



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,

2018

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

Official Title: Eugene J. Sullivan, Jr.
Assistant General Manager

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

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GENERAL INFORMATION**Page 3**

- | | | |
|-----|--|--|
| 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
Paul R. Dinocco 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
Peter J. May 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
Kenneth J. Chase Jr. 480 North Avenue Wakefield MA 01880
Philip R. Courcy 480 North Avenue Wakefield MA 01880
Jennifer L. Kallay 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) | \$ 513,165,663 |
| 9. | Tax rate for all purposes during the year:

Residential 12.95 Residential 12.83
Commercial 25.61 Commercial 25.15 | |
| 10. | Amount of manager's salary: | \$176,935 |
| 11. | Amount of manager's bond: | \$50,000 |
| 12. | Amount of salary paid to members of municipal light board (each): | \$138 |

Annual Report of the Wakefield Municipal Gas & Light Department

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

Line No.		Amount
	INCOME FROM PRIVATE CONSUMERS:	
1	From sales of gas	10,531,000
2	From sales of electricity	30,223,000
3	TOTAL	40,754,000
4		
5	EXPENSES	
6	For operation, maintenance and repairs	33,811,000
7	For interest on bonds, notes or scrip	267,600
8	For depreciation fund (5% 59,109,887 (excludes land as per page 9)	2,955,494
9	For sinking fund requirements	-
10	For note payments	385,800
11	For bond payments	-
12	For loss in preceding year	-
13	TOTAL	37,419,894
14		
15	COST:	
16	Of gas to be used for municipal buildings	716,000
17	Of gas to be used for street lights	-
18	Of electricity to be used for municipal buildings	1,275,000
19	Of electricity to be used for street lights	184,000
20	Total of above items to be included in the tax levy	2,175,000
21		
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	2,175,000

CUSTOMERS

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters December 31.	City or Town	Number of Customers' Meters, December 31.
Wakefield	7,068	Wakefield	12,980
TOTAL	7,068	TOTAL	12,980

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

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In Electric property:

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

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

During calendar 2018, WMGLD completed the replacement conventional streetlighting equipment with more efficient LED lighting equipment.

Additionally, WMGLD continues the engineering study for the upgrade of both gas & electric meter reading 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 AMI project.

During calendar year 2018, WMGLD installed ~ 5Mw of natural gas fired electricity generating equipment

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.

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	-	4,954,263	-	-		4,954,263
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	-	4,954,263	-	-	-	4,954,263
19	Total Production Plant	-	4,954,263	-	-	-	4,954,263
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	6,633,860	48,800	-			6,682,660
4	362 Station Equipment	14,847,753	45,674	-			14,893,427
5	363 Storage Battery Equipment	-	-	-			-
6	364 Poles Towers and Fixtures	2,231,688	99,304	9,527			2,321,465
7	365 Overhead Conductors and Devices	7,879,988	354,616	44,878			8,189,726
8	366 Underground Conduit	3,721,490	2,622	-			3,724,112
9	367 Underground Conductors and Devices	7,716,351	39,213	793			7,754,771
10	368 Line Transformers	4,455,646	187,299	227,322			4,415,623
11	369 Services	1,097,446	51,715	9,423			1,139,738
12	370 Meters	1,200,240	11,952	4,888			1,207,304
13	371 Installations on Customer's Premises	125,413	5,630	6,278			124,765
14	372 Leased Prop on Customer's Premises	-	-	-			-
15	373 Streetlight and Signal Systems	1,362,989	100,291	22,960			1,440,320
16	Total Distribution Plant	51,481,386	947,116	326,069	-	-	52,102,433
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	216,450	3,996	36,651			183,795
21	392 Transportation Equipment	598,996	453,677	53,550			999,123
22	393 Stores Equipment	15,458	-	-			15,458
23	394 Tools, Shop and Garage Equipment	95,874	15,740	2,213			109,401
24	395 Laboratory Equipment	3,475	-	-			3,475
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	781,110	87,522	7,996			860,636
27	398 Miscellaneous Equipment	89,825	-	-			89,825
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	1,801,688	560,935	100,410	-	-	2,262,213
30	Total Electric Plant in Service	53,283,074	6,462,314	426,479	-	-	59,318,909
31	Total Cost of Electric Plant.....						59,318,909
33	Less Cost of Land, Land Rights, Rights of Way.....						209,022
34	Total Cost upon which Depreciation is based						59,109,887
The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.							

TOTAL COST OF PLANT - GAS

1. Report below the cost of utility plant in service according to prescribed accounts

2. Do not include as adjustments, corrections of additions and retirements for the current or the

preceding year. Such items should be included in column (c) or (d) as appropriate.

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	4. DISTRIBUTION PLANT						
2	365 Land and Land Rights	218,905	-	-			218,905
3	366 Structures and Improvements	3,968,664	-	-			3,968,664
4	367 Mains	19,612,861	1,083,625	18,615			20,677,871
5	369 Measuring & Regulating Equipment	547,203	50,191	-			597,394
6	380 Services	7,197,556	592,742	36,584			7,753,714
7	381 Meters	1,336,817	94,081	64,654			1,366,244
8	382 Meter Installation	1,835,196	272,885	223,614			1,884,467
16	Total Distribution Plant	34,717,202	2,093,524	343,467	-	-	36,467,259
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	59,767	-	12,217			47,550
21	392 Transportation Equipment	226,277	29,554	17,247			238,584
22	393 Stores Equipment	5,918	-	-			5,918
23	394 Tools, Shop and Garage Equipment	315,726	-	49,404			266,322
24	395 Laboratory Equipment	36,550	-	-			36,550
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	137,732	66,266	-			203,998
27	398 Miscellaneous Equipment	50,270	-	-			50,270
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	832,740	95,820	78,868	-	-	849,692
30	Total Cost Gas Plant in Service	35,549,942	2,189,344	422,335	-	-	37,316,951
31	Total Cost of Gas Plant.....						37,316,951
33	Less Cost of Land, Land Rights, Rights of Way.....						219,405
34	Total Cost upon which Depreciation is based						37,097,546

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)	21,405,439	24,366,200	2,960,761
3	101	Utility Plant - Gas (P. 20)	22,578,263	23,305,521	727,258
4					
5		Total Utility Plant	43,983,702	47,671,721	3,688,019
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	341,634	348,808	7,174
13	126	Depreciation Fund (P. 14)	185,142	185,284	142
14	128	Other Special Funds	-	-	-
15		Total Funds	526,776	534,092	7,316
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	(4,070,071)	(4,527,958)	(457,887)
18	132	Special Deposits	1,240,370	1,466,478	226,108
19	135	Working Funds	700	700	-
20	141	Notes Receivable	-	-	-
21	142	Customer Accounts Receivable	4,509,082	4,764,144	255,062
22	143	Other Accounts Receivable	1,205,237	3,499,304	2,294,067
23	146	Receivables from Municipality	-	-	-
24	151	Materials and Supplies (P. 14)	949,326	764,493	(184,833)
25			-	-	-
26	165	Prepayments	3,788,151	3,865,933	77,782
27	174	Miscellaneous Current Assets	-	-	-
28		Total Current and Accrued Assets	7,622,795	9,833,094	2,210,299
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	-	-	-
31	182	Extraordinary Property Losses	-	-	-
32	185	Other Deferred Debits	683,310	732,773	49,463
33		Total Deferred Debits	683,310	732,773	49,463
34					
35		Total Assets and Other Debits	52,816,583	58,771,680	5,955,097

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	341,634	348,808	7,174
5	206	Loans Repayment	-	-	-
6	207	Appropriations for Construction Repayments	-	-	-
7	208	Unappropriated Earned Surplus (P. 12)	20,273,917	18,890,861	(1,383,056)
8		Total Surplus	20,615,551	19,239,669	(1,375,882)
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	-	-	-
11	231	Notes Payable (P. 7)	15,098,730	20,741,227	5,642,497
12		Total Bonds and Notes	15,098,730	20,741,227	5,642,497
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	3,448,057	426,262	(3,021,795)
15	234	Payables to Municipality	-	-	-
16	235	Customers' Deposits	1,247,246	1,466,478	219,232
17	236	Taxes Accrued	-	-	-
18	237	Interest Accrued	-	-	-
19	242	Miscellaneous Current and Accrued Liabilities	773,725	700,399	(73,326)
20		Total Current and Accrued Liabilities	5,469,028	2,593,139	(2,875,889)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	-	-	-
23	252	Customer Advances for Construction	-	-	-
24	253	Other Deferred Credits	8,025,845	12,550,265	4,524,420
25		Total Deferred Credits	8,025,845	12,550,265	4,524,420
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	224,274	264,225	39,951
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	224,274	264,225	39,951
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	3,383,155	3,383,155	-
35		Total Liabilities and Other Credits	52,816,583	58,771,680	5,955,097

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)	41,795,535	(3,097,220)
3	Operating Expenses:		
4	401 Operation Expense (P. 42 and 47)	31,665,813	(3,216,113)
5	402 Maintenance Expense	1,645,454	49,203
6	403 Depreciation Expense	4,066,924	846,498
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	818,437	41,773
10	Total Operating Expenses	38,196,628	(2,278,639)
11	Operating Income	3,598,907	(818,581)
12	414 Other Utility Operating Income (P. 50)	-	-
13			
14	Total Operating Income	3,598,907	(818,581)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	682,107	790,807
17	419 Interest Income	47,394	24,367
18	421 Miscellaneous Nonoperating Income (P. 21)	-	-
19	Total Other Income	729,501	815,174
20	Total Income	4,328,408	(3,407)
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	-	-
23	426 Other Income Deductions	-	-
24	Total Income Deductions	-	-
25	Income Before Interest Charges	4,328,408	(3,407)
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	187,325	21,025
28	428 Amortization of Debt Discount and Expense	-	-
29	429 Amortization of Premium on Debt - Credit	-	-
30	431 Other Interest Expense	261,721	97,645
31	432 Interest: Charged to Construction - Credit	-	-
32	Total Interest Charges	449,046	118,670
33	NET INCOME	3,879,362	(122,077)
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		20,273,917
35			
36			
37	433 Balance Transferred from Income		3,879,362
38	434 Miscellaneous Credits to Surplus (P. 21)		168,134
39	435 Miscellaneous Debits to Surplus (P. 21)	5,182,247	
40	436 Appropriations of Surplus (P. 21)	7,175	
41	437 Surplus Applied to Depreciation	241,130	
42	208 Unappropriated Earned Surplus (at end of period)	18,890,861	
43			
44	TOTALS	24,321,413	24,321,413

Annual Report of Town of Wakefield Municipal Gas & Light Department

Year Ended December 31, 2018

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)	\$ 31,208,769	\$ 3,175,588	\$ 10,586,766	\$ 1,936,019
3	Operating Expenses:				
4	401 Operation Expense (P.42)	24,077,198	1,025,198	7,588,615	728,016
5	402 Maintenance Expense (P. 42)	1,365,169	246,722	280,285	(69,033)
6	403 Depreciation Expense	2,653,703	75,384	1,413,221	78,214
7	407 Amortization of Property Losses				
8					
9	408 Taxes (P. 49)	734,701	87,874	83,736	31,080
10	Total Operating Expenses	28,830,771	1,435,178	9,365,857	768,277
11	Operating Income	2,377,998	1,740,410	1,220,909	1,167,742
12	414 Other Utility Operating Income (P.50)				
13					
14	Total Operating Income	2,377,998	1,740,410	1,220,909	1,167,742
15	OTHER INCOME				
16	415 Inc. from Merch., Jobbing, and Contract Work	645,379	1,233,810	36,728	3,789
17	419 Interest Income	41,628	14,469	5,766	2,119
18	421 Miscellaneous Income				
19	Total Other Income	687,007	1,248,279	42,494	5,908
20	Total Income	3,065,005	2,988,689	1,263,403	1,173,650
21	MISCELLANEOUS INCOME DEDUCTIONS				
22	425 Miscellaneous Amortization				
23	426 Other Income Deductions				
24	Total Income Deductions	-	-	-	-
25	Income before Interest Charges	3,065,005	2,988,689	1,263,403	1,173,650
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	439,158	129,487	9,888	(134)
31	432 Interest Charged to Construction-Credit				
32	Total Interest Charges	439,158	129,487	9,888	(134)
33	Net Income	2,625,847	2,859,202	1,253,515	1,173,784

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operating Fund	(4,527,958)	
2			
3			
4			
5			
6			
7			
8			
9			
10		TOTAL	(4,527,958)
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)	536,080	228,413
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	536,080	228,413
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
22	DEBITS		
23	Balance of account at beginning of year	185,142	
24	Income during year from balance on deposit (interest)	142	
25	Amount transferred from income (depreciation)	3,659,462	
26	Amount transferred in from surplus & other transfers in		
27	TOTAL	3,844,746	
28	CREDITS		
29	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	3,659,462	
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	185,284	
38	TOTAL	3,844,746	

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	-	4,954,263	-			4,954,263
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	-	4,954,263	-	-	-	4,954,263
19	Total Production Plant	-	4,954,263	-	-	-	4,954,263
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	4,842,732	48,800	311,633	-		4,579,899
4	362 Station Equipment	8,174,924	45,674	761,242	-		7,459,356
5	363 Storage Battery Equipment	-	-	-	-		-
6	364 Poles Towers and Fixtures	334,679	99,304	111,584	852		321,547
7	365 Overhead Conductors and Devices	1,443,392	354,616	317,774	4,220		1,476,014
8	366 Underground Conduit	1,364,901	2,622	186,074	-		1,181,449
9	367 Underground Conductors and Devices	933,493	39,213	385,818	-		586,888
10	368 Line Transformers	728,104	187,299	178,226	-		737,177
11	369 Services	76,801	51,715	28,685	651		99,180
12	370 Meters	105,637	11,952	36,007	3,314		78,268
13	371 Installations on Customer's Premises	72,710	5,630	5,017	-		73,323
14	372 Leased Prop on Customer's Premises	-	-	-	-		-
15	373 Streetlight and Signal Systems	988,950	100,291	136,299	8,200		944,742
16	Total Distribution Plant	19,274,845	947,116	2,458,359	17,237	-	17,746,365
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	107,684	3,996	26,431	-		85,249
21	392 Transportation Equipment	331,712	453,677	119,799	-		665,590
22	393 Stores Equipment	9,844	-	773	-		9,071
23	394 Tools, Shop and Garage Equipment	59,615	15,740	4,794	-		70,561
24	395 Laboratory Equipment	75	-	-	-		75
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	735,574	87,522	39,056	-		784,040
27	398 Miscellaneous Equipment	54,977	-	4,491	-		50,486
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	1,299,981	560,935	195,344	-	-	1,665,572
30	Total Electric Plant in Service	20,574,826	6,462,314	2,653,703	17,237	-	24,366,200
31	104 Utility Plant Leased to Others						-
32	105 Property Held for Future Use						-
33	107 Construction Work in Progress	830,613	3,875,074		4,705,687		-
34	Net Utility Plant Electric	21,405,439	10,337,388	2,653,703	4,722,924	-	24,366,200

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	\$ -	-	-	-	\$ -
			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	2,364,727	-	179,120	-		2,185,607
4	367 Mains	12,783,717	1,083,625	717,647	440		13,149,255
5	369 Measuring & Regulating Equipment	474,761	50,191	21,888	-		503,064
6	380 Services	3,764,660	592,742	287,902	19,082		4,050,418
7	381 Meters	572,641	94,081	53,473	29,343		583,906
8	382 Meter Installation	1,883,122	272,885	73,408	-		2,082,599
16	Total Distribution Plant	22,062,533	2,093,524	1,333,438	48,865	-	22,773,754
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	29,888	-	7,218	-		22,670
21	392 Transportation Equipment	133,176	29,554	45,255	-		117,475
22	393 Stores Equipment	3,286	-	296	-		2,990
23	394 Tools, Shop and Garage Equipment	190,839	-	15,786	-		175,053
24	395 Laboratory Equipment	9,730	-	1,828	-		7,902
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	123,499	66,266	6,887	-		182,878
27	398 Miscellaneous Equipment	24,812	-	2,513	-		22,299
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	515,730	95,820	79,783	-	-	531,767
30	Total Gas Plant in Service	22,578,263	2,189,344	1,413,221	48,865	-	23,305,521
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	22,578,263	2,189,344	1,413,221	48,865	-	23,305,521

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	14,280
17		
18	MMWEC Surplus Funds Refund	153,854
19		
20		-
21		-
22		
23	TOTAL	168,134
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25	Payments in Lieu of Taxes - Payments to Town	884,560
26		
27	GASB 68 Reclassification - Pension	4,297,687
28	OPEB Asset Revaluation	
29		
30		
31		
32	TOTAL	5,182,247
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Surplus applied to Sinking Fund	7,175
35		
36		
37		
38		
39		
40	TOTAL	7,175

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	\$ 47,986,200	\$ 716,203	\$ 14.9252	
2						
3						
4		TOTALS	47,986,200	716,203	14.925	
		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	\$ 7,692,330	\$ 1,274,737	\$ 0.1657	
6						
7						
8						
9	444	Public Sales - Highway Lighting				
10			TOTALS	7,692,330	1,274,737	0.1657
11						
12						
13	444	Public Sales - Highway Lighting	637,974	\$ 183,961	\$ 0.2884	
14						
15						
16		TOTALS	637,974	183,961	0.2884	
17		TOTALS	8,330,304	1,458,698	0.1751	

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	-	-	-

ELECTRIC OPERATING REVENUES (Account 400)							
1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.		meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.			4. Unmetered sales should be included below. The details of such sales should be given in a footnote.		
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.					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		
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate							
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	13,901,390	2,037,552	82,321,670	4,363,245	10,841	0
3	442 Commercial and Industrial Sales:						
4	Small or Commercial	2,730,960	260,192	14,901,481	(4,236)	1,541	0
5	Large or Industrial Sales	11,790,236	699,911	73,838,915	(4,718,168)	253	0
6	444 Municipal Sales	1,458,698	72,077	9,545,769	(329,905)	162	0
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	29,881,284	3,069,732	180,607,835	(689,064)	12,797	0
12	447 Sales for Resale	-	-	-	-	-	-
13	Total Sales of Electricity *	29,881,284	3,069,732	180,607,835	(689,064)	12,797	0
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	144,704	(14,678)				
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	1,182,781	120,534				
21							
22							
23							
24							
25	Total Other Operating Revenues	1,327,485	105,856				
26	Total Electric Operating Revenue	31,208,769	3,175,588				

* Inclusive of revenues from applicable fuel clauses \$ 29,881,284

Total kWh to which applied 178,754,396

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	82,321,670	13,901,390	0.1689	10,956	11,014
2	442	Commercial Sales	14,901,481	2,642,613	0.1773	1,532	1,539
3	442-1	Power Sales	73,838,915	11,790,236	0.1597	258	263
4	444	Public Sales - Highway Lighting	637,974	183,961	0.2884	-	-
5	444	Other Sales to Public Authorities	7,692,330	1,274,737	0.1657	165	164
6	451	Private Area Lighting	1,215,465	88,347	0.0727	-	-
7							
8							
9							
10							
11							
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40							
41							
42							
43							
44							
45							
46							
47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 37 Line 11)		180,607,835	29,881,284	0.1654	12,911	12,980

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year
 2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering	-	-
5	501 Fuel	-	-
6	502 Steam Expenses	-	-
7	503 Steam from other sources	-	-
8	504 Steam transferred -- Cr.	-	-
9	505 Electric expenses	-	-
10	506 Miscellaneous steam power expenses	-	-
11	507 Rents	-	-
12	Total Operation	-	-
13	Maintenance:		
14	510 Maintenance supervision and engineering	-	-
15	511 Maintenance of Structures	-	-
16	512 Maintenance of boiler plant	-	-
17	513 Maintenance of electric plant	-	-
18	514 Maintenance of miscellaneous steam plant	-	-
19	Total Maintenance	-	-
20	Total power production expenses -steam power	-	-
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	-	-
24	518 Fuel	-	-
25	519 Coolants and water	-	-
26	520 Steam Expenses	-	-
27	521 Steam from other sources	-	-
28	522 Steam transferred -- Cr.	-	-
29	523 Electric expenses	-	-
30	524 Miscellaneous nuclear power expenses	-	-
31	525 Rents	-	-
32	Total Operation	-	-
33	Maintenance:		
34	528 Maintenance supervision and engineering	-	-
35	529 Maintenance of Structures	-	-
36	530 Maintenance of reactor plant	-	-
37	531 Maintenance of electric plant	-	-
38	532 Maintenance of miscellaneous nuclear plant	-	-
39	Total Maintenance	-	-
40	Total power production expenses -nuclear power	-	-
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering	-	-
44	536 Water for power	-	-
45	537 Hydraulic expenses	-	-
46	538 Electric expenses	-	-
47	539 Miscellaneous hydraulic power generation expenses	-	-
48	540 Rents	-	-
49	Total Operation	-	-

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	-	-
4	542 Maintenance of structures	-	-
5	543 Maintenance of reservoirs, dams and waterways	-	-
6	544 Maintenance of electric plant	-	-
7	545 Maintenance of miscellaneous hydraulic plant	-	-
8	Total maintenance	-	-
9	Total power production expenses - hydraulic power	-	-
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	-	-
13	547 Fuel	-	-
14	548 Generation Expenses	-	-
15	549 Miscellaneous other power generation expense	-	-
16	550 Rents	-	-
17	Total Operation	-	-
18	Maintenance:		
19	551 Maintenance supervision and engineering	-	-
20	552 Maintenance of Structures	-	-
21	553 Maintenance of generating and electric plant	-	-
22	554 Maintenance of miscellaneous other power generation plant	-	-
23	Total Maintenance	-	-
24	Total power production expenses - other power	-	-
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	18,926,233	791,686
27	556 System control and load dispatching	-	-
28	557 Other expenses	-	-
29	Total other power supply expenses	18,926,233	791,686
30	Total power production expenses	18,926,233	791,686
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)	708,791	(64,211)
5	582 Station expenses	854,594	368,232
6	583 Overhead line expenses	93,560	80,176
7	584 Underground line expenses	34,944	25,970
8	585 Street lighting and signal system expenses	22,930	(8,646)
9	586 Meter expenses	9,753	(9,847)
10	587 Customer installations expenses	24,874	12,599
11	588 Miscellaneous distribution expenses	68,013	3,218
12	589 Rents	-	-
13	Total operation	1,817,459	407,491
14	Maintenance:		
15	590 Maintenance supervision and engineering	-	-
16	591 Maintenance of structures	205,369	37,752
17	592 Maintenance of station equipment	14,960	4,224
18	593 Maintenance of overhead lines	989,498	230,909
19	594 Maintenance of underground lines	37,120	23,288
20	595 Maintenance of line transformers	26,074	(20,537)
21	596 Maintenance of street lighting and signal systems	-	-
22	597 Maintenance of meters	-	-
23	598 Maintenance of miscellaneous distribution plant	-	-
24	Total maintenance	1,273,021	275,636
25	Total distribution expenses	3,090,480	683,127
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	28,845	(45,933)
30	903 Customer records and collection expenses	565,298	(26,963)
31	904 Uncollectible accounts	9,729	(12,651)
32	905 Miscellaneous customer accounts expenses	-	-
33	Total customer accounts expenses	603,872	(85,547)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	-	-
37	912 Demonstrating and selling expenses	-	-
38	913 Advertising expenses	74,639	(15,404)
39	916 Miscellaneous sales expenses	-	-
40	Total sales expenses	74,639	(15,404)
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	549,514	718
44	921 Office supplies and expenses	233,073	11,784
45	922 Administrative expenses transferred - Cr	-	-
46	923 Outside services employed	177,830	(12,247)
47	924 Property insurance	48,898	5,919
48	925 Injuries and damages	92,077	876
49	926 Employee pensions and benefits	1,468,211	42,328
50	928 Regulatory commission expenses	-	-
51	929 Store Expense	-	-
52	930 Miscellaneous general expenses	85,392	(122,406)
53	931 Rents	-	-
54	Total operation	2,654,995	(73,028)

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	92,148	(28,914)	
4	Total administrative and general expenses	2,747,143	(101,942)	
5	Total Electric Operation and Maintenance Expenses	25,442,367	1,271,920	
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	18,926,233	-	18,926,233
13	Total power production expenses	18,926,233		18,926,233
14	Transmission Expenses	-	-	-
15	Distribution Expenses	1,817,459	1,273,021	3,090,480
16	Customer Accounts Expenses	603,872	-	603,872
17	Sales Expenses	74,639	-	74,639
18	Administrative and General Expenses	2,654,995	92,148	2,747,143
19	Total Electric Operation and			
20	Maintenance Expenses	24,077,198	1,365,169	25,442,367
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)				90.03%
22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.				3,108,447
23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)				25.23 FTE's

GAS OPERATING REVENUES (Account 480)							
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.		meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.			4. Unmetered sales should be included below. The details of such sales should be given in a footnote.		
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.					5. Classification on Commercial and Industrial Sales, Large (or Industrial) may be according to the basis of classification regularly used by the respondent.		
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate							
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	7,444,789	1,306,257	457,354.4	54,942	6,325	125
3	481 Commercial and Industrial Sales:						
4	Small or Commercial	2,286,315	362,834	146,718.6	14,461	638	(3)
5	Large or Industrial Sales	-	-	-	-	-	-
6	482 Municipal Sales (P. 22)	716,203	231,096	47,986.2	14,764	45	1
7	483 Other Sales	-	-	-	-	-	-
8	485 Miscellaneous Gas Sales	-	-	-	-	-	-
9	Total Sales to Ultimate Consumers	10,447,307	1,900,187	652,059.2	84,167.7	7,008	123
10	483 Sales for Resale	-	-	-	-	-	-
11	Total Sales of Gas*	10,447,307	1,900,187	652,059.2	84,167.7	7,008	123
12	OTHER OPERATING REVENUES						
13	487 Forfeited Discounts	37,482	2,450				
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	101,977	33,382				
21	Total Other Operating Revenues	139,459	35,832				
22	Total Gas Operating Revenue	10,586,766	1,936,019				
23							
24							

* Inclusive of revenues from applicable fuel clauses \$ 10,447,307

Total MCF to which applied 652,059.2

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	28,162.7	564,812	20.0553	1,440	1,443
2	480	Gas Heating Sales	558,982.6	8,880,149	15.8863	5,387	5,472
3	481	Commercial & Industrial	16,927.7	286,143	16.9038	110	108
4	482	Sales to Public Authorities	47,986.2	716,203	14.9252	45	45
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47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 43 Line 9)		652,059.2	10,447,307	16.0220	6,982	7,068

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	5,769,776	668,637
5	Maintenance:	-	-
6	Total other gas supply expenses	-	-
7	Total production expenses	5,769,776	668,637
8	Total Operation	5,769,776	668,637
9	TRANSMISSION AND DISTRIBUTION EXPENSES		
10	Operation:		
11	850 Operation supervision and engineering	122,052	(24,245)
10	851 System control and load dispatching	-	-
11	852 Communication system expenses	-	-
12	853 Compressor station labor and expenses	309,698	120,381
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	48,457	23,172
17	878 Meter and house regulator expenses	437	(230)
18	879 Customer installations expenses	142,836	963
19	880 Other expenses	69,088	27,250
20	881 Rents	-	-
21	Total Operation	692,568	147,291
22	Maintenance:		
23	885 Maintenance supervision and engineering	-	-
24	886 Maintenance of structures and improvements	-	-
25	887 Maintenance of mains	210,545	(24,895)
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	18,487	3,102
30	894 Maintenance of other equipment	31,306	(20,315)
31	Total Maintenance	260,338	(42,108)
32	Total Transmission and Distribution	952,906	105,183
33	CUSTOMER ACCOUNTS EXPENSES		
34	Operation:		
35	901 Supervision	-	-
36	902 Meter reading expenses	9,357	(15,569)
37	903 Customer records and collection expenses	190,784	(9,157)
38	904 Uncollectable accounts	4,708	(2,675)
39	905 Miscellaneous customer accounts expenses	-	-
40	Total Customer Accounts Expense	204,849	(27,401)
41	SALES EXPENSES		
42	Operation:		
43	911 Supervision	-	-
44	912 Demonstrating and selling expenses	-	-
45	913 Advertising expenses	11,964	(10,702)
46	916 Miscellaneous sales expenses	-	-
47	Total Sales Expenses	11,964	(10,702)

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	204,829	30,552
4	921 Office supplies and expenses	86,417	10,987
5	922 Administrative expenses transferred -Cr.	-	-
6	923 Outside services employed	83,569	(30,869)
7	924 Property insurance	16,299	5,787
8	925 Injuries and damages	28,252	2,493
9	926 Employees pensions and benefits	388,228	(53,152)
10	928 Regulatory commission expenses	-	-
11	929 Duplicate charges-Cr.	-	-
12	930 Miscellaneous general expenses	101,864	(15,607)
13	931 Rents	-	-
14	Total Operation	909,458	(49,809)
15	Maintenance:		
16	932 Maintenance of general plant	19,947	(26,925)
17	Total Maintenance	19,947	(26,925)
18	Total Administrative and General Expenses	929,405	(76,734)
19	Total Gas Operation and Maintenance Expense	7,868,900	658,983

SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
20	Other gas supply expenses	5,769,776	-	5,769,776
21	Total Production expenses	5,769,776	-	5,769,776
22	Local storage expenses	-	-	-
23	Transmission and distribution expenses	692,568	260,338	952,906
24	Customer accounts expenses	204,849	-	204,849
25	Sales expenses	11,964	-	11,964
26	Administrative and general expenses	909,458	19,947	929,405
27	Total gas operation and maintenance	7,588,615	280,285	7,868,900
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)			87.68%
29	Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts.			1,553,938
30	Total number of employees of gas department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			14.77 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,	656,089	\$ 7.7139	\$ 5,061,025
14		Greenwood, Meter house on Salem			
15	National Grid	Street near Wakefield/Lynnfield	2,813	\$ 12.7906	\$ 35,980
16		town line, Meter house on Broadway			
17		All 4 locations above are metered			
18					
19					
20	TOTALS		658,902	7.7356	5,097,005

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	\$ 818,437	\$ 734,701	\$ 83,736					
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33	TOTALS	\$ 818,437	\$ 734,701	\$ 83,736					

OTHER UTILITY OPERATING INCOME (Account 414)					
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1	NONE				
2					
3					
4					
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45					
46	TOTALS	\$ -	\$ -	\$ -	\$ -

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415) Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work	947,247	63,700		1,010,947
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	947,247	63,700	-	1,010,947
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	301,868	26,972		328,840
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					
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36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47	TOTAL COSTS AND EXPENSES	301,868	26,972	-	328,840
48	Net Profit (or loss)	645,379	36,728	-	682,107

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								
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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
								7
								8
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								38
								39
								40
								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	Transmission Charges							
2	Hydro Quebec	O	X	TOWN LINE				
3	New York Power Authority	FP	X	TOWN LINE		1,471		
4	Stonybrook Peaking	O		TOWN LINE		10,842		
5	Stonybrook Intermediate	O		TOWN LINE		13,696		
6	Nuclear Mix 1 (Seabrook)	O	X	TOWN LINE		70		
7	Nuclear Mix 1 (Millstone)	O	X	TOWN LINE		710		
8	Nuclear Project 3 (Millstone)	O	X	TOWN LINE		1,645		
9	Nuclear Project 4 (Seabrook)	O	X	TOWN LINE		1,789		
10	Nuclear Project 5 (Seabrook)	O	X	TOWN LINE		249		
11	W.F. Wyman	O	X	TOWN LINE		2,724		
12	Project 6 (Seabrook)	O	X	TOWN LINE		2,340		
13	ISO OATT			TOWN LINE				
14	System Power	DP						
15	Berkshire Wind Power Cooper	O		TOWN LINE				
16	Eagle Creek	O		TOWN LINE		1,000		
17	Hancock Wind	O	X	TOWN LINE	RS	2,378		
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
41	** Includes transmission and administrative charges							
42								

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

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

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

should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 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				11,833	11,833	N/A	1
60 MINUTES	115,000 V	9,949,845	73,149	51,920	175,819	300,888	\$0.0302	2
60 MINUTES	115,000 V	422,092	204,591	82,103	9,542	296,236	\$0.7018	3
60 MINUTES	115,000 V	4,132,124	535,346	330,306	13,455	879,107	\$0.2127	4
60 MINUTES	115,000 V	638,435	16,438	3,704	40	20,182	\$0.0316	5
60 MINUTES	115,000 V	6,707,940	216,892	42,785	4,545	264,222	\$0.0394	6
60 MINUTES	115,000 V	15,353,591	503,215	97,930	10,375	611,520	\$0.0398	7
60 MINUTES	115,000 V	15,650,473	420,710	90,810	992	512,512	\$0.0327	8
60 MINUTES	115,000 V	2,177,227	59,690	12,633	138	72,461	\$0.0333	9
60 MINUTES	115,000 V	582,371	71,133	57,639	2,236	131,008	\$0.2250	10
60 MINUTES	115,000 V	20,473,979	700,404	118,798	1,297	820,499	\$0.0401	11
60 MINUTES	115,000 V				3,309,434	3,309,434	N/A	12
		84,038,350	-	4,192,864	-	4,192,864	\$0.0499	13
60 MINUTES	115,000 V	4,120,572	664,493	-	-	664,493	\$0.1613	14
60 MINUTES	115,000 V	3,864,064	-	189,532	277	189,809	\$0.0491	15
60 MINUTES	115,000 V	6,567,782	(1,654)	314,518	123	312,987	\$0.0477	16
								17
								18
								19
								20
								21
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								32
								33
								34
								35
								41
	TOTALS:	174,678,845	\$ 3,464,407	\$ 5,585,542	\$ 3,540,106	\$ 12,590,055		42

INTERCHANGE POWER (Included in Account 555)

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

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

3. Particulars of settlements for interchange power

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

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

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

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (a)	Delivered (f)	Net Difference (g)	
1	NEPEX				196,461,290	184,254,110	12,207,180	5,928,291
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	TOTALS				196,461,290	184,254,110	12,207,180	5,928,291

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	5,631,063
14		NEPOOL EXPENSE	297,228
15			
16			
17			
18			
19			
20			
21	TOTAL		5,928,291

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	174,678,845
9	(In (gross)	196,461,290
10	Interchanges < Out (gross)	184,254,110
11	(Net (Kwh)	12,207,180
12	(Received	-
13	Transmission for/by others (wheeling) < Delivered	-
14	(Net (Kwh)	-
15	TOTAL	186,886,025
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	180,607,835
18	Sales for resale	-
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	
21	Electric department only	1,471,340
22	Energy losses	
23	Transmission and conversion losses	-
24	Distribution losses	4,806,850
25	Unaccounted for losses	-
26	Total energy losses	4,806,850
27	Energy losses as percent of total on line 15 2.57%	
28	TOTAL	186,886,025

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	34,692	Tuesday	2	6:00 PM	60 min	17,861,409
30	February	29,316	Wednesday	7	6:00 PM	60 min	14,131,872
31	March	26,712	Wednesday	7	6:00 PM	60 min	15,387,124
32	April	24,091	Monday	2	11:00 AM	60 min	13,373,743
33	May	28,039	Thursday	31	6:00 PM	60 min	13,739,220
34	June	35,145	Monday	18	7:00 PM	60 min	14,733,818
35	July	43,210	Tuesday	3	4:00 PM	60 min	19,405,227
36	August	43,982	Wednesday	29	1:00 PM	60 min	19,614,660
37	September	40,807	Sunday	9	2:00 PM	60 min	14,843,865
38	October	26,527	Wednesday	10	2:00 PM	60 min	13,527,474
39	November	27,350	Thursday	22	12:00 PM	60 min	14,393,709
40	December	28,308	Wednesday	19	6:00 PM	60 min	15,873,904
41						TOTAL	186,886,025

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					
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Page 64

Pages 64-65

Line No.	Name of Station (a)	Location of Station (b)	Diesel Other type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	NONE						
2							
3							
4							
5							
6							
7							
8							
9							
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11							
12							
13							
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16							
17							
18							
19							
20							
21							
22							

GENERATING STATIONS

Page 65

COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(Except Nuclear)

Pages 64-65

PRIME MOVERS CONTINUED		Generators							
Rated hp. of Unit (h)	Total Rated hp. of Station Prime movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or dc. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station	Total Installed Generating Capacity in Kilowatts (name plate rating) (p)	Line No.
									1
									2
									3
									4
									5
									6
									7
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									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					
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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		NONE						
4								
5								
6								
7								
8								
9								
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42								
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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		10,000	2	-			
2	Wakefield Avenue, Wakefield	Unattended									
3											
4											
5	Matthew J Burns	Distribution	13,800	4,169		12,500	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					252,500	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	1.6		1.6
3	Retired During Year	1.6		1.6
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:	7,824	12,898	1,297	106,223
17	Additions during year				
18	Purchased	-			
19	Installed	120	102	39	4,888
20	Associated with utility plant acquired				
21	Total Additions	120	102	39	4,888
22	Reductions during year:				
23	Retirements & other reductions	18	20	38	4,225
24	Associated with utility plant sold				
25	Total Reductions	18	20	38	4,225
26	Number at end of year	7,926	12,980	1,298	106,886
27	In stock		161	105	14,663
28	Locked meters on customers' premises				
29	Inactive transformers on system			-	-
30	In customers' use		12,980	1,298	106,886
31	In company's use		6	8	814
32	Number at end of year		13,147	1,411	122,363

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	44.31	13.0 miles 3 conductor	13,800	NONE	
2						
3						
4						
5			6.67 miles of single conductor	13,800		
6						
7						
8			4.62 miles of 3 conductor	4,160		
9						
10						
11			0.15 miles single conductor	4,160		
12						
13						
14			.37 miles of 3 conductor	230		
15						
16						
17			6.74 miles of 2 conductor	230		
18						
19						
20			7.0 miles of single conductor	230		
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43	TOTALS	44.3	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	3,127	2,573	47	-	35	66	89	49	268
2										
3										
4										
5										
6										
7										
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40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	3,127	2,573	47	-	35	66	89	49	268

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	656,087	125,420	80,822	92,389	59,581	20,014
12							
13							
14	TOTAL MADE &	656,087	125,420	80,822	92,389	59,581	20,014
15	PURCHASED						
16							
17	Net Change in						
18	Holder Gas						
19	TOTAL SENDOUT	656,087	125,420	80,822	92,389	59,581	20,014
20							
21							
22	Gas Sold	632,060	137,055	100,448	80,217	54,814	29,618
23	Gas Used by Company	1,460	314	219	252	178	30
24	Gas Accounted for	633,520	137,369	100,667	80,469	54,992	29,648
25	Gas Unaccounted for	22,567	(11,949)	(19,845)	11,920	4,589	(9,634)
26	% Unaccounted						
27	for (0.00%)	3.44%	(9.53%)	(24.55%)	12.90%	7.70%	(48.14%)
28							
29							
30	Sendout in 24 Hours						
31	in MCF						
32	Maximum MCF	6,875	6,875	5,152	4,295	3,275	1,178
33	Maximum Date	1/6/18	1/6/18	2/2/18	3/18/18	4/15/18	5/12/18
34	Minimum MCF	387	1,174	1,050	1,719	760	492
35	Minimum Date	7/4/18	1/12/18	2/21/18	3/29/18	4/28/18	5/25/18
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	15,938	13,718	13,776	15,195	40,187	78,878	100,169
12							
13							
14	15,938	13,718	13,776	15,195	40,187	78,878	100,169
15							
16							
17							
18							
19	15,938	13,718	13,776	15,195	40,187	78,878	100,169
20							
21							
22	17,031	13,725	12,085	12,795	28,753	68,766	76,753
23	12	9	8	14	51	149	224
24	17,043	13,734	12,093	12,809	28,804	68,915	76,977
25	(1,105)	(16)	1,683	2,386	11,383	9,963	23,192
26							
27	(6.93%)	(0.12%)	12.22%	15.70%	28.33%	12.63%	23.15%
28							
29							
30							
31							
32	882	559	647	756	2,560	5,421	4,551
33	6/4/18	7/31/18	8/29/18	9/24/18	10/30/18	11/22/18	12/8/18
34	449	387	398	392	483	657	1,251
35	6/30/18	7/4/18	8/10/18	9/2/18	10/9/18	11/2/18	12/21/18
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"	3,851	-	-	-	3,851
5	4"	3,298	-	-	4	3,294
6	6"	140	-	-	-	140
7	10"	-	-	-	-	-
8						
9	Sub Total	7,289	-	-	4	7,285
10						
11	DISTRIBUTION - STEEL PIPE					
12						
13	1"	-	-	-	-	-
14	1¼"	60	-	-	-	60
15	1½"	75	-	-	-	75
16	2"	9,080	-	-	609	8,471
17	3"	29,574	-	-	1,565	28,009
18	4"	95,477	-	-	9,069	86,408
19	6"	12,572	-	-	1,319	11,253
20	8"	100	-	-	-	100
21	10"	4,165	-	-	47	4,118
22						
23	Sub Total	151,103	-	-	12,609	138,494
24						
25	DISTRIBUTION - PLASTIC PIPE					
26						
27	1"	90	-	-	-	90
28	1¼"	425	-	-	-	425
29	2"	19,987	235	-	-	20,222
30	3"	4,423	15	-	-	4,438
31	4"	95,315	6,221	-	-	101,536
32	6"	101,684	13,536	-	-	115,220
33	8"	65,448	8,981	-	-	74,429
34	12"	2,816	-	-	-	2,816
35						
36	Sub Total	290,188	28,988	-	-	319,176
37						
38	DISTRIBUTION - STEEL MAINS WELDED					
39						
40	4"	1,840	-	290	-	1,550
41	10"	2,384	-	310	-	2,074
42						
43	Sub Total	4,224	-	600	-	3,624
44						
45	Grand Totals	452,804	28,988	600	12,613	468,579
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:	5,010	-	7,046
3	Additions during year			
4	Purchased	-	-	377
5	Installed	225	-	162
6	Associated with utility plant acquired	-	-	
7	Total Additions	225	-	539
8				
9	Reductions during year:			
10	Retirements	202	-	517
11	Associated with utility plant sold	-	-	
12	Total Reductions	202	-	517
13	Number at end of year	5,033	-	7,068
14				
15	In stock			910
16	On Customers' Premises - Inactive			-
17	On Customers' Premises - Active			7,068
18	In Company Use			5
19	Number at end of year			7,983
20				
21	Number of Meters Tested by State Inspectors			
22	During Year			1,277
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 73	NO CHANGES → SEE ATTACHED		
August 1, 2009	MDPU 74	NO CHANGES → SEE ATTACHED		
August 1, 2009	MDPU 75	NO CHANGES → SEE ATTACHED		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



Peter D. Dion

General Manager

Manager of Electric Light



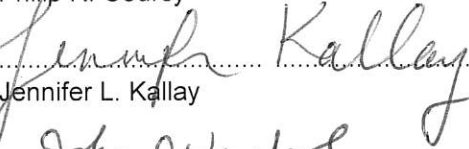
Thomas H. Boettcher



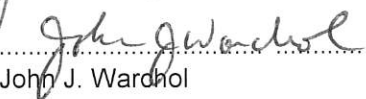
Kenneth J. Chase, Jr.



Philip R. Courcy



Jennifer L. Kallay



John J. Wardhol

Selectmen
or
Members
of the
Municipal
Light
Board

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

SS

20

Then personally appeared

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

Notary Public or
Justice of the Peace

MDPU No. 47
Cancels MDTE No. 44
Effective January 1, 2003

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
Cancels MDTE No. 45
Effective January 1, 2003**

**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

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. 50
Cancels MDTE No. 46
Effective January 1, 2003**

**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

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:

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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
Cancels MDTE No. 46
Effective January 1, 2003**

**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

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:

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9 Albion Street

Wakefield, Massachusetts 01880

**MDPU No. 73
Cancels MDTE No. 68
Effective May 1, 2002**

**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Domestic Electric Rate A**

Availability

Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment, including electric space heating, where the space heating equipment has been approved by our Department.

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	\$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 calculation.

Discount

A discount of 10% will be applied to all bills paid on or before the 15th day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Energy 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:

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9 Albion Street

Wakefield, Massachusetts 01880

**MDPU No. 74
Cancels MDTE No. 69
Effective May 1, 2002**

**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Domestic Electric Rate A**

Availability

For use in stores, factories, other places of business and to others to whom the Domestic 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 calculation.

Discount

A discount of 10% will be applied to all bills paid on or before the 15th day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Energy 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

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9 Albion Street

Wakefield, Massachusetts 01880

**MDPU No. 75
Cancels MDTE No. 70
Effective May 1, 2002**

**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT
Domestic Electric Rate A**

Availability

For use in all factories, stores and places of business when monthly usage is 5,000 kilowatt-hours and above. Also available for network services including lighting. Special service, such as welding, x-ray, heating and air conditioning is available 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.

Minimum Bill

The Customer Charge

Discount

A discount of 10% exclusive of energy charge and fuel adjustment charge paid on or before the discount expiration date.

MDPU No. 75
Cancels MDTE No. 70
Effective May 1, 2002

Purchased Power and Fuel Adjustment

The amount determined under the preceding Cost of Service shall be adjusted in accordance with the Department's Purchased Power and Fuel Adjustment Charge calculation as provided in M.D.T.E. No. 72.

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.

Term of Contract

Subject to termination at any time upon notice.

Terms and Conditions

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