ultimate consumers (including interdepartmental sales)		164,266,156
18	Sales for resale		-
19	Energy furnished without charge		
20	Energy used by the company (excluding station use):		
21	Electric department only		1,448,465
22	Energy losses		
23	Transmission and conversion losses	-	
24	Distribution losses	9,436,280	
25	Unaccounted for losses	-	
26	Total energy losses		9,436,280
27	Energy losses as percent of total on line 15	5.39%	
28	TOTAL		175,150,901

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	28,023	Friday	29	10:00 AM	60 min	15,546,172
30	February	27,300	Monday	1	1:00 PM	60 min	14,200,767
31	March	25,704	Tuesday	2	10:00 AM	60 min	13,747,587
32	April	22,075	Friday	16	5:00 PM	60 min	11,900,436
33	May	32,944	Wednesday	26	4:00 PM	60 min	12,531,269
34	June	43,864	Wednesday	30	3:00 PM	60 min	17,057,385
35	July	38,371	Friday	16	2:00 PM	60 min	16,027,114
36	August	41,900	Thursday	26	3:00 PM	60 min	18,351,069
37	September	32,172	Wednesday	15	3:00 PM	60 min	14,001,606
38	October	21,605	Wednesday	27	6:00 PM	60 min	12,266,365
39	November	24,276	Wednesday	24	6:00 PM	60 min	14,518,080
40	December	26,091	Monday	27	6:00 PM	60 min	15,003,051
41						TOTAL	175,150,901

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					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

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				
				Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)	
1	NONE							
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
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16								
17								
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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.
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
					TOTALS	0	0	0	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					
7					
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34					
35					
36					
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41					
42					
43					
44					
45					
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								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
	TOTALS				-	-	-	

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

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 5000 kVa, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give

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

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Wakefield Substation	Distribution	13,800	4,169		6,000	2	-			
2	Wakefield Avenue, Wakefield	Unattended									
3											
4											
5	Matthew J Burns	Distribution	13,800	4,169		10,000	2	-			
6	Ballister Street, Wakefield	Unattended									
7											
8											
9	Marcus Beebe	Distribution	115,000	13,800		110,000	2	-			
10	Farm Street, Wakefield	Unattended									
11											
12											
13	Wallace Substation	Distribution	115,000	13,800		120,000	2				
14	Salem Street, Wakefield	Unattended									
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26	TOTALS					246,000	8	-			

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	1.5		1.5
3	Retired During Year	1.5		1.5
4	Miles -- End of Year	65.4	-	65.4
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:	8,054	13,136	1,313	139,778
17	Additions during year				
18	Purchased	-			
19	Installed	29	173	57	4,986
20	Associated with utility plant acquired				
21	Total Additions	29	173	57	4,986
22	Reductions during year:				
23	Retirements & other reductions	17	92	58	3,227
24	Associated with utility plant sold				
25	Total Reductions	17	92	58	3,227
26	Number at end of year	8,066	13,217	1,312	141,537
27	In stock		320	113	15,226
28	Locked meters on customers' premises				
29	Inactive transformers on system			-	-
30	In customers' use		13,217	1,312	141,537
31	In company's use		6	8	814
32	Number at end of year		13,543	1,433	157,577

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	44.58	13.79 miles 3 conductor	13,800	NONE	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
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36						
37						
38						
39						
40						
41						
42						
43	TOTALS	44.6	161.0		-	

*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		Incandescent & Other		H. P. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Wakefield	3,251	2,569	55	-	13	68	139	114	293
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	3,251	2,569	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	620,858	117,823	107,624	82,216	49,073	25,842
12							
13							
14	TOTAL MADE &	620,858	117,823	107,624	82,216	49,073	25,842
15	PURCHASED						
16							
17	Net Change in						
18	Holder Gas						
19	TOTAL SENDOUT	620,858	117,823	107,624	82,216	49,073	25,842
20							
21							
22	Gas Sold	596,929	101,832	111,875	106,708	60,927	36,821
23	Gas Used by Company	9,454	801	1,325	462	1,040	588
24	Gas Accounted for	606,383	102,633	113,200	107,170	61,967	37,409
25	Gas Unaccounted for	14,475	15,190	(5,576)	(24,954)	(12,894)	(11,567)
26	% Unaccounted						
27	for (0.00%)	2.33%	12.89%	(5.18%)	(30.35%)	(26.28%)	(44.76%)
28							
29							
30	Sendout in 24 Hours						
31	in MCF						
32	Maximum MCF	6,319	6,319	4,917	5,116	3,497	1,574
33	Maximum Date	1/29/21	1/29/21	2/12/21	3/2/21	4/2/21	5/5/21
34	Minimum MCF	384	2,705	2,398	953	741	496
35	Minimum Date	8/14/21	1/16/21	2/24/21	3/26/21	4/10/21	5/22/21
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	14,937	13,446	13,102	13,845	24,777	67,363	90,810
12							
13							
14	14,937	13,446	13,102	13,845	24,777	67,363	90,810
15							
16							
17							
18							
19	14,937	13,446	13,102	13,845	24,777	67,363	90,810
20							
21							
22	19,730	13,141	12,013	12,277	15,103	37,170	69,332
23	1,429	468	775	546	783	666	571
24	21,159	13,609	12,788	12,823	15,886	37,836	69,903
25	(6,222)	(163)	314	1,022	8,891	29,527	20,907
26							
27	(41.65%)	(1.21%)	2.40%	7.38%	35.88%	43.83%	23.02%
28							
29							
30							
31							
32	727	592	647	699	2,091	3,969	4,394
33	6/8/21	7/16/21	8/12/21	9/30/21	10/28/21	11/23/21	12/23/21
34	426	404	384	409	461	1,081	1,488
35	6/27/21	7/26/21	8/14/21	9/5/21	10/16/21	11/18/21	12/16/21
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							

Next page is 77

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"	561	-	-	-	561
5	4"	1,745	-	-	-	1,745
6	6"	-	-	-	-	-
7	10"	-	-	-	-	-
8						
9	Sub Total	2,306	-	-	-	2,306
10						
11	DISTRIBUTION - STEEL PIPE					
12						
13	1"	-	-	-	-	-
14	1¼"	60	-	-	60	-
15	1½"	75	-	-	-	75
16	2"	7,155	-	-	600	6,555
17	3"	25,415	-	-	2,354	23,061
18	4"	70,614	-	-	7,139	63,475
19	6"	8,397	-	-	60	8,337
20	8"	100	-	-	-	100
21	10"	4,118	-	-	-	4,118
22						
23	Sub Total	115,934	-	-	10,213	105,721
24						
25	DISTRIBUTION - PLASTIC PIPE					
26						
27	1"	373	100	-	-	473
28	1¼"	425	-	-	-	425
29	2"	21,787	1,079	-	-	22,866
30	3"	4,338	-	-	-	4,338
31	4"	104,206	2,826	-	600	106,432
32	6"	136,194	6,824	-	-	143,018
33	8"	80,209	2,330	-	641	81,898
34	12"	2,816	-	-	-	2,816
35						
36	Sub Total	350,348	13,159	-	1,241	362,266
37						
38	DISTRIBUTION - STEEL MAINS WELDED					
39						
40	4"	1,550	-	-	-	1,550
41	10"	2,074	-	-	-	2,074
42						
43	Sub Total	3,624	-	-	-	3,624
44						
45	Grand Totals	472,212	13,159	-	11,454	473,917
46						
47						

GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS**PAGE 78**

Line No.	Item	Gas Services	House Governors	Meters
1				
2	Number at beginning of year:	5,136	-	7,227
3	Additions during year			
4	Purchased	-	-	240
5	Installed	186	-	26
6	Associated with utility plant acquired	-	-	
7	Total Additions	186	-	266
8				
9	Reductions during year:			
10	Retirements	160	-	225
11	Associated with utility plant sold	-	-	
12	Total Reductions	160	-	225
13	Number at end of year	5,162	-	7,268
14				
15	In stock			605
16	On Customers' Premises - Inactive			-
17	On Customers' Premises - Active			7,268
18	In Company Use			6
19	Number at end of year			7,879
20				
21	Number of Meters Tested by State Inspectors			
22	During Year			1,346
23				

* Note Meters on Customers' Premises should equal

Page 44 and Page 4

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		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



Peter D. Dion

General Manager

Manager of Electric Light



Thomas H. Boettcher

Chair

Elton Prifti

Secretary

 Selectmen
or
Members
of the
Municipal
Light
Board

Philip R. Courcy

Jennifer L. Kallay

John J. Warchol

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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.....	Manager of Electric Light
Peter D. Dion	General Manager)
.....	
Thomas H. Boettcher	Chair	
.....	
Elton Prifti	Secretary	
<i>Elton Prifti</i>		
Philip R. Courcy)
.....		
Jennifer L. Kallay		
.....		
John J. Warchol		
.....)

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Members
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Municipal
Light
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.....		Selectmen
Elton Prifti	Secretary		or
<i>Philip R. Courcy</i>			Members
Philip R. Courcy)	of the
.....		Municipal
Jennifer L. Kallay			Light
.....		Board
John J. Warchol			
.....)	

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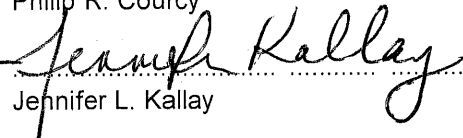
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Philip R. Courcy		
.....	
Jennifer L. Kallay		
.....	
	John J. Warchol	
.....)

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MDPU No. 47
Effective August 1, 2009
Cancels MDTE No. 44

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
DOMESTIC GAS RATE A

Availability

Service under this rate is available for all Domestic purposes in an individual private dwelling or an individual apartment.

Heating Value of Gas

The gas supplied hereunder shall have a thermal value of not less than 1,000 British thermal units per cubic foot (ft³).

Rate

Customer Charge	\$5.25 per month
Delivery Charge	\$0.8002 per ccf
Cost of Gas Charge	\$1.2000 per ccf

Cost of Gas Adjustment Charge

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Cost of Gas Adjustment charge calculation.

Discount

A discount of 5% will be applied to all bills paid on or before the 15th day following billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

The Department's terms and conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Date Issued:

July 1, 2009

Date Effective:

August 1, 2009

Filed by:

Peter D. Dion, General Manager
Michael P. McCarthy, Chairman
Kenneth J. Chase, Jr.
John J. Warchol Jr.
Stephen McGrail
Kevin Haggerty

9 Albion Street
Wakefield, Massachusetts 01880

MDPU No. 48
Effective August 1, 2009
Cancels MDTE No. 45

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
DOMESTIC GAS RATE B

Availability

Service under this rate is available for all Domestic purposes in an individual private dwelling or an individual apartment. provided gas is the only fuel used for heating the premises. Service under this rate is also available in buildings other than residences for the following purposes only: space heating where the customer's premises are heated exclusively by gas and for air conditioning.

Heating Value of Gas

The gas supplied hereunder shall have a thermal value of not less than 1,000 British thermal units per cubic foot (ft³).

Rate

Customer Charge	\$6.25 per month
Delivery Charge	\$0.5988 per ccf
Cost of Gas Charge	\$1.2000 per ccf

Cost of Gas Adjustment Charge

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Cost of Gas Adjustment charge calculation.

Discount

A discount of 5% will be applied to all bills paid on or before the 15th day following billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

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Date Issued:

July 1, 2009

Date Effective:

August 1, 2009

Filed by:

Peter D. Dion, General Manager
Michael P. McCarthy, Chairman
Kenneth J. Chase, Jr.
John J. Warchol Jr.
Stephen McGrail
Kevin Haggerty

9 Albion Street
Wakefield, Massachusetts 01880

MDPU No. 50
Effective August 1, 2009
Cancels MDTE No. 46

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
GENERAL GAS RATE C

Availability

Service under this rate is available for all commercial and industrial purposes.

Heating Value of Gas

The gas supplied hereunder shall have a thermal value of not less than 1,000 British thermal units per cubic foot (ft³).

Rate

Customer Charge	\$5.25 per month
Delivery Charge	\$0.7658 per ccf
Cost of Gas Charge	\$1.2000 per ccf

Cost of Gas Adjustment Charge

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Cost of Gas Adjustment charge calculation.

Discount

A discount of 5% will be applied to all bills paid on or before the 15th day following billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

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Date Issued:

July 1, 2009

Date Effective:

August 1, 2009

Filed by:

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Michael P. McCarthy, Chairman

Kenneth J. Chase, Jr.

John J. Warchol Jr.

Stephen McGrail

Kevin Haggerty

9 Albion Street

Wakefield, Massachusetts 01880

MDPU No. 50M
Effective August 1, 2009
Cancels MDTE No. 46

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
MUNICIPAL GAS RATE D

Availability

Service under this rate is available for all municipal non-heating purposes.

Heating Value of Gas

The gas supplied hereunder shall have a thermal value of not less than 1,000 British thermal units per cubic foot (ft³).

Rate

Customer Charge	\$5.25 per month
Delivery Charge	\$0.7658 per ccf
Cost of Gas Charge	\$1.2000 per ccf

Cost of Gas Adjustment Charge

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Cost of Gas Adjustment charge calculation.

Discount

A discount of 5% will be applied to all bills paid on or before the 15th day following billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

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July 1, 2009

Date Effective:

August 1, 2009

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9 Albion Street

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MDPU No. 76
Effective January 1, 2020
Cancels MDPU No. 73

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Domestic Electric Rate A

Availability

Service under this rate is available for all domestic purposes in all residential dwelling units, including electric space heating, provided that the space heating equipment has been approved by our Department.

Also available for space heating in commercial or industrial buildings provided that all space heating is electric and is approved by our Department.

Rate

Customer Charge	\$6.00 per month
Distribution Charge	\$0.0442 per kilowatt-hour
Energy Charge	\$0.0908 per kilowatt-hour

Purchased Power and Fuel Adjustment

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Purchased Power and Fuel Adjustment charge (as defined in MDPU No. 80).

Energy Conservation Charge

An Energy Conservation Charge (ECC) is billed on a per kilowatt-hour basis in accordance with the Department's ECC rate MDPU No. 79.

Minimum Bill

The Customer Charge

Discount

A discount of 10% will be applied to all bills paid on or before the 15th calendar day following the billing date, which is the discount expiration date, provided that all previous bills have been paid and provided that if the 15th calendar day falls on a weekend or a federal holiday such deadline shall be extended to the next calendar day. The Customer Charge, Energy Charge, Fuel Adjustment Charge and Energy Conservation Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

The Department's terms and conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Date Issued:

October 2, 2019

Date Effective:

January 1, 2020

Filed by:

Peter D. Dion, General Manager
John J. Warchol, Chair
Philip R. Courcy, Secretary
Thomas H. Boettcher
Kenneth J. Chase
Jennifer L. Kallay

480 North Avenue
Wakefield, Massachusetts 01880

MDPU No. 77
Effective January 1, 2020
Cancels MDPU No. 74

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Commercial Electric Rate B

Availability

Service under this rate is available for use in stores, factories, other places of business and to others to whom the Domestic Electric Rate does not apply and where the total monthly use does not exceed 5,000 kilowatt-hours.

Also available for space heating in commercial or industrial buildings where all space heating is electric and is approved by our Department.

Rate

Customer Charge	\$8.00 per month
Distribution Charge	\$0.0470 per kilowatt-hour
Energy Charge	\$0.0956 per kilowatt-hour

Purchased Power and Fuel Adjustment

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Purchased Power and Fuel Adjustment charge (as defined in MDPU No. 80).

Energy Conservation Charge

An Energy Conservation Charge (ECC) is billed on a per kilowatt-hour basis in accordance with the Department's ECC rate MDPU No. 79.

Minimum Bill

The Customer Charge

Discount

A discount of 10% will be applied to all bills paid on or before the 15th calendar day following the billing date, which is the discount expiration date, provided that all previous bills have been paid and provided that if the 15th calendar day falls on a weekend or a federal holiday such deadline shall be extended to the next calendar day. The Customer Charge, Energy Charge, Fuel Adjustment Charge and Energy Conservation Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

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480 North Avenue
Wakefield, Massachusetts 01880

MDPU No. 78
Effective January 1, 2020
Cancels MDPU No. 75

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Electric Power Rate C

Availability

Applicable to all factories, stores, places of business and any other building in which commercial uses are ongoing when monthly usage is 5,000 kilowatt-hours and above. Also available for special services, such as welding, x-ray, heating and air conditioning subject to Department approval

Rate

Customer Charge	\$60.00 per month
Demand	\$11.50 per kilowatt
Distribution Charge	\$0.0064 per kilowatt-hour
Energy Charge	\$0.0928 per kilowatt-hour

Billing Demand

The Billing Demand for any month shall be the greater of the following:

The maximum 15 minute measured demand during the month as measured in kilowatts, or

70% of the maximum 15 minute measured demand as so determined during the preceding 11 months.

Purchased Power and Fuel Adjustment

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Purchased Power and Fuel Adjustment charge (as defined in MDPU No. 80).

Energy Conservation Charge

An Energy Conservation Charge (ECC) is billed on a per kilowatt-hour basis in accordance with the Department's ECC rate MDPU No. 79.

Minimum Bill

The Customer Charge

Credit for High Voltage Delivery

If delivery of electricity is made at the Department's supply line voltage and the Department is saved the cost of installing and maintaining any transformer and associated equipment credit will be allowed at the rate of 12 cents per kilowatt of demand per month. This credit shall be allowed after the application of any adjustment of discount, surcharge and fuel.

Discount

A discount of 10% will be applied to all bills paid on or before the 15th calendar day following the billing date, which is the discount expiration date, provided that all previous bills have been paid and provided that if the 15th calendar day falls on a weekend or a federal holiday such deadline shall be extended to the next calendar day. The Customer Charge, Energy Charge, Fuel Adjustment Charge and Energy Conservation Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

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October 2, 2019

Date Effective:

January 1, 2020

Filed by:

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Thomas H. Boettcher
Kenneth J. Chase
Jennifer L. Kallay

480 North Avenue
Wakefield, Massachusetts 01880

MDPU No. 79
Effective January 1, 2020

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Electric Energy Conservation Charge

Purpose and Applicability to:

The Energy Conservation Charge (ECC) is designed to recover the cost of the Department's energy conservation and efficiency programs administered by the Department and/or its consultants and shall be charged to all classifications of electric customers with the exception of streetlighting and private lighting accounts.

The ECC is calculated by dividing the annual cost of the Department's energy conservation & efficiency program(s) by the amount of kilowatt-hour sales in the customer classifications to which the respective program(s) are applicable

The ECC may be changed from time to time based on changes in the funding amounts for the activity in the Department's energy conservation & efficiency program(s).

Discount

The Energy Conservation Charge will not be discounted.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

The Department's terms and conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Date Issued:
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480 North Avenue
Wakefield, Massachusetts 01880

MDPU No. 80
Effective January 1, 2020
Cancels MDPU No. 72

WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Electric Purchased Power and Fuel Adjustment Clause

Applicable to:

Applicable to all kilowatt hours sold

Rate

There shall be an upward or downward adjustment applied to all kilowatt hours sold under provisions of rates contained in all electric tariffs related to the increase or decrease in the cost of purchased power including fuel & transmission from our wholesale electricity supplier(s).

The adjustment shall be based on the total cost of purchased power, cost of fuel and cost of transmission over and above that portion of which is contained in the energy charge (base rate) and shall be obtained by dividing the summation of total costs of purchased power, fuel and transmission for the month by the total kilowatt hours to be sold during the month and subtracting the energy charge (base rate) from the figure

The purchased power and fuel adjustment clause shall be rounded to the sixth decimal place and shall be applied to all kilowatt hours sold in the following month.

Discount

The Purchased Power and Fuel Adjustment Clause will not be discounted.

Term of Contract

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Terms and Conditions

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