



The Commonwealth of Massachusetts

**RETURN**

OF THE

**MUNICIPAL GAS & LIGHTING PLANT**

OF THE

**TOWN OF WAKEFIELD**

TO THE

**DEPARTMENT OF PUBLIC UTILITIES**

OF MASSACHUSETTS

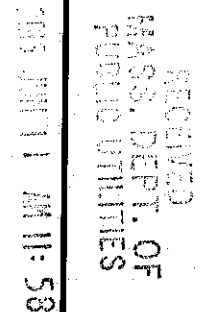
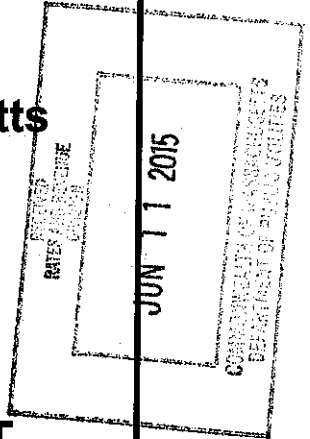
**For the Year Ended December 31,**

**2014**

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

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

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



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**GENERAL INFORMATION**

1.	Name of town (or city) making report.	Wakefield
2.	If the town (or city) has acquired a plant, Kind of plant, whether gas or electric. Owner from whom purchased, if so acquired. Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No, Date when town (or city) began to sell gas and electricity,	Gas & Electric      1894
3.	Name and address of manager of municipal lighting:  Peter D. Dion                      480 North Avenue                      Wakefield MA 01880	
4.	Name and address of mayor or selectmen:  Tiziano Doto                      One Lafayette Street                      Wakefield MA 01880 Brian E Falvey                      One Lafayette Street                      Wakefield MA 01880 Patrick S Glynn                      One Lafayette Street                      Wakefield MA 01880 Betsy Sheeran                      One Lafayette Street                      Wakefield MA 01880 Paul R. Dinocco                      One Lafayette Street                      Wakefield MA 01880 Phyllis J. Hull                      One Lafayette Street                      Wakefield MA 01880 Ann Santos                      One Lafayette Street                      Wakefield MA 01880	
5.	Name and address of town (or city) treasurer:  John J. McCarthy Jr.                      One Lafayette Street                      Wakefield MA 01880	
6.	Name and address of town (or city) clerk:  Mary K. Galvin                      One Lafayette Street                      Wakefield MA 01880	
7.	Names and addresses of members of municipal light board:  Michael P. McCarthy, Chair                      480 North Avenue                      Wakefield MA 01880 John J. Warchol, Secretary                      480 North Avenue                      Wakefield MA 01880 Kenneth J. Chase Jr.                      480 North Avenue                      Wakefield MA 01880 Kevin T. Haggerty                      480 North Avenue                      Wakefield MA 01880 Michael Giannattasio                      480 North Avenue                      Wakefield MA 01880	
8.	Total valuation of estates in town (or city) according to last State valuation (taxable)	\$ 4,011,832,988
9.	Tax rate for all purposes during the year:  Residential                      12.78                      Residential                      13.48 Commercial                      26.07                      Commercial                      27.22	
10.	Amount of manager's salary:	\$155,867
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	12,601,000
2	From sales of electricity	28,331,000
3	<b>TOTAL</b>	40,932,000
4		
<b>EXPENSES</b>		
6	For operation, maintenance and repairs	38,120,000
7	For interest on bonds, notes or scrip	193,100
8	For depreciation fund ( 5% 41,281,313 (ex land) as per page 9)	2,064,066
9	For sinking fund requirements	-
10	For note payments	385,000
11	For bond payments	-
12	For loss in preceding year	-
13	<b>TOTAL</b>	40,762,166
14		
<b>COST:</b>		
16	Of gas to be used for municipal buildings	683,000
17	Of gas to be used for street lights	-
18	Of electricity to be used for municipal buildings	1,088,000
19	Of electricity to be used for street lights	225,000
20	Total of above items to be included in the tax levy	1,996,000
21		
22	New construction to be included in the tax levy	-
23	Total amounts to be included in the tax levy	1,996,000

**CUSTOMERS**

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters December 31.	City or Town	Number of Customers' Meters, December 31.
Wakefield	6,840	Wakefield	12,730
<b>TOTAL</b>	6,840	<b>TOTAL</b>	12,730

**APPROPRIATIONS SINCE BEGINNING OF YEAR**

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

**FOR CONSTRUCTION OR PURCHASE OF PLANT**

*At				
*At	meeting	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		225,000
2.	Municipal buildings		1,800,000
3.			
			TOTAL <u>2,025,000</u>

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

**CHANGES IN THE PROPERTY**

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

**In Electric property:**

The Department continues to upgrade its 5kV system to 13.8 kV, as a result, system reliability will be increased for the foreseeable future.

We have continued to replace air circuit breakers, replacement will allow us to continue to utilize our current substation configuration to its full potential well into the future.

During calendar 2014, construction has begun on a new 115kV new substation with a new tap on a different transmission line. It is anticipated that the new substation will be carrying load before the end of calendar year 2015.

**In Gas property:**

We continue to take gas through our new meter and regulator facility. We also have continued the process of replacement of cast iron mains with plastic mains as well as upgrading & replacing bare steel gas service lines with plastic.

Bonds (Issued on Account of Gas or Electric Lighting.)						
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest When Payable	Amount Outstanding at End of Year
			Amounts	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				-



**Town Notes**

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Rate	Interest When Payable	Amount Outstanding at End of Year
			Amounts	When Payable			
Nov-1904	Dec-1904	\$ 3,300					-
Nov-1905	Sep-1905	5,000					-
Jun-1913	Jul-1913	4,000					-
Mar-1914	May-1914	6,000					-
Jun-2012	Oct-2012	7,700,000	\$ 385,000	Semi-Annually & At Maturity	2.46%	Monthly	7,315,000
	TOTAL	\$ 7,718,300				TOTAL	\$ 7,315,000

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

\* Date of meeting and whether regular or special

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



1. Report below the cost of utility plant in service according to prescribed accounts		TOTAL COST OF PLANT - ELECTRIC						
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.		Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)	
Line No.	Account (a)							
1	1. INTANGIBLE PLANT							
2							NONE	
3								
4		-	-	-	-	-	-	
5	2. PRODUCTION PLANT							
6	A. Steam Production						NONE	
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	-	-	-	-	-	-	

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

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						NONE
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	-	-	-	-	-	-
10	D. Other Production Plant						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	-	-	-	-	-	-

TOTAL COST OF PLANT - ELECTRIC (Concluded)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)	
1	4. DISTRIBUTION PLANT							
2	360 Land and Land Rights	208,522	-	-			208,522	
3	361 Structures and Improvements	6,572,835	35,369	-			6,608,204	
4	362 Station Equipment	6,067,745	1,495,721	-			7,563,466	
5	363 Storage Battery Equipment	-	-	-			-	
6	364 Poles Towers and Fixtures	1,872,073	230,892	17,622			2,085,343	
7	365 Overhead Conductors and Devices	5,894,472	945,271	11,614			6,828,129	
8	366 Underground Conduit	2,352,661	1,014,444	-			3,367,105	
9	367 Underground Conductors and Devices	6,209,793	639,772	28,604			6,820,961	
10	368 Line Transformers	3,483,924	432,185	13,498			3,902,611	
11	369 Services	1,007,110	42,816	10,042			1,039,884	
12	370 Meters	1,036,449	10,200	4,867			1,041,782	
13	371 Installations on Customer's Premises	124,822	3,420	6,249			121,993	
14	372 Leased Prop on Customer's Premises	-	-	-			-	
15	373 Streetlight and Signal Systems	692,112	154,843	69,305			777,650	
16	Total Distribution Plant	35,522,518	5,004,933	161,801	-	-	40,365,650	
17	5. GENERAL PLANT							
18	389 Land and Land Rights	500	-	-			500	
19	390 Structures and Improvements	-	-	-			-	
20	391 Office Furniture and Equipment	363,328	30,425	28,878			364,875	
21	392 Transportation Equipment	142,837	280,966	24,495			399,308	
22	393 Stores Equipment	18,012	-	-			18,012	
23	394 Tools, Shop and Garage Equipment	109,804	1,409	-			111,213	
24	395 Laboratory Equipment	3,475	-	-			3,475	
25	396 Power Operated Equipment	-	-	-			-	
26	397 Communication Equipment	97,786	34,675	1,049			131,412	
27	398 Miscellaneous Equipment	95,494	2,955	2,559			95,890	
28	399 Other Tangible Property	-	-	-			-	
29	Total General Plant	831,236	350,430	56,981	-	-	1,124,685	
30	Total Electric Plant in Service	36,353,754	5,355,363	218,782	-	-	41,490,335	
31	Total Cost of Electric Plant.....							41,490,335
32	Less Cost of Land, Land Rights, Rights of Way.....							209,022
33	Total Cost upon which Depreciation is based .....							41,281,313
34	The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.							

**TOTAL COST OF PLANT - GAS**

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	365 Land and Land Rights	218,905	-				218,905
3	366 Structures and Improvements	3,928,017	11,790	-			3,939,807
4	367 Mains	14,209,310	1,412,685	21,241			15,600,754
5	369 Measuring & Regulating Equipment	157,840	60,845	-			218,685
6	380 Services	5,452,168	518,756	50,540			5,920,384
7	381 Meters	1,154,812	213,835	42,429			1,326,218
8	382 Meter Installation	812,427	420,233	44,461			1,188,199
16	Total Distribution Plant	25,933,479	2,638,144	158,671			28,412,952
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-			500
19	390 Structures and Improvements	-	-	-			-
20	391 Office Furniture and Equipment	121,064	6,924	9,700			118,288
21	392 Transportation Equipment	232,835	26,849	52,469			207,215
22	393 Stores Equipment	7,925	-	-			7,925
23	394 Tools, Shop and Garage Equipment	199,666	27,688	4,323			223,031
24	395 Laboratory Equipment	36,550	-	-			36,550
25	396 Power Operated Equipment	-	-	-			-
26	397 Communication Equipment	24,396	44,338	1,049			67,685
27	398 Miscellaneous Equipment	57,952	-	3,758			54,194
28	399 Other Tangible Property	-	-	-			-
29	Total General Plant	680,888	105,799	71,299			715,388
30	Total Cost Gas Plant in Service	26,614,367	2,743,943	229,970			29,128,340
31							
33							
34							

The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.

Total Cost of Gas Plant.....  
 Less Cost of Land, Land Rights, Rights of Way.....  
 Total Cost upon which Depreciation is based .....

## Annual Report of the Town of Wakefield Municipal Gas &amp; Light Department

**COMPARATIVE BALANCE SHEET Assets and Other Debits**

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	<b>UTILITY PLANT</b>			
2	101 Utility Plant - Electric (P. 17)	12,516,098	15,075,443	2,559,345
3	101 Utility Plant - Gas (P. 20)	17,168,534	18,820,991	1,652,457
4				
5	Total Utility Plant	29,684,632	33,896,434	4,211,802
6				
7				
8				
9				
10				
11	<b>FUND ACCOUNTS</b>			
12	125 Sinking Funds	333,910	334,525	615
13	126 Depreciation Fund (P. 14)	1,684,618	184,655	(1,499,963)
14	128 Other Special Funds	-	-	-
15	Total Funds	2,018,528	519,180	(1,499,348)
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14)	(6,361,211)	(5,655,899)	705,312
18	132 Special Deposits	1,081,581	1,136,825	55,244
19	135 Working Funds	700	700	-
20	141 Notes Receivable	-	-	-
21	142 Customer Accounts Receivable	4,667,730	4,955,751	288,021
22	143 Other Accounts Receivable	291,431	27,188	(264,243)
23	146 Receivables from Municipality	243,015	-	(243,015)
24	151 Materials and Supplies (P. 14)	869,551	901,859	32,308
25				
26	165 Prepayments	4,815,972	3,789,820	(1,026,152)
27	174 Miscellaneous Current Assets	-	-	-
28	Total Current and Accrued Assets	5,608,769	5,156,244	(452,525)
29	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount	-	-	-
31	182 Extraordinary Property Losses	-	-	-
32	185 Other Deferred Debits	-	-	-
33	Total Deferred Debits	-	-	-
34				
35	Total Assets and Other Debits	37,311,929	39,571,858	2,259,929

## Annual Report of the Town of Wakefield Municipal Gas &amp; 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	333,909	334,525	616
5	206	Loans Repayment	1,813,300	1,813,300	-
6	207	Appropriations for Construction Repayments	51,633	51,633	-
7	208	Unappropriated Earned Surplus (P. 12)	21,846,760	20,975,756	(871,004)
8		Total Surplus	24,045,602	23,175,214	(870,388)
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	-	-	-
11	231	Notes Payable (P. 7)	7,700,000	7,315,000	(385,000)
12		Total Bonds and Notes	7,700,000	7,315,000	(385,000)
13		<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232	Accounts Payable	345,535	339,374	(6,161)
15	234	Payables to Municipality	-	-	-
16	235	Customers' Deposits	1,081,581	1,136,825	55,244
17	236	Taxes Accrued	-	-	-
18	237	Interest Accrued	-	-	-
19	242	Miscellaneous Current and Accrued Liabilities	636,256	3,617,330	2,981,074
20		Total Current and Accrued Liabilities	2,063,372	5,093,529	3,030,157
21		<b>DEFERRED CREDITS</b>			
22	251	Unamortized Premium on Debt	-	-	-
23	252	Customer Advances for Construction	-	-	-
24	253	Other Deferred Credits	-	-	-
25		Total Deferred Credits	-	-	-
26		<b>RESERVES</b>			
27	260	Reserves for Uncollectible Accounts	556,200	723,060	166,860
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	556,200	723,060	166,860
33		<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271	Contributions in Aid of Construction	2,946,755	3,265,055	318,300
35		Total Liabilities and Other Credits	37,311,929	39,571,858	2,259,929

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 &amp; Light Department

**STATEMENT OF INCOME FOR THE YEAR**

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)	41,267,780	4,683,478
3	Operating Expenses:		
4	401 Operation Expense (P. 42 and 47)	36,210,653	3,842,758
5	402 Maintenance Expense	1,409,012	(130,526)
6	403 Depreciation Expense	2,659,304	183,625
7	407 Amortization of Property Losses	-	-
8			
9	408 Taxes (P. 49)	607,998	61,867
10	Total Operating Expenses	40,886,967	3,957,724
11	Operating Income	380,813	725,754
12	414 Other Utility Operating Income (P. 50)	-	-
13			
14	Total Operating Income	380,813	725,754
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	560	(239,431)
17	419 Interest Income	21,561	(2,721)
18	421 Miscellaneous Nonoperating Income (P. 21)	-	-
19	Total Other Income	22,121	(242,152)
20	Total Income	402,934	483,602
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	-	-
23	426 Other Income Deductions	-	-
24	Total Income Deductions	-	-
25	Income Before Interest Charges	402,934	483,602
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 - Credit	-	-
30	431 Other Interest Expense	117,783	21,263
31	432 Interest: Charged to Construction - Credit	-	-
32	Total Interest Charges	117,783	21,263
33	<b>NET INCOME</b>	285,151	462,339
<b>EARNED SURPLUS</b>			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		21,846,760
35			
36			
37	433 Balance Transferred from Income		285,151
38	434 Miscellaneous Credits to Surplus (P. 21)		321,390
39	435 Miscellaneous Debits to Surplus (P. 21)	1,148,030	
40	436 Appropriations of Surplus (P. 21)	615	
41	437 Surplus Applied to Depreciation	328,900	
42	208 Unappropriated Earned Surplus (at end of period)	20,975,756	
43			
44	<b>TOTALS</b>	22,453,301	22,453,301

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)	\$ 28,660,797	\$ 1,287,087	\$ 12,606,983	\$ 3,396,391
3	Operating Expenses:				
4	401 Operation Expense (P.42)	24,427,017	661,503	11,783,636	3,181,255
5	402 Maintenance Expense (P. 42)	1,031,270	(64,367)	377,742	(66,159)
6	403 Depreciation Expense	1,654,438	135,791	1,004,866	47,835
7	407 Amortization of Property Losses				
8					
9	408 Taxes (P. 49)	544,565	39,760	63,433	22,106
10	Total Operating Expenses	27,657,290	772,687	13,229,677	3,185,037
11	Operating Income	1,003,507	514,400	(622,694)	211,354
12	414 Other Utility Operating Income (P.50)				
13					
14	Total Operating Income	1,003,507	514,400	(622,694)	211,354
15	<b>OTHER INCOME</b>				
16	415 Inc. from Merch., Jobbing, and Contract Work	(70,255)	(270,463)	70,815	31,033
17	419 Interest Income	20,328	(2,764)	1,233	43
18	421 Miscellaneous Income				
19	Total Other Income	(49,927)	(273,227)	72,048	31,076
20	Total Income	953,580	241,173	(550,646)	242,430
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				
22	425 Miscellaneous Amortization				
23	426 Other Income Deductions				
24	Total Income Deductions	-	-	-	-
25	Income before Interest Charges	953,580	241,173	(550,646)	242,430
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	96,162	23,515	21,621	(2,251)
31	432 Interest Charged to Construction-Credit				
32	Total Interest Charges	96,162	23,515	21,621	(2,251)
33	Net Income	857,418	217,658	(572,267)	244,681



<b>CASH BALANCES AT END OF YEAR</b>			
Line No.	Items (a)	Amount (b)	
1	Operating Fund	(5,655,899)	
2			
3			
4			
5			
6			
7			
8			
9			
10			
	<b>TOTAL</b>	<b>(5,655,899)</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)	548,078	353,781
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	548,078	353,781
<b>DEPRECIATION FUND ACCOUNT (Account 126)</b>			
Line No.	(a)	Amount (b)	
22	<b>DEBITS</b>		
23	Balance of account at beginning of year	1,684,618	
24	Income during year from balance on deposit (interest)	37	
25	Amount transferred from income (depreciation)	2,455,572	
26	Amount transferred in from surplus & other transfers in		
27			
	<b>TOTAL</b>	<b>4,140,227</b>	
28	<b>CREDITS</b>		
29	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	2,455,572	
30	Amounts expended for renewals		
31	Amounts Transferred out to operating	1,500,000	
32	Amounts paid for Bond Principal Payments	-	
33	Amount repaid to Rate Stabilization	-	
34			
35			
36			
37	Balance on hand at end of year	184,655	
38			
	<b>TOTAL</b>	<b>4,140,227</b>	

UTILITY PLANT - ELECTRIC

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

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		-					
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	-					
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	-					

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						NONE
2	330 Land and Land Rights	-	-	-			
3	331 Structures and Improvements	-	-	-			
4	332 Reservoirs, Dams and Waterways	-	-	-			
5	333 Water Wheels, Turbines and Generators	-	-	-			
6	334 Accessory Electric Equipment	-	-	-			
7	335 Miscellaneous Power Plant Equipment	-	-	-			
8	336 Roads, Railroads and Bridges	-	-	-			
9	Total Hydraulic Production Plant	-	-	-			
10	D. Other Production Plant						NONE
11	340 Land and Land Rights	-	-	-			
12	341 Structures and Improvements	-	-	-			
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						
21	Land and Land Rights	-	-	-			NONE
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	6,045,406	35,369	322,324			5,758,451
4	362 Station Equipment	661,456	1,495,721	14,612			2,142,565
5	363 Storage Battery Equipment	-	-				-
6	364 Poles Towers and Fixtures	341,760	230,892	93,604	1,680		477,368
7	365 Overhead Conductors and Devices	942,396	945,271	406,708			1,480,959
8	366 Underground Conduit	726,861	1,014,444	141,160			1,600,145
9	367 Underground Conductors and Devices	1,095,910	639,772	434,686	419		1,300,577
10	368 Line Transformers	418,847	432,185	165,486	2,348		683,198
11	369 Services	69,798	42,816	34,427	2,768		75,419
12	370 Meters	101,040	10,200	51,822	4,146		55,272
13	371 Installations on Customer's Premises	74,479	3,420	7,489			70,410
14	372 Leased Prop on Customer's Premises	-	-				-
15	373 Streetlight and Signal Systems	214,186	154,843	34,606	17,325		317,098
16	Total Distribution Plant	10,900,661	5,004,933	1,706,924	28,686		14,169,984
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-				500
19	390 Structures and Improvements	-	-				-
20	391 Office Furniture and Equipment	248,664	30,425	62,082			217,007
21	392 Transportation Equipment	93,489	280,966	28,567			345,888
22	393 Stores Equipment	13,342	-				13,342
23	394 Tools, Shop and Garage Equipment	76,285	1,409				77,694
24	395 Laboratory Equipment	75	-				75
25	396 Power Operated Equipment	-	-				-
26	397 Communication Equipment	80,864	34,675	4,889			110,650
27	398 Miscellaneous Equipment	71,055	2,955	4,775			69,235
28	399 Other Tangible Property	-	-				-
29	Total General Plant	584,274	350,430	100,313			834,391
30	Total Electric Plant in Service	11,484,935	5,355,363	1,807,237	28,686		15,004,375
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	1,031,164	1,060,656		2,020,752		71,068
34	Total Utility Plant Electric	12,516,099	6,416,019	1,807,237	2,049,438		15,075,443

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

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

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil					
			NUMBER 2 DIESEL		NATURAL GAS			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)		
1	On Hand Beginning of Year	\$ -	-	\$ -	-	-	-	
2	Received During Year	-	-	-	-	-	-	
3	TOTAL	\$ -	-	\$ -	-	\$ -	-	
4	Used During Year (Note A)	-	-	-	-	-	-	
5		-						
6		-						
7		-						
8		-						
9		-						
10		-						
11	Sold or Transferred	-						
12	TOTAL DISPOSED OF	-						
13	BALANCE END OF YEAR	\$ -					\$ -	
Kinds of Fuel and Oil - continued								
Line No.	Item (g)	Total Cost (b)	LUBE OIL					
			Quantity (h)	Cost (i)	Quantity (j)	Cost (k)		
14	On Hand Beginning of Year	\$ -	-	\$ -	-	-	-	
15	Received During Year	-	-	-	-	-	-	
16	TOTAL	\$ -	-	\$ -	-	-	-	
17	Used During Year (Note A)	-	-	-	-	-	-	
18		-						
19		-						
20		-						
21		-						
22		-						
23		-						
24	Sold or Transferred	-						
25	TOTAL DISPOSED OF	-						
26	BALANCE END OF YEAR	\$ -					\$ -	

Note A - Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

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

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

UTILITY PLANT - GAS

1. Report below the cost of utility plant in service according to prescribed accounts negative effect of such amounts.  
 2. Do not include as adjustments, corrections of additions and retirements for the current or be enclosed in parentheses to indicate the

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
<b>UTILITY PLANT -- GAS</b>							
1	4. DISTRIBUTION PLANT						
2	365 Land and Land Rights	218,905	-	-	-		218,905
3	366 Structures and Improvements	3,037,499	11,790	177,492	-		2,871,797
4	367 Mains	9,425,670	1,412,685	491,202	-		10,347,153
5	369 Measuring & Regulating Equipment	126,309	60,845	6,314	-		180,840
6	380 Services	2,866,379	518,756	218,087	18,712		3,148,336
7	381 Meters	473,056	213,835	46,192	16,975		623,724
8	382 Meter Installation	631,157	420,233	32,497	-		1,018,893
16	Total Distribution Plant	16,778,975	2,638,144	971,784	35,687	-	18,409,648
17	5. GENERAL PLANT						
18	389 Land and Land Rights	500	-	-	-		500
19	390 Structures and Improvements	-	-	-	-		-
20	391 Office Furniture and Equipment	82,177	6,924	21,123	-		67,978
21	392 Transportation Equipment	128,931	26,849	46,567	-		109,213
22	393 Stores Equipment	4,871	-	396	-		4,475
23	394 Tools, Shop and Garage Equipment	100,430	27,688	9,983	-		118,135
24	395 Laboratory Equipment	17,040	-	1,828	-		15,212
25	396 Power Operated Equipment	-	-	-	-		-
26	397 Communication Equipment	19,912	44,338	1,220	-		63,030
27	398 Miscellaneous Equipment	35,698	-	2,898	-		32,800
28	399 Other Tangible Property	-	-	-	-		-
29	Total General Plant	389,559	105,799	84,015	-		411,343
30	Total Electric Plant in Service	17,168,534	2,743,943	1,055,799	35,687	-	18,820,991
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	17,168,534	2,743,943	1,055,799	35,687	-	18,820,991

<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	44,292
17		
18	MMWEC Surplus Funds Refund	277,098
19		
20		
21		
22		
23	<b>TOTAL</b>	321,390
<b>MISCELLANEOUS DEBITS TO SURPLUS (Account 435)</b>		
Line No.	Item (a)	Amount (b)
24		
25	Payments in Lieu of Taxes - Payments to Town	822,628
26		
27	Other Surplus Transfers to Town	325,402
28		
29		
30		
31		
32	<b>TOTAL</b>	1,148,030
<b>APPROPRIATIONS OF SURPLUS (Account 436)</b>		
Line No.	Item (a)	Amount (b)
33		
34	Surplus applied to Sinking Fund	615
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	615



**MUNICIPAL REVENUES (Account 482,444)**  
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)
1	482	Municipal Gas	\$ 37,228,800	\$ 683,137	\$ 18.3497
2					
3					
4					
		<b>TOTALS</b>	37,228,800	683,137	18.350
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)
5	444	Power Sales to Public Authorities	\$ 7,251,793	\$ 1,088,129	\$ 0.1500
6					
7					
8					
9					
10					
11		<b>TOTALS</b>	7,251,793	1,088,129	0.1500
12	444	Public Sales - Highway Lighting	1,334,034	\$ 213,131	\$ 0.1598
13					
14					
15					
16					
17		<b>TOTALS</b>	1,334,034	213,131	0.1598
		<b>TOTALS</b>	8,585,827	1,301,260	0.1516

**PURCHASED POWER (Account 555)**

Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)				
18	See Pages 54 and 55								
19									
20									
21									
22									
23									
24									
25									
26						<b>TOTALS</b>	-	-	-

**SALES FOR RESALE (Account 447)**

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)				
27	NONE								
28									
29									
30									
31									
32									
33									
34						<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

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)	
<b>SALES OF ELECTRICITY</b>								
1	440 Residential Sales	12,143,458	609,983	80,411,214	(1,039,619)	10,685	200	
2	442 Commercial and Industrial Sales:							
3	Small or Commercial	2,505,111	77,646	15,234,403	(516,086)	1,534	(8)	
4	Large or Industrial Sales	11,882,100	1,072,404	84,826,160	3,086,206	245	4	
5	444 Municipal Sales	1,301,260	57,257	9,936,826	1,536,256	144	5	
6	445 Other Sales to Public Authorities	-	-	-	-	-	-	
7	446 Sales to Railroads and Railways	-	-	-	-	-	-	
8	448 Interdepartmental Sales	-	-	-	-	-	-	
9	449 Miscellaneous Sales	-	-	-	-	-	-	
10	<b>Total Sales to Ultimate Consumers</b>	<b>27,831,929</b>	<b>1,817,290</b>	<b>190,408,603</b>	<b>3,066,757</b>	<b>12,608</b>	<b>201</b>	
11	Sales for Resale	-	-	-	(549,074)	-	-	
12	<b>Total Sales of Electricity*</b>	<b>27,831,929</b>	<b>1,817,290</b>	<b>190,408,603</b>	<b>2,517,683</b>	<b>12,608</b>	<b>201</b>	
<b>OTHER OPERATING REVENUES</b>								
13	450 Forfeited Discounts	165,205	2,886					
14	451 Miscellaneous Service Revenues	-	-					
15	453 Sales of Water and Water Power	-	-					
16	454 Rent from Electric Property	-	-					
17	455 Interdepartmental Rents	-	-					
18	456 Other Electric Revenues	663,663	(466,541)					
19								
20								
21								
22								
23								
24								
25	<b>Total Other Operating Revenues</b>	<b>828,868</b>	<b>(463,655)</b>					
26	<b>Total Electric Operating Revenue</b>	<b>28,660,797</b>	<b>1,353,635</b>					
								\$ 27,831,929
								Total KWH to which applied 187,723,570

\* Includes revenues from application of fuel clauses \$

**SALES OF ELECTRICITY 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)	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	80,411,214	12,143,458	0.1510	10,672	10,804
2	442	Commercial Sales	15,234,403	2,414,041	0.1585	1,540	1,537
3	442-1	Power Sales	84,826,160	11,882,100	0.1401	245	245
4	444	Public Sales - Highway Lighting	1,334,034	213,131	0.1598	-	-
5	444	Other Sales to Public Authorities	7,251,793	1,088,129	0.1500	143	144
6	451	Private Area Lighting	1,350,999	91,070	0.0674	-	-
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47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 37 Line 11)		190,408,603	27,831,929	0.1462	12,600	12,730

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

1. Enter in the space provided the operation and maintenance expenses for the year

2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<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 of reservoirs, dams and waterways	-	-
6	544 Maintenance of electric plant	-	-
7	545 Maintenance of miscellaneous hydraulic plant	-	-
8	Total maintenance	-	-
9	Total power production expenses - hydraulic power	-	-
10	<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	19,535,384	431,942
27	556 System control and load dispatching	-	-
28	557 Other expenses	-	-
29	Total other power supply expenses	19,535,384	431,942
30	Total power production expenses	19,535,384	431,942
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)	567,856	284,044
5	582 Station expenses	152,399	(144,176)
6	583 Overhead line expenses	248,890	(55,931)
7	584 Underground line expenses	31,412	17,500
8	585 Street lighting and signal system expenses	76,447	18,112
9	586 Meter expenses	8,130	910
10	587 Customer installations expenses	16,816	9,911
11	588 Miscellaneous distribution expenses	75,835	3,557
12	589 Rents	-	-
13	Total operation	1,177,785	133,927
14	Maintenance:		
15	590 Maintenance supervision and engineering	-	-
16	591 Maintenance of structures	73,830	73,235
17	592 Maintenance of station equipment	4,652	1,446
18	593 Maintenance of overhead lines	753,793	(67,198)
19	594 Maintenance of underground lines	48,275	(13,101)
20	595 Maintenance of line transformers	16,749	8,335
21	596 Maintenance of street lighting and signal systems	-	-
22	597 Maintenance of meters	-	-
23	598 Maintenance of miscellaneous distribution plant	-	-
24	Total maintenance	897,299	2,717
25	Total distribution expenses	2,075,084	136,644
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	54,921	(569)
30	903 Customer records and collection expenses	416,719	75,875
31	904 Uncollectible accounts	146,600	86,089
32	905 Miscellaneous customer accounts expenses	-	-
33	Total customer accounts expenses	618,240	161,395
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	-	-
37	912 Demonstrating and selling expenses	-	-
38	913 Advertising expenses	106,960	59,727
39	916 Miscellaneous sales expenses	-	-
40	Total sales expenses	106,960	59,727
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	541,388	(58,456)
44	921 Office supplies and expenses	378,448	71,653
45	922 Administrative expenses transferred - Cr	-	-
46	923 Outside services employed	238,873	(150,439)
47	924 Property insurance	19,281	(4,788)
48	925 Injuries and damages	147,995	(53,712)
49	926 Employee pensions and benefits	1,419,018	(1,650)
50	928 Regulatory commission expenses	-	-
51	929 Store Expense	-	-
52	930 Miscellaneous general expenses	243,645	71,905
53	931 Rents	-	-
54	Total operation	2,988,648	(125,487)

<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	133,971	(67,084)
4	Total administrative and general expenses	3,122,619	(192,571)
5	Total Electric Operation and Maintenance Expenses	25,458,287	597,137

<b>SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES</b>				
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	19,535,384	-	19,535,384
13	Total power production expenses	19,535,384		19,535,384
14	Transmission Expenses	-		-
15	Distribution Expenses	1,177,785	897,299	2,075,084
16	Customer Accounts Expenses	618,240	-	618,240
17	Sales Expenses	106,960	-	106,960
18	Administrative and General Expenses	2,988,648	133,971	3,122,619
19	Total Electric Operation and			
20	Maintenance Expenses	24,427,017	1,031,270	25,458,287

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)	94.60%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.	1,379,864
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)	27.7 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

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	8,875,723	2,398,343	425,065.5	51,444	5,969	181		
3	481 Commercial and Industrial Sales:								
4	Small or Commercial	2,925,004	846,888	143,887.9	20,962	643	(1)		
5	Large or Industrial Sales	-	-	-	-	-	-		
6	482 Municipal Sales (P. 22)	683,137	138,907	37,228.8	8,268	44	(1)		
7	483 Other Sales	-	-	-	-	-	-		
8	485 Miscellaneous Gas Sales	-	-	-	-	-	-		
9	<b>Total Sales to Ultimate Consumers</b>	<b>12,483,864</b>	<b>3,384,138</b>	<b>606,182.2</b>	<b>80,674.5</b>	<b>6,656</b>	<b>179</b>		
10	Sales for Resale	-	-	-	-	-	-		
11	<b>Total Sales of Gas*</b>	<b>12,483,864</b>	<b>3,384,138</b>	<b>606,182.2</b>	<b>80,674.5</b>	<b>6,656</b>	<b>179</b>		
12	<b>OTHER OPERATING REVENUES</b>								
13	487 Forfeited Discounts	45,588	7,721	-	-	-	-		
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	77,531	4,532	-	-	-	-		
21	Total Other Operating Revenues	123,119	12,253	-	-	-	-		
22	Total Gas Operating Revenues	12,606,983	3,396,391	-	-	-	-		
23									
24									

\* Includes revenues from application of fuel clauses \$ 12,483,864

Total MCF to which applied 606,182.2



**SALES OF GAS TO ULTIMATE CONSUMERS**

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

Line No.	Account No.	Schedule (a)	M. C. F. Sold (b)	Revenue (c)	Average Revenue per M.C.F. (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	480	Residential Sales	31,739.8	774,941	24.4154	1,643	1,600
2	480	Gas Heating Sales	521,252.1	10,678,893	20.4870	4,802	5,080
3	481	Commercial & Industrial	15,961.5	346,893	21.7331	116	117
4	482	Sales to Public Authorities	37,228.8	683,137	18.3497	44	43
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47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (page 43 Line 9)		606,182.2	12,483,864	20.5942	6,605	6,840

**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	9,905,115	3,922,557
5	Maintenance:	-	-
6	Total other gas supply expenses	-	-
7	Total production expenses	9,905,115	3,922,557
8	Total Operation	9,905,115	3,922,557
9	<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>		
10	Operation:		
11	850 Operation supervision and engineering	304,737	4,927
10	851 System control and load dispatching	-	-
11	852 Communication system expenses	-	-
12	853 Compressor station labor and expenses	119,620	(53,439)
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	109,865	47,242
17	878 Meter and house regulator expenses	4,322	1,115
18	879 Customer installations expenses	110,977	(54,038)
19	880 Other expenses	70,361	6,907
20	881 Rents	-	-
21	Total Operation	719,882	(47,286)
22	Maintenance:		
23	885 Maintenance supervision and engineering	-	-
24	886 Maintenance of structures and improvements	-	-
25	887 Maintenance of mains	221,609	(94,708)
26	888 Maintenance of compressor station	-	-
27	889 Maintenance of measuring and regulating station equip	-	-
28	892 Maintenance of services	-	-
29	893 Maintenance of meters and house regulators	48,397	12,495
30	894 Maintenance of other equipment	14,061	7,733
31	Total Maintenance	284,067	(74,480)
32	Total Transmission and Distribution	1,003,949	(121,766)
33	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
34	Operation:		
35	901 Supervision	-	-
36	902 Meter reading expenses	18,452	(124)
37	903 Customer records and collection expenses	138,742	25,059
38	904 Uncollectable accounts	175,368	138,151
39	905 Miscellaneous customer accounts expenses	-	-
40	Total Customer Accounts Expense	332,562	163,086
41	<b>SALES EXPENSES</b>		
42	Operation:		
43	911 Supervision	-	-
44	912 Demonstrating and selling expenses	-	-
45	913 Advertising expenses	16,473	(5,877)
46	916 Miscellaneous sales expenses	-	-
47	Total Sales Expenses	16,473	(5,877)

<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	183,290	(16,658)
4	921 Office supplies and expenses	126,019	25,077
5	922 Administrative expenses transferred -Cr.	-	-
6	923 Outside services employed	43,040	(753,124)
7	924 Property insurance	6,427	(1,596)
8	925 Injuries and damages	38,901	140
9	926 Employees pensions and benefits	353,912	(52,073)
10	928 Regulatory commission expenses	-	-
11	929 Duplicate charges-Cr.	-	-
12	930 Miscellaneous general expenses	58,015	(52,991)
13	931 Rents	-	-
14	Total Operation	809,604	(851,225)
15	Maintenance:		
16	932 Maintenance of general plant	93,675	8,321
17	Total Maintenance	93,675	8,321
18	Total Administrative and General Expenses	903,279	(842,904)
19	Total Gas Operation and Maintenance Expense	12,161,378	3,115,096

<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	9,905,115	-	9,905,115
21	Total Production expenses	9,905,115	-	9,905,115
22	Local storage expenses	-	-	-
23	Transmission and distribution expenses	719,882	284,067	1,003,949
24	Customer accounts expenses	332,562	-	332,562
25	Sales expenses	16,473	-	16,473
26	Administrative and general expenses	809,604	93,675	903,279
27	Total gas operation and maintenance	11,783,636	377,742	12,161,378
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			104.44%
29	Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts.			1,583,732
30	Total number of employees of gas department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			14.9 FTE.'s

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

**SALES FOR RESALE (Account 483)**

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

**SALE OF RESIDUALS (Accounts 730, 731)**

State the revenues and expenses of the respondent resulting from the sale of residuals.

Line No.	Kind (a)	Revenue (b)	Inventory Cost (c)	Labor, Handling, Selling, Etc. (d)	Other (e)	Total Cost (f)	Net Revenue (g)
7							
8							
9			NONE				
10							
11							
12	<b>TOTALS</b>						-

**PURCHASED GAS (Accounts 804 - 806)**

Line No.	Names of Companies From Which Gas is Purchased (a)	Where Received and Where and How Measured (b)	M.C.F (1,000 BTU) (c)	Rate Per M.C.F (d)	Amount (e)	
13						
14	Sprague Energy	480 North Avenue, Meter house in rear of Fire Station on Oak Street,	630,944	\$ 14.0039	\$ 8,835,692	
15		Greenwood, Meter house on Salem Street near Wakefield/Lynnfield town line, Meter house on Broadway	1,727	\$ 18.7939	\$ 32,457	
16	National Grid					
17						
18						
19	All 4 locations above are metered					
20	<b>TOTALS</b>			632,671	14.0170	8,868,149

**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	\$ 607,998	\$ 544,565	\$ 63,433					
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33	TOTALS	\$ 607,998	\$ 544,565	\$ 63,433					

**OTHER UTILITY OPERATING INCOME (Account 414)**

Report below the particulars called for in each column

Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1	NONE				
2					
3					
4					
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46		TOTALS	\$ -	\$ -	\$ -

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

<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	205,741	88,558		294,299
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	205,741	88,558	-	294,299
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	275,996	17,743		
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
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44					
45					
46					
47					
48					
49	TOTAL COSTS AND EXPENSES	275,996	17,743	-	293,739
50	Net Profit (or loss)	(70,255)	70,815	-	560

SALES FOR RESALE (Account 447)

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

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

For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,

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

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

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

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2	Peabody Municipal	Municipality	NO	Consumer Premises		N/A	N/A	N/A
3	Light Department							
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
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15								
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18								
19								
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26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41	* Winter period contract demand.							
42								







PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)

If power is at a substation indicate ownership  
as: respondent owned or leased, RS; seller  
d, SS.  
Number of kilowatts of maximum demand  
on power contract as a basis of billing, this  
be shown in column (f). The number of  
maximum demand to be shown in columns (g)  
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.

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)		
115,000 V				4,313	4,313	N/A	1
115,000 V	8,978,777	70,906	44,176	268,766	383,848	\$0.0428	2
115,000 V	582,922	195,502	91,732	9,267	296,501	\$0.5086	3
115,000 V	7,864,170	504,233	906,356	7,880	1,418,469	\$0.1804	4
115,000 V	645,182	28,681	4,615	41	33,337	\$0.0517	5
115,000 V	5,836,067	300,216	39,890	5,255	345,361	\$0.0592	6
115,000 V	13,358,220	1,084,466	91,694	12,028	1,188,188	\$0.0889	7
115,000 V	15,815,852	985,162	112,994	999	1,099,155	\$0.0695	8
115,000 V	2,200,234	144,352	15,766	139	160,257	\$0.0728	9
115,000 V	943,911	204,299	163,517	3,100	370,916	\$0.3930	10
115,000 V	20,690,325	1,740,635	148,082	1,308	1,890,025	\$0.0913	11
115,000 V				2,894,769	2,894,769	N/A	12
	95,167,100		5,880,658	-	5,880,658	\$0.0618	13
115,000 V	4,655,263			645,000	645,000	\$0.1386	14
115,000 V	3,119,191		160,326	505	160,832	\$0.0516	15
							16
							17
							18
							19
							20
							21
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							26
							27
							28
							29
							30
							31
							32
							33
							34
							35
							41
TOTALS:	\$ 179,857,214	\$ 5,258,452	\$ 7,659,806	\$ 3,853,370	\$ 16,771,629		42

INTERCHANGE POWER (Included in Account 555)

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, 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.

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.  
 2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).  
 3. Particulars of settlements for interchange power

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

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours		Net Difference (g)	Amount of Settlement (h)
					Received (a)	Delivered (f)		
1	NEPEX				206,201,350	184,912,570	21,288,780	2,529,827
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	206,201,350	184,912,570	21,288,780	2,529,827

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	2,261,856
14		NEPOOL EXPENSE	267,971
15			
16			
17			
18			
19			
20			
21		TOTAL	2,529,827

**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	179,857,214
9	(In gross)	206,201,350
10	Interchanges	184,912,570
11	( Net (Kwh)	21,288,780
12	( Received	-
13	Transmission for/by others (wheeling)	-
14	( Net (Kwh)	-
15	<b>TOTAL</b>	<b>201,145,994</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to ultimate consumers (including interdepartmental sales)	190,408,603
18	Sales for resale	0
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	
21	Electric department only	1,869,175
22	Energy losses	
23	Transmission and conversion losses	-
24	Distribution losses	8,868,216
25	Unaccounted for losses	-
26	Total energy losses	8,868,216
27	Energy losses as percent of total on line 15	4.41%
28	<b>TOTAL</b>	<b>201,145,994</b>

**MONTHLY PEAKS AND OUTPUT**

- 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.
- Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.
- State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)
- 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.
- If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

**Town of Wakefield**

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	36,489	Thursday	2	6:00 PM	60 min	18,831,381
30	February	32,021	Tuesday	11	7:00 PM	60 min	16,299,315
31	March	31,953	Monday	3	7:00 PM	60 min	17,208,502
32	April	25,570	Tuesday	1	8:00 PM	60 min	14,593,650
33	May	27,014	Monday	12	6:00 PM	60 min	14,602,290
34	June	40,219	Wednesday	25	5:00 PM	60 min	16,572,657
35	July	45,797	Wednesday	2	4:00 PM	60 min	20,420,239
36	August	41,496	Wednesday	27	5:00 PM	60 min	18,014,998
37	September	43,999	Tuesday	2	3:00 PM	60 min	16,273,058
38	October	27,569	Wednesday	15	8:00 PM	60 min	14,961,918
39	November	30,576	Wednesday	26	6:00 PM	60 min	15,574,475
40	December	33,936	Monday	8	6:00 PM	60 min	17,793,511
41						<b>TOTAL</b>	<b>201,145,994</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						
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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						
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GENERATING STATIONS

COMBUSTION ENGINE AND OTHER GENERATING STATIONS  
(Except Nuclear)

Pages 64-65

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





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

**TRANSMISSION LINE STATISTICS**

Report information concerning transmission line as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1								
2								
3		NONE						
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
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48								
49								
50								
51								
52								
<b>TOTALS</b>					-	-	-	

\* 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 Unattended	13,800	4,169		17,500	4	-			
2	Wakefield Avenue										
3											
4											
5	Matthew J Burns	Distribution Unattended	13,800	4,169		12,500	2	-			
6	Ballister Street										
7											
8											
9	Marcus Beebe Farm Street	Distribution Unattended	115,000	13,800		110,000	2	1			
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
<b>TOTALS</b>						140,000	8	1			

## OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	100.8	-	100.8
2	Added During Year	0.4		0.4
3	Retired During Year	0.3		0.3
4	Miles -- End of Year	100.9	-	100.9
5				
6				
7				
8	Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
9				
10	Three-phase, AC distribution system, 60 cycles, 13,800 volts			
11				
12				
13				
14				
15				

## ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	8,523	12,301	1,431	142,271
17	Additions during year				
18	Purchased	-			
19	Installed	224	684	48	3,312
20	Associated with utility plant acquired				
21	Total Additions	224	684	48	3,312
22	Reductions during year:				
23	Retirements & other reductions	108	255	32	32,743
24	Associated with utility plant sold				
25	Total Reductions	108	255	32	32,743
26	Number at end of year	8,639	12,730	1,447	112,840
27	In stock		1,860	141	6,342
28	Locked meters on customers' premises				
29	Inactive transformers on system			-	-
30	In customers' use		12,730	1,447	112,840
31	In company's use		6	8	414
32	Number at end of year		14,596	1,596	119,596

**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	10.5 miles 3 conductor	13,800	NONE	
2			44.2 miles of single conductor	13,800		
3			.6 miles of 3 conductor	4,160		
4			29.9 miles single conductor	4,160		
5			.3 miles of 3 conductor	230		
6			.5 miles of 2 conductor	230		
7			75.0 miles of single conductor	230		
8						
9						
10						
11						
12						
13						
14						
15						
16						
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42						
43						
44						
45						
46						
47						
48						
49			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 & Othe		H. P. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Wakefield	3,238	6	-	97	33	1	-	2,599	502
2										
3										
4										
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6										
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41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52	TOTALS	3,238	6	-	97	33	1	-	2,599	502

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	632,671	122,145	105,227	98,781	46,016	22,175
12							
13							
14	TOTAL MADE &	632,671	122,145	105,227	98,781	46,016	22,175
15	PURCHASED						
16							
17	Net Change in						
18	Holder Gas						
19	TOTAL SENDOUT	632,671	122,145	105,227	98,781	46,016	22,175
20							
21							
22	Gas Sold	606,483	115,071	107,652	97,936	74,983	38,998
23	Gas Used by Company						
24	Gas Accounted for	606,483	115,071	107,652	97,936	74,983	38,998
25	Gas Unaccounted for	26,188	7,074	(2,425)	845	(28,967)	(16,823)
26	% Unaccounted						
27	for (0.00%)	4.14%	5.79%	(2.30%)	0.86%	(62.95%)	(75.86%)
28							
29							
30	Sendout in 24 Hours						
31	in MCF						
32	Maximum MCF	6,107	6,107	5,261	5,927	2,761	1,109
33	Maximum Date	1/11/15	1/11/15	2/4/15	3/12/15	4/21/15	5/9/15
34	Minimum MCF	315	3,452	3,230	1,959	1,500	780
35	Minimum Date	10/20/14	1/6/15	2/14/15	3/22/15	4/25/15	5/23/15
36							
37							
38							
39	BTU Content of Gas						
40	Sdelivered to Customers			1042 per Cubic Foot			
41							
42							
43							
44							
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	15,294	13,393	13,805	15,536	27,098	66,261	86,940
12							
13							
14	15,294	13,393	13,805	15,536	27,098	66,261	86,940
15							
16							
17							
18							
19	15,294	13,393	13,805	15,536	27,098	66,261	86,940
20							
21							
22	18,547	12,492	12,069	11,565	15,750	36,472	64,948
23							
24	18,547	12,492	12,069	11,565	15,750	36,472	64,948
25	(3,253)	901	1,736	3,971	11,348	29,789	21,992
26							
27	(21.27%)	6.73%	12.58%	25.56%	41.88%	44.96%	25.30%
28							
29							
30							
31							
32	765	670	690	777	1,626	3,976	4,347
33	6/11/14	7/6/14	8/11/14	9/4/14	10/10/14	11/19/14	12/7/14
34	556	375	362	347	315	729	1,299
35	6/6/14	7/11/14	8/16/14	9/14/14	10/20/14	11/23/14	12/21/14
36							
37							
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50							
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"	4,333	-	475	-	3,858
5	4"	5,171	-	665	-	4,506
6	6"	1,056	-	-	-	1,056
7	10"	-	-	-	-	-
8						
9	Sub Total	10,560	-	1,140	-	9,420
10						
11	DISTRIBUTION - STEEL PIPE					
12						
13	1"	-	-	-	-	-
14	1½"	-	-	-	-	-
15	1½"	75	-	-	-	75
16	2"	11,541	-	416	-	11,125
17	3"	41,503	-	5,538	-	35,965
18	4"	115,313	-	46	-	115,267
19	6"	21,168	-	2,435	-	18,733
20	8"	3,324	-	-	-	3,324
21						
22						
23	Sub Total	192,924	-	8,435	-	184,489
24						
25	DISTRIBUTION - PLASTIC PIPE					
26						
27	1"	90	-	-	-	90
28	1½"	425	-	-	-	425
29	2"	19,549	183	-	-	19,732
30	3"	3,908	884	-	-	4,792
31	4"	59,452	22,027	-	-	81,479
32	6"	92,785	-	-	3,721	89,064
33	8"	59,279	-	-	-	59,279
34	12"	2,816	-	-	-	2,816
35						
36	Sub Total	238,304	23,094	-	3,721	257,677
37						
38	DISTRIBUTION - STEEL MAINS WELDED					
39						
40	4"	4,460	-	-	-	4,460
41	10"	4,165	-	-	-	4,165
42						
43	Sub Total	8,625	-	-	-	8,625
44						
45	Grand Totals	450,413	23,094	9,575	3,721	460,211
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:	4,914	-	6,556
3	Additions during year			
4	Purchased	-	-	440
5	Installed	208	-	-
6	Associated with utility plant acquired		-	-
7	Total Additions	208	-	440
8				
9	Reductions during year:			
10	Retirements	115	-	156
11	Associated with utility plant sold		-	-
12	Total Reductions	115	-	156
13	Number at end of year	5,007	-	6,840
14				
15	In stock			458
16	On Customers' Premises - Inactive			
17	On Customers' Premises - Active			6,840
18	In Company Use			8
19	Number at end of year			7,306
20				
21	Number of Meters Tested by State Inspectors			
22	During Year			1,376
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*

Peter D. Dion

General Manager

Manager of Electric Light

*Michael P. McCarthy*

Michael P. McCarthy

Chair

*John J. Warchol*

John J. Warchol

Secretary

*Kenneth J. Chase, Jr.*

Kenneth J. Chase, Jr.

Selectmen  
or  
Members  
of the  
Municipal  
Light  
Board

Kevin T. Haggerty

*Michael Giannattasio*

Michael Giannattasio

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 billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

**Term of Contract**

Subject to termination at any time upon notice.

**Terms and Conditions**

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

**Date Issued:**  
July 1, 2009

**Date Effective:**  
August 1, 2009

**Filed by:**

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

9 Albion Street  
Wakefield, Massachusetts 01880

MDPU No. 48  
Cancels MDTE No. 45  
Effective January 1, 2003

**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT  
DOMESTIC GAS RATE B**

**Availability**

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

**Heating Value of Gas**

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

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**Date Effective:**

August 1, 2009

**Filed by:**

Peter D. Dion, General Manager

Michael P. McCarthy, Chairman

Kenneth J. Chase, Jr.

John J. Warchol Jr.

Stephen McGrail

Kevin Haggerty

9 Albion Street

Wakefield, Massachusetts 01880

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

**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT  
GENERAL GAS RATE C**

**Availability**

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

**Heating Value of Gas**

The gas supplied hereunder shall have a thermal value of not less than 1,000 British thermal units per cubic foot (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 billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Cost of Gas Charge will not be discounted.

**Term of Contract**

Subject to termination at any time upon notice.

**Terms and Conditions**

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**Date Issued:**

July 1, 2009

**Date Effective:**

August 1, 2009

**Filed by:**

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Michael P. McCarthy, Chairman

Kenneth J. Chase, Jr.

John J. Warchol Jr.

Stephen McGrail

Kevin Haggerty

9 Albion Street

Wakefield, Massachusetts 01880

MDPU No. 50M  
Cancels MDTE No. 46  
Effective January 1, 2003

**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT  
MUNICIPAL GAS RATE D**

**Availability**

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

**Heating Value of Gas**

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

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**Terms and Conditions**

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**Date Issued:**  
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August 1, 2009

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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 charge calculation.

**Discount**

A discount of 10% will be applied to all bills paid on or before the 15th day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Energy Charge will not be discounted.

**Term of Contract**

Subject to termination at any time upon notice.

**Terms and Conditions**

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**Date Issued:**

**Date Effective:**

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August 1, 2009

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Kenneth J. Chase, Jr.  
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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  
Domestic Electric Rate A**

**Availability**

For use in stores, factories, other places of business and to others to whom the Domestic rate does not apply and where the total monthly use does not exceed 5,000 kilowatt-hours

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

**Rate**

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

**Purchased Power and Fuel Adjustment**

The amount determined under preceding provisions shall be adjusted in accordance with the Department's Purchased Power and Fuel Adjustment charge calculation.

**Discount**

A discount of 10% will be applied to all bills paid on or before the 15th day following the billing date, which is the discount expiration date, provided that all previous bills have been paid. The Customer Charge and Energy Charge will not be discounted.

**Term of Contract**

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**Terms and Conditions**

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**Date Issued:**

**Date Effective:**



July 1, 2009

August 1, 2009

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9 Albion Street  
Wakefield, Massachusetts 01880

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

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

**Availability**

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

**Rate**

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

**Billing Demand**

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

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

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

**Minimum Bill**

The Customer Charge

**Discount**

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

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

### **Purchased Power and Fuel Adjustment**

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

### **Credit for High Voltage Delivery**

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

### **Term of Contract**

Subject to termination at any time upon notice.

### **Terms and Conditions**

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