



**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,**

**2017**

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

## TABLE OF CONTENTS

	Page
General Information	3
Schedule of Estimates	4
Customers in each City or Town	4
Appropriations Since Beginning of Year	5
Changes in the Property	5
Bonds	6
Town Notes	7
Cost of Plant	8-9
Comparative Balance Sheet	10-11
Income Statement	12
Earned Surplus	12
Cash Balances	14
Materials and Supplies	14
Depreciation Fund Account	14
Utility Plant-Electric	15-17
Production Fuel and Oil Stocks	18
Miscellaneous Nonoperating Income	21
Other Income Deductions	21
Miscellaneous Credits to Surplus	21
Miscellaneous Debits to Surplus	21
Appropriations of Surplus	21
Municipal Revenues	22
Purchased Power	22
Sales for Resale	22
Electric Operating Revenues	37
Sales of Electricity to Ultimate Consumers	38
Electric Operation and Maintenance Expenses	39-42
Taxes Charged During Year	49
Other Utility Operating Income	50
Income from Merchandising, Jobbing and Contract Work	51
Sales for Resale	52-53
Purchased Power (except Interchange)	54-55
Interchange Power	56
Electric Energy Account	57
Monthly Peaks and Output	57
Generating Station Statistics	58-59
Steam Generating Stations	60-61
Hydroelectric Generating Stations	62-63
Combustion Engine and Other Generating Stations	64-65
Generating Statistics (Small Stations)	66
Transmission Line Statistics	67
Substations	68
Overhead Distribution Lines Operated	69
Electric Distribution Services, Meters, and Line Transformers	69
Conduit, Underground Cable and Submarine Cable	70
Streetlamps	71
Rate Schedule Information	79
Signature Page	81

FOR GAS PLANTS ONLY:	Page		Page
Utility Plant - Gas	19-20	Gas Generating Plant	74
Gas Operating Revenues	43	Boilers	75
Sales of Gas to Ultimate Customers	44	Scrubbers, Condensers & Exhausters	75
Gas Operation & Maintenance Expenses	45-47	Purifiers	76
Purchased Gas	48	Holders	76
Sales for Resale	48	Transmission and Distribution Mains	77
Sales of Residuals	48	Gas Distribution Services, House	
Record of Sendout for the Year in MCF	72-73	Governors and Meters	78

PAGES INTENTIONALLY OMITTED : 23 TO 36, 74 TO 76, 80

**GENERAL INFORMATION**

- |     |  |  |
|-----|--|--|
| 1.  | Name of town (or city) making report.  | Wakefield                                      |
| 2.  | If the town (or city) has acquired a plant,<br>Kind of plant, whether gas or electric.<br>Owner from whom purchased, if so acquired.<br>Date of votes to acquire a plant in accordance with the provisions of<br>chapter 164 of the General Laws.<br>Record of votes: First vote: Yes, ; No,    Second vote: Yes, ; No,<br>Date when town (or city) began to sell gas and electricity,   | Gas & Electric<br><br><br><br><br><br><br>1894 |
| 3.  | Name and address of manager of municipal lighting:<br><br>Peter D. Dion                          480 North Avenue                          Wakefield MA 01880  |  |
| 4.  | Name and address of mayor or selectmen:<br><br>Ann Santos                          One Lafayette Street                          Wakefield MA 01880<br>Brian E Falvey                          One Lafayette Street                          Wakefield MA 01880<br>Edward F. Domdroski Jr.                          One Lafayette Street                          Wakefield MA 01880<br>Paul R. Dinocco                          One Lafayette Street                          Wakefield MA 01880<br>Anthony J. Longo                          One Lafayette Street                          Wakefield MA 01880<br>Peter J May                          One Lafayette Street                          Wakefield MA 01880<br>Mehreen Butt                          One Lafayette Street                          Wakefield MA 01880 |  |
| 5.  | Name and address of town (or city) treasurer:<br><br>John J. McCarthy Jr.                          Five Common Street                          Wakefield MA 01880  |  |
| 6.  | Name and address of town (or city) clerk:<br><br>Betsy Sheeran                          One Lafayette Street                          Wakefield MA 01880   |  |
| 7.  | Names and addresses of members of municipal light board:<br><br>Kenneth J. Chase Jr., Chair                          480 North Avenue                          Wakefield MA 01880<br>William J. Boodry, Jr., Secretary                          480 North Avenue                          Wakefield MA 01880<br>Kevin T. Haggerty                          480 North Avenue                          Wakefield MA 01880<br>Rafael N. McDonald                          480 North Avenue                          Wakefield MA 01880<br>John J. Warchol                          480 North Avenue                          Wakefield MA 01880   |  |
| 8.  | Total valuation of estates in town (or city) according to last State valuation<br>(taxable)  | \$      507,859,556                            |
| 9.  | Tax rate for all purposes during the year:<br><br>Residential      13.03    Residential      12.95<br>Commercial      25.95    Commercial      25.61   |  |
| 10. | Amount of manager's salary:  | \$172,620                                      |
| 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
<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	From sales of gas	8,862,000
2	From sales of electricity	27,225,000
3		<b>TOTAL</b>
4		36,087,000
<b>EXPENSES</b>		
6	For operation, maintenance and repairs	31,880,000
7	For interest on bonds, notes or scrip	161,200
8	For depreciation fund ( 5% 53,074,052 (excludes land as per page 9)	2,653,703
9	For sinking fund requirements	-
10	For note payments	385,800
11	For bond payments	-
12	For loss in preceding year	-
13		<b>TOTAL</b>
14		35,080,703
<b>COST:</b>		
16	Of gas to be used for municipal buildings	485,000
17	Of gas to be used for street lights	-
18	Of electricity to be used for municipal buildings	1,182,000
19	Of electricity to be used for street lights	188,200
20	Total of above items to be included in the tax levy	<b>TOTAL</b>
21		1,855,200
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	1,855,200

**CUSTOMERS**

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters December 31.	City or Town	Number of Customers' Meters, December 31.
Wakefield	6,986	Wakefield	12,898
<b>TOTAL</b>	6,986	<b>TOTAL</b>	12,898

**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 <u>0</u>

**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	1,800,000
3.		
		TOTAL <u>1,988,200</u>

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

**CHANGES IN THE PROPERTY**

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

**In Electric property:**

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.

Beginning in calendar 2016, WMGLD began removing existing conventional streetlighting equipment and replacing same with 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 are expected benefits of the AMI project.

Beginning in calendar 2017, WMGLD has contracted for the installation of ~ 5Mw of natural gas fired electricity generation 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					-







<p><b>TOTAL COST OF PLANT - ELECTRIC</b></p> <p>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).</p>							
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	-	-	-	-	-	-



<b>TOTAL COST OF PLANT - ELECTRIC (Concluded)</b>							
<b>Line No.</b>	<b>Account (a)</b>	<b>Balance Beginning of Year (b)</b>	<b>Additions (c)</b>	<b>Retirements (d)</b>	<b>Adjustments (e)</b>	<b>Transfers (f)</b>	<b>Balance End of Year (g)</b>
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	208,522	-				208,522
3	361 Structures and Improvements	6,627,126	6,734	-			6,633,860
4	362 Station Equipment	14,569,210	278,543	-			14,847,753
5	363 Storage Battery Equipment	-	-	-			-
6	364 Poles Towers and Fixtures	2,213,919	49,028	31,259			2,231,688
7	365 Overhead Conductors and Devices	7,691,788	209,437	21,237			7,879,988
8	366 Underground Conduit	3,713,222	8,268	-			3,721,490
9	367 Underground Conductors and Devices	7,616,362	109,790	9,801			7,716,351
10	368 Line Transformers	4,312,952	156,971	14,277			4,455,646
11	369 Services	1,087,744	37,163	27,461			1,097,446
12	370 Meters	1,113,026	101,412	14,198			1,200,240
13	371 Installations on Customer's Premises	116,287	15,127	6,001			125,413
14	372 Leased Prop on Customer's Premises	-	-	-			-
15	373 Streetlight and Signal Systems	1,167,228	584,961	389,200			1,362,989
16	Total Distribution Plant	50,437,386	1,557,434	513,434	-	-	51,481,386
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	247,718	17,701	48,969			216,450
21	392 Transportation Equipment	592,708	28,346	22,058			598,996
22	393 Stores Equipment	18,012	-	2,554			15,458
23	394 Tools, Shop and Garage Equipment	101,195	-	5,321			95,874
24	395 Laboratory Equipment	3,475	-	-			3,475
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	281,024	502,249	2,163			781,110
27	398 Miscellaneous Equipment	93,387	-	3,562			89,825
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	1,338,019	548,296	84,627	-	-	1,801,688
30	Total Electric Plant in Service	51,775,405	2,105,730	598,061	-	-	53,283,074
31							Total Cost of Electric Plant.....
33							53,283,074
34							Less Cost of Land, Land Rights, Rights of Way.....
							209,022
							Total Cost upon which Depreciation is based .....
							53,074,052
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.							

<p><b>TOTAL COST OF PLANT - GAS</b></p> <p>1. Report below the cost of utility plant in service according to prescribed accounts</p> <p>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.</p> <p>3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.</p> <p>4. Reclassifications or transfers within utility plant accounts should be shown in column (f).</p>							
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	3,966,419	2,245	-			3,968,664
4	367 Mains	18,413,939	1,401,702	202,780			19,612,861
5	369 Measuring & Regulating Equipment	374,159	173,044	-			547,203
6	380 Services	6,761,757	456,590	20,791			7,197,556
7	381 Meters	1,348,823	53,743	65,749			1,336,817
8	382 Meter Installation	1,706,349	302,998	174,151			1,835,196
16	Total Distribution Plant	32,790,351	2,390,322	334,225	-	-	34,717,202
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	76,128	3,542	19,903			59,767
21	392 Transportation Equipment	247,340	24,195	45,258			226,277
22	393 Stores Equipment	7,925	-	2,007			5,918
23	394 Tools, Shop and Garage Equipment	316,738	-	1,012			315,726
24	395 Laboratory Equipment	36,550	-	-			36,550
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	67,685	70,622	575			137,732
27	398 Miscellaneous Equipment	51,370	-	1,100			50,270
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	804,236	98,359	69,855	-	-	832,740
30	Total Cost Gas Plant in Service	33,594,587	2,488,681	404,080	-	-	35,549,942
31							Total Cost of Gas Plant..... 35,549,942
33							Less Cost of Land, Land Rights, Rights of Way..... 219,405
34							Total Cost upon which Depreciation is based ..... 35,330,537

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 &amp; Light Department

<b>COMPARATIVE BALANCE SHEET Assets and Other Debits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	21,218,617	21,405,439	186,822
3	101	Utility Plant - Gas (P. 20)	21,493,945	22,578,263	1,084,318
4					
5		Total Utility Plant	42,712,562	43,983,702	1,271,140
6					
7					
8					
9					
10					
11		<b>FUND ACCOUNTS</b>			
12	125	Sinking Funds	337,574	341,634	4,060
13	126	Depreciation Fund (P. 14)	185,002	185,142	140
14	128	Other Special Funds	-	-	-
15		Total Funds	522,576	526,776	4,200
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	(2,242,642)	(4,070,071)	(1,827,429)
18	132	Special Deposits	1,223,088	1,240,370	17,282
19	135	Working Funds	700	700	-
20	141	Notes Receivable	-	-	-
21	142	Customer Accounts Receivable	4,678,410	4,509,082	(169,328)
22	143	Other Accounts Receivable	1,081,997	1,205,237	123,240
23	146	Receivables from Municipality	-	-	-
24	151	Materials and Supplies (P. 14)	926,500	949,326	22,826
25					
26	165	Prepayments	3,927,849	3,788,151	(139,698)
27	174	Miscellaneous Current Assets	-	-	-
28		Total Current and Accrued Assets	9,595,902	7,622,795	(1,973,107)
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount	-	-	-
31	182	Extraordinary Property Losses	-	-	-
32	185	Other Deferred Debits	668,348	683,310	14,962
33		Total Deferred Debits	668,348	683,310	14,962
34					
35		Total Assets and Other Debits	53,499,388	52,816,583	(682,805)

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

<b>COMPARATIVE BALANCE SHEET Liabilities and Other Credits</b>					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction	-	-	-
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves	337,574	341,634	4,060
5	206	Loans Repayment	-	-	-
6	207	Appropriations for Construction Repayments	-	-	-
7	208	Unappropriated Earned Surplus (P. 12)	21,132,777	20,273,917	(858,860)
8		Total Surplus	21,470,351	20,615,551	(854,800)
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	-	-	-
11	231	Notes Payable (P. 7)	16,169,091	15,098,730	(1,070,361)
12		Total Bonds and Notes	16,169,091	15,098,730	(1,070,361)
13		<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232	Accounts Payable	2,237,043	3,448,057	1,211,014
15	234	Payables to Municipality	-	-	-
16	235	Customers' Deposits	1,222,379	1,247,246	24,867
17	236	Taxes Accrued	-	-	-
18	237	Interest Accrued	-	-	-
19	242	Miscellaneous Current and Accrued Liabilities	717,270	773,725	56,455
20		Total Current and Accrued Liabilities	4,176,692	5,469,028	1,292,336
21		<b>DEFERRED CREDITS</b>			
22	251	Unamortized Premium on Debt	-	-	-
23	252	Customer Advances for Construction	-	-	-
24	253	Other Deferred Credits	8,055,279	8,025,845	(29,434)
25		Total Deferred Credits	8,055,279	8,025,845	(29,434)
26		<b>RESERVES</b>			
27	260	Reserves for Uncollectible Accounts	244,820	224,274	(20,546)
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	244,820	224,274	(20,546)
33		<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271	Contributions in Aid of Construction	3,383,155	3,383,155	-
35		Total Liabilities and Other Credits	53,499,388	52,816,583	(682,805)

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

<b>STATEMENT OF INCOME FOR THE YEAR</b>			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	36,683,928	(8,208,827)
3	Operating Expenses:		
4	401 Operation Expense (P. 42 and 47)	29,912,599	(4,969,327)
5	402 Maintenance Expense	1,467,765	(128,486)
6	403 Depreciation Expense	3,913,326	692,900
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	699,483	(77,181)
10	Total Operating Expenses	35,993,173	(4,482,094)
11	Operating Income	690,755	(3,726,733)
12	414 Other Utility Operating Income (P. 50)	-	-
13			
14	Total Operating Income	690,755	(3,726,733)
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	(555,492)	(446,792)
17	419 Interest Income	30,806	7,779
18	421 Miscellaneous Nonoperating Income (P. 21)	-	-
19	Total Other Income	(524,686)	(439,013)
20	Total Income	166,069	(4,165,746)
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	-	-
23	426 Other Income Deductions	-	-
24	Total Income Deductions	-	-
25	Income Before Interest Charges	166,069	(4,165,746)
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	159,100	(7,200)
28	428 Amortization of Debt Discount and Expense	-	-
29	429 Amortization of Premium on Debt - Credit	-	-
30	431 Other Interest Expense	160,593	(3,483)
31	432 Interest: Charged to Construction - Credit	-	-
32	Total Interest Charges	319,693	(10,683)
33	<b>NET INCOME</b>	(153,624)	(4,155,063)
<b>EARNED SURPLUS</b>			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		21,132,777
35			
36			
37	433 Balance Transferred from Income		(153,624)
38	434 Miscellaneous Credits to Surplus (P. 21)		531,333
39	435 Miscellaneous Debits to Surplus (P. 21)	871,487	
40	436 Appropriations of Surplus (P. 21)	4,059	
41	437 Surplus Applied to Depreciation	361,023	
42	208 Unappropriated Earned Surplus (at end of period)	20,273,917	
43			
44	<b>TOTALS</b>	21,510,486	21,510,486

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	<b>OPERATING INCOME</b>				
2	400 Operating Revenue (P. 37 and P. 43)	\$ 28,033,181	\$ (2,770,237)	\$ 8,650,747	\$ (778,322)
3	Operating Expenses:				
4	401 Operation Expense (P.42)	23,052,000	(1,167,891)	6,860,599	(780,709)
5	402 Maintenance Expense (P. 42)	1,118,447	64,834	349,318	113,738
6	403 Depreciation Expense	2,578,319	126,161	1,335,007	77,875
7	407 Amortization of Property Losses				
8					
9	408 Taxes (P. 49)	646,827	(147,123)	52,656	(5,882)
10	Total Operating Expenses	27,395,593	(1,124,019)	8,597,580	(594,978)
11	Operating Income	637,588	(1,646,218)	53,167	(183,344)
12	414 Other Utility Operating Income (P.50)				
13					
14	Total Operating Income	637,588	(1,646,218)	53,167	(183,344)
15	<b>OTHER INCOME</b>				
16	415 Inc. from Merch., Jobbing, and Contract Work	(588,431)	(538,770)	32,939	14,342
17	419 Interest Income	27,159	(24,886)	3,647	1,073
18	421 Miscellaneous Income				
19	Total Other Income	(561,272)	(563,656)	36,586	15,415
20	Total Income	76,316	(2,209,874)	89,753	(167,929)
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				
22	425 Miscellaneous Amortization				
23	426 Other Income Deductions				
24	Total Income Deductions	-	-	-	-
25	Income before Interest Charges	76,316	(2,209,874)	89,753	(167,929)
26	<b>INTEREST CHARGES</b>				
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	309,671	137,870	10,022	867
31	432 Interest Charged to Construction-Credit				
32	Total Interest Charges	309,671	137,870	10,022	867
33	Net Income	(233,355)	(2,347,744)	79,731	(168,796)



<b>CASH BALANCES AT END OF YEAR</b>			
Line No.	Items (a)	Amount (b)	
1	Operating Fund	(4,070,071)	
2			
3			
4			
5			
6			
7			
8			
9			
10	<b>TOTAL</b>	<b>(4,070,071)</b>	
<b>MATERIALS AND SUPPLIES (Accounts 151-159, 163)</b>			
<b>Summary per Balance Sheet</b>			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
11	Fuel (Account 151) (See Schedule, Page 25)		
12	Fuel Stock Expenses (Account 152)		
13	Residuals (Account 153)		
14	Plant Materials and Operating Supplies (Account 154 & 151)	518,899	430,427
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	518,899	430,427
<b>DEPRECIATION FUND ACCOUNT (Account 126)</b>			
Line No.	(a)	Amount (b)	
22	<b>DEBITS</b>		
23	Balance of account at beginning of year	185,002	
24	Income during year from balance on deposit (interest)	140	
25	Amount transferred from income (depreciation)	3,505,864	
26	Amount transferred in from surplus & other transfers in		
27	<b>TOTAL</b>	<b>3,691,006</b>	
28	<b>CREDITS</b>		
29	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	3,505,864	
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	185,142	
38	<b>TOTAL</b>	<b>3,691,006</b>	



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	-	-	-			-
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	-	-	-	-	-	-
19	Total Production Plant	-	-	-	-	-	-
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	5,147,294	6,734	311,296	-		4,842,732
4	362 Station Equipment	8,518,390	278,543	622,009	-		8,174,924
5	363 Storage Battery Equipment	-	-	-	-		-
6	364 Poles Towers and Fixtures	414,570	49,028	110,696	18,223		334,679
7	365 Overhead Conductors and Devices	1,537,764	209,437	303,809	-		1,443,392
8	366 Underground Conduit	1,542,294	8,268	185,661	-		1,364,901
9	367 Underground Conductors and Devices	1,204,521	109,790	380,818	-		933,493
10	368 Line Transformers	745,006	156,971	172,518	1,355		728,104
11	369 Services	75,936	37,163	28,952	7,346		76,801
12	370 Meters	42,893	101,412	33,391	5,277		105,637
13	371 Installations on Customer's Premises	62,235	15,127	4,652	-		72,710
14	372 Leased Prop on Customer's Premises	-	-	-	-		-
15	373 Streetlight and Signal Systems	659,712	584,961	116,723	139,000		988,950
16	Total Distribution Plant	20,159,137	1,557,434	2,270,525	171,201	-	19,274,845
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements		-	-	-		-
20	391 Office Furniture and Equipment	156,909	17,701	66,926	-		107,684
21	392 Transportation Equipment	501,860	28,346	198,494	-		331,712
22	393 Stores Equipment	11,645	-	1,801	-		9,844
23	394 Tools, Shop and Garage Equipment	69,735	-	10,120	-		59,615
24	395 Laboratory Equipment	75	-	-	-		75
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	254,439	502,249	21,114	-		735,574
27	398 Miscellaneous Equipment	64,316	-	9,339	-		54,977
28	399 Other Tangible Property		-	-	-		-
29	Total General Plant	1,059,479	548,296	307,794	-	-	1,299,981
30	Total Electric Plant in Service	21,218,616	2,105,730	2,578,319	171,201	-	20,574,826
31	104 Utility Plant Leased to Others						-
32	105 Property Held for Future Use						-
33	107 Construction Work in Progress	-	830,613		-		830,613
34	Net Utility Plant Electric	21,218,616	2,936,343	2,578,319	171,201	-	21,405,439

**PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)**

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			NUMBER 2 DIESEL		NATURAL GAS	
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	\$ -	\$ -	\$ -		
2	Received During Year	-	-	-	-	-
3	TOTAL	\$ -	-	\$ -	-	\$ -
4	Used During Year (Note A)				-	-
5		-				
6						
7		<b>NOT APPLICABLE</b>				
8						
9						
10						
11	Sold or Transferred	-				
12	TOTAL DISPOSED OF	-	-	-	-	-
13	BALANCE END OF YEAR	\$ -	-	-	-	\$ -
			Kinds of Fuel and Oil - continued			
			LUBE OIL			
Line No.	Item (g)		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
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).

## 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	2,541,512	2,245	179,030	-		2,364,727
4	367 Mains	12,004,343	1,401,702	580,351	41,977		12,783,717
5	369 Measuring & Regulating Equipment	316,683	173,044	14,966	-		474,761
6	380 Services	3,580,156	456,590	270,470	1,616		3,764,660
7	381 Meters	598,612	53,743	53,953	25,761		572,641
8	382 Meter Installation	1,648,378	302,998	68,254	-		1,883,122
16	Total Distribution Plant	20,908,589	2,390,322	1,167,024	69,354	-	22,062,533
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	47,366	3,542	21,020	-		29,888
21	392 Transportation Equipment	207,917	24,195	98,936	-		133,176
22	393 Stores Equipment	4,078	-	792	-		3,286
23	394 Tools, Shop and Garage Equipment	222,513	-	31,674	-		190,839
24	395 Laboratory Equipment	13,385	-	3,655	-		9,730
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	59,646	70,622	6,769	-		123,499
27	398 Miscellaneous Equipment	29,949	-	5,137	-		24,812
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	585,354	98,359	167,983	-	-	515,730
30	Total Gas Plant in Service	21,493,943	2,488,681	1,335,007	69,354	-	22,578,263
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	21,493,943	2,488,681	1,335,007	69,354	-	22,578,263

<b>MISCELLANEOUS NONOPERATING INCOME (Account 421)</b>		
Line No	Item (a)	Amount (b)
1		-
2		
3		
4		
5		
6	<b>TOTAL</b>	-
<b>OTHER INCOME DEDUCTIONS (Account 426)</b>		
Line No.	Item (a)	Amount (b)
7		-
8		
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	-
<b>MISCELLANEOUS CREDITS TO SURPLUS (Account 434)</b>		
Line No.	Item (a)	Amount (b)
15		
16	Sale of Scrap	48,590
17		
18	MMWEC Surplus Funds Refund	16,279
19		
20	GASB 68 Reclassification - Pension	407,463
21	OPEB Asset Revaluation	59,001
22		
23	<b>TOTAL</b>	531,333
<b>MISCELLANEOUS DEBITS TO SURPLUS (Account 435)</b>		
Line No.	Item (a)	Amount (b)
24		
25	Payments in Lieu of Taxes - Payments to Town	871,487
26		
27		-
28		
29		
30		
31		
32	<b>TOTAL</b>	871,487
<b>APPROPRIATIONS OF SURPLUS (Account 436)</b>		
Line No.	Item (a)	Amount (b)
33		
34	Surplus applied to Sinking Fund	4,059
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	4,059



<b>MUNICIPAL REVENUES (Account 482,444)</b> (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	\$ 33,222,000	\$ 485,107	\$ 14.6020							
2												
3												
4						<b>TOTALS</b>						
			33,222,000	485,107	14.602							
<b>Electric Schedule</b>												
		(a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)							
5	444	Power Sales to Public Authorities	\$ 7,836,091	\$ 1,181,822	\$ 0.1508							
6												
7												
8												
9												
10												
11		<b>TOTALS</b>	7,836,091	1,181,822	0.1508							
12	444	Public Sales - Highway Lighting	824,336	\$ 204,799	\$ 0.2484							
13												
14												
15												
16												
17		<b>TOTALS</b>	824,336	204,799	0.2484							
		<b>TOTALS</b>	8,660,427	1,386,621	0.1601							
<b>PURCHASED POWER (Account 555)</b>												
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							<b>TOTALS</b>	-	-	-		
<b>SALES FOR RESALE (Account 447)</b>												
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	<b>TOTALS</b>	-	-	-								

**ELECTRIC OPERATING REVENUES (Account 400)**

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.  
 2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.  
 3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.  
 5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification

Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	<b>SALES OF ELECTRICITY</b>						
2	440 Residential Sales	11,863,838	(851,820)	77,958,425	(2,023,203)	10,841	47
3	442 Commercial and Industrial Sales:						
4	Small or Commercial	2,470,768	(126,730)	14,905,717	(177,816)	1,541	7
5	Large or Industrial Sales	11,090,325	(1,627,022)	78,557,083	(7,871,918)	253	4
6	444 Municipal Sales	1,386,621	(48,960)	9,875,674	(535,753)	162	7
7	445 Other Sales to Public Authorities	-	-	-	-	-	-
8	446 Sales to Railroads and Railways	-	-	-	-	-	-
9	448 Interdepartmental Sales	-	-	-	-	-	-
10	449 Miscellaneous Sales	-	-	-	-	-	-
11	<b>Total Sales to Ultimate Consumers</b>	26,811,552	(2,654,532)	181,296,899	(10,608,690)	12,797	65
12	447 Sales for Resale	-	-	-	-	-	-
13	<b>Total Sales of Electricity *</b>	26,811,552	(2,654,532)	181,296,899	(10,608,690)	12,797	65
14	<b>OTHER OPERATING REVENUES</b>						
15	450 Forfeited Discounts	159,382	7,767				
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	1,062,247	(123,472)				
21							
22							
23							
24							
25	Total Other Operating Revenues	1,221,629	(115,705)				
26	Total Electric Operating Revenue	28,033,181	(2,770,237)				

\* Inclusive of revenues from applicable fuel clauses \$ 26,811,552

Total kWh to which applied 179,257,316

**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	77,958,425	11,863,838	0.1522	10,819	10,943
2	442	Commercial Sales	14,905,717	2,383,383	0.1599	1,541	1,543
3	442-1	Power Sales	78,557,083	11,090,325	0.1412	253	249
4	444	Public Sales - Highway Lighting	824,336	204,799	0.2484	-	-
5	444	Other Sales to Public Authorities	7,836,091	1,181,822	0.1508	162	163
6	451	Private Area Lighting	1,215,247	87,385	0.0719	-	-
7							
8							
9							
10							
11							
12							
13							
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44							
45							
46							
47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 37 Line 11)		181,296,899	26,811,552	0.1479	12,775	12,898

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES</b>			
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	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
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	<b>NUCLEAR POWER GENERATION</b>		
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	<b>HYDRAULIC POWER GENERATION</b>		
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	-	-

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	-	-
4	542 Maintenance of structures	-	-
5	543 Maintenance or reservoirs, dams and waterways	-	-
6	544 Maintenance of electric plant	-	-
7	545 Maintenance of miscellaneous hydraulic plant	-	-
8	Total maintenance	-	-
9	Total power production expenses - hydraulic power	-	-
10	<b>OTHER POWER GENERATION</b>		
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	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	18,134,547	(938,096)
27	556 System control and load dispatching	-	-
28	557 Other expenses	-	-
29	Total other power supply expenses	18,134,547	(938,096)
30	Total power production expenses	18,134,547	(938,096)
31	<b>TRANSMISSION EXPENSES</b>		
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	-	-

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	-	-
4	581 Load dispatching (Operation Labor)	773,002	32,197
5	582 Station expenses	486,362	(49,964)
6	583 Overhead line expenses	13,384	(189,019)
7	584 Underground line expenses	8,974	(6,919)
8	585 Street lighting and signal system expenses	31,576	(18,024)
9	586 Meter expenses	19,600	12,455
10	587 Customer installations expenses	12,275	(27,207)
11	588 Miscellaneous distribution expenses	64,795	(65,841)
12	589 Rents	-	-
13	Total operation	1,409,968	(312,322)
14	Maintenance:		
15	590 Maintenance supervision and engineering	-	-
16	591 Maintenance of structures	167,617	50,468
17	592 Maintenance of station equipment	10,736	2,800
18	593 Maintenance of overhead lines	758,589	23,242
19	594 Maintenance of underground lines	13,832	(30,400)
20	595 Maintenance of line transformers	46,611	8,329
21	596 Maintenance of street lighting and signal systems	-	-
22	597 Maintenance of meters	-	-
23	598 Maintenance of miscellaneous distribution plant	-	-
24	Total maintenance	997,385	54,439
25	Total distribution expenses	2,407,353	(257,883)
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	74,778	20,400
30	903 Customer records and collection expenses	592,261	(63,039)
31	904 Uncollectible accounts	22,380	(3,985)
32	905 Miscellaneous customer accounts expenses	-	-
33	Total customer accounts expenses	689,419	(46,624)
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	-	-
37	912 Demonstrating and selling expenses	-	-
38	913 Advertising expenses	90,043	25,903
39	916 Miscellaneous sales expenses	-	-
40	Total sales expenses	90,043	25,903
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	548,796	37,084
44	921 Office supplies and expenses	221,289	82,600
45	922 Administrative expenses transferred - Cr	-	-
46	923 Outside services employed	190,077	56,799
47	924 Property insurance	42,979	(3,060)
48	925 Injuries and damages	91,201	(15,757)
49	926 Employee pensions and benefits	1,425,883	(183,639)
50	928 Regulatory commission expenses	-	-
51	929 Store Expense	-	-
52	930 Miscellaneous general expenses	207,798	129,221
53	931 Rents	-	-
54	Total operation	2,728,023	103,248

<b>ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES - Cont.</b>		
2	Maintenance:		
3	932 Maintenance of general plant	121,062	10,395
4	Total administrative and general expenses	2,849,085	113,643
5	Total Electric Operation and Maintenance Expenses	24,170,447	(1,103,057)

**SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	<b>Power Production Expenses</b>			
7	Electric Generation:			
8	Steam Power:	-	-	-
9	Nuclear Power	-	-	-
10	Hydraulic Power	-	-	-
11	Other Power	-	-	-
12	Other Power Supply Expenses	18,134,547	-	18,134,547
13	Total power production expenses	18,134,547	-	18,134,547
14	Transmission Expenses	-	-	-
15	Distribution Expenses	1,409,968	997,385	2,407,353
16	Customer Accounts Expenses	689,419	-	689,419
17	Sales Expenses	90,043	-	90,043
18	Administrative and General Expenses	2,728,023	121,062	2,849,085
19	Total Electric Operation and			
20	Maintenance Expenses	23,052,000	1,118,447	24,170,447

- 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) 95.42%
- 22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. 2,816,176
- 23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 26.68 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.  
 2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.  
 3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.  
 5. Classification on Commercial and Industrial Sales, Large (or Industrial) may be according to the basis of classification regularly used by the respondent.

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	<b>SALES OF GAS</b>						
2	480 Residential Sales	6,138,532	(495,396)	402,412.1	26,097	6,200	32
3	481 Commercial and Industrial Sales:						
4	Small or Commercial	1,923,481	(127,861)	132,257.4	10,871	641	(2)
5	Large or Industrial Sales	-	-	-	-	-	-
6	482 Municipal Sales (P. 22)	485,107	(31,567)	33,222.0	1,444	44	1
7	483 Other Sales	-	-	-	-	-	-
8	485 Miscellaneous Gas Sales	-	-	-	-	-	-
9	<b>Total Sales to Ultimate Consumers</b>	8,547,120	(654,824)	567,891.5	38,411.9	6,885	31
10	483 Sales for Resale	-	-	-	-	-	-
11	<b>Total Sales of Gas*</b>	8,547,120	(654,824)	567,891.5	38,411.9	6,885	31
12	<b>OTHER OPERATING REVENUES</b>						
13	487 Forfeited Discounts	35,032	2,099				
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	68,595	(125,597)				
21	Total Other Operating Revenues	103,627	(123,498)				
22	Total Gas Operating Revenue	8,650,747	(778,322)				
23							
24							

\* Inclusive of revenues from applicable fuel clauses \$ 8,547,120

Total MCF to which applied 567,891.5



**SALES OF GAS TO ULTIMATE CONSUMERS**

Report by account number M.C.F of gas sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	M. C. F. Sold (b)	Revenue (c)	Average Revenue per M.C.F. (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	480	Residential Sales	27,319.9	530,367	19.4132	1,490	1,455
2	480	Gas Heating Sales	493,053.6	7,301,736	14.8092	5,217	5,376
3	481	Commercial & Industrial	14,296.0	229,910	16.0821	115	111
4	482	Sales to Public Authorities	33,222.0	485,107	14.6020	44	44
5							
6							
7							
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46							
47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 43 Line 9)		567,891.5	8,547,120	15.0506	6,866	6,986

**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	<b>OTHER GAS SUPPLY EXPENSES</b>		
3	Operation:		
4	804 Natural gas city gate purchases	5,101,139	(780,785)
5	Maintenance:	-	-
6	Total other gas supply expenses	-	-
7	Total production expenses	5,101,139	(780,785)
8	Total Operation	5,101,139	(780,785)
9	<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>		
10	Operation:		
11	850 Operation supervision and engineering	146,297	(122,426)
10	851 System control and load dispatching	-	-
11	852 Communication system expenses	-	-
12	853 Compressor station labor and expenses	189,317	(10,485)
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	25,285	(10,708)
17	878 Meter and house regulator expenses	667	(750)
18	879 Customer installations expenses	141,873	52,051
19	880 Other expenses	41,838	(9,126)
20	881 Rents	-	-
21	Total Operation	545,277	(101,444)
22	Maintenance:		
23	885 Maintenance supervision and engineering	-	-
24	886 Maintenance of structures and improvements	-	-
25	887 Maintenance of mains	235,440	101,996
26	888 Maintenance of compressor station	-	-
27	889 Maintenance of measuring and regulating station equipment	-	-
28	892 Maintenance of services	-	(578)
29	893 Maintenance of meters and house regulators	15,385	(8,788)
30	894 Maintenance of other equipment	51,621	24,606
31	Total Maintenance	302,446	117,236
32	Total Transmission and Distribution	847,723	15,792
33	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
34	Operation:		
35	901 Supervision	-	-
36	902 Meter reading expenses	24,926	6,607
37	903 Customer records and collection expenses	199,941	(17,273)
38	904 Uncollectable accounts	7,383	(13,312)
39	905 Miscellaneous customer accounts expenses	-	-
40	Total Customer Accounts Expense	232,250	(23,978)
41	<b>SALES EXPENSES</b>		
42	Operation:		
43	911 Supervision	-	-
44	912 Demonstrating and selling expenses	-	-
45	913 Advertising expenses	22,666	14,065
46	916 Miscellaneous sales expenses	-	-
47	Total Sales Expenses	22,666	14,065

<b>GAS OPERATION AND MAINTENANCE EXPENSES - Continued</b>			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
2	Operation:		
3	920 Administrative and general salaries	174,277	3,477
4	921 Office supplies and expenses	75,430	29,713
5	922 Administrative expenses transferred -Cr.	-	-
6	923 Outside services employed	114,438	41,644
7	924 Property insurance	10,512	6,306
8	925 Injuries and damages	25,759	(12,409)
9	926 Employees pensions and benefits	441,380	4,904
10	928 Regulatory commission expenses	-	-
11	929 Duplicate charges-Cr.	-	-
12	930 Miscellaneous general expenses	117,471	37,798
13	931 Rents	-	-
14	Total Operation	959,267	111,433
15	Maintenance:		
16	932 Maintenance of general plant	46,872	(3,498)
17	Total Maintenance	46,872	(3,498)
18	Total Administrative and General Expenses	1,006,139	107,935
19	Total Gas Operation and Maintenance Expense	7,209,917	(666,971)

<b>SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSES</b>				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
20	Other gas supply expenses	5,101,139	-	5,101,139
21	Total Production expenses	5,101,139	-	5,101,139
22	Local storage expenses	-	-	-
23	Transmission and distribution expenses	545,277	302,446	847,723
24	Customer accounts expenses	232,250	-	232,250
25	Sales expenses	22,666	-	22,666
26	Administrative and general expenses	959,267	46,872	1,006,139
27	Total gas operation and maintenance	6,860,599	349,318	7,209,917
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)			98.78%
29	Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts.			1,238,616
30	Total number of employees of gas department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			13.75 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

<b>SALES FOR RESALE (Account 483)</b>					
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				-	-
2					
3		NONE			
4					
5					
6	<b>TOTALS</b>			-	-

<b>SALE OF RESIDUALS (Accounts 730, 731)</b>							
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						-	-
8							
9			NONE				
10							
11							
12	<b>TOTALS</b>					-	-

<b>PURCHASED GAS (Accounts 804 - 806)</b>						
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		480 North Avenue, Meter house in rear of Fire Station on Oak Street, Greenwood, Meter house on Salem Street near Wakefield/Lynnfield town line, Meter house on Broadway				
14	Sprague Energy		612,723	\$ 7.2958	\$ 4,470,281	
15						
16	National Grid		3,218	\$ 10.5220	\$ 33,864	
17						
18						
19		All 4 locations above are metered				
20	<b>TOTALS</b>			615,942	7.3126	4,504,145

**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									
2									
3	Commonwealth of Massachusetts	\$ 699,483	\$ 646,827	\$ 52,656					
4									
5									
6									
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31									
32									
33	TOTALS	\$ 699,483	\$ 646,827	\$ 52,656					

<b>OTHER UTILITY OPERATING INCOME (Account 414)</b>					
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2	NONE				
3					
4					
5					
6					
7					
8					
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44					
45					
46	TOTALS	\$ -	\$ -	\$ -	\$ -

<b>INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)</b>					
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	212,211	37,658		249,869
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	212,211	37,658	-	249,869
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	800,642	4,719		805,361
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49	TOTAL COSTS AND EXPENSES	800,642	4,719	-	805,361
50	Net Profit (or loss)	(588,431)	32,939	-	(555,492)

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,

and place and "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	NONE							
2								
3								
4								
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39								
40								
41		* Winter period contract demand.						
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)		
								1
60 MINUTES	115,000 V				6,020	6,020	N/A	2
60 MINUTES	115,000 V	10,606,695	72,498	52,185	126,058	250,741	\$0.0236	3
60 MINUTES	115,000 V	207,933	204,292	49,710	32,245	286,247	\$1.3766	4
60 MINUTES	115,000 V	3,823,741	515,129	207,543	10,394	733,066	\$0.1917	5
60 MINUTES	115,000 V	633,931	17,478	3,824	41	21,343	\$0.0337	6
60 MINUTES	115,000 V	6,072,796	214,678	40,613	4,755	260,046	\$0.0428	7
60 MINUTES	115,000 V	13,900,070	601,243	93,015	10,884	705,142	\$0.0507	8
60 MINUTES	115,000 V	15,540,045	491,859	93,881	1,009	586,749	\$0.0378	9
60 MINUTES	115,000 V	2,161,864	79,634	13,033	140	92,807	\$0.0429	10
60 MINUTES	115,000 V	404,574	77,733	36,491	2,829	117,053	\$0.2893	11
60 MINUTES	115,000 V	20,329,519	1,158,546	123,086	1,320	1,282,952	\$0.0631	12
60 MINUTES	115,000 V				3,619,142	3,619,142	N/A	13
		93,016,800	-	4,684,527	-	4,684,527	\$0.0504	14
60 MINUTES	115,000 V	4,491,636	641,958	-	-	641,958	\$0.1429	15
60 MINUTES	115,000 V	3,725,366	-	184,406	276	184,682	\$0.0496	16
60 MINUTES	115,000 V	6,448,217	-	324,565	146	324,711	\$0.0504	17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								41
	TOTALS:	181,363,187	\$ 4,075,048	\$ 5,906,879	\$ 3,815,259	\$ 13,797,186		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 Non-utilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

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

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

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

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)	
					Received (a)	Delivered (f)	Net Difference (g)		
1	NEPEX				201,168,520	192,108,810	9,059,710	4,612,151	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12	TOTALS					201,168,520	192,108,810	9,059,710	4,612,151

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	4,299,938
14		NEPOOL EXPENSE	312,213
15			
16			
17			
18			
19			
20			
21	TOTAL		4,612,151

**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	<b>SOURCES OF ENERGY</b>		
2	Generation		
3	Steam		-
4	Nuclear		-
5	Hydro		-
6	Other		-
7	Total Generation		-
8	Purchases		181,363,187
9		( In (gross) 201,168,520	
10	Interchanges	< Out (gross) 192,108,810	
11		( Net (Kwh)	9,059,710
12		( Received -	
13	Transmission for/by others (wheeling)	< Delivered -	
14		( Net (Kwh)	-
15	<b>TOTAL</b>		<b>190,422,897</b>
16	<b>DISPOSITION OF ENERGY</b>		
17	Sales to ultimate consumers (including interdepartmental sales)		181,296,899
18	Sales for resale		-
19	Energy furnished without charge		
20	Energy used by the company (excluding station use):		
21	Electric department only		1,466,563
22	Energy losses		
23	Transmission and conversion losses	-	
24	Distribution losses	7,659,435	
25	Unaccounted for losses	-	
26	Total energy losses		7,659,435
27	Energy losses as percent of total on line 15	4.02%	
28		<b>TOTAL</b>	<b>190,422,897</b>

**MONTHLY PEAKS AND OUTPUT**

- |   |  |
|---|--|
| <p>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.</p> <p>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</p> | <p>as to the nature of the emergency.</p> <p>3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)</p> <p>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.</p> <p>5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.</p> |
|---|--|

**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	32,945	Monday	9	6:00 PM	60 min	17,247,291
30	February	31,399	Tuesday	14	7:00 PM	60 min	15,178,596
31	March	28,795	Monday	13	9:00 AM	60 min	16,859,614
32	April	26,326	Thursday	6	6:00 PM	60 min	14,246,519
33	May	37,549	Thursday	18	6:00 PM	60 min	14,600,289
34	June	44,504	Tuesday	13	5:00 PM	60 min	16,572,599
35	July	41,984	Wednesday	19	5:00 PM	60 min	17,950,636
36	August	40,522	Tuesday	22	6:00 PM	60 min	17,429,138
37	September	35,784	Wednesday	27	6:00 PM	60 min	14,987,571
38	October	27,334	Tuesday	10	2:00 PM	60 min	13,835,350
39	November	27,166	Tuesday	28	6:00 PM	60 min	14,276,916
40	December	34,658	Thursday	28	6:00 PM	60 min	17,238,378
41						<b>TOTAL</b>	<b>190,422,897</b>

**GENERATING STATIONS**

**GENERATING STATION STATISTICS (Large Stations)**  
(Except Nuclear)

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	Kind of plant (Steam, Hydro, Int. Comb.)	NONE			
2	Type of plant construction (conventional outdoor boiler, full outdoor, etc)				
3	Year originally constructed				
4	Year last unit installed				
5	Total installed capacity (maximum generator name plate ratings in kw)				
6	Net peak demand on plant-kilowatts (60 min)				
7	Plant hours connected to load				
8	Net continuous plant capability, kilowatts:				
9	(a) when not limited by condenser water				
10	(b) when limited by condenser water				
11	Average number of employees				
12	Net generation, exclusive of station use				
13	Cost of plant (omit cents):				
14	Land and land rights				
15	Structures and improvements				
16	Reservoirs, dams and waterways				
17	Equipment costs				
18	Roads, railroads and bridges				
19	Total cost		-		
20	Cost per kw of installed capacity				
21	Production expenses:				
22	Operation supervision and engineering				
23	Station labor				
24	Fuel				
25	Supplies & Expenses, including water				
26	Maintenance				
27	Rents				
28	Steam from other sources				
29	Steam transferred - credit				
30	Total production expenses	-			
31	Expenses per net Kwh (5 places)				
32	Fuel: Kind				
33	Unit(coal-tons of 2,000 lb)(oil-barrels of 42 gals.)Gas-Mcu.ft.)(nuclear,indicate)				
34	Quantity (units) fuel consumed				
35	Average heat content of fuel (B.t.u. per lb of coal, per gal. of oil, or per cu.ft. of gas)				
36	Average cost of fuel per unit, del fob plant				
37	Average cost of fuel per unit consumed				
38	Average cost of fuel consumed per million B.t.u.				
39	Average cost of fuel consumed per kwh net gen				
40	Average B.t.u. per kwh net generation				

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

GENERATING STATIONS								Page 64
COMBUSTION ENGINE AND OTHER GENERATING STATIONS (Except Nuclear)				Pages 64-65				
Line No.	Name of Station (a)	Location of Station (b)	Diesel Other type Engine (c)	PRIME MOVERS				
				Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)	
1	NONE							
2								
3								
4								
5								
6								
7								
8								
9								
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13								
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16								
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19								
20								
21								
22								



**GENERATING STATIONS**

COMBUSTION ENGINE AND OTHER GENERATING STATIONS  
(Except Nuclear)

Pages 64-65

PRIME MOVERS CONTINUED		Generators						Total Installed Generating Capacity in Kilowatts (name plate rating) (p)	Line No.
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		
									1
									2
									3
									4
									5
									6
									7
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									19
									20
									21
					TOTALS	0	0	0	22

<b>GENERATING STATION STATISTICS (Small Stations)</b>					<b>Page 66</b>
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	<b>NONE</b>				
2					
3					
4					
5					
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44					
45					
46					

<p align="center"><b>TRANSMISSION LINE STATISTICS</b> Report information concerning transmission line as indicated below.</p>								
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								
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43								
44								
45								
46								
47								
48								
49								
50								
51								
52	TOTALS				-	-	-	

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

**SUBSTATIONS**

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

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

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

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Wakefield Substation	Distribution	13,800	4,169		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	-			

<b>OVERHEAD DISTRIBUTION LINES OPERATED</b>					
Line No.		Length (Pole Miles)			
		Wood Poles	Steel Towers	Total	
1	Miles -- Beginning of Year	65.3	-	65.3	
2	Added During Year	0.6		0.6	
3	Retired During Year	0.5		0.5	
4	Miles -- End of Year	65.4	-	65.4	
5					
6					
7					
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power				
9					
10	Three-phase, AC distribution system, 60 cycles, 13,800 volts				
11					
12					
13					
14					
15					

  

<b>ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS</b>					
Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	7,674	12,726	1,425	110,876
17	Additions during year				
18	Purchased	-			
19	Installed	282	759	30	4,475
20	Associated with utility plant acquired				
21	Total Additions	282	759	30	4,475
22	Reductions during year:				
23	Retirements & other reductions	132	587	158	9,128
24	Associated with utility plant sold				
25	Total Reductions	132	587	158	9,128
26	Number at end of year	7,824	12,898	1,297	106,223
27	In stock		243	102	4,175
28	Locked meters on customers' premises				
29	Inactive transformers on system			6	237.5
30	In customers' use		12,898	1,297	106,223
31	In company's use		6	8	814
32	Number at end of year		13,147	1,413	111,450

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	44.30	12.9 miles 3 conductor	13,800	NONE	
2						
3						
4						
5						
6						
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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	3,247	2,428	46	-	56	62	226	171	258
2										
3										
4										
5										
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41										
42										
43										
44										
45										
46										
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48										
49										
50										
51										
52	TOTALS	3,247	2,428	46	-	56	62	226	171	258

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	612,723	98,009	83,998	100,859	42,026	28,939
12							
13							
14	TOTAL MADE &	612,723	98,009	83,998	100,859	42,026	28,939
15	PURCHASED						
16							
17	Net Change in						
18	Holder Gas						
19	TOTAL SENDOUT	612,723	98,009	83,998	100,859	42,026	28,939
20							
21							
22	Gas Sold	567,892	99,215	92,219	87,100	77,088	34,104
23	Gas Used by Company	1,949	414	423	346	180	115
24	Gas Accounted for	569,841	99,629	92,642	87,446	77,268	34,219
25	Gas Unaccounted for	42,882	(1,620)	(8,644)	13,413	(35,242)	(5,280)
26	% Unaccounted						
27	for (0.00%)	7.00%	(1.65%)	(10.29%)	13.30%	(83.86%)	(18.25%)
28							
29							
30	Sendout in 24 Hours						
31	in MCF						
32	Maximum MCF	6,396	4,704	6,048	5,850	3,362	1,910
33	Maximum Date	12/28/17	1/9/17	2/15/17	3/4/17	4/1/17	5/4/17
34	Minimum MCF	324	1,813	1,512	1,109	504	521
35	Minimum Date	10/5/17	1/21/17	2/24/17	3/1/17	4/16/17	5/18/17
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	15,769	12,900	12,960	13,983	20,262	64,569	118,449
12							
13							
14	15,769	12,900	12,960	13,983	20,262	64,569	118,449
15							
16							
17							
18							
19	15,769	12,900	12,960	13,983	20,262	64,569	118,449
20							
21							
22	21,985	13,851	12,762	12,285	15,043	31,834	70,406
23	42	24	19	21	70	101	194
24	22,027	13,875	12,781	12,306	15,113	31,935	70,600
25	(6,258)	(975)	179	1,677	5,149	32,634	47,849
26							
27	(39.69%)	(7.56%)	1.38%	11.99%	25.41%	50.54%	40.40%
28							
29							
30							
31							
32	631	503	454	671	1,459	3,680	6,396
33	6/6/17	7/14/17	8/27/17	9/30/17	10/17/17	11/11/17	12/28/17
34	473	387	389	406	324	1,033	2,251
35	6/12/17	7/21/17	8/22/17	9/12/17	10/5/17	11/3/17	12/5/17
36							
37							
38							
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51							

**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"	3,490	-	99	-	3,391
5	4"	3,902	-	-	-	3,902
6	6"	-	-	-	-	-
7	10"	-	-	-	-	-
8						
9	Sub Total	7,392	-	99	-	7,293
10						
11	DISTRIBUTION - STEEL PIPE					
12						
13	1"	-	-	-	-	-
14	1¼"	60	-	-	-	60
15	1½"	75	-	-	-	75
16	2"	9,080	-	-	-	9,080
17	3"	29,574	-	-	-	29,574
18	4"	104,200	-	8,723	-	95,477
19	6"	14,156	-	1,584	-	12,572
20	8"	100	-	-	-	100
21	10"	4,165	-	-	-	4,165
22						
23	Sub Total	161,410	-	10,307	-	151,103
24						
25	DISTRIBUTION - PLASTIC PIPE					
26						
27	1"	90	-	-	-	90
28	1¼"	425	-	-	-	425
29	2"	19,987	-	-	-	19,987
30	3"	4,423	-	-	-	4,423
31	4"	95,315	1,155	-	-	96,470
32	6"	101,684	6,616	-	-	108,300
33	8"	65,448	1,685	-	-	67,133
34	12"	2,816	-	-	-	2,816
35						
36	Sub Total	290,188	9,456	-	-	299,644
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	463,214	9,456	11,006	-	461,664
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:	4,997	-	6,882
3	Additions during year			
4	Purchased	-	-	-
5	Installed	411	-	312
6	Associated with utility plant acquired	-	-	
7	Total Additions	411	-	312
8				
9	Reductions during year:			
10	Retirements	408	-	208
11	Associated with utility plant sold	-	-	
12	Total Reductions	408	-	208
13	Number at end of year	5,000	-	6,986
14				
15	In stock			237
16	On Customers' Premises - Inactive			-
17	On Customers' Premises - Active			6,986
18	In Company Use			8
19	Number at end of year			7,231
20				
21	Number of Meters Tested by State Inspectors			
22	During Year			1,220
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

Kenneth J. Chase, Jr. Chair

William J. Boodry, Jr. Secretary

Selectmen  
or  
Members  
of the  
Municipal  
Light  
Board

Kevin T. Haggerty

Rafael N. McDonald

John J. Warchol

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

SS

20

Then personally appeared

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

Notary Public or  
Justice of the Peace

**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 (ccf).

**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 15<sup>th</sup> day following the 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  
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 (ccf).

**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 15<sup>th</sup> day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

**Term of Contract**

Subject to termination at any time upon notice.



## **Terms and Conditions**

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**Date Issued:**  
July 1, 2009

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August 1, 2009

### **Filed by:**

Peter D. Dion, General Manager  
Michael P. McCarthy, Chairman  
Kenneth J. Chase, Jr.  
John J. Warchol  
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 (ccf).

**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 15<sup>th</sup> day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

**Term of Contract**

Subject to termination at any time upon notice.

**Terms and Conditions**

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**Date Issued:**  
July 1, 2009

**Date Effective:**  
August 1, 2009

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Michael P. McCarthy, Chairman  
Kenneth J. Chase, Jr.  
John J. Warchol  
Stephen McGrail  
Kevin Haggerty

9 Albion Street  
Wakefield, Massachusetts 01880

**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 (ccf).

**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 15<sup>th</sup> day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

**Term of Contract**

Subject to termination at any time upon notice.

**Terms and Conditions**

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**Date Issued:**

**Date Effective:**

July 1, 2009

August 1, 2009

**Filed by:**

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Michael P. McCarthy, Chairman

Kenneth J. Chase, Jr.

John J. Warchol

Stephen McGrail

Kevin Haggerty

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.

**Discount**

A discount of 10 % will be applied to all bills paid on or before the 15<sup>th</sup> 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**

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**Date Issued:**

July 1, 2009

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August 1, 2009

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Michael P. McCarthy, Chairman

Kenneth J. Chase, Jr.

John J. Warchol

Stephen McGrail

Kevin Haggerty

9 Albion Street

Wakefield, Massachusetts 01880

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

**Wakefield Municipal Gas & Light Department  
Commercial Rate B**

**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

**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 15<sup>th</sup> 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**

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**Date Issued:**  
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August 1, 2009



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Michael P. McCarthy, Chairman  
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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 Power Rate C

### 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

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 preceding Cost of Service shall be adjusted in accordance with the Department's Purchased Power and Fuel Adjustment Charge 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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August 1, 2009

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9 Albion Street  
Wakefield, Massachusetts 01880

# INDEX

	Page		
Appropriations of Surplus	21		
Appropriations Since Beginning of Year	5		
Bonds	6		
Cash Balances	14		
Changes in the Property	5		
Combustion Engine and Other Generating Stations	64-65		
Comparative Balance Sheet	10-11		
Conduit, Underground Cable and Submarine Cable	70		
Cost of Plant	8- 8B		
Customers in each City or Town	4		
Depreciation Fund Account	14		
Earned Surplus	12		
Electric Distribution Services, Meters, and Line Transformers	69		
Electric Energy Account	57		
Electric Operating Revenues	37		
Electric Operation and Maintenance Expenses	39-42		
General Information	3		
Generating Station Statistics	58-59		
Generating Statistics (Small Stations)	66		
Hydroelectric Generating Stations	62-63		
Income from Merchandising, Jobbing and Contract Work	51		
Income Statement	12		
Interchange Power	56		
Materials and Supplies	14		
Miscellaneous Credits to Surplus	21		
Miscellaneous Debits to Surplus	21		
Miscellaneous Nonoperating Income	21		
Monthly Peaks and Output	57		
Municipal Revenues	22		
Other Income Deductions	21		
Other Utility Operating Income	50		
Overhead Distribution Lines Operated	69		
Production Fuel and Oil Stocks	18		
Purchased Power	22		
Purchased Power Detailed (except Interchange)	54-55		
Rate Schedule Information	79		
Sales for Resale	22		
Sales for Resale Detailed	52-53		
Sales of Electricity to Ultimate Consumers	38		
Schedule of Estimates	4		
Signature Page	81		
Steam Generating Stations	60-61		
Streetlamps	71		
Substations	68		
Taxes Charged During Year	49		
Town Notes	7		
Transmission Line Statistics	67		
Utility Plant-Electric	15-17		
FOR GAS PLANTS ONLY:	Page		Page
Boilers	75	Purifiers	76
Gas Distribution Services, House Governors and Meters	78	Record of Sendout for the Year in MCF	72-73
Gas Generating Plant	74	Sales for Resale	48
Gas Operating Revenues	43	Sales of Gas to Ultimate Customers	44
Gas Operation & Maintenance Expenses	45-47	Sales of Residuals	48
Holders	76	Scrubbers, Condensers & Exhausters	75
Purchased Gas	48	Transmission and Distribution Mains	77
		Utility Plant - Gas	19-20