

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

TOWN OF

MIDDLEBOROUGH

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2011

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

Luis Chuki

Official title:

Accounting Manager

Office address:

32 South Main Street
Middleborough, MA 02346

The Commonwealth of Massachusetts
Department of Public Utilities
Leverett Saltonstall Building, Government Center
100 Cambridge Street, Boston 02202

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.

Middleborough Gas & Electric

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Annual Report of:

For the year ended December 31, 2011

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 with the provisions of Chapter 164 of the General Laws: Dec 15, 1893 and 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) Alfred P. Rullo, Jr. - Middleborough, MA
3) Steven P. Spataro - Middleborough, MA
4) Allin J. Frawley - Middleborough, MA
5) Ben Wilson Burns Quelle - 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) Glenn Montapert - Middleborough, MA
2) Thomas E. Murphy - Middleborough, MA
3) Michael Solimini - Middleborough, MA
4) Joseph Ranahan - Middleborough, MA
5) John F. Healey - Middleborough, MA
8. Total valuation of estates in town (or city) according to last State valuation: \$2,296,872,855
9. Tax rate for all purposes during the year:
Residential \$13.74 per 1000
Commercial \$14.61 per 1000
10. Amount of manager's salary: \$155,000
11. Amount of manager's bond: None
12. Amount of salary paid to members of municipal light board (each): None

Annual Report of:

For the year ended December 31, 2010

Middleborough Gas & Electric

SCHEDULE OF ESTIMATE

		Amount
INCOME FROM PRIVATE CONSUMERS:		
From sales of gas		\$9,601,608
From sales of electricity		34,758,840
	TOTAL:	\$44,360,449
EXPENSES:		
For operation, maintenance and repairs		41,679,923
For interest on bonds, notes or scrip		0
For depreciation fund (5 %)		2,547,575
For sinking fund requirements		
For note payments		
For bond payments		
 For loss in preceding year		
	TOTAL:	\$44,227,498
COST:		
Of gas to be used for municipal buildings		521,545
Of gas to be used for street lights		293
Of electricity to be used for municipal bldgs..		421,121
Of electricity to be used for street lights ...		119,297
Total of the above items to be included in the tax levy		
New construction to be included in the tax levy		
		\$1,062,256
Total amounts to be included in the tax levy ..		

CUSTOMERS		
GAS:		Number of Customers
City or Town		Meters, Dec. 31
Middleboro		5,074
	TOTAL:	5,074
ELECTRICITY:		Number of Customers
City or Town		Meters, Dec. 31
Middleboro		11,386
Lakeville		4,532
	TOTAL:	15,918

Annual Report of:

For the year ended December 31, 2011

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 | \$119,590 |
| 2. Municipal buildings | \$942,666 |

TOTAL: \$1,062,256

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.

TOTAL COST OF PLANT -- ELECTRIC

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 & Generators	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 & Accessories	0					0
14	343 Prime Movers	0	None				0
15	344 Generators	0					0
16	345 Accessory Electric Equipment	0					0
17	346 Misc. Power Plant Equipment	0					0
18	Total Other Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
19	TOTAL PRODUCTION PLANT	\$0	\$0	\$0	\$0	\$0	\$0
	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	0					0
24	353 Station Equipment	270,446					270,446
25	354 Towers & Fixtures	0					0
26	355 Poles & Fixtures	1,671,471					1,671,471
27	356 Overhead Conductors & Devices	567,989					567,989
28	357 Underground Conduit	0					0
29	358 Underground Conductors & Devices	61,970					61,970
30	359 Roads & Trails	697					697
31	Total Transmission Plant	\$2,843,187	\$0	\$0	\$0	\$0	\$2,843,187

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	\$32,291					\$32,291	
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	3,120,758	144,546	(43,900)			3,221,404	
7	365 Overhead Conductors & Devices	8,799,698	566,265	(39,200)			9,326,763	
8	366 Underground Conduit	250,403	8,297				258,701	
9	367 Underground Conductors & Devices	2,007,284	97,339				2,104,622	
10	368 Line Transformers	10,455,205	218,625	(21,191)	(618,682)		10,033,957	
11	369 Services	1,576,470	35,391				1,611,861	
12	370 Meters	1,914,347	300,908	(83,717)	(108,070)		2,023,468	
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	515,526	9,041				524,567	
16	Total Distribution Plant	\$30,006,271	\$1,380,413	(\$188,008)	(\$726,752)	\$0	\$30,471,923	
17	4. GENERAL PLANT							
18	389 Land & Land Rights	\$0					\$0	
19	390 Structures & Improvements	\$1,143,041	\$119,018				\$1,262,059	
20	391 Office Furniture & Equipment	1,652,737	43,345	(3,710)			1,692,373	
21	392 Transportation Equipment	1,572,606		(126,568)			1,446,038	
22	393 Stores Equipment	19,164					19,164	
23	394 Tools, Shop & Garage Equipment	327,549	9,657				337,206	
24	395 Laboratory Equipment	93,859					93,859	
25	396 Power Operated Equipment	125,122	69,224				194,346	
26	397 Communication Equipment	721,780	22,876				744,656	
27	398 Misc. Equipment	97,577					97,577	
28	399 Other Tangible Property	389					389	
29	Total General Plant	\$5,753,824	\$264,120	(\$130,278)	\$0	\$0	\$5,887,667	
30	Total Electric Plant In Service	\$38,603,282	\$1,644,533	(\$318,286)	(\$726,752)	\$0	\$39,202,777	
31	Total Cost of Electric Plant							\$39,202,777
32								
33	Less Cost of Land, Land Rights, Right of Way							(\$303,602)
34	Total Cost upon which Depreciation is based							\$38,899,175

Middleborough Gas & Electric

TOTAL COST OF PLANT -- GAS

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

Annual Report of:

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Middleborough Gas & Electric

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)	\$13,975,409	\$13,041,534	(\$933,875)
3	101 Utility Plant, Net - gas (P.20)	3,581,696	3,398,697	(182,999)
4				\$0
5	Total Utility Plant, Net	17,557,105	16,440,231	(1,116,874)
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds			
13	126 Depreciation Fund (P. 14)	3,163,389	4,010,290	846,901
14	128 Other Special Funds	8,390,389	8,397,402	7,013
15	Total Funds	11,553,778	12,407,693	853,914
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14)	15,120,474	20,619,255	5,498,781
18	132 Special Deposits (Pension/OPEB)	7,347,586	8,906,597	1,559,010
19	135 Working Funds	-	-	-
20	141 Notes Receivable	-	-	-
21	142 Customer Accounts Receivable	3,820,996	3,365,217	(455,778)
22	143 Other Accounts Receivable	-	-	-
23	146 Receivables from Municipality	-	-	-
24	151 Materials and Supplies (P.14)	986,116	1,918,398	932,282
25	163 Stores Expense	-	-	-
26	165 Prepayments	3,454,254	3,438,222	(16,032)
27	174 Miscellaneous Current Assets			
28	Total Current and Accrued Assets	30,729,426	38,247,689	7,518,263
29	DEFERRED DEBITS			
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	\$ 59,840,309	\$ 67,095,613	\$ 7,255,304

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	\$0		
4	205 Sinking Fund Reserves	-		
5	206 Restricted for Other Employment Benefits Obligation	2,114,909	2,828,476	713,567
6	207 Appropriations for Construction Repayments	-		
7	208 Unappropriated Earned Surplus (P.12)	33,819,698	35,561,454	1,741,756
8	Total Surplus	35,934,607	38,389,930	2,455,323
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	2,682,971	2,014,481	(668,490)
15	234 Payables to Municipality			
16	235 Customer' Deposits			
17	236 Taxes Accrued			
18	237 Interest Accrued			
19	242 Miscellaneous Current and Accrued Liabilities	351,873	297,633	(54,241)
20	Total Current and Accrued Liabilities	3,034,844	2,312,114	(722,730)
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt			
23	252 Customer Advances for Construction			
24	253 Other Deferred Credits	12,151,332	18,761,725	6,610,393
25	Total Deferred Credits	12,151,332	18,761,725	6,610,393
26	RESERVES			
27	260 Reserves for Uncollectible Accounts			
28	261 Property Insurance Reserve			
29	262 Injuries and Damages Reserves			
30	263 Pensions and Benefits	8,719,526	7,631,844	(1,087,682)
31	265 Miscellaneous Operating Reserves			
32	Total Reserves	8,719,526	7,631,844	(1,087,682)
33	CONTRIBUTIONS IN AID OF			
34	CONSTRUCTION			
35	271 Contributions in Aid of Construction			
36				
37	Total Liabilities and Other Credits	\$ 59,840,309	\$ 67,095,613	\$ 7,255,304

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, 2011

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)	\$ 45,935,612	\$ (4,810,294)
3	Operating Expenses:		
4	401 Operation Expense (P. 42 & 47)	39,294,988	(4,765,205)
5	402 Maintenance Expense (P. 42 and 47)	2,384,936	(95,828)
6	403 Depreciation Expense	2,547,575	106,905
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	44,227,498	(4,754,129)
11	Operating Income	1,708,113	(56,166)
12	414 Other Utility Operating Income (P. 50)	31,814	(77,329)
13			
14	Total Operating Income	1,739,927	(133,495)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing and Contract Work (P.51)	353,444	176,228
17	419 Interest Income	129,333	(72,537)
18	421 Miscellaneous Nonoperating Income (Loss)	35,154	97,245
19	Total Other Income	517,931	200,936
20	Total Income	2,257,858	67,442
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	2,257,858	67,442
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	\$2,257,858	\$ 67,442

Middleboro Gas & Electric

EARNED SURPLUS			
Line		Debits	Credits
No.	(a)	(b)	(c)
34	208 Unappropriated Earned Surplus (at beginning of period)		\$ 35,934,605
35			
36			
37	433 Balance Transferred from Income		2,257,858
38	434 Miscellaneous Credits to Surplus (P. 21)		
39	435 Miscellaneous Debits to Surplus (P. 21)	516,100	
40	436 Appropriations of Surplus (P. 21) for OPEB		713,567
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)		38,389,930
43			
44		Totals	
		\$ 516,100	\$ 2,257,858

Middleboro Gas & Electric

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)	\$ 35,721,042	\$ (4,561,836)	\$ 10,214,569	\$ (248,459)
3	Operating Expenses:				
4	401 Operation Expense (P. 42 & 47)	30,521,768	(4,701,483)	8,773,220	(63,722)
5	402 Maintenance Expense (P. 42 and 47)	1,925,296	131,311	459,639	(227,139)
6	403 Depreciation Expense	1,914,984	88,538	632,591	18,367
7	407 Amortization of Property Losses		0		0
8					
9	408 Taxes (P. 49)	0	0	0	0
10	Total Operating Expenses	34,362,048	(4,481,635)	9,865,450	(272,494)
11	Operating Income	1,358,995	(80,201)	349,119	24,036
12	414 Other Utility Operating Income (P. 50)	27,671	(77,264)	4,142	(65)
13					
14	Total Operating Income	1,386,666	(157,465)	353,261	23,971
15	OTHER INCOME				
16	415 Income from Merchandising, Jobbing and Contract Work (P.51)	184,278	184,278	169,166	(8,051)
17	419 Interest Income	114,221	(66,316)	15,112	(6,221)
18	421 Miscellaneous Nonoperating Income (Loss)	35,059	91,075	95	6,170
19	Total Other Income	333,558	209,038	184,373	(8,102)
20	Total Income	1,720,224	51,572	537,634	15,869
21	MISCELLANEOUS INCOME DEDUCTIONS				
22	425 Miscellaneous, net	0	0	0	0
23	426 Other Income (Deductions)		0		0
24	Total Income Deductions	0	0	0	0
25	Income Before Interest Charges	1,720,224	51,572	537,634	15,869
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	\$ 1,720,224	\$ 51,572	\$ 537,634	\$ 15,869

Middleborough Gas & Electric

CASH BALANCES AT END OF YEAR (Account 131)			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	\$ 20,619,255	
2	Pension Sinking Fund	6,078,121	
3	Pension OPEB	2,828,476	
4	Construction Fund	0	
5			
6			
7	Total	29,525,852	
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)		9,261
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials & Operating Supplies (Account 154)	1,531,835	321,462
17	Merchandise (Account 155)		55,841
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	1,531,835	386,563
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
DEBITS			
24	Balance of account at beginning of year		3,163,389
25	Income during year from balance on deposit		30,443
26	Amount transferred from income		
27	Contribution In Aid of Construction		
28			
29			
30	Depreciation Allowance		2,547,575
31	Total		5,741,407
32			
33			
CREDITS			
34	Amount expended for construction purposes (Sec. 57, C. 164 of G.L.)		1,731,117
35	Amounts expended for renewals, viz:		
36			
37			
38	Capital Improvements		
39	Principal Payments		
40			
41			
42			
43			
44	Balance on hand at end of year		4,010,290
45	Total		\$ 5,741,407
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 Generators	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

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		None				\$0
15	344 Generators						\$0
16	345 Accessory Electric Equipment						\$0
17	346 Misc. Power Plant Equipment						\$0
18	Total Other Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
19	Total Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
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	0					0
24	353 Station Equipment	13,096		(1,834)			11,262
25	354 Towers & Fixtures	0					0
26	355 Poles & Fixtures	56,506		(7,915)			48,592
27	356 Overhead Conductors & Devices	40,284		(5,642)			34,642
28	357 Underground Conduit	0					0
29	358 Underground Conductors & Dev	0					0
30	359 Roads & Trails	697					697
31	Total Transmission Plant	\$361,198	\$0	(\$15,392)	\$0	\$0	\$365,806

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	4. DISTRIBUTION PLANT						
2	360 Land & Land Rights	\$32,291					\$32,291
3	361 Structures & Improvements	0					0
4	362 Station Equipment	0					0
5	363 Storage Battery Equipment	918	0	(129)		-	789
6	364 Poles, Towers & Fixtures	684,330	144,546	(95,853)		-	733,023
7	365 Overhead Conductors & Devices	3,461,953	566,265	(484,909)		-	3,543,309
8	366 Underground Conduit	27,049	8,297	(3,789)		-	31,558
9	367 Underground Conductors & Dev	681,417	97,339	(95,445)		-	683,311
10	368 Line Transformers	5,219,160	218,625	(731,038)		(618,682)	4,088,064
11	369 Services	315,361	35,391	(44,172)		-	306,580
12	370 Meters	1,075,272	300,908	(150,611)		(108,070)	1,117,500
13	371 Installations on Customers Prem	0	0			-	0
14	372 Leased Property on Cust's Prem	0	0			-	0
15	373 Street Lighting & Signal Systems	79,307	9,041	(11,108)		-	77,239
16	Total Distribution Plant	\$11,577,057	\$1,380,413	(\$1,517,054)	\$0	(\$726,752)	\$10,613,664
17	5. GENERAL PLANT						
18	389 Land & Land Rights	\$0	-			-	\$0
19	390 Structures & Improvements	317,232	119,018	(44,434)		-	391,816
20	391 Office Furniture & Equipment	354,032	43,345	(49,589)		-	347,788
21	392 Transportation Equipment	848,267	-	(118,815)	(7,500)	-	721,952
22	393 Stores Equipment	1,831	-	(256)		-	1,574
23	394 Tools, Shop & Garage Equipmen	106,585	9,657	(14,929)		-	101,313
24	395 Laboratory Equipment	25,672	-	(3,596)		-	22,076
25	396 Power Operated Equipment	43,572	69,224	(6,103)		-	106,693
26	397 Communications Equipment	305,247	22,876	(42,755)		-	285,368
27	398 Misc. Equipment	14,677	-	(2,056)		-	12,621
28	399 Other Tangible Property	41	-	(6)		-	35
29	Total General Plant	\$2,017,155	\$264,120	(\$262,539)	(\$7,500)	\$0	\$1,991,236
30	Total Electric Plant in Service	\$13,975,409	\$1,644,533	(\$1,914,984)	(\$7,500)	(\$726,752)	\$12,970,706
31	104 Utility Plant Leased to Others	\$0					\$0
32	106 Completed Construction Not Cla	0					0
33	107 Construction Work in Progress	0	70,829				70,829
34	Total Utility Plant Electric	\$13,975,409	\$1,715,361	(\$1,914,984)	(\$7,500)	(\$726,752)	\$13,041,534

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	0
26						
27	Used During Year (Note A).....					
28						
29			NONE			
30						
31						
32	Sold or Transferred.....					
33						
34	TOTAL DISPOSED OF	0	0	0	0	0
35						
36	BALANCE END OF YEAR	0	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							\$0
3		\$0	\$0	\$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	0	-				0
9	306 Boiler Plant Equipment	0	-				0
10	307 Other Power Equipment	398	-	(71)			327
11	310 Water Gas Generation Equipment	0	-				0
12	311 Liquefied Petroleum Gas Equipment	0	-				0
13	312 Oil Gas Generating Equipment	0	-				0
14	313 Generating Equipment - Other	0	-				0
15	B Process	0	-				0
16	315 Catalytic Cracking Equipment	0	-				0
17	316 Other Reforming Equipment	0	-				0
18	317 Purification Equipment	0	-				0
19	318 Residual Refining Equipment	0	-				0
20	319 Gas Mixing Equipment	0	-				0
21	320 Other Equipment	0	-				0
22	Total manufactured Gas Production Plant	\$5,368	\$0	(\$71)	\$0	\$0	\$5,297
23	3. STORAGE PLANT						
24	360 Land & Land Rights	\$0					\$0
25	361 Structures & Improvements	0					0
26	362 Gas Holders	0					0
27	363 Other Equipment	0					0
28	Total Storage	\$0	\$0	\$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	0	-				0
4	366 Structures and Improvements	0	-				0
5	376 Mains	1,350,977	153,079	(239,332)			1,264,723
6	368 Compressor Station Equipment	0	-				0
7	369 Measuring and Regulating Station Equipment	0	-				0
8	380 Services	824,135	143,265	(146,000)			821,400
9	381 Meters	407,411	104,901	(72,175)			440,137
10	382 Meter Installations	4,681	-	(829)			3,852
11	385 House Regulators	4,081	-	(723)			3,358
12	386 Other Property on Customers Premis	138	-	(24)			113
13	387 Other Equipment	311	-	(55)			256
14	Total Transmission and Distribution Plant	\$2,597,628	\$401,245	(\$459,138)	\$0	\$0	\$2,539,734
15	5. GENERAL PLANT						
16	389 Land & Land Rights	\$0	-				\$0
17	390 Structures & Improvements	442,574	-	(78,404)			364,170
18	391 Office Furniture & Equipment	54,912	24,288	(9,728)			69,472
19	392 Transportation Equipment	148,696	-	(26,342)			122,354
20	393 Stores Equipment	173	-	(31)			142
21	394 Tools, Shop & Garage Equipment	77,755	1,367	(13,775)			65,347
22	395 Laboratory Equipment	97,940	5,753	(17,351)			86,342
23	396 Power Operated Equipment	89,388	4,800	(15,835)			78,352
24	397 Communications Equipment	2,594	-	(459)			2,134
25	398 Miscellaneous Equipment	64,669	12,140	(11,456)			65,353
26	399 Other Tangible Property	0	-				0
27	Total General Plant	\$978,700	\$48,347	(\$173,382)	\$0	\$0	\$853,665
28	Total Gas Plant in Service	\$3,581,696	\$449,592	(\$632,591)	\$0	\$0	\$3,398,697
29	104 Utility Plant Leased to Others	\$0					\$0
30	106 Completed Construction Not Classifie	\$0					\$0
31	107 Construction Work in Progress	\$0					\$0
32	Total Utility Plant Gas	\$3,581,696	\$449,592	(\$632,591)	\$0	\$0	\$3,398,697
33							

Annual Report of:

For the year ended December 31, 2011

Middleborough Gas & Electric

MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	(a)	(b)
1	Electric Division Loss (Gain) on disposition	\$ (35,059)
2	Gas Division Loss (Gain) on disposition	(95)
3		
4		
5		
6		
	TOTAL	\$ (35,154)
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	502,533
25	Interest related to Other Employment Benefits Obligation - OPEB	13,567
26		
27		
28		
29		
30		
31		
32		
	TOTAL	\$ 516,100
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	Restricted Surplus for Other Employment Benefits Obligation	\$ 713,567
35		
36		
37		
38		
39		
40		
	TOTAL	\$ 713,567

Annual Report of:

Middleborough Gas & Electric

For the year ended December 31, 2011

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		33,865	\$ 521,838	\$ 15.4093	
2						
3						
4		Totals	33,865	\$ 521,838	15.4093	
Electric Schedule						
Line No.	Acct No.	(a)	K.W.H. (b)	Revenues Received (c)	Avg. Revenues per K.W.H. (0000) (d)	
5	444	Municipals: (Other than Street Lighting)	2,701,733	\$ 421,121	\$ 0.1559	
6						
7						
8						
9						
10						
11						
12		Total	2,701,733	421,121	\$ 0.1559	
13	M-14	Street Lighting	930,121	119,297	\$ 0.1283	
14						
15						
16						
17						
18		Total	930,121	119,297	\$ 0.1283	
19						
20		Totals	3,631,854	\$ 540,418	\$ 0.1488	
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) (0.0000) (e)
26	MMWEC-NYPA			9,041,661	\$ 104,029	\$ 0.0115
27	MMWEC-Contract			59,329,668	5,940,761	0.1001
28	MMWEC-NEPEX ISO			147,338,350	9,589,037	0.0651
29	INTEGRYS/Macquarie/Nstar			47,540,221	2,965,249	0.0624
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41			Totals	263,249,900	\$ 18,599,075	\$ 0.0707
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) (0.0000) (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)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	\$ 16,973,192	\$ (2,329,735)	119,376,967	(1,660,615)	12,956	43
3	442 Commercial & Industrial Sales						
4	Small (or Commercial) see instr. 5	13,936,710	(1,581,653)	97,995,688	604,814	1,742	15
5	Large (or Industrial) see instr. 5	3,708,306	(542,238)	30,599,922	(241,478)	15	(1)
6	444 Municipal Sales (P. 22)	681,050	(108,633)	4,670,563	(119,450)	98	0
7	445 Other Sales to Public Authorities	-	-	-	-	-	0
8	446 Sales to Railroads & Railways	-	-	-	-	-	0
9	448 Interdepartmental Sales	-	-	-	-	-	0
10	449 Miscellaneous Electric Sales (Streetlights)	-	-	-	-	1,088	6
11	Total Sales to Ultimate Consumers	35,299,258	(4,562,258)	252,643,140	(1,416,729)	15,899	63
12	447 Sales for Resale	-	-	-	-	-	-
13	Total Sales of Electricity	\$ 35,299,258	\$ (4,562,258)	252,643,140	(1,416,729)	15,899	63
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	\$ 349,391	\$ (17,054)				
16	451 Miscellaneous Service Revenues	72,394	17,476				
17	453 Sales of Water & Water Power	-	-				
18	454 Rent from Electric Property	-	-				
19	455 Interdepartmental Rents	-	-				
20	456 Other Electric Revenues	-	-				
21							
22							
23							
24							
25	Total Other Operating Revenues	421,785	422				
26	Total Electric Operating Revenues	\$ 35,721,042	\$ (4,561,836)				

* Includes revenues from application of fuel clauses \$20,989,276

Total KWH to which applied 249,381,700

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	116,556,086	\$ 16,574,926	0.1422	12,717	12,758
2	440	Res. Heat	2,820,881	398,266	0.1412	232	225
3	442	Comm. Light	20,745,457	3,230,785	0.1557	1,526	1,527
4	442	Comm. Heat	77,250,231	10,705,925	0.1386	210	215
5	443	Ind. Light	68,622	11,142	0.1624	8	8
6	443	Ind. Power	30,531,300	3,697,164	0.1211	7	7
7	444	Mun. Light	1,464,050	225,836	0.1543	81	81
8	444	Mun. Power	1,237,683	195,285	0.1578	17	17
9	444	Mun, St. Light	930,121	119,297	0.1283	36	36
10	444	Area St Light	1,038,709	140,632	0.1354	1,055	1,044
11							
12							
13							
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44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE						
49	CONSUMERS (Page 37 line 11)		252,643,140	\$ 35,299,258	0.1397	15,889	15,918

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		None
13	547 Fuel		
14	548 Generation Expense		
15	549 Miscellaneous other power generation expenses		
16	550 Rents		
17	Total operation	-	-
18	Maintenance:		
19	551 Maintenance supervision and engineering		None
20	552 Maintenance of structures		
21	553 Maintenance of generating & electric plant		
22	554 Maintenance of miscellaneous other power generation plant		
23	Total maintenance	-	-
24	Total power production expenses - other power		
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power	18,599,075	(4,023,412)
27	556 System control & load dispatching	-	-
28	557 Other expenses	3,298,887	(464,192)
29	Total other power supply expenses	21,897,963	(4,487,605)
30	Total power production expenses	\$ 21,897,963	\$ (4,487,605)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		\$ -
34	561 Load dispatching	-	-
35	562 Station expenses	-	-
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others	3,373,582	(150,476)
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total operation	3,373,582	(150,476)
42	Maintenance:		
43	568 Maintenance supervision and engineering	-	-
44	569 Maintenance of structures	-	-
45	570 Maintenance of station equipment	335	10
46	571 Maintenance of overhead lines	-	-
47	572 Maintenance of underground lines	-	-
48	573 Maintenance of miscellaneous transmission plant	-	-
49	Total maintenance	335	10
50	Total transmission expenses	\$ 3,373,917	\$ (150,466)

Middleboro Gas & Electric

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
	DISTRIBUTION EXPENSES		
1			
2	Operation:		
3	580 Operation supervision and engineering	\$ 118,099	\$ 9,569
4	581 Load dispatching	-	-
5	582 Station expenses	344,349	4,052
6	583 Overhead line expenses	-	-
7	584 Underground line expenses	-	-
8	585 Street lighting & signal system expenses	-	-
9	586 Meter expenses	125,287	10,541
10	587 Customer installations expenses	-	-
11	588 Miscellaneous distribution expenses	300,470	35,664
12	589 Rentals	-	-
13	Total operation	888,205	59,825
14	Maintenance:		
15	590 Maintenance supervision and engineering	116,478	9,803
16	591 Maintenance of structures	-	-
17	592 Maintenance of station equipment	-	(56,162)
18	593 Maintenance of overhead lines	1,692,806	160,238
19	594 Maintenance of underground lines	7,027	1,616
20	595 Maintenance of line transformers	1,146	279
21	596 Maintenance of street lighting & signal systems	7,298	(8,822)
22	597 Maintenance of meters	1,081	905
23	598 Maintenance of miscellaneous distribution plant	99,125	23,444
24	Total maintenance	1,924,961	131,301
	Total distribution expenses	\$ 2,813,166	\$ 191,126
	CUSTOMER ACCOUNTS EXPENSES		
26			
27	Operation:		
28	901 Supervision	-	-
29	902 Meter reading expenses	114,118	(7,671)
30	903 Customer records & collection expenses	591,165	56,953
31	904 Uncollectible accounts	-	(274,117)
32	905 Miscellaneous customer accounts expenses	-	-
33	909 Energy audit expense	52,432	2,997
34	Total customer accounts expenses	757,714	(221,836)
	SALES EXPENSES		
36	Operation:		
37	911 Supervision	-	-
38	912 Demonstrating & selling expenses	-	-
39	913 Advertising expense	54,672	8,763
40	916 Miscellaneous sales expenses	-	-
41	Total sales expenses	54,672	8,763
	ADMINISTRATIVE & GENERAL EXPENSES		
42			
43	Operation:		
44	920 Administrative & general salaries	308,472	30,440
45	921 Office supplies & expenses	69,551	(601)
46	922 Administrative expenses transferred - Cr.	-	-
47	923 Outside services employed	113,410	27,908
48	924 Property insurance	233,146	21,163
49	925 Injuries & damages	184,726	65,885
50	926 Employee pension & benefits	2,525,805	(43,825)
51	928 Regulatory commission expenses	-	-
52	929 Duplicate charges - Cr.	-	-
53	930 Miscellaneous general expenses	45,994	(11,812)
54	931 Municipal services	68,530	689
55	Total operations	\$ 5,449,632	\$ 89,846

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	3,549,632	89,846
5	Total Electric Operation & Maintenance Expenses	\$ 32,447,064	\$ (4,570,172)

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			\$0
12	Other Power Supply Expenses	21,897,963	-	21,897,963
13	Total Power Production Expenses	21,897,963	-	21,897,963
14	Transmission Expenses	3,373,582	335	3,373,917
15	Distribution Expenses	888,205	1,924,961	2,813,166
16	Customer Accounts Expenses	757,714		757,714
16	Sales Expenses	54,672		54,672
16	Administrative & General Expenses	3,549,632		3,549,632
19				
20	Total Electric Operation and Maintenance Expenses	\$ 30,521,768	\$ 1,925,296	\$ 32,447,064
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)

85%

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

\$ 3,289,646

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

42.5

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)
SALES OF GAS							
2	480 Residential Sales	\$ 4,446,350	\$ (293,665)	275,208	6,997	4,389	22
3	481 Commercial & Industrial Sales:						
4	Small (or Commercial) see instr. 5	3,307,858	(222,343)	214,457	6,212	560	10
5	Large (or Industrial) see instr. 5	1,847,400	246,866	238,041	37,349	11	(0)
6	482 Municipal Sales (P. 22)	521,838	14,500	33,865	2,558	53	2
7	483 Other Sales	-	-	-	0	-	0
8	485 Miscellaneous Gas Sales	-	-	-	0	-	0
9	Total Sales to Ultimate Consumers	10,123,446	(254,642)	761,571	63,117	5,013	34
10	483 Sales for Resale						
11	Total Sales of Gas	10,123,446	(254,642)	761,571	63,117	5,013	34
OTHER OPERATING REVENUES							
12	487 Forfeited Discounts	91,123	6,183				
13	488 Miscellaneous Service Revenues	-	-				
14	489 Revenues from Trans. of Gas of Other Natural Gas	-	-				
15	491 Rev. from Natural Gas Processed by Others	-	-				
16	493 Rent from Gas Property	-	-				
17	494 Interdepartmental Rents	-	-				
18	495 Other Gas Revenues	-	-				
19							
20							
21	Total Other Operating Revenues	91,123	6,183				
22	Total Gas Operating Revenues	\$ 10,214,569	\$ (248,459)				

Purchased Price Adj. Clauses	Fuel Clauses
\$4,533,933	535,405

* 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		Res. Gas	16,538	\$ 284,620	17.21	381	358
2		Res. Heat	258,670	4,161,730	16.09	4,005	4,064
3		Comm. Gas	28,231	427,971	15.16	89	86
4		Comm. Heat	186,226	2,879,887	15.46	473	473
5		Ind. Gas (Interruptible)	228,501	1,698,270	7.43	1	1
6		Ind. Heat	9,540	149,130	15.63	10	10
7		Mun. Gas	33,865	521,838	15.41	51	58
8							
9							
10							
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46							
47	TOTAL SALES TO ULTIMATE CONSUMERS (Page 43 line 9)		761,571	\$ 10,123,446	13.2928	5,010	5,050
48							

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	None		
6	701 Operation labor			
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	None		
13	706 Maintenance of structures and improvements			
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	None		
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			
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	\$ 5,083,416	\$ (545,561)
4	805 Other gas purchases		
5	806 Exchange gas		
6	807 Purchased gas expenses	93,511	(6,121)
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	1,450,286	1,060,877
11	Total other gas supply expenses	6,627,212	509,195
12	Total production expenses	\$ 6,627,212	\$ 509,195
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	32,571	(592)
22	845 Maintenance of gas holders		
23	846 Maintenance of other equipment		
24	Total maintenance	32,571	(592)
25	Total transmission and distribution expense	\$ 32,571	\$ (592)
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	88,152	(41,224)
36	871 Distribution and Load Dispatching	90,358	(27,578)
37	874 Mains and services expense	116,021	(56,493)
38	878 Meter and house regulator expense	65,825	(9,269)
39	879 Customer installation expenses	214,956	(8,293)
40	880 Other expenses	65,314	4,530
41	881 Rents	50,040	7,658
42	Total operation	690,666	(130,669)
43	Maintenance:		
44	885 Maintenance supervision and engineering	121,647	5,301
45	886 Maintenance of structures and improvement	47,104	(56,430)
46	887 Maintenance of mains	18,175	(10,221)
47	888 Maintenance of compressor station equipment	-	-
48	889 Maintenance of measuring and regulation station equipment	42,473	16,732
49	892 Maintenance of services	130,670	(189,448)
50	893 Maintenance of meters and house regulator	-	-
51	894 Maintenance of other equipment	7,195	3,936
52	896 Maintenance of power operated equipment	59,804	3,582
53	Total maintenance	427,068	(226,548)
54	Total transmission expenses	\$ 1,117,734	\$ (357,217)

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	36,344	(11,260)
5	903 Customer records & collection expenses	195,406	(31,865)
6	904 Uncollectible accounts	-	(110,107)
7	905 Miscellaneous customer accounts expenses	-	-
8	Total customer accounts expenses	\$ 231,751	\$ (153,232)
9	SALES EXPENSES		
10	Operation:		
11	909 Energy Audit Project	17,477	(3,709)
12	909 Communications expense	-	-
13	912 Demonstrating and selling expenses	-	-
14	913 Advertising expense	22,558	2,968
15	916 Miscellaneous sales expenses	-	-
16	Total sales expenses	\$ 40,035	\$ (740)
17	ADMINISTRATIVE & GENERAL EXPENSES		
18	Operation:		
19	920 Administrative & general salaries	\$ 102,824	\$ (14,305)
20	921 Office supplies & expenses	23,120	(6,097)
21	922 Administrative expenses transferred - Cr.	-	-
22	923 Outside services employed	37,698	(8,946)
23	924 Property insurance	77,715	(13,135)
24	925 Injuries & damages	61,575	11,039
25	926 Employee pension & benefits	842,184	(244,346)
26	928 Regulatory commission expenses	-	-
27	929 Duplicate charges - Cr.	-	-
28	930 Miscellaneous general expenses	15,597	(7,263)
29	931 Reimbursement from Municipal Services	22,843	(5,223)
30	933 Transportation Expenses	-	-
31	Total operations	1,183,557	(288,275)
32	Maintenance:		
33	935 Maintenance of general plant	-	-
34	Total administrative & general expenses	\$ 1,183,557	\$ (288,275)
35			
36	Total Gas Operation & Maintenance Expenses	\$ 9,232,860	\$ (290,861)
37			
38			

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	6,627,212	-	6,627,212
48 Total Production Expenses	6,627,212	-	6,627,212
49 Local storage expenses	-	32,571	32,571
50 Transmission and distribution expenses	690,666	427,068	1,117,734
51 Customer accounts expenses	231,751	-	231,751
52 Sales expenses	40,035	-	40,035
53 Administrative and general expenses	1,183,557	-	1,183,557
54			
55 Total Gas Operation and Maint. Expenses	\$ 8,773,220	\$ 459,639	\$ 9,232,860
56			
57 Ratio of Operating expenses to operating revenues			84%
58			
59 Total Salaries and Wages of gas department for year, including 60 amounts charged to operating expenses, construction and other accounts			\$ 1,304,366
61			
62 Total number of employees of gas department at end of year including 63 administrative, operating, maintenance, construction and other employees			19.5
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							
17							
18							
19							
20							
21							
		TOTALS:	\$0	\$0	\$0	0	\$0

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 Firm	S. Middleboro Border Station Orifice Plate	291,707	\$ 6.5963	\$ 1,924,184
23					
24	Interruptible	S. Middleboro Border Station Orifice Plate	228,460	\$ 5.2063	\$ 1,189,432
25					
26					
27	Bay State Gas Co. Firm	Midd-Lakeville Town Line Rotary Meter Measurement	10,246	\$ 16.1939	\$ 165,923
28	Note: Transport volumes included in Winter Peaking				
29					
30					
31	GDF/Suez Distrigas Firm	S. Middleboro Border Station Orifice Plate	247,156	\$ 7.2985	\$ 1,803,877
32					
33					
34					
35					
36					
		TOTALS	777,569	\$ 6.5376	\$ 5,083,416

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		\$ 27,671	none	\$ 27,671
3					
4	Gas Division - finance charges		4,142	none	4,142
5					
6	Note: Represents pole attachment fees, temporary charges, etc				
7					
8					
9					
10					
11					
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49					
50					
51	Totals	\$ -	\$ 31,814	\$ -	\$ 31,814

Annual Report of:

For the year ended December 31, 2011

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,				-
3	allowances and returns	184,278	90,034		\$ 274,312
4	Contract work				-
5	Commissions				-
6	Other (list according to major classes)				-
7	AVSG CNG Sales		79,132		79,132
8					-
9					-
10	Total Revenues	184,278	169,166	-	353,444
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
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)	\$ 184,278	\$ 169,166	\$ -	\$ 353,444

Middleboro Gas & Electric

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	Generation (excluding station use):	
2	Steam	
3	Nuclear	
4	Hydro	
5	Other	
6	Total Generation	0
7	Purchases	115,911,550
8	Interchanges	
9	In (gross)	
10	Out (gross)	
11	Net (kwh)	147,338,350
12	Transmission for/by others (wheeling)	
13	Received	
14	Delivered	
15	Net (kwh)	0
15	TOTAL	263,249,900
DISPOSITION OF ENERGY		
16	Sales to ultimate consumers (including interdepartmental sales):	252,643,140
17	Sales for resale	
18	Energy furnished without charge	
19	Energy used by the company (excluding station use):	129,471
20	Electric department only	127,993
21	Energy losses:	
22	Transmission and conversion losses	
23	Distribution losses	10,349,296
24	Unaccounted for losses	
25	Total energy losses	10,349,296
26	Energy losses as percent of total on line 15	3.93%
27		
28		263,249,900

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					Type of Reading (f)	Monthly Output (kwh) (see instr. 4) (g)
	Kilowatts (b)	Day of wk (c)	Day of Month (d)	Hour (e)			
January	42,360	Monday	24	7 PM			23,028,224
February	39,900	Tuesday	1	1 PM	60		19,958,057
March	36,780	Thursday	3	7 PM			20,542,284
April	33,150	Monday	4	8 PM	Minute		18,630,491
May	41,540	Monday	30	6 PM			19,779,208
June	52,750	Wednesday	8	5 PM	Integrated		21,885,612
July	63,250	Friday	22	4 PM			27,160,805
August	53,770	Monday	1	3 PM			24,978,019
September	44,990	Thursday	15	3 PM			21,227,673
October	38,830	Monday	10	7 PM			22,014,780
November	38,000	Monday	21	6 PM			21,298,828
December	41,720	Monday	19	6 PM			22,745,919
TOTAL:							263,249,900

Annual Report of:

For the year ended December 31, 2011

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					

GENERATING STATION STATISTICS (Small Stations) Page 66

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

Report of :

For the year ended December 31, 2011

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 Line 1)			
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
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40									
41									
42									
43									
44									
45									
46									
47	TOTALS					10.35	0	2	

* 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 (f) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (h), (i), and (j) 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 means of sale

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 means of sale ownership or lease, give name of co-owner or other party, explain basis of sharing expense of other according between the parties, and state accounts 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)	Overvoltage 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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35											
36											
37											
38											
39											
40											
TOTALS						100,000	3	0		0	0

Annual Report of:

Middleborough Gas & Electric

For the year ended December 31, 2011

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
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

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	17,023	19,657	3,596	182,119.5
17	Additions during year:				
18	Purchased		3,322	1	300.0
19	Installed	2,703			
20	Associated with utility plant acquired				
21	Total additions	2,703	3,322	1	300.0
22	Reductions during year:				
23	Retirements	2,581	5,834	31	1,030.0
24	Associated with utility plant sold				
25	Total reductions	2,581	5,834	31	1,030.0
26	Number at End of Year	17,145	17,145	3,566	181,389.5
27	In stock		2,303	93	
28	Locked meters on customers' premises				
29	Inactive transformers on system			0	0.0
30	In customers' use		14,838	3,467	
31	In company's use		4	6	
32	Number at End of Year		17,145	3,566	0.0

Annual Report of:

For the year ended December 31, 2011

Middleborough Gas & Electric

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 Middleboro	0.2270	0.2270	13,800		
2	Local underground in center of town Middleboro	2.6870	2.6870	120/208		
3	Wareham St. Substation, Middleboro	0.4000	0.7000	13,800		
4	Various Highway Crossings	1.6560	1.6560	13,800		
5	Various Developments - Buried	0.0000	3.3900	7,970		
6	Tinkham Lane & Ashley Place, Lakeville	0.0130	0.0165	120/240		
7	Lakeport Park (off Harding St.) Lakeville	0.0198	0.2370	13,800		
8	Lakeport Park (off Harding St.) Lakeville	0.0110	0.0110	277/480		
9	Various Commercial Developments	3.3900	3.3900	13,800		
10	Various Residential Developments - Ducted	40.9645	47.4945	7,970		
11	Various Developments - Buried	6.8900	21.1802	7,970		
12	New 2004	7.9417	9.2075	7,970		
13	New 2005	3.0500	3.0500	7,970	single phase	
14	New 2005			13,800	phase to phase	
15	New 2006	2.8300	2.8300	13,800		
16	New 2007	4.8400	4.8400	13,800		
17	New 2008	0.0300	0.0300	13,800		
18	New 2009	1.8200	1.8200	13,800		
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34	TOTALS	76.7700	102.7667		0	0

* Indicate number of conductors per cable.

Middleborough Gas & Electric

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	1,751	24	7	237	29				921	533
2											
3	Lakeville	328			21	14				56	237
4											
5											
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49											
50											
51											
52	TOTALS	2,079	24	7	258	43	0	0	977	770	

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							
3					NONE		
4							
5							
6							
7	TOTAL	0	0	0	0	0	0
8							
9	Gas Purchased						
10	Natural	755,647	130,698	104,817	91,105	52,441	37,864
11	Other	0	0	0	0	0	0
12							
13	TOTAL	755,647	130,698	104,817	91,105	52,441	37,864
14							
15	TOTAL MADE AND PURCHASED	755,647	130,698	104,817	91,105	52,441	37,864
16							
17	Net Change in Holder						
18	GasLNG.....	(198)	135	(246)	(269)	(277)	(307)
19							
20	TOTAL SENDOUT	755,449	130,833	104,571	90,836	52,164	37,557
21							
22							
23							
24	Gas Sold	746,653	126,841	91,301	81,953	48,002	35,495
25	Gas Used by Company	1,255	384	264	197	77	18
26	Gas Accounted for	747,908	127,225	91,565	82,150	48,079	35,513
27	Gas Unaccounted for	7,541	3,608	13,006	8,686	4,085	2,044
28							
29	% Unaccounted for (0.00%)	1.00%	2.76%	12.44%	9.56%	7.83%	5.44%
30							
31							
32	Sendout in 24 hours in MCF						
33	Maximum - MCF	5,346	5,346	4,537	4,800	2,774	1,743
34	Maximum Date	1/24	1/24	2/3	3/21	4/1	5/10
35	Minimum - MCF	426	2,443	1,587	2,244	614	740
36	Minimum Date	8/28	1/1	2/18	3/18	4/28	5/28
37							
38							
39							
40					1,030	per Cubic Foot	
41	B. T. U. Content of Gas Delivered to Customer						

Annual Report of:

For the year ended December 31, 2011

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			
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14			
15			
16			
17			
18	TOTAL		2,160
19			

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 2 3 4 5	N/A						
SCRUBBERS, CONDENSERS AND EXHAUSTERS. 24 HOUR CAPACITY (MCF)							
Line No.	Location	Kind of Gas			Total Capacity		
17 18 19 20 21 22 23 24	Scrubbers Condensers Exhausters	N/A N/A N/A					
PURIFIERS							Page 76
Line No.	Location	Kind of Gas Purified	Kind of Purifying Materials	Estimated 24 Hour Capacity			
1 2 3 4 5 6 7	N/A						
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 21 22 23 24 25	N/A						

Annual Report of:

For the year ended December 31, 2011

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"	47,249	272	(10)	(720)	46,791
3	6"	14,681			(6,171)	8,510
4	8"	2,763				2,763
5	Total C.I.	64,693	272	(10)	(6,891)	58,064
6						
7	1"	1,400				1,400
8	1 1/2"	0				0
9	2"	22,096				22,096
10	3"	0				0
11	4"	32,183	139		(2,462)	29,860
12	6"	21,711			(5,958)	15,753
13	8"	49,150				49,150
14	Total Welded Steel	126,540	139	0	(8,420)	118,259
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"	7,339	315			7,654
26	2"	140,235	3,213	(2)	(170)	143,276
27	3"	5,644				5,644
28	4"	91,083	887	(2)	(21)	91,947
29	6"	81,269	1,021		(80)	82,210
30	8"	20,549				20,549
31	Total Plastic	348,279	5,436	(4)	(271)	353,440
32						
33	Total	540,190	5,847	(14)	(15,582)	530,441

Normal Operating Pressure - Mains and Lines -	Maximum	100	psig
	Minimum	7"	W.C
Normal Operating Pressure - Services -	Maximum	100	psig
	Minimum	7"	W.C

Annual Report of:

For the year ended December 31, 2011

Middleborough Gas & Electric

GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS

Line No	Item	Gas Services	House Governors	Meters
1	Number at beginning of Year	4,242	4,374	5,392
2	Additions during year:			
3	Purchased		83	111
4	Installed	82		
5	Associated with Plant acquired ..			
6				
7	Total Additions	82	83	111
8				
9	Reductions during year:			
10	Retirements	(3)	(72)	(194)
11	Associated with plant sold			
12				
13	Total Reductions	(3)	(72)	(194)
14				
15	Number at End of Year	4,321	4,385	5,309
16				
17				
18	In Stock			126
19	On Customers' Premises - Inactive			103
20	On Customers' Premises - Active			5,074
21	In Company Use			6
22				
23	Number at End of Year			5,309
24				
25				
26	Number of Meters Tested by State Inspectors			
27	During Year			806
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	2/01/92	124	Res. Electric Service		
2			Schedule R-1 & R-6		
3	2/01/92	125	Res. Electric Service		
4			with Water Heating		
5			Schedule RW-82		
6	2/01/92	128	Mun. Electric Light		
7			Service Schedule M-7		
8	2/01/92	129	Mun. Electric Power		
9			Service Schedule M-8		
10	2/01/92	130	Area St. Lighting		
11			Schedule SL-60		
12	2/01/92	131	Res. Ele Service Without		
13			Water Heating Elderly		
14			Schedule R-10 & R-91		
15	2/01/92	132	Res. Electric Service with		
16			Water Heating Elderly		
17			Schedule RW-83		
18	2/01/92	135	Firm Transmission Service		
19			Schedule FTS		
20	2/01/92	136	Interruptible Trans. Service		
21			Schedule ITS		
22	07/01/90	138	Purchase Gas Adjustment Clause		
23			Schedule PGA		
24	07/01/90	139	Res. Gas Service		
25			Schedule R-11 & R-19		
26	07/01/90	140	Comm. & Ind. Gas General		
27			Service Schedule C-12, I-14 & A/C 18		
28	07/01/90	141	Comm. & Ind. Gas Heating Service		
29			Service Schedule C-13, I-15 & A/C 18		
30	07/01/90	142	Municipal Gas Service		
31			Schedule M-17 & 71		
32	07/01/90	143	Outdoor Gas Lighting Service		
33			Schedule GL		
34	07/01/90	144	Res. Gas Service Elderly		
35			Schedule R-88, 89 & 96		
36			Service Availability		
37	07/12/95	148	Commercial & Industrial General Service		
38			Schedules C-2,C-3,I-2,and I-5		
39	07/12/95	149	Large Power Primary - Schedules C-40 & I 40		
40	07/12/95	150	Large Light & Power Secondary - Schedules C 41 & I 41		
41	07/12/95	151	Purchase Power Adjustment - PPA Clause - Schedule PPA		
42	07/12/95	152	Commercial & Industrial Gas Air Cond Service		
43			Schedule A/C 18		
44	02/01/00	156	Load Retention Rate LR-Cancelled March 1, 2009		
45	09/01/00	157	General Service Demand - Schedules C-41, I-41		
46	09/01/00	158	Large General Service - Schedules C-40, I-40, C-401, 402, 403, 404		
47	03/01/09	159	Revised Load Retention Rate LR		
48	11/09/10	160	Renewable Energy Buyback Rate		
49					

Middleborough Gas & Electric

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor,
Jacqueline L. Crowley _____
Manager of Electric Light

John F. Healey
Thomas C. Quincy
Michael...

Peter Montg...
John...

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.