

MUNICIPAL LIGHTING PLANTS

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

Middleborough Gas and Electric Department

OF

Middleborough, Massachusetts

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2015

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

TOWN OF

MIDDLEBOROUGH

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2015

**Name of the officer to whom correspondence
should be addressed regarding this report:**

Luis Chukiu

Official title:

Business Manager

Office address:

**32 South Main Street
Middleborough, MA 02346**

The Commonwealth of Massachusetts

Department of Public Utilities

1 South Station, Boston 02110-2212

**TO THE MAYORS, SELECTMEN, MUNICIPAL LIGHT BOARDS AND MANAGERS OF
MUNICIPAL LIGHTING IN THE SEVERAL CITIES AND TOWNS IN THIS COMMONWEALTH
OPERATING GAS OR ELECTRIC LIGHT PLANTS:**

This form of the Annual Return should be filled out and one original and a duplicate copy (which may be a photocopy) should be returned to the Office of the Department of Public Utilities, 1 South Station, Boston, Massachusetts, 02110-2212 by March 31st of the year following the calendar year of the report in accordance with the statutes of the Commonwealth and the regulations of the Department made in pursuance thereof. statutes of the Commonwealth and the regulations of the Department made in pursuance thereof.

Where the word "None" truly and completely states the fact, it should be given as the answer to any particular inquiry or portion of an inquiry.

If respondent so desires, cents may be omitted in the balance sheet, income statement and supporting schedules. All supporting schedules on an even-dollar basis, however, shall agree with even-dollar amounts in the main schedules. Averages and extracted figures, where cents are important, must show cents for reasons which are apparent.

Special attention is called to the legislation in regard to the Return printed on the last page.

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Annual Report of:

For the year ended December 31, 2015

Middleborough Gas & Electric

GENERAL INFORMATION

1. Name of town (or city) making this report.

Middleboro, Massachusetts

2. * If the town (or city) has acquired a plant,

Kind of plant, whether gas or electric:

Gas and Electric

* Owner from whom purchased, if so acquired:

Middleborough Gas & Electric

* Date of votes to acquire a plant in accordance

Dec 15, 1893 and

with the provisions of Chapter 164 of the General Laws:

Dec 28, 1893

* Record of votes: First vote: Yes,

252

* Record of votes: First vote: No,

97

* Record of votes: Second vote: Yes,

601

* Record of votes: Second vote: No,

116

* Date when town (or city) began to sell gas and electricity

Approximately 1895

3. Name and address of manager of municipal lighting:

Jacqueline Crowley

32 South Main Street

Middleboro, MA 02346

4. Name and address of mayor or selectmen:

1) Stephen J. McKinnon - Middleborough, MA

2) Allin Frawley - Middleborough, MA

3) Diane Stewart - Middleborough, MA

4) Leilani Dalpe - Middleborough, MA

5) John M. Knowlton - Middleborough, MA

5. Name and address of town (or city) treasurer:

Judy MacDonald - 20 Center St., Middleboro, MA

6. Name and address of town (or city) clerk:

Allison Ferreira - 20 Center St., Middleboro, MA

7. Names and addresses of members of municipal light board:

1) Daniel Farley - Middleborough, MA

2) John F. Healey - Middleborough, MA

3) Thomas E. Murphy - Middleborough, MA

4) Terri M. Scott - Middleborough, MA

5) Lincoln D. Andrews - Middleborough, MA

8. Total valuation of estates in town (or city)
according to last State valuation:

\$2,302,033,363

9. Tax rate for all purposes during the year:

Residential

\$15.92 per 1000

Commercial

\$16.94 per 1000

10. Amount of manager's salary:

\$166,464

11. Amount of manager's bond:

None

12. Amount of salary paid to members of
municipal light board (each):

None

Middleborough Gas & Electric

SCHEDULE OF ESTIMATE

INCOME FROM PRIVATE CONSUMERS:

	Amount
From sales of gas	\$10,740,457
From sales of electricity	32,417,799

TOTAL: \$43,158,256

EXPENSES:

For operation, maintenance and repairs	40,492,819
For interest on bonds, notes or scrip	0
For depreciation fund (5 %)	2,930,761
For sinking fund requirements	
For note payments	
For bond payments	

For loss in preceding year

TOTAL: \$43,423,579

COST:

Of gas to be used for municipal buildings	563,913
Of gas to be used for street lights	0
Of electricity to be used for municipal bldgs..	1,413,636
Of electricity to be used for street lights ...	119,183
Total of the above items to be included in the tax levy	

New construction to be included in the tax levy

Total amounts to be included in the tax levy ..

\$2,096,733

CUSTOMERS

GAS:

City or Town

Number of Customers
Meters, Dec. 31

Middleboro

5,484

TOTAL: 5,484

ELECTRICITY:

City or Town

Number of Customers
Meters, Dec. 31

Middleboro

10,771

Lakeville

4,532

TOTAL: 15,303

Middleborough Gas & Electric

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT:

- *At meeting 19 , to be paid from
- *At meeting 19 , to be paid from

TOTAL: \$0

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

- 1. Street lights \$119,183
- 2. Municipal buildings \$1,977,549

TOTAL: \$2,096,733

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:

Ongoing upgrade to electric distribution system and equipment

In gas property:

Ongoing upgrade to gas distribution system and equipment

Middleborough Gas & Electric

BONDS
(Issued on Account of Gas or Electric Lighting)

Line No	When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding at end of Year
				Amounts	When Payable	Rate	When Payable	
1								
2								
3	April, 1987	March, 1988	\$1,250,000	Varies	Semi Annually	7.10	February August	\$0 Fully paid in 2000
4								
5								
6								
7	June, 1988	September 1988	\$1,500,000	Varies	Semi Annually	5.07	February August	\$0 Fully paid in 2000
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33		Total	\$2,750,000				Total	\$0

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

Middleborough Gas & Electric

TOWN NOTES
(Issued on Account of Gas or Electric Lighting)

Line No.	When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding at end of Year
				Amounts	When Payable	Rate	When Payable	
1								
2								
3		December 1999	\$709,451	Varies	Monthly	4.06	Monthly	\$ -
4								Fully paid in 2003
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33		Total	\$709,451				Total	\$ -

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

Middleborough Gas & Electric

TOTAL COST OF PLANT -- ELECTRIC

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							\$0
3		\$0	\$0	\$0	\$0	\$0	\$0
4	2. PRODUCTION PLANT						
5	A. Steam Plant Production						
6	310 Land & Land Rights	\$0					\$0
7	311 Structures and Improvements	0					0
8	312 Boiler Plant Equipment	0					0
9	313 Engines & Engine Driven Gene	0	None				0
10	314 Turbogenerator Units	0					0
11	315 Accessory Electric Equipment	0					0
12	316 Misc. Power Plant Equipment	0					0
13							0
14	Total Steam Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
15	B. Nuclear Production Plant						
16	320 Land & Land Rights	\$0					\$0
17	321 Structures & Improvements	0					0
18	322 Reactor Plant Equipment	0	None				0
19	323 Turbogenerator Units	0					0
20	324 Accessory Electric Equipment	0					0
21	325 Misc. Power Plant Equipment	0					0
22	Total Nuclear Production Plant	\$0	\$0	\$0	\$0	\$0	\$0

Middleborough Gas & Electric

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						
2	330 Land & Land Rights	\$0					\$0
3	331 Structures & Improvements	0					0
4	332 Reservoirs, Dams & Waterways	0					0
5	333 Water Wheels, Turbines & Gene	0	None				0
6	334 Accessory Electric Equipment	0					0
7	335 Misc. Power Plant Equipment	0					0
8	336 Roads, Railroads & Bridges	0					0
9	Total Hydraulic Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
10	D. Other Production Plant						
11	340 Land & Land Rights	\$0					\$0
12	341 Structures & Improvements	0					0
13	342 Fuel Holders, Producers & Acc	0					0
14	343 Prime Movers	0					0
15	344 Generators	0	2,778,233				2,778,233
16	345 Accessory Electric Equipment	0					0
17	346 Misc. Power Plant Equipment	0					0
18	Total Other Production Plant	\$0	\$2,778,233	\$0	\$0	\$0	\$2,778,233
19	TOTAL PRODUCTION PLANT	\$0	\$2,778,233	\$0	\$0	\$0	\$2,778,233
20	3. TRANSMISSION PLANT						
21	350 Land & Land Rights	\$162,052					\$162,052
22	351 Clearing Land & Rights of Way	108,562					108,562
23	352 Structures & Improvements	4,745					4,745
24	353 Station Equipment	1,740,698	9,212				1,749,909
25	354 Towers & Fixtures	0					0
26	355 Poles & Fixtures	1,671,471					1,671,471
27	356 Overhead Conductors & Device	567,989					567,989
28	357 Underground Conduit	0					0
29	358 Underground Conductors & De	61,970					61,970
30	359 Roads & Trails	697					697
31	Total Transmission Plant	\$4,318,184	\$9,212	\$0	\$0	\$0	\$4,327,396

Middleborough Gas & Electric

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	4. DISTRIBUTION PLANT							
2	360 Land & Land Rights	\$44,887					\$44,887	
3	361 Structures & Improvements	123,102					123,102	
4	362 Station Equipment	1,203,781					1,203,781	
5	363 Storage Battery Equipment	7,406					7,406	
6	364 Poles, Towers & Fixtures	3,646,056	208,766	(39,587)			3,815,234	
7	365 Overhead Conductors & Devices	11,662,757	862,809	(14,800)			12,510,766	
8	366 Underground Conduit	264,490	3,298				267,788	
9	367 Underground Conductors & Devices	2,229,324	85,039				2,314,363	
10	368 Line Transformers	9,241,532	53,396	(15,010)			9,279,918	
11	369 Services	1,735,864	40,783				1,776,647	
12	370 Meters	2,192,729	48,729	(5,860)			2,235,598	
13	371 Installations on Customer's Premises	0					0	
14	372 Leased Property on Customer's Premises	0					0	
15	373 Street Lighting & Signal Systems	555,905	5,716				561,621	
16	Total Distribution Plant	\$32,907,833	\$1,308,536	(\$75,257)	\$0	\$0	\$34,141,112	
17	4. GENERAL PLANT							
18	389 Land & Land Rights	\$0					\$0	
19	390 Structures & Improvements	\$1,490,056	\$28,151				\$1,518,207	
20	391 Office Furniture & Equipment	2,020,480	107,147	(35,200)			2,092,427	
21	392 Transportation Equipment	1,841,030	26,548	(19,274)			1,848,304	
22	393 Stores Equipment	19,164					19,164	
23	394 Tools, Shop & Garage Equipment	414,033	11,723				425,756	
24	395 Laboratory Equipment	93,859	2,154				96,013	
25	396 Power Operated Equipment	194,594	62,785				257,379	
26	397 Communication Equipment	1,059,438	21,148		0		1,080,587	
27	398 Misc. Equipment	97,577					97,577	
28	399 Other Tangible Property	389					389	
29	Total General Plant	\$7,230,620	\$259,656	(\$54,474)	\$0	\$0	\$7,435,802	
30	Total Electric Plant In Service	\$44,456,637	\$4,355,637	(\$129,731)	\$0	\$0	\$48,682,543	
31	Total Cost of Electric Plant							\$48,682,543
32								
33	Less Cost of Land, Land Rights, Right of Way							(\$316,198)
34	Total Cost upon which Depreciation is based							\$48,366,345

Middleborough Gas & Electric

TOTAL COST OF PLANT -- GAS

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	adjustment (e)	transfer (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	301 Organization	\$0					\$0
3	303 Miscellaneous Intangible Plant	0					0
4	Total Intangible Plant	\$0	\$0	\$0	\$0	\$0	\$0
5	2. PRODUCTION PLANT						
6	A. Manufactured Gas Production Plant						
7	304 Land & Land Rights	\$ 4,970					\$4,970
8	305 Structures and Improvements	37,753					37,753
9	306 Boiler Plant Equipment	-					-
10	307 Other Power Equipment	21,957					21,957
11	310 Water Gas Generating Equipment	-					-
12	311 Liquefied Petroleum Gas Equipmen	140,977					140,977
13	312 Oil Gas Generating Equipment	-					-
14	313 Generating Equipment	-					-
15	B. Other Processes						
16	315 Catalytic Cracking Equipment	-					-
17	316 Other Reforming Equipment	-					-
18	317 Purification Equipment	1,679					1,679
19	318 Residual Refining Equipment	-					-
20	319 Gas Mixing Equipment	1,012					1,012
21	320 Other Equipment	41,965					41,965
22	Total Manufactured Gas Production Plant	\$250,314	\$0	\$0	\$0	\$0	\$250,314
23	2. STORAGE PLANT						
24	360 Land & Land Rights	\$0					\$0
25	361 Structures & Improvements	5,683					5,683
26	362 Gas Holders	0					0
27	363 Other Equipment	32,607					32,607
28	Total Storage Plant	\$38,290	\$0	\$0	\$0	\$0	\$38,290

Middleborough Gas & Electric

TOTAL COST OF PLANT -- GAS - Continued

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustment (e)	Transfer (f)	Balance End of Year (g)
1	4. TRANSMISSION & DISTRIBUTION PLANT						
2	365.2 Land & Land Rights	\$5,895					\$5,895
3	365.2 Right of Way	0					0
4	366 Structures & Improvements	30,848					30,848
5	376 Gas Mains	5,876,851	287,636	(6,403)			6,158,084
6	368 Compressor Station Equipment	0					0
7	369 Measuring and Regulating Station Equipment	77,324					77,324
8	Station Equipment	0					0
9	380 Services	3,203,807	117,727	(13,500)			3,308,034
10	381 Meters	1,403,706	75,039	(14,012)			1,464,734
11	382 Meter Installations	64,470					64,470
12	385 House Regulators	5,531		(2,640)			2,891
13	386 Other Property on Customers Premises	18,925					18,925
14	387 Other Equipment	13,657					13,657
15	Total Distribution Plant	\$10,701,016	\$480,402	(\$36,555)	\$0	\$0	\$11,144,862
16	4. GENERAL PLANT						
17	389 Land & Land Rights	\$0					\$0
18	390 Structures & Improvements	1,648,696	129,627				1,778,323
19	391 Office Furniture & Equipment	551,296	43,993	(6,200)			589,088
20	392 Transportation Equipment	462,843	49,058	(48,521)			463,380
21	393 Stores Equipment	3,543					3,543
22	394 Tools, Shop & Garage Equipment	281,383	34,305				315,689
23	395 Laboratory Equipment	323,518	18,289				341,807
24	396 Power Operated Equipment	268,480					268,480
25	397 Communication Equipment	60,804					60,804
26	398 Miscellaneous Equipment	115,367					115,367
27	399 Other Tangible Property	86					86
28	Total General Plant	\$3,716,017	\$275,271	(\$54,721)	\$0	\$0	\$3,936,567
29	Total Gas Plant In Service	\$14,705,636	\$755,673	(\$91,276)	\$0	\$0	\$15,370,033
30	Total Cost of Gas Plant						\$15,370,033
31							
32	Less Cost of Land, Land Rights, Right of Way						(\$10,865)
33	Total Cost upon which Depreciation is based						\$15,359,168

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	UTILITY PLANT			
2	101 Utility Plant, Net - Electric (P.17)	\$12,884,378	\$16,751,609	\$3,867,231
3	101 Utility Plant, Net - gas (P.20)	3,158,635	3,163,436	4,801
4				\$0
5	Total Utility Plant, Net	16,043,013	19,915,045	3,872,032
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds			
13	126 Depreciation Fund (P. 14)	5,920,530	6,416,461	495,931
14	128 Other Special Funds	8,482,204	5,554,260	(2,927,943)
15	Total Funds	14,402,734	11,970,722	(2,432,012)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14)	18,738,811	19,903,870	1,165,058
18	132 Special Deposits (Pension/OPEB)	12,527,687	12,574,501	46,813
19	135 Working Funds	-	-	-
20	141 Notes Receivable	-	-	-
21	142 Customer Accounts Receivable	3,749,825	3,888,013	138,188
22	143 Other Accounts Receivable	-	-	-
23	146 Receivables from Municipality	-	-	-
24	151 Materials and Supplies (P.14)	1,823,967	1,936,961	112,994
25	163 Stores Expense	-	-	-
26	165 Prepayments	3,588,123	3,326,046	(262,076)
27	174 Miscellaneous Current Assets			
28	Total Current and Accrued Assets	40,428,413	41,629,390	1,200,978
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount	-	-	-
31	182 Extraordinary Property Losses			
32	185 Other Deferred Debits		1,664,836	1,664,836
33	Total Deferred Debits	-	1,664,836	1,664,836
34				
35	Total Assets and Other Debits	\$ 70,874,160	\$ 75,179,993	\$ 4,305,833

Middleborough Gas & Electric

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	APPROPRIATIONS			
2	201 Appropriations for Construction	\$ -	\$ -	\$ -
3	SURPLUS			
4	205 Sinking Fund Reserves	-		
5	206 Restricted for Other Employment Benefits Obligation	4,971,087	4,987,618	16,532
6	207 Appropriations for Construction Repayments	-		
7	208 Unappropriated Earned Surplus (P.12)	41,979,067	42,381,592	402,525
8	Total Surplus	46,950,154	47,369,210	419,056
9	LONG TERM DEBT			
10	221 Bonds (P.6)			
11	231 Notes Payable (P.7)	-	-	-
12	Total Bonds and Notes	-	-	-
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable	2,848,231	2,588,692	(259,538)
15	234 Payables to Municipality			
16	235 Customer' Deposits		101,430	101,430
17	236 Taxes Accrued			
18	237 Interest Accrued			
19	242 Miscellaneous Current and Accrued Liabilities	224,028	233,482	9,454
20	Total Current and Accrued Liabilities	3,072,259	2,923,605	(148,654)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt			
23	252 Customer Advances for Construction			
24	253 Other Deferred Credits	12,250,217	13,335,321	1,085,104
25	Total Deferred Credits	12,250,217	13,335,321	1,085,104
26	RESERVES			
27	260 Reserves for Uncollectible Accounts			
28	261 Property Insurance Reserve			
29	262 Injuries and Damages Reserves			
30	263 Pensions and Benefits	8,601,530	11,551,857	2,950,327
31	265 Miscellaneous Operating Reserves			
32	Total Reserves	8,601,530	11,551,857	2,950,327
33	CONTRIBUTIONS IN AID OF			
34	CONSTRUCTION			
35	271 Contributions in Aid of Construction			
36				
37	Total Liabilities and Other Credits	\$ 70,874,160	\$ 75,179,993	\$ 4,305,833

State below if any earnings 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:

For the year ended December 31, 2015

Middleboro Gas & Electric

STATEMENT OF INCOME FOR THE YEAR

Line No	Account (a)	Total	
		Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P.37 and 43)	\$ 45,848,732	\$ 3,053,279
3	Operating Expenses:		
4	401 Operation Expense (P. 42 & 47)	37,890,769	2,703,698
5	402 Maintenance Expense (P. 42 and 47)	2,602,050	17,732
6	403 Depreciation Expense	2,941,761	128,469
7	407 Amortization of Property Losses	(11,000)	(11,000)
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	43,423,579	2,838,899
11	Operating Income	2,425,153	214,380
12	414 Other Utility Operating Income (P. 50)	32,537	3,052
13			
14	Total Operating Income	2,457,690	217,432
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing and Contract Work (P.51)	272,814	(74,719)
17	419 Interest Income	133,342	394
18	421 Miscellaneous Nonoperating Income (Loss)	(14,108)	11,536
19	Total Other Income	392,048	(62,790)
20	Total Income	2,849,737	154,642
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income (Deductions)	0	0
24	Total Income Deductions	0	0
25	Income Before Interest Charges	2,849,737	154,642
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	0	0
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt-Credit	0	0
30	431 Other Interest Expense	0	0
31	432 Interest Charged to Construction - Credit	0	0
32	Total Interest Charges	0	0
33	NET INCOME	\$2,849,737	\$ 154,642

Annual Report of:

For the year ended December 31, 2015

Middleboro Gas & Electric

EARNED SURPLUS			
Line	(a)	Debits (b)	Credits (c)
No.			
34	208 Unappropriated Earned Surplus (at beginning of period)		\$ 46,950,154
35			
36			
37	433 Balance Transferred from Income		2,849,737
38	434 Miscellaneous Credits to Surplus (P. 21)		
39	435 Miscellaneous Debits to Surplus (P. 21)	2,447,213	
40	436 Appropriations of Surplus (P. 21) for OPEB		16,532
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)		47,369,210
43			
44			
	Totals	\$ 2,447,213	\$ 2,849,737

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Electric		Gas	
		Current Year (b)	Increase or (Decrease) from Preceding Year (c)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME				
2	400 Operating Revenues (P.37 and 43)	\$ 34,423,181	\$ 2,517,100	\$ 11,425,551	\$ 536,179
3	Operating Expenses:				
4	401 Operation Expense (P. 42 & 47)	28,244,418	2,180,434	9,646,351	523,265
5	402 Maintenance Expense (P. 42 and 47)	1,986,202	2,186	615,848	15,546
6	403 Depreciation Expense	2,207,022	101,553	734,739	26,916
7	407 Amortization of Property Losses	(11,000)	(11,000)		0
8					
9	408 Taxes (P. 49)	0	0	0	0
10	Total Operating Expenses	32,426,642	2,273,173	10,996,937	565,726
11	Operating Income	1,996,539	243,927	428,614	(29,547)
12	414 Other Utility Operating Income (P. 50)	28,026	1,307	4,510	1,745
13					
14	Total Operating Income	2,024,565	245,234	433,124	(27,802)
15	OTHER INCOME				
16	415 Income from Merchandising, Jobbing and Contract Work (P.51)	91,135	(75,367)	181,679	648
17	419 Interest Income	121,232	2,091	12,110	(1,698)
18	421 Miscellaneous Nonoperating Income (Loss)	61	17,852	(14,169)	(6,316)
19	Total Other Income	212,428	(55,424)	179,620	(7,366)
20	Total Income	2,236,993	189,810	612,744	(35,168)
21	MISCELLANEOUS INCOME DEDUCTIONS				
22	425 Miscellaneous, net	0	0	0	0
23	426 Other Income (Deductions)	0	0	0	0
24	Total Income Deductions	0	0	0	0
25	Income Before Interest Charges	2,236,993	189,810	612,744	(35,168)
26	INTEREST CHARGES				
27	427 Interest on Bonds and Notes		0		0
28	428 Amortization of Debt Discount and Expense		0		0
29	429 Amortization of Premium on Debt-Credit		0		0
30	431 Other Interest Expense		0	0	0
31	432 Interest Charged to Construction - Credit		0		0
32	Total Interest Charges	0	0	0	0
33	NET INCOME	\$ 2,236,993	\$ 189,810	\$ 612,744	\$ (35,168)

Middleborough Gas & Electric

CASH BALANCES AT END OF YEAR (Account 131)			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	\$	19,903,870
2	Pension Sinking Fund		7,586,883
3	Pension OPEB		4,987,618
4	Construction Fund		0
5			
6			
7			
	Total		32,478,371
MATERIALS & SUPPLIES (Accounts 151 - 159, 163) Summary Per Balance Sheet			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)		9,146
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials & Operating Supplies (Account 154)	1,497,287	362,002
17	Merchandise (Account 155)		68,526
18	Other Materials & Supplies (Account 156)		
19	Nuclear Fuel Assemblies & Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies & Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	1,497,287	439,674
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year		5,920,530
26	Income during year from balance on deposit		1,145
27	Amount transferred from income		
28	Contribution In Aid of Construction		
29			
30	Depreciation Allowance		2,941,761
31		Total	8,863,435
32			
33	CREDITS		
34			
35	Amount expended for construction purposes (Sec. 57, C. 164 of G.L.)		2,446,974
36	Amounts expended for renewals, viz:		
37			
38	Capital Improvements		
39	Principal Payments		
40			
41			
42			
43			
44	Balance on hand at end of year		6,416,461
45		Total	\$ 8,863,435
46			

UTILITY PLANT - ELECTRIC							
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						\$0
2							\$0
3		\$0	\$0	\$0	\$0	\$0	\$0
4							
5	2. PRODUCTION PLANT						
6	A. Steam Plant						
7	310 Land & Land Rights						\$0
8	311 Structures & Improvements						\$0
9	312 Boiler Plant Equipment						\$0
10	313 Engines & Engine Driven Gener	None	None				\$0
11	314 Turbogenerator Units						\$0
12	315 Accessory Electric Equipment						\$0
13	316 Misc. Power Plant Equipment						\$0
14							
15	Total Steam Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
16	B. Nuclear Production Plant						
17	320 Land & Land Rights						\$0
18	321 Structures & Improvements						\$0
19	322 Reactor Plant Equipment		None				\$0
20	323 Turbogenerator Units						\$0
21	324 Accessory Electric Equipment						\$0
22	325 Misc. Power Plant Equipment						\$0
23	Total Nuclear Production Plant	\$0	\$0	\$0	\$0	\$0	\$0

Middleborough Gas & Electric

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						
2	330 Land & Land Rights						\$0
3	331 Structures & Improvements						\$0
4	332 Reservoirs, Dams & Waterways						\$0
5	333 Water Wheels, Turbines & Gene	None	None				\$0
6	334 Accessory Electric Equipment						\$0
7	335 Misc. Power Plant Equipment						\$0
8	336 Roads, Railroads & Bridges						\$0
9	Total Hydraulic Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
10	D. Other Production Plant						
11	340 Land & Land Rights						\$0
12	341 Structures & Improvements						\$0
13	342 Fuel Holders, Producers & Accessories						\$0
14	343 Prime Movers						\$0
15	344 Generators	\$0	2,778,233				\$2,778,233
16	345 Accessory Electric Equipment						\$0
17	346 Misc. Power Plant Equipment						\$0
18	Total Other Production Plant	\$0	\$2,778,233	\$0	\$0	\$0	\$2,778,233
19	Total Production Plant	\$0	\$2,778,233	\$0	\$0	\$0	\$2,778,233
20	3. TRANSMISSION PLANT						
21	350 Land & Land Rights	\$162,052	-			-	\$162,052
22	351 Clearing Land & Rights of Way	108,562	-			-	108,562
23	352 Structures & Improvements	3,932	-	(899)		-	3,233
24	353 Station Equipment	1,054,838	9,212	(187,611)		-	876,439
25	354 Towers & Fixtures	0	-			-	0
26	355 Poles & Fixtures	28,652	-	(5,096)		-	23,556
27	356 Overhead Conductors & Devices	20,427	-	(3,633)		-	16,794
28	357 Underground Conduit	0	-			-	0
29	358 Underground Conductors & Dev	0	-			-	0
30	359 Roads & Trails	697	-			-	697
31	Total Transmission Plant	\$1,379,160	\$9,212	(\$197,039)	\$0	\$0	\$1,191,333

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (b)	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 & Land Rights	\$44,887	-			-	\$44,887
3	361 Structures & Improvements	0	-			-	0
4	362 Station Equipment	0	-			-	0
5	363 Storage Battery Equipment	465	-	(83)		-	383
6	364 Poles, Towers & Fixtures	931,158	208,766	(165,613)		-	974,310
7	365 Overhead Conductors & Devices	4,184,600	862,809	(744,262)		-	4,303,147
8	366 Underground Conduit	23,425	3,298	(4,166)		-	22,556
9	367 Underground Conductors & Dev	507,517	85,039	(90,266)		-	502,290
10	368 Line Transformers	1,967,851	53,396	(349,997)		-	1,671,250
11	369 Services	284,432	40,783	(50,588)		-	274,627
12	370 Meters	837,781	48,729	(149,006)		-	737,505
13	371 Installations on Customers Prem	0	-			-	0
14	372 Leased Property on Cust's Prem	0	-			-	0
15	373 Street Lighting & Signal Systems	71,816	5,716	(12,773)		-	64,759
16	Total Distribution Plant	\$8,853,931	\$1,308,536	(\$1,566,753)	\$0	\$0	\$8,595,714
17	5. GENERAL PLANT						
18	389 Land & Land Rights	\$0	-			-	\$0
19	390 Structures & Improvements	409,103	28,151	(72,762)		-	364,492
20	391 Office Furniture & Equipment	534,076	107,147	(94,989)		-	546,233
21	392 Transportation Equipment	830,973	26,548	(147,795)		(6,746)	702,981
22	393 Stores Equipment	928	-	(165)		-	763
23	394 Tools, Shop & Garage Equipme	124,111	11,723	(22,074)		-	113,760
24	395 Laboratory Equipment	13,017	2,154	(2,315)		-	12,856
25	396 Power Operated Equipment	63,085	62,785	(11,220)		-	114,650
26	397 Communications Equipment	509,294	21,148	(90,582)		-	439,861
27	398 Misc. Equipment	7,442	-	(1,324)		-	6,118
28	399 Other Tangible Property	21	-	(4)		-	17
29	Total General Plant	\$2,492,050	\$259,856	(\$443,290)	\$0	(\$6,746)	\$2,301,731
30	Total Electric Plant in Service	\$12,725,142	\$4,355,837	(\$2,207,022)	\$0	(\$6,746)	\$14,867,010
31	104 Utility Plant Leased to Others	\$0					\$0
32	106 Completed Construction Not Cla	0					0
33	107 Construction Work in Progress	159,236	1,884,598			(159,236)	1,884,598
34	Total Utility Plant Electric	\$12,884,378	\$6,240,235	(\$2,207,022)	\$0	(\$165,982)	\$16,751,609

Middleborough Gas & Electric

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

Line No.	Item (a)	Total Cost (b)	KINDS OF FUEL AND OIL			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year.....					
2	Received During Year.....					
3						
4	TOTAL	0	0	0	0	0
5						
6	Used During Year (Note A).....					
7						
8			NONE			
9						
10						
11	Sold or Transferred.....					
12						
13	TOTAL DISPOSED OF	0	0	0	0	0
14						
15	BALANCE END OF YEAR	0	0	0	0	0
16						
17			KINDS OF FUEL AND OIL			
18	Item (a)		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
19						
20						
21	On Hand Beginning of Year.....					
22						
23	Received During Year.....					
24						
25	TOTAL		0	0	0	0
26						
27	Used During Year (Note A).....					
28						
29						
30			NONE			
31						
32	Sold or Transferred.....					
33						
34	TOTAL DISPOSED OF		0	0	0	0
35						
36	BALANCE END OF YEAR		0	0	0	0
37						
38						
39						
40						

Middleborough Gas & Electric

UTILITY PLANT - GAS

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credit (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3			\$0	\$0	\$0	\$0	
4							
5	2. PRODUCTION PLANT						
6	A. Manufactured Gas Production Plant						
7	304 Land & Land Rights	4,970	-				4,970
8	305 Structures & Improvements	-	-				-
9	306 Boiler Plant Equipment	-	-				-
10	307 Other Power Equipment	165	-	(39)			126
11	310 Water Gas Generation Equipment	-	-				-
12	311 Liquefied Petroleum Gas Equipment	-	-				-
13	312 Oil Gas Generating Equipment	-	-				-
14	313 Generating Equipment - Other	-	-				-
15	B Process	-	-				-
16	315 Catalytic Cracking Equipment	-	-				-
17	316 Other Reforming Equipment	-	-				-
18	317 Purification Equipment	-	-				-
19	318 Residual Refining Equipment	-	-				-
20	319 Gas Mixing Equipment	-	-				-
21	320 Other Equipment	-	-				-
22	Total manufactured Gas Production Plant	5,135	\$0	(\$39)	\$0	\$0	5,096
23	3. STORAGE PLANT						
24	360 Land & Land Rights	-					-
25	361 Structures & Improvements	-					-
26	362 Gas Holders	-					-
27	363 Other Equipment	-					-
28	Total Storage	-	\$0	\$0	\$0	\$0	-

Middleborough Gas & Electric

UTILITY PLANT - GAS (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	4. DISTRIBUTION AND DISTRIBUTION PLANT						
2	365.1 Land & Land Rights	5,895	-				5,895
3	365.2 Rights of Way	-	-				-
4	366 Structures and Improvements	-	-				-
5	376 Mains	1,096,772	287,636	(256,004)			1,128,404
6	368 Compressor Station Equipment	-	-				-
7	369 Measuring and Regulating Station Equipment	-	-				-
8		-	-				-
9	380 Services	892,886	117,727	(208,414)			802,199
10	381 Meters	428,104	75,039	(99,926)			403,218
11	382 Meter Installations	1,941	-	(453)			1,488
12	385 House Regulators	1,692	-	(395)			1,297
13	386 Other Property on Customers Premises	226	-	(53)			173
14	387 Other Equipment	129	-	(30)			99
15	Total Transmission and Distribution Plant	2,427,646	\$480,402	(\$565,274)	\$0	\$0	2,342,773
16	5. GENERAL PLANT						
17	389 Land & Land Rights	-	-				-
18	390 Structures & Improvements	232,280	129,627	(54,218)			307,688
19	391 Office Furniture & Equipment	149,439	43,993	(34,881)			158,550
20	392 Transportation Equipment	131,215	49,058	(30,628)		(16,133)	133,512
21	393 Stores Equipment	72	-	(17)			55
22	394 Tools, Shop & Garage Equipment	38,328	34,305	(8,946)			63,687
23	395 Laboratory Equipment	55,239	18,289	(12,894)			60,634
24	396 Power Operated Equipment	51,587	-	(12,041)			39,546
25	397 Communications Equipment	15,422	-	(3,600)			11,822
26	398 Miscellaneous Equipment	52,272	-	(12,201)			40,071
27	399 Other Tangible Property	-	-				-
28	Total General Plant	725,854	\$275,271	(\$169,426)	\$0	(\$16,133)	615,566
29	Total Gas Plant in Service	3,158,635	\$755,673	(\$734,739)	\$0	(\$16,133)	3,163,436
30	104 Utility Plant Leased to Others	-					-
31	106 Completed Construction Not Classified	-					-
32	107 Construction Work in Progress	-					-
33	Total Utility Plant Gas	3,158,635	\$755,673	(\$734,739)	\$0	(\$16,133)	3,163,436

Middleborough Gas & Electric

MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	(a)	(b)
1	Electric Division Loss (Gain) on disposition	\$ (61)
2	Gas Division Loss (Gain) on disposition	14,169
3		
4		
5		
6		
	TOTAL	\$ 14,108
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14		
	TOTAL	\$ -
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23		
	TOTAL	\$ -
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	In Lieu of Tax Payment to the Town	743,328
25		
26	Net Pension Liability/Deferred Outflow	\$ 1,703,885
27		
28		
29		
30		
31		
32		
	TOTAL	\$ 2,447,213
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Restricted Surplus for Other Employment Benefits Obligation	\$ 16,532
35		
36		
37		
38		
39		
40		
	TOTAL	\$ 16,532

Middleborough Gas & Electric

MUNICIPAL REVENUES (Account 482,444)

(K.W.H. sold under the provisions of Chapter 269, Acts of 1927)

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenues Received (c)	Avg. Revenues per M.C.F. (.0000) (d)
1	482		40,148	\$ 563,913	\$ 14.0459
2					
3					
4		Totals	40,148	\$ 563,913	14.0459
Line No.	Acct. No.	Electric Schedule (a)	K.W.H. (b)	Revenues Received (c)	Avg. Revenues per K.W.H. (.0000) (d)
5	444	Municipals: (Other than Street Lighting)	11,278,152	\$ 1,413,636	\$ 0.1253
6					
7					
8					
9					
10					
11					
12		Total	11,278,152	1,413,636	\$ 0.1253
13	M-14	Street Lighting	866,092	119,183	\$ 0.1376
14					
15					
16					
17					
18		Total	866,092	119,183	\$ 0.1376
19					
20		Totals	12,144,244	\$ 1,532,820	\$ 0.1262
21					
22					
23					
24					

PURCHASES 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 K.W.H. (Cents) (.0000) (e)
26	MMWEC-NEPEX ISO		-10,547,445	\$ 1,760,837	\$ (0.1669)
27	MMWEC-Contract		64,938,867	5,221,458	0.0804
28	MMWEC-NYPA		13,452,456	151,442	0.0113
29	NextEra/Macquarie/Saddleback/Nstar		213,804,973	13,889,772	0.0650
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41		Totals	281,648,651	\$ 21,023,508	\$ 0.0746

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Revenues K.W.H. (Cents) (.0000) (e)
42					
43					
44					
45					
46					
47					
48					
49					
50					
51		Totals	0	\$	\$

Middleborough Gas & Electric

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 number of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.
4. Unmetered sales should be included below. the details of such sales should be given in a footnote.
5. Classification of Commercial and Industrial Sales Account 442, according to Small (or Commercial) and 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 of demand. 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)
SALES OF ELECTRICITY							
2	440 Residential Sales	\$ 16,244,738	\$ 1,328,403	126,361,724	3,805,148	13,358	24
3	442 Commercial & Industrial Sales						
4	Small (or Commercial) see instr. 5	11,324,842	(538,044)	88,607,129	(9,926,859)	1,761	(1)
5	Large (or Industrial) see instr. 5	4,665,507	790,324	44,012,998	7,090,349	22	7
6	444 Municipal Sales (P. 22)	1,715,531	877,395	12,993,063	6,769,702	113	10
7	445 Other Sales to Public Authorities	-	-	-	-	-	-
8	446 Sales to Railroads & Railways	-	-	-	-	-	-
9	448 Interdepartmental Sales	-	-	-	-	-	-
10	449 Miscellaneous Electric Sales (Streetlights)	-	-	-	-	1,082	(6)
11	Total Sales to Ultimate Consumers	33,950,618	2,458,078	271,974,914	7,738,340	16,335	35
12	447 Sales for Resale	-	-	-	-	-	-
13	Total Sales of Electricity	\$ 33,950,618	\$ 2,458,078	271,974,914	7,738,340	16,335	35
OTHER OPERATING REVENUES							
15	450 Forfeited Discounts	\$ 410,746	\$ 57,419				
16	451 Miscellaneous Service Revenues	61,816	1,804				
17	453 Sales of Water & Water Power	-	-				
18	454 Rent from Electric Property	-	-				
19	455 Interdepartmental Rents	-	-				
20	456 Other Electric Revenues	-	-				
25	Total Other Operating Revenues	472,563	59,022				
26	Total Electric Operating Revenues	\$ 34,423,181	\$ 2,517,100				
				Total KWH to which applied		266,671,339	
				* Includes revenues from application of fuel clauses		(286,910)	

Middleboro Gas & Electric

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account the K.H.W. 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 K.W.H. Cents (0.0000) (d)	Number of Customers (Per Bills Rendered)	
						July 31 (e)	December 31 (f)
1	440	Res. Light	125,164,690	\$ 16,090,532	0.1286	13,317	13,264
2	440	Res. Heat	1,197,034	154,206	0.1288	95	94
3	442	Comm. Light	20,509,214	2,916,757	0.1422	1,579	1,569
4	442	Comm. Heat	68,097,915	8,408,085	0.1235	193	192
5	443	Ind. Light	44,818	6,770	0.1511	7	7
6	443	Ind. Power	43,968,180	4,658,738	0.1060	15	15
7	444	Mun. Light	1,034,265	148,193	0.1433	88	89
8	444	Mun. Power	10,243,887	1,265,443	0.1235	24	24
9	444	Mun. St. Light	866,092	119,183	0.1376	44	45
10	444	Area St Light	848,819	182,711	0.2153	1,039	1,037
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48	TOTAL SALES TO ULTIMATE						
49	CONSUMERS (Page 37 line 11)		271,974,914	\$ 33,950,618	0.1248	16,401	16,335

Middleboro Gas & Electric

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering	\$ -	\$ -
5	501 Fuel		
6	502 Steam expenses		
7	503 Steam from other sources		None
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		None
16	512 Maintenance of boiler plant		
17	513 Maintenance of electric plant		
18	514 Maintenance of miscellaneous steam plant		
19	Total maintenance	-	-
20	Total power production expenses - steam power	-	-
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering		
24	518 Fuel		
25	519 Coolants and water		
26	520 Steam expenses		
27	521 Steam from other sources		None
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		None
36	530 Maintenance of reactor plant equipment		
37	531 Maintenance of electric plant		
38	532 Maintenance of miscellaneous nuclear plant		
39	Total maintenance	-	-
40	Total power production expenses - nuclear power	-	-
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering		
44	536 Water for power		
45	537 Hydraulic expenses		None
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
	Total operation	\$ -	\$ -

Middleboro Gas & Electric

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
1	HYDRAULIC POWER GENERATION - continued		
2	Maintenance:		
3	541 Maintenance supervision and engineering	\$ -	\$ -
4	542 Maintenance of structures		None
5	543 Maintenance of Reservoirs, dams & waterways		
6	544 Maintenance of Electric Plant		
7	545 Maintenance of miscellaneous hydraulic plant		
8	Total maintenance	-	-
9	Total power production expenses - hydraulic power	-	-
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	759	\$ 759
13	547 Fuel		
14	548 Generation Expense		
15	549 Miscellaneous other power generation expenses		
16	550 Rents		
17	Total operation	759	759
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of structures		
21	553 Maintenance of generating & electric plant	643	\$ 643
22	554 Maintenance of miscellaneous other power generation plant		
23	Total maintenance	643	643
24	Total power production expenses - other power	1,402	1,402
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power	21,023,508	3,107,485
27	556 System control & load dispatching	-	-
28	557 Other expenses	(897,683)	(990,645)
29	Total other power supply expenses	20,125,825	2,116,840
30	Total power production expenses	\$ 20,127,227	\$ 2,118,242
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	\$ 173,420	\$ 21,039
34	561 Load dispatching	-	-
35	562 Station expenses	68,053	4,624
36	563 Overhead line expenses		-
37	564 Underground line expenses		-
38	565 Transmission of electricity by others	3,446,272	(193,643)
39	566 Miscellaneous transmission expenses		-
40	567 Rents		-
41	Total operation	3,687,744	(167,980)
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	21,793	(17,706)
47	572 Maintenance of underground lines	-	-
48	573 Maintenance of miscellaneous transmission plant	-	-
49	Total maintenance	21,793	(17,706)
50	Total transmission expenses	\$ 3,709,538	\$ (185,686)

Middleboro Gas & Electric

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
DISTRIBUTION EXPENSES			
2	Operation:		
3	580 Operation supervision and engineering	\$ 102,792	\$ 4,310
4	581 Load dispatching	-	-
5	582 Station expenses	291,355	22,537
6	583 Overhead line expenses	-	-
7	584 Underground line expenses	-	-
8	585 Street lighting & signal system expenses	-	-
9	586 Meter expenses	100,713	24,537
10	587 Customer installations expenses	-	-
11	588 Miscellaneous distribution expenses	422,906	42,718
12	589 Rentals	-	-
13	Total operation	917,767	94,101
14	Maintenance:		
15	590 Maintenance supervision and engineering	102,792	4,310
16	591 Maintenance of structures	-	-
17	592 Maintenance of station equipment	3,109	(30,460)
18	593 Maintenance of overhead lines	1,701,629	41,317
19	594 Maintenance of underground lines	7,007	1,337
20	595 Maintenance of line transformers	65,095	59,420
21	596 Maintenance of street lighting & signal systems	18,746	(9,576)
22	597 Maintenance of meters	917	(1,190)
23	598 Maintenance of miscellaneous distribution plant	64,472	(45,908)
24	Total maintenance	1,963,766	19,250
25	Total distribution expenses	\$ 2,881,532	\$ 113,351
CUSTOMER ACCOUNTS EXPENSES			
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	95,831	5,780
30	903 Customer records & collection expenses	644,868	61,713
31	904 Uncollectible accounts	220,379	32,626
32	905 Miscellaneous customer accounts expenses	-	-
33	909 Energy audit expense	107,066	11,318
34	Total customer accounts expenses	1,068,145	111,436
SALES EXPENSES			
36	Operation:		
37	911 Supervision	-	-
38	912 Demonstrating & selling expenses	-	-
39	913 Advertising expense	62,067	(2,856)
40	916 Miscellaneous sales expenses	-	-
41	Total sales expenses	62,067	(2,856)
ADMINISTRATIVE & GENERAL EXPENSES			
43	Operation:		
44	920 Administrative & general salaries	231,588	18,259
45	921 Office supplies & expenses	80,912	8,120
46	922 Administrative expenses transferred - Cr.	-	-
47	923 Outside services employed	49,903	3,433
48	924 Property insurance	232,350	228
49	925 Injuries & damages	104,550	(6,517)
50	926 Employee pension & benefits	1,527,593	4,817
51	928 Regulatory commission expenses	-	-
52	929 Duplicate charges - Cr.	-	-
53	930 Miscellaneous general expenses	82,982	(48)
54	931 Municipal services	72,233	(161)
55	Total operations	2,382,111	28,133

Middleboro Gas & Electric

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
1	ADMINISTRATIVE & GENERAL EXPENSES - continued		
2	Maintenance:		
3	933 Transportation expense	\$ -	\$ -
4	Total administrative & general expenses	2,382,111	28,133
5	Total Electric Operation & Maintenance Expenses	\$ 30,230,620	\$ 2,182,620

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power	\$ -	\$ -	\$ -
9	Nuclear Power			\$0
10	Hydraulic Power			\$0
11	Other Power	759	643	\$1,402
12	Other Power Supply Expenses	20,125,825	-	20,125,825
13	Total Power Production Expenses	20,126,584	643	20,127,227
14	Transmission Expenses	3,687,744	21,793	3,709,538
15	Distribution Expenses	917,767	1,963,766	2,881,532
16	Customer Accounts Expenses	1,068,145		1,068,145
17	Sales Expenses	62,067		62,067
18	Administrative & General Expenses	2,382,111		2,382,111
19				
20	Total Electric Operation and Maintenance Expenses	\$ 28,244,418	\$ 1,986,202	\$ 30,230,620
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%

Total Salaries and Wages of electric department for year, including amounts Charged to operating expenses, construction and other accounts

\$ 3,671,209

Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part time employees)

41.3

Middleboro Gas & Electric

GAS OPERATING REVENUES (Account 400)

Line No.	Account (a)	Operating Revenues		MCF Sold (1000 BTU)		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF GAS						
2	480 Residential Sales	\$ 5,183,577	\$ 629,756	336,246	6,597	4,802	48
3	481 Commercial & Industrial Sales:						
4	Small (or Commercial) see instr. 5	3,665,700	448,550	258,047	11,939	601	6
5	Large (or Industrial) see instr. 5	1,891,179	(680,864)	334,982	5,216	9	0
6	482 Municipal Sales (P. 22)	563,913	114,802	40,148	3,643	54	0
7	483 Other Sales	-	-	-	-	-	-
8	485 Miscellaneous Gas Sales	-	-	-	-	-	-
9	Total Sales to Ultimate Consumers	11,304,370	512,244	969,423	27,395	5,466	54
10	483 Sales for Resale						
11	Total Sales of Gas	11,304,370	512,244	969,423	27,395	5,466	54
12	OTHER OPERATING REVENUES						
13	487 Forfeited Discounts	121,181	23,935				
14	488 Miscellaneous Service Revenues	-	-				
15	489 Revenues from Trans. of Gas of Other Natural Gas	-	-				
16	491 Rev. from Natural Gas Processed by Others	-	-				
17	493 Rent from Gas Property	-	-				
18	494 Interdepartmental Rents	-	-				
19	495 Other Gas Revenues	-	-				
20							
21	Total Other Operating Revenues	121,181	23,935				
22	Total Gas Operating Revenues	\$ 11,425,551	\$ 536,179				

Purchased Price Adj. Clauses	Fuel Clauses
\$4,148,560	649,762

* Includes revenues from application of Total M.C.F. which Applied

Middleboro Gas & Electric

SALES OF GAS TO ULTIMATE CONSUMERS

Report by account the M.C.F. 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. (1000 BTU) (b)	Revenue (c)	Average Revenue Per M.C.F. \$0.0000 (d)	Number of Customers (Per Bills Rendered)	
						July 31 (e)	December 31 (f)
1	480	Res. Gas	9,550	\$ 159,853	16.74	317	317
2	480	Res. Heat	326,696	5,023,725	15.38	4,505	4,485
3	481	Comm. Gas	27,608	383,966	13.91	86	83
4	481	Comm. Heat	230,438	3,281,734	14.24	516	518
5	482	Ind. Gas (Interruptible)	319,661	1,678,640	5.25	1	1
6	482	Ind. Heat	15,321	212,540	13.87	8	8
7	484	Mun. Gas	40,148	563,913	14.05	54	54
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47	TOTAL SALES TO ULTIMATE						
48	CONSUMERS (Page 43 line 9)		969,423	\$ 11,304,370	11.6609	5,487	5,466

GAS OPERATION AND MAINTENANCE EXPENSES

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
1	PRODUCTION EXPENSES		
2	MANUFACTURED GAS PRODUCTION EXPENSES		
3	STEAM PRODUCTION		
4	Operation:		
5	700 Operation supervision and engineering		
6	701 Operation labor	None	
7	702 Boiler fuel		
8	703 Miscellaneous steam expenses		
9	704 Steam transferred - Cr.		
10	Total operation	\$0	\$0
11	Maintenance:		
12	705 Maintenance supervision and engineering		
13	706 Maintenance of structures and improvements	None	
14	707 Maintenance of boiler plant equipment		
15	708 Maintenance of other steam production plant		
16	Total maintenance	\$0	\$0
17	Total power production expenses - steam power	\$0	\$0
18	MANUFACTURED GAS PRODUCTION		
19	Operation:		
20	710 Operation supervision and engineering		
21	Production labor and expenses:		
22	711 Steam expenses		
23	712 Other power expenses		
24	715 Water gas generating expenses		
25	716 Oil gas generating expenses		
26	717 Liquefied petroleum gas expenses		
27	718 Other process production expenses		
28	Gas fuels:		
29	721 Water gas generator fuel	None	
30	722 Fuel for oil gas		
31	723 Fuel for liquefied petroleum gas process		
32	724 Other gas fuels		
33	Gas raw materials:		
34	726 Oil for water gas		
35	727 Oil for oil gas		
36	728 Liquefied petroleum gas		
37	729 Raw materials for other gas processes		
38	730 Residuals expenses		
39	731 Residual produced -0- Cr.		
40	732 Purification expenses		
41	733 Gas mixing expenses		
42	734 Duplicate charges - Cr.		
43	735 Miscellaneous production expenses		
44	736 Rents		
45	Total operation	\$ -	\$ -
46	Maintenance:		
47	740 Maintenance supervision and engineering		
48	741 Maintenance of structures and improvements	\$ -	\$ -
49	742 Maintenance of production equipment		
50	Total maintenance	\$ -	\$ -
51	Total manufactured gas production	\$ -	\$ -
52			

GAS OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
	OTHER GAS SUPPLY EXPENSES		
2	Operation:		
3	804 Natural gas city gate purchases	\$ 5,687,858	\$ (2,181,469)
4	805 Other gas purchases		
5	806 Exchange gas		
6	807 Purchased gas expenses	84,173	3,169
7	810 Gas used for compressor station fuel - Cr.		
8	811 Gas used for products extraction - Cr.		
9	812 Gas used for other utility operation - Cr.		
10	813 Other gas supply expenses	1,799,678	2,668,677
11	Total other gas supply expenses	7,571,708	490,377
12	Total production expenses	\$ 7,571,708	\$ 490,377
	LOCAL STORAGE EXPENSES		
14	Operation:		
15	840 Operation supervision and engineering	None	
16	841 Operation labor and expenses		
17	842 Rents		
18	Total operation	\$ -	\$ -
19	Maintenance:		
20	843 Maintenance supervision and engineering		
21	844 Maintenance of structures and improvement	29,672	(18,861)
22	845 Maintenance of gas holders		
23	846 Maintenance of other equipment		
24	Total maintenance	29,672	(18,861)
25	Total transmission and distribution expense	\$ 29,672	\$ (18,861)
	TRANSMISSION AND DISTRIBUTION EXPENSES		
27	Operation:		
28	850 Operation supervision and engineering		
29	851 System control and load dispatching		
30	852 Communication system expenses		
31	853 Compressor station labor and expense		
32	855 Fuel and power for compressor station		
33	857 Measuring and regulating station expense		
34	858 Transmission and compression of gas by others		
35	870 Operation supervision and engineering	123,790	(4,681)
36	871 Distribution and Load Dispatching	126,883	7,045
37	874 Mains and services expense	138,292	(26,567)
38	878 Meter and house regulator expense	88,618	994
39	879 Customer installation expenses	239,019	(4,391)
40	880 Other expenses	110,554	8,830
41	881 Rents	51,710	8,283
42	Total operation	878,867	(10,486)
43	Maintenance:		
44	885 Maintenance supervision and engineering	137,747	4,738
45	886 Maintenance of structures and improvement	88,356	35,863
46	887 Maintenance of mains	33,209	9,274
47	888 Maintenance of compressor station equipment	-	-
48	889 Maintenance of measuring and regulation station equipment	59,527	7,750
49	892 Maintenance of services	195,660	(21,630)
50	893 Maintenance of meters and house regulator	-	-
51	894 Maintenance of other equipment	7,679	(19,664)
52	896 Maintenance of power operated equipment	63,999	18,076
53	Total maintenance	586,176	34,407
54	Total transmission expenses	\$ 1,465,044	\$ 23,921

GAS OPERATION AND MAINTENANCE EXPENSES -- Continued

Line	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
1	CUSTOMER ACCOUNTS EXPENSES		
2	Operation:		
3	901 Supervision	\$ -	\$ -
4	902 Meter reading expenses	28,868	(673)
5	903 Customer records & collection expenses	216,013	20,148
6	904 Uncollectible accounts	73,460	10,875
7	905 Miscellaneous customer accounts expenses	-	-
8	Total customer accounts expenses	\$ 318,341	\$ 30,350
9	SALES EXPENSES		
10	Operation:		
11	909 Energy Audit Project	32,765	6,071
12	909 Communications expense	-	-
13	912 Demonstrating and selling expenses	-	-
14	913 Advertising expense	20,689	(832)
15	916 Miscellaneous sales expenses	-	-
16	Total sales expenses	\$ 53,454	\$ 5,239
17	ADMINISTRATIVE & GENERAL EXPENSES		
18	Operation:		
19	920 Administrative & general salaries	\$ 109,548	\$ 6,988
20	921 Office supplies & expenses	24,960	696
21	922 Administrative expenses transferred - Cr.	-	-
22	923 Outside services employed	16,634	(1,340)
23	924 Property insurance	77,450	76
24	925 Injuries & damages	34,850	(2,172)
25	926 Employee pension & benefits	509,198	2,604
26	928 Regulatory commission expenses	-	-
27	929 Duplicate charges - Cr.	-	-
28	930 Miscellaneous general expenses	27,263	985
29	931 Reimbursement from Municipal Services	24,078	(54)
30	933 Transportation Expenses	-	-
31	Total operations	823,980	7,784
32	Maintenance:		
33	935 Maintenance of general plant	-	-
34	Total administrative & general expenses	\$ 823,980	\$ 7,784
35			
36	Total Gas Operation & Maintenance Expenses	\$ 10,262,199	\$ 538,311

SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSE

Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
45 Steam production	\$ -	\$ -	\$ -
46 Manufactured gas production	-	-	-
47 Other gas supply expenses	7,571,708	-	7,571,708
48 Total Production Expenses	7,571,708	-	7,571,708
49 Local storage expenses	-	29,672	29,672
50 Transmission and distribution expenses	878,867	586,176	1,465,044
51 Customer accounts expenses	318,341	-	318,341
52 Sales expenses	53,454	-	53,454
53 Administrative and general expenses	823,980	-	823,980
54			
55 Total Gas Operation and Maint. Expenses	\$ 9,646,351	\$ 615,848	\$ 10,262,199

57 Ratio of Operating expenses to operating revenues	96%
58	
59 Total Salaries and Wages of gas department for year, including	
60 amounts charged to operating expenses, construction and other accounts	\$ 1,583,176
61	
62 Total number of employees of gas department at end of year including	
63 administrative, operating, maintenance, construction and other employees	19.7
64	

Middleboro Gas & Electric

SALES FOR RESALES (Account 483)

Line No	Names of Companies to Which Gas is Sold (a)	Where Delivered and Where and How Measured (b)	M.C.F. (1000 BTU) (c)	Rate per M.C.F. (\$0.0000) (d)	Amount (e)
1					
2					
3					
4					
5		NONE			
6					
7					
8					
9					
10					
11					
12					
		TOTALS	0	0	\$0

SALE OF RESIDUALS (Accounts 730, 731)

Line No	Kind (a)	Revenue (b)	Inventory Cost (c)	Handling Selling, Etc (d)	(e)	Total Cost (f)	Net Revenue (g)
13							
14							
15							
16			NONE				
17							
18							
19							
20	TOTALS:	\$0	\$0	\$0	0	\$0	\$0
21							

PURCHASED GAS (Account 804)

Line No	Names of Companies from which Gas is Purchased (a)	And Where and How Measured (b)	M.C.F. (1000 BTU) (c)	M.C.F. (\$0.000) (d)	Amount (e)
22	JP Morgan/Mercuria Firm	S. Middleboro Border Station Orifice Plate	285,056	\$ 6.2352	\$ 1,777,382
23					
24	JP Morgan/Mercuria Interruptible	S. Middleboro Border Station Orifice Plate	312,246	\$ 4.4758	\$ 1,397,561
25					
26	JP Morgan/Mercuria Firm	Midd-Lakeville Town Line Rotary Meter Measurement	90,142	\$ 7.8524	\$ 707,835
27					
28					
29	Bay State Gas Co. Firm	Midd-Lakeville Town Line Rotary Meter Measurement	-	\$ -	\$ -
30	Note: Transport volumes included in Winter Peaking				
31					
32					
33	GDF/Suez Distrigas Firm	S. Middleboro Border Station Orifice Plate	246,894	\$ 7.0189	\$ 1,732,921
34					
35					
36	GDF/Suez Distrigas Firm	Trucked Liquefied Natural Gas to MGED LNG Tank Storage Truck Scale	8,829	\$ 8.1730	\$ 72,159
37					
38					
39					
40		TOTALS	943,167	\$ 6.0306	\$ 5,887,858
41					

Middleboro Gas & Electric

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 Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2	Electric Division - finance charges		\$ 28,026	none	\$ 28,026
3					
4	Gas Division - finance charges		4,510	none	4,510
5					
6	Note: Represents pole attachment fees, temporary charges, etc				
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8					
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38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	Totals	\$ -	\$ 32,537	\$ -	\$ 32,537

Middleboro Gas & Electric

INCOME FROM MERCHANDISING, JOBBING, AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses, and not income from merchandising, jobbing, & contract work during year.

Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts, allowances and returns				-
3		91,135	84,258		\$ 175,393
4	Contract work				-
5	Commissions				-
6	Other (list according to major classes)				-
7	AVSG CNG Sales		97,421		97,421
8					-
9					-
10	Total Revenues	91,135	181,679	-	272,814
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major classes of cost)				
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses:				
27	Customer accounts expenses:				
28	Administrative and general expenses:				
29					
30	Sales tax expense		-		-
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	Total Costs & Expenses	-	-	-	-
51	Net Profit (or Loss)	\$ 91,135	\$ 181,679	\$ -	\$ 272,814

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric energy generated, purchased, and interchanged during the year.

Line No.	Item (a)	Kilowatt hours (b)
SOURCES OF ENERGY		
1		
2	Generation (excluding station use):	
3	Steam	
4	Nuclear	
5	Hydro	
6	Other	
7	Total Generation	0
8	Purchases	268,196,395
9		
10	Interchanges	
	In (gross)	
	Out (gross)	
11	Net (kwh)	13,452,456
12		
13	Transmission for/by others (wheeling)	
	Received	
	Delivered	
14	Net (kwh)	0
15	TOTAL	281,648,851
DISPOSITION OF ENERGY		
16		
17	Sales to ultimate consumers (including interdepartmental sales):	271,974,914
18	Sales for resale	
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	140,615
21	Electric department only	98,520
22	Energy losses:	
23	Transmission and conversion losses	
24	Distribution losses	9,434,802
25	Unaccounted for losses	
26	Total energy losses	9,434,802
27	Energy losses as percent of total on line 15	3.35%
28		281,648,851

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.

3. State type of monthly peak reading (instantaneous 1 minutes integrated).

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.

5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

Month (a)	Monthly Peak					Monthly Output (kwh) (see instr. 4) (g)
	Kilowatts (b)	Day of wk (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
January	45,000	Wednesday	7	7 PM	Minute Integrated	24,929,655
February	43,600	Tuesday	24	7 PM		22,752,497
March	41,000	Thursday	5	7 PM		22,986,907
April	36,800	Tuesday	7	8 PM		19,635,798
May	40,100	Monday	11	3 PM		20,728,742
June	47,600	Monday	22	4 PM		22,284,756
July	60,400	Monday	20	3 PM		27,590,066
August	61,000	Tuesday	18	3 PM		28,524,359
September	60,700	Tuesday	8	4 PM		24,575,579
October	39,400	Wednesday	28	7 PM		22,639,801
November	40,600	Monday	23	6 PM		21,903,078
December	30,900	Monday	29	7 PM		23,097,613
TOTAL:						281,648,851

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For the year ended December 31, 2015

Middleborough Gas & Electric

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear) Pages 58-59

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

STEAM GENERATING STATIONS Pages 60-61

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

HYDROELECTRIC GENERATING STATIONS Pages 62-63

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

COMBUSTION ENGINE AND OTHER GENERATING STATIONS Pages 64-65

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

Annual Report of:

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Middleborough Gas & Electric

GENERATING STATION STATISTICS (Small Stations)

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW* and other stations of less than 500 KW* installed capacity (name plate ratings). (*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.
2. Designate any plant leased from others, operated under a license from the Federal Power Commission,

or operated as a joint facility, and give a concise statement of the facts in a footnote.
3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.
4. Specify if total plant capacity is reported in kva instead of kilowatts.

5. If peak demand for 60 minutes is not available, give that which is available, specifying period.
6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (60 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0.00 (l)
								Labor (h)	Fuel (i)	Other (j)		
1	S.Midd Gen Station	2015	2000 kW	1984 kW	10,890 kWH	2,449,000					NG	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28	TOTALS					10,890	2,449,000					

Middleborough Gas & Electric

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Taunton River	Wareham St	115,000	Wood H frame	4.91		1	636 MCM ACSR
2				Steel	0.61			
3	Titicut St	Summer St	115,000	Wood	1.70		1	795 MCM ACSR
4				Davit Arm				
5	Summer St.	Wareham St	115,000	Wood	3.13		0	636 MCM ACSR
6				Davit Arm				
7						(Shared with		
8						Line 1)		
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
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45								
46								
47	TOTALS				10.35	0	2	

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

Annual Report of:

For the year ended December 31, 2015

Middleborough Gas & Electric

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 & 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 & Special Equipment			
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)	
1	Horbal Substation	Distribution Unattended 1	115,000	13,800		100,000	3	0				
2	Wareham St., Middleboro											
3												
4												
5												
6												
7												
8												
9												
10												
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33												
34												
35												
36												
37												
38												
39						TOTALS	100,000	3	0		0	0

Annual Report of:

Middleborough Gas & Electric

For the year ended December 31, 2015

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	-	262.38	262.38
2	Added During Year		0.00	0.00
3	Retired During Year		0.00	0.00
4	Miles - End of Year	262.38	0.00	262.38

Distribution System Characteristics - A.C. or D.C., phase, cycles & operating voltages for Light & Power.

Primary System is 13,800 GRDY/7970 Volts three phase 60 cycles A.C..

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	16,717	16,717	3,556	181,513.5
17	Additions during year:				
18	Purchased		64	49	8,240.0
19	Installed	64			
20	Associated with utility plant acquired				
21	Total additions	64	64	49	8,240.0
22	Reductions during year:				
23	Retirements	190	190	21	705.0
24	Associated with utility plant sold				
25	Total reductions	190	190	21	705.0
26	Number at End of Year	16,591	16,591	3,584	189,048.5
27	In stock		1,277	138	
28	Locked meters on customers' premises				
29	Inactive transformers on system			0	0.0
30	In customers' use		15,303	3,440	
31	In company's use		11	6	
32	Number at End of Year		16,591	3,584	0.0

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 Distribution System (a)	Miles of Conduit Bank (All Sizes & Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	Local underground in center of town					
2	Middleboro	0.2270	0.2270	13,800		
3	Local underground in center of town					
4	Middleboro	2.6870	2.6870	120/208		
5						
6	Wareham St. Substation, Middleboro	0.4000	0.7000	13,800		
7	Various Highway Crossings	1.6560	1.6560	13,800		
8	Various Developments - Buried	0.0000	3.3900	7,970		
9	Tinkham Lane & Ashley Place, Lakeville	0.0130	0.0165	120/240		
10	Lakeport Park (off Harding St.) Lakeville	0.0198	0.2370	13,800		
11	Lakeport Park (off Harding St.) Lakeville	0.0110	0.0110	277/480		
12	Various Commercial Developments	3.3900	3.3900	13,800		
13	Various Residential Developments - Ducted	40.9645	47.4945	7,970		
14	Various Developments - Buried	6.8900	21.1802	7,970		
15	New 2004	7.9417	9.2075	7,970		
16	New 2005	3.0500	3.0500	7,970	single phase	
17	New 2005			13,800	phase to phase	
18	New 2006	2.8300	2.8300	13,800		
19	New 2007	4.8400	4.8400	13,800		
20	New 2008	0.0300	0.0300	13,800		
21	New 2009	1.8200	1.8200	13,800		
22	New 2012	1.0100	1.0100	13,800		
23	New 2013	0.4600	0.4600	13,800		
24	New 2014	0.6700	0.6700	13,800		
25	New 2015	1.8200	1.8200	13,800		
26						
27						
28						
29						
30						
31						
32						
33						
34	TOTALS	80.7300	106.7267		0	0

* Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town (a)	Total (b)	Type								
			Incandescent		Mercury Vapor		Fluorescent		Sodium		
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)	
1	Middleboro	1,757	16	1	178	13				1,004	545
2											
3	Lakeville	181			16	4				64	97
4											
5											
6											
7											
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48											
49											
50											
51											
52	TOTALS	1,938	16	1	194	17	0	0	1,068	642	

Middleborough Gas & Electric

**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	Gas Made						
2					NONE		
3							
4							
5							
6							
7	TOTAL	0	0	0	0	0	0
8							
9	Gas Purchased						
10	Natural	934,337	142,432	137,156	131,646	72,781	44,950
11	Other	0	0	0	0	0	0
12							
13	TOTAL	934,337	142,432	137,156	131,646	72,781	44,950
14							
15	TOTAL MADE AND PURCHASED	934,337	142,432	137,156	131,646	72,781	44,950
16							
17	Net Change in Holder						
18	GasLNG.....	8,569	4,035	587	396	490	340
19							
20	TOTAL SENDOUT	942,906	146,467	137,743	132,042	73,271	45,290
21							
22							
23							
24	Gas Sold	947,782	144,840	136,104	117,478	63,336	45,145
25	Gas Used by Company	2,047	346	498	244	88	9
26	Gas Accounted for	949,829	145,186	136,602	117,722	63,424	45,154
27	Gas Unaccounted for	(6,923)	1,281	1,141	14,320	9,847	136
28							
29	% Unaccounted for (0.00%)	-0.73%	0.87%	0.83%	10.85%	13.44%	0.30%
30							
31							
32	Sendout in 24 hours in MCF						
33	Maximum - MCF	5,908	5,880	5,908	5,430	3,663	2,152
34	Maximum Date	02/20	01/07	02/20	02/18	04/09	05/01
35	Minimum - MCF	816	2,772	3,856	2,842	1,639	937
36	Minimum Date	07/30	01/18	02/22	03/31	04/22	05/28
37							
38							
39							
40					1,028	per Cubic Foot	
41							

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For the year ended December 31, 2015

Middleborough Gas & Electric

GAS GENERATING PLANT

Line No.	General Description - Location, Size, Type, etc	No. of Sets	24 Hour Cap. (MCF)
1			
2			
3	Liquid Natural Gas Plant - Vine St.		
4	1 - 30,000 Gallon Cryogenic Storage Tank		2,160
5	3 - 30,000 CFH Ambient Vaporizers		
6	1 - 120,000 CFH Water Bath Heater		
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18	TOTAL		2,160
19			

Annual Report of:

For the year ended December 31, 2015

Middleborough Gas & Electric

Boilers

Page 75

Line No.	Location	Kind of Fuel and Method of Firing	Rated Pressure in Lbs.	Rated Steam Temp	Number	Output Rating M.Lbs Steam per Hour
1	N/A					
2						
3						
4						
5						

SCRUBBERS, CONDENSERS AND EXHAUSTERS. 24 HOUR CAPACITY (MCF)

Line No.	Location	Kind of Gas	Total Capacity
17	Scrubbers	N/A	
18			
19			
20	Condensers	N/A	
21			
22	Exhausters	N/A	
23			
24			

PURIFIERS

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Line No.	Location	Kind of Gas Purified	Kind of Purifying Materials	Estimated 24 Hour Capacity
1	N/A			
2				
3				
4				
5				
6				
7				

HOLDER (Including Relief Holders).

Indicate Relief Holders by the Letters R.,H.

Line No.	Location	type of Tank	Dimensions		No. of Lifts	Number	Working Capacity
			Diam	Height			
20	N/A						
21							
22							
23							
24							
25							

Annual Report of:

For the year ended December 31, 2015

Middleborough Gas & Electric

TRANSMISSION AND DISTRIBUTION MAINS

Line No.	Diameter	Tot Length in Feet at Beginning of Year	Added During Year	Taking up During Year	Abandoned but not Removed During Year	Total Length in Feet at End of Year
1						
2	4"	37,414			(4,766)	32,648
3	6"	7,987			(136)	7,851
4	8"	2,763		(152)		2,611
5	Total C.I.	48,164	0	(152)	(4,902)	43,110
6						
7	1"	1,451				1,451
8	1 1/2"	0				0
9	2"	22,049				22,049
10	3"	0				0
11	4"	29,315			(1,807)	27,508
12	6"	15,706				15,706
13	8"	49,150				49,150
14	Total Welded Steel	117,671	0	0	(1,807)	115,864
15						
16						
17	2"	0				0
18	2 1/2"	418				418
19	3"	260				260
20	4"	0				0
21	6"	0				0
22	Total Steel	678	0	0	0	678
23						
24	1/2"	2,160				2,160
25	1 1/8"	8,916	586			9,502
26	2"	156,426	6,853	(6)	(101)	163,172
27	3"	5,644				5,644
28	4"	98,365	4,061		(73)	102,353
29	6"	86,493	2,928	(114)		89,307
30	8"	20,549	206	(24)		20,731
31	Total Plastic	378,553	14,634	(144)	(174)	392,869
32						
33	Total	545,066	14,634	(296)	(6,883)	552,521

Normal Operating Pressure - Mains and Lines - Maximum 60 psig
 Minimum 7" W.C
 Normal Operating Pressure - Services - Maximum 60 psig
 Minimum 7" W.C

Annual Report of:

For the year ended December 31, 2015

Middleborough Gas & Electric**GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS**

Line No	Item	Gas Services	House Governors	Meters
1	Number at beginning of Year	4,569	4,859	5,655
2	Additions during year:			
3	Purchased		96	317
4	Installed	52		
5	Associated with Plant acquired ..			
6				
7	Total Additions	52	96	317
8				
9	Reductions during year:			
10	Retirements	(3)	(44)	(226)
11	Associated with plant sold			
12				
13	Total Reductions	(3)	(44)	(226)
14				
15	Number at End of Year	4,618	4,911	5,746
16				
17				
18	In Stock			222
19	On Customers' Premises - Inactive			32
20	On Customers' Premises - Active			5,484
21	In Company Use			8
22				
23	Number at End of Year			5,746
24				
25				
26	Number of Meters Tested by State Inspectors			
27	During Year			1,049
28				
29				

Middleboro Gas & Electric

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

Line No.	Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
				Increases	Decreases
1	11/01/14	125	Discontinued 11/1/2014		
2	11/01/14	128	Discontinued 11/1/2014		
3	11/01/14	129	Discontinued 11/1/2014		
4	11/01/14	132	Discontinued 11/1/2014		
5	11/01/14	142	Discontinued 11/1/2014		
6	11/01/14	161	Residential Electric Service - R-1 & R-6		
7	11/01/14	162	Residential Electric General & Heating Service Elderly - R-10 & R-91		
8	11/01/14	163	NYPA Hydropower Credit		
9	11/01/14	164	Area St. Lighting - SL-60		
10	11/01/14	165	Comm & Ind General Service - C-2, C-3, I-4 & I-5		
11	11/01/14	166	General Service Demand - Schedules C-41, I-41		
12	11/01/14	167	Large General Service - Schedules C-40, I-40		
13	11/01/14	168	Purchase Power Adjustment - PPA		
14	11/01/14	169	Residential Gas Service R-11, R-19 & R-70		
15	11/01/14	170	Residential Gas Service - Elderly R-88, R-89 & R-96		
16	11/01/14	171	Comm & Ind Gas General Service C-12, I-14		
17	11/01/14	172	Comm & Ind Gas Heating Service C-13, I-15		
18	11/01/14	173	Comm & Ind Gas Air Conditioning Service A/C 18		
19	11/01/14	174	Purchased Gas Adjustment - PGA Clause		
20	10/15/14	175	MGED Electric Terms & Conditions		
21	04/01/14	176	MGED Gas Terms & Conditions		
22	05/01/15	177	Renewable Distributed Generation Tariff		
23	05/01/15	178	Net Metering Tariff		
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THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor,
Jaqueline L. Crowley _____
Manager of Electric Light
JUN 15 2016

Daniel Farley _____
Walter B. ... _____
Vincent S. ... _____
John F. Healey _____
Kevin Scott _____

Selectmen
or
Members
of the
Municipal
Light
Board

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

_____ SS. _____ 19__

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.