THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF THE

TOWN OF

MIDDLEBOROUGH

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31,

2023

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

Kristin Newell

Official title:

Accounting Manager

Office address:

32 South Main Street Middleborough, MA 02346

Form AC-19

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,

2023

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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Gas and Electric

Dec 15, 1893 and

Approximately 1895

Dec 28, 1893

252

97

601

116

Middleborough Gas & Electric

Middleborough Gas & Electric

GENERAL INFORMATION

- 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:

* Owner from whom purchased, if so acquired:

* Date of votes to acquire a plant in accordance

with the provisions of Chapter 164 of the General Laws:

* Record of votes: First vote: Yes,
* Record of votes: First vote: No,
* Record of votes: Second vote: Yes,
* Record of votes: Second vote: No,

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

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) Mark Germain Middleborough, MA
 - 2) Brian Giovanoni Middleborough, MA
 - 3) Neil Rosenthal Middleborough, MA
 - 4) Thomas White Middleborough, MA
- 5. Name and address of town (or city) treasurer:
- R. Renee Fernandes 20 Center St., Middleboro, MA
- 6. Name and address of town (or city) clerk:

Pamela Menconi - 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) Ellen M. Farley Middleborough, MA
 - 5) Larissa A. Hansen-Hallgren Middleborough, MA
- 8. Total valuation of estates in town (or city) according to last State valuation:

according to lact state valuation.

9. Tax rate for all purposes during the year:

Residential \$13.54 per 1000

Commercial \$14.35 per 1000

10. Amount of manager's salary: \$208,811

11. Amount of manager's bond:

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

None

\$4,172,686,855

			Amount
INCOME FROM PRIVATE	CONSUMERS:		
From sales of gas			\$12,439,672
From sales of electricity			40,705,720
		TOTAL:	\$53,145,392
EXPENSES:		TOTAL	Ψ33,143,392
For operation, maintenance	ce and repairs		47,093,078
For interest on bonds, note			0
For depreciation fund (5	•		4,228,920
For sinking fund requirement	•		,,,
For note payments			
For bond payments			
For loss in preceding year	·		
,			
COST:		TOTAL:	\$51,321,998
	sicinal buildings		572,202
Of gas to be used for mun			0.00
Of glastricity to be used for			•
Of electricity to be used for			1,557,138
Of electricity to be used fo Total of the above items to			73,047
	o be included in the		
tox love			
tax levy			
New construction to be inc			
	cluded in the tax levy		\$2,202,387
New construction to be inc	cluded in the tax levy		\$2,202,387
New construction to be inc	cluded in the tax levy	;	\$2,202,387
New construction to be inc	cluded in the tax levy		\$2,202,387
New construction to be inc	cluded in the tax levy		\$2,202,387 Number of Customers Meters, Dec. 31
New construction to be inc	cluded in the tax levy ded in the tax levy CUSTOMERS		Number of Customers
New construction to be inc	cluded in the tax levy ded in the tax levy CUSTOMERS City or Town		Number of Customers Meters, Dec. 31
New construction to be inc	cluded in the tax levy ded in the tax levy CUSTOMERS City or Town	TOTAL:	Number of Customers Meters, Dec. 31
New construction to be included amounts to be included amounts.	cluded in the tax levy ded in the tax levy CUSTOMERS City or Town		Number of Customers Meters, Dec. 31
New construction to be included amounts to be included amounts.	cluded in the tax levy ded in the tax levy CUSTOMERS City or Town		Number of Customers Meters, Dec. 31
New construction to be inc	cluded in the tax levy ded in the tax levy CUSTOMERS City or Town Middleboro		Number of Customers Meters, Dec. 31 6,072 Number of Customers
New construction to be included amounts to be included amounts.	City or Town City or Town City or Town		Number of Customers Meters, Dec. 31 6,072 Number of Customers Meters, Dec. 31
New construction to be included amounts to be included amounts.	City or Town City or Town Middleboro		Number of Customers Meters, Dec. 31 6,072 Number of Customers Meters, Dec. 31

Annual Report of:

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
 \$73,047

 2. Municipal buildings
 \$2,129,340

TOTAL: \$2,202,387

CHANGES IN THE PROPERTY

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

In electric property:

Ongoing upgrade to electric distribution system and equipment

In gas property:

Ongoing upgrade to gas distribution system and equipment

.

BONDS

(Issued on Account of Gas or Electric Lighting)

			Amount of		of Payments		Interest	
Line Io	When Authorized	n Authorized Date of Issue	Original Issue	Amounts	When Payable	Rate	When Payable	Amount Outstanding at end of Year
1 2 3 4 5	April, 1987	March. 1988	\$1,250,000	Varies	Semi Annually	7.10	February August	\$0 Fully paid in 2000
6 7 8 9	June, 1988	September 1988	\$1,500,000	Varies	Semi Annually	5.07	February August	\$0 Fully paid in 2000
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.

TOWN NOTES

(Issued on Account of Gas or Electric Lighting)

			Amount of	Period	of Payments		Interest	
Line No	When Authorized	Date of Issue	Original Issue	Amounts	When Payable	Rate	When Payable	Amount Outstanding at end of Year
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.

Middlehorough Cas & Flactric

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

	TOTAL		ough Gas & . ANT ELEC	FRIC - Continue	ed		
Line		Balance Beginning	Additions	Datimomorato	Adiustus uta	Turneferre	Balance End
No.	Account	of Year	Additions	Retirements	-	Transfers	of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	C. Hydraulic Production Plant	\$0					ФО.
2	330 Land & Land Rights	·					\$0
3	331 Structures & Improvements	0					0
4	332 Reservoirs, Dams & Waterways	0	None				0
5	333 Water Wheels, Turbines & Gene	0	none				0
6	334 Accessory Electric Equipment 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	φυ	φυ	φυ	ΨΟ	φυ	ΨΟ
11	340 Land & Land Rights	\$0					\$0
12	341 Structures & Improvements	392,895					392,895
13	342 Fuel Holders. Producers & Acce	392,093					392,093 N
14	343 Prime Movers	0					0
15	344 Generators	2,941,442	32,349	0			2,973,791
16	345 Accessory Electric Equipment	0	02,040				2,373,731
17	346 Misc. Power Plant Equipment	0					0
18	Total Other Production Plant	\$3,334,337	\$32,349	\$0	\$0	\$0	\$3,366,686
19	TOTAL PRODUCTION PLANT	\$3,334,337	\$32,349	\$0	\$0	\$0	\$3,366,686
20	3. TRANSMISSION PLANT	ψο,σο 1,σο1	ψ02,010	ΨΟ	ΨΘ	ΨΟ	φο,σσσ,σσσ
21	350 Land & Land Rights	\$162,052					\$162,052
22	351 Clearing Land & Rights of Way	108,562					108,562
23	352 Structures & Improvements	3,569,938	10,650				3,580,588
24	353 Station Equipment	2,175,967	18,142	(1,960)			2,192,149
25	354 Towers & Fixtures	0	. 5, 2	(1,550)			_, .52,0
26	355 Poles & Fixtures	1,716,369					1,716,369
27	356 Overhead Conductors & Device	567,989					567,989
28	357 Underground Conduit	0					0
29	358 Underground Conductors & Dev	61,970					61,970
30	359 Roads & Trails	697					697
31	Total Transmission Plant	\$8,363,545	\$28,792	(\$1,960)	\$0	\$0	\$8,390,377

	TOTAL		ANT ELECT	TRIC - Continue	d		
Line		Balance Beginning					Balance End
No.	Account	of Year	Additions	Retirements	Adjustments	Transfers	of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	4. DISTRIBUTION PLANT						
2	360 Land & Land Rights	\$156,238					\$156,238
3	361 Structures & Improvements	123,102	2,123				125,225
4	362 Station Equipment	1,205,064					1,205,064
5	363 Storage Battery Equipment	0					0
6	364 Poles, Towers & Fixtures	4,514,123	182,025	(60,000)			4,636,149
7	365 Overhead Conductors & Device	18,129,356	406,493	(44,600)			18,491,249
8	366 Underground Conduit	317,839	1,295				319,134
9	367 Underground Conductors & Dev	3,259,069	402,203				3,661,272
10	368 Line Transformers	11,970,792	331,033	(26,000)			12,275,825
11	369 Services	2,403,401	81,797				2,485,198
12	370 Meters	2,584,786	56,345	(1,000)			2,640,131
13	371 Installations on Customer's Pre	0					0
14	372 Leased Property on Customer's	0					0
15	373 Street Lighting & Signal System	810,379	21,591	(2,600)			829,370
16	Total Distribution Plant	\$45,474,150	\$1,484,905	(\$134,200)	\$0	\$0	46,824,855
17	4. GENERAL PLANT						
18	389 Land & Land Rights	\$0					\$0
19	390 Structures & Improvements	1,913,938					\$1,913,938
20	391 Office Furniture & Equipment	2,601,419	54,644	(47,240)			2,608,823
21	392 Transportation Equipment	2,987,805	253,017				3,240,821
22	393 Stores Equipment	0	·				0
23	394 Tools, Shop & Garage Equipme	610,587	9,726				620,313
24	395 Laboratory Equipment	100,655	15,390				116,044
25	396 Power Operated Equipment	292,772	,				292,772
	397 Communication Equipment	1,602,391	180,399	(15,400)			1,767,390
27	398 Misc. Equipment	97,577					97,577
28	399 Other Tangible Property	0					0
29	Total General Plant	\$10,207,144	\$513,175	(\$62,640)	\$0	\$0	\$10,657,679
30	Total Electric Plant In Service	\$67,379,175	\$2,059,221	(\$198,800)	\$0	\$0	\$69,239,597
31	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, , , , , , , , , , ,		Total Cost of E	V ~	1	\$69,239,597
32				. 5.0. 500. 01 L			¥00,200,001
33			Less Cost of	Land, Land Rig	ihts. Right of V	Vav	(\$427,550)
34				oon which Depr			\$68,812,047

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Middleborough Gas & Electric

TOTAL COST OF PLANT -- GAS Balance Balance Line **Beginning** End No. of Year **Additions** Retirements **Adjustments Transfers** of Year Account (a) (b) (c) (d) (e) (f) (g) 1 1. INTANGIBLE PLANT 2 301 Organization \$0 \$0 3 303 Miscellaneous Intangible Plant 0 0 \$0 \$0 \$0 \$0 \$0 4 Total Intangible Plant \$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 \$0 307 Other Power Equipment 10 \$0 310 Water Gas Generating Equipment 11 \$0 12 311 Liquefied Petroleum Gas Equipmen 140,977 \$140,977 13 312 Oil Gas Generating Equipment \$0 \$0 14 313 Generating Equipment 15 **B. Other Processes** 16 315 Catalytic Cracking Equipment \$0 17 316 Other Reforming Equipment \$0 18 317 Purification Equipment 1,679 \$1,679 318 Residual Refining Equipment 19 \$0 20 319 Gas Mixing Equipment 1,012 \$1,012 21 320 Other Equipment 41,965 \$41,965 22 **Total Manufactured Gas Production Plant** \$228,357 \$0 \$0 \$0 \$0 \$228,357 2. STORAGE PLANT 23 360 Land & Land Rights 24 \$0 \$0 25 361 Structures & Improvements 5,683 5,683 26 362 Gas Holders 0 0 27 363 Other Equipment 32,607 32,607

\$38,290

\$0

\$0

\$0

\$0

\$38,290

Total Storage Plant

Total Cost upon which Depreciation is based \$20,411,669

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Middleborough Gas & Electric

		TOTA	L COST OF PI	_ANT GAS	- Continued			
Line			Balance Beginning					Balance End
No.		Account	of Year	Additions	Retirements	Adjustments	Transfers	of Year
	4 -	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1		RANSMISSION & DISTRIBUTION PLA	ı					ΦE 905
2		Land & Land Rights	\$5,895					\$5,895
3		Right of Way	20.040					20.040
4		Structures & Improvements Gas Mains	30,848	270 607	(22.500)			30,848
5			7,990,189	270,697	(32,500)			8,228,386
6		Compressor Station Equipment	77.224					77.224
7	369	Measuring and Regulating Station E	77,324 0					77,324
8	200	Station Equipment	_	242.224	(4.000)			4 400 056
9		Services	4,194,022	212,334	(4,000)			4,402,356
10		Meters	2,231,501	51,809	(7,600)			2,275,710
11		Meter Installations	64,470					64,470
12		House Regulators	911					911
13		Other Property on Customers Premi	l					18,925
14	387	Other Equipment	13,657	#504.040	(0.4.4.400)	40		13,657
15		Total Distribution Plant	\$14,627,743	\$534,840	(\$44,100)	\$0	\$0	\$15,118,483
16		4. GENERAL PLANT	•					
17		Land & Land Rights	\$0		(4.555)			\$0
18		Structures & Improvements	1,921,691	12,613	(1,960)			1,932,343
19		Office Furniture & Equipment	1,050,572	109,996	(8,300)			1,152,268
20		Transportation Equipment	587,109	141,929	(49,199)			679,839
21		Stores Equipment	0					0
22		Tools, Shop & Garage Equipment	328,413	832				329,245
23		Laboratory Equipment	402,286	12,928				415,214
24		Power Operated Equipment	289,797		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			289,797
25		Communication Equipment	62,995	_,_,	(11,800)			51,195
26		Miscellaneous Equipment	135,885	51,618				187,504
27	399	Other Tangible Property	0					0
28		Total General Plant	\$4,778,747	\$329,916	(\$71,259)	\$0	\$0	\$5,037,404
29		Total Gas Plant In Service	\$19,673,137	\$864,756	(\$115,359)	\$0	\$0	\$20,422,534
30					Total Cost of G	as Plant		\$20,422,534
31								
32				Les	s Cost of Land,	Land Rights, R	ight of Way	(\$10,865
				_				

	Middleborough Gas & Electric COMPARATIVE BALANCE SHEET Assets and Other Debits										
		1 5.									
l	T:0 6 A	Balance	D 1								
Line	Title of Account	Beginning of	Balance	Increase							
No.	(a)	Year	End of Year	or (Decrease)							
		(b)	(c)	(d)							
1	UTILITY PLANT			/****							
2	101 Utility Plant, Net - Electric (P.17)	\$19,428,143	\$18,556,488	(\$871,655)							
3	101 Utility Plant, Net - gas (P.20)	2,673,641	2,642,055	(31,586)							
4				-							
5	Total Utility Plant, Net	22,101,784	21,198,542	(903,241)							
6											
7											
8											
9											
10											
11	FUND ACCOUNTS										
12	125 Sinking Funds										
13	126 Depreciation Fund (P. 14)	7,830,289	9,330,612	1,500,323							
14	128 Other Special Funds	6,465,485	6,773,974	308,489							
15	Total Funds	14,295,774	16,104,586	1,808,812							
16	CURRENT AND ACCRUED ASSETS										
17	131 Cash (P. 14)	31,824,314	35,821,128	3,996,813							
18	· · ·	8,098,828	9,040,333	941,505							
19	. , ,	3,063,009	3,131,316	68,307							
20	•	_		,							
21	142 Customer Accounts Receivable	5,133,301	4,583,368	(549,933)							
22	143 Other Accounts Receivable	_		, , ,							
23	146 Receivables from Municipality	_									
	151 Materials and Supplies (P.14)	2,573,687	2,563,568	(10,118)							
25		_	, , , , , , , , ,	(-, -,							
26	·	55,414	268,046	212,632							
27	174 Miscellaneous Current Assets	38,610	38,610								
28	Total Current and Accrued Assets	50,787,165	55,446,370	4,659,205							
29	DEFERRED DEBITS	23,. 3.,.30	,,	1,000,200							
30		_	_	_							
31	182 Extraordinary Property Losses										
32	185 Other Deferred Debits	6,146,239	6,152,052	5,813							
33	Total Deferred Debits	6,146,239	6,152,052	5,813							
34	Total Boloffed Bobits	0,140,200	0,102,002	0,010							
35	Total Assets and Other Debits	\$ 93,330,961	\$ 98,901,550	\$ 5,570,589							
	Total 7 000to and Othor Dobito	9 30,000,001	00,001,000	ψ 0,070,009							
				l							

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COMPARATIVE BALANCE SHEET Liabilities and Other Credits Balance Line Beginning of Title of Account Balance Increase No. (a) Year End of Year or (Decrease) (b) (c) (d) **APPROPRIATIONS** 1 2 201 Appropriations for Construction \$ \$ \$ 3 **SURPLUS** 205 Sinking Fund Reserves 4 5 206 Restricted for Other Employment Benefits Obligation 207 Appropriations for Construction Repayments 6 7 208 Unappropriated Earned Surplus (P.12) 56,756,940 61,049,388 4.292.448 8 **Total Surplus** 56,756,940 61,049,388 4,292,448 LONG TERM DEBT 9 10 221 Bonds (P.6) 231 Notes Payable (P.7) 11 12 **Total Bonds and Notes** 13 CURRENT AND ACCRUED LIABILITIES 3,030,590 14 232 Accounts Payable 4.080.080 (1,049,490)15 234 Payables to Municipality 16 235 Customer' Deposits 492,210 642,947 150,737 17 236 Taxes Accrued 18 237 Interest Accrued 19 242 Miscellaneous Current and Accrued Liabilities 1,529,655 1,405,000 (124,655)20 **Total Current and Accrued Liabilities** 6,101,944 5,078,537 (1,023,407)21 **DEFERRED CREDITS** 22 251 Unamortized Premium on Debt 23 252 Customer Advances for Construction 24 253 Other Deferred Credits 13,235,485 15,856,974 2,621,489 25 **Total Deferred Credits** 13,235,485 15,856,974 2,621,489 26 **RESERVES** 27 260 Reserves for Uncollectible Accounts 28 261 Property Insurance Reserve 29 262 Injuries and Damages Reserves 30 263 Pensions and Benefits 15,658,642 15,211,475 (447, 167)31 265 Miscellaneous Operating Reserves 32 **Total Reserves** 15,211,475 (447, 167)15,658,642 CONTRIBUTIONS IN AID OF 33 34 CONSTRUCTION 271 Contributions in Aid of Construction 35 1,577,950 1,705,175 127,225 36 37 Total Liabilities and Other Credits \$ 93,330,961 | \$ 98,901,550 | \$ 5,570,588 38 39 State below if any earnings of the municipal lighting plant have been used for any purpose other than 40 discharging indebtedness of the plant, the purpose for which used, and the amount thereof. 41 42

For the year ended December 31, 2023

Middleboro Gas & Electric

STATEMENT OF INCOME FOR THE YEAR

		To	otal
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P.37 and 43)	\$ 55,816,160	\$ 638,387
3	Operating Expenses:		
4	401 Operation Expense (P. 42 & 47)	45,425,981	952,087
5	402 Maintenance Expense (P. 42 and 47)	3,980,098	468,352
6	403 Depreciation Expense	4,330,695	95,133
7	407 Amortization of Property Losses	(101,775)	(8,200)
8	408 Taxes (P. 49)	0	
10	Total Operating Expenses	53,634,998	1,507,372
11	Operating Income	2,181,162	(868,985)
12	414 Other Utility Operating Income (P. 50)	35,199	43
13	The Suiter Suitey Sportaining most in (1.30)	00,100	
14	Total Operating Income	2,216,361	(868,942)
15	OTHER INCOME	, ,	
16	415 Income from Merchandising, Jobbing and Contract Work (P.51)	1,431,472	1,037,357
17	419 Interest Income	1,126,444	1,357,212
18	421 Miscellaneous Nonoperating Income (Loss)	290,454	241,337
19	Total Other Income	2,848,370	2,635,906
20	Total Income	5,064,731	1,766,964
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	5,064,731	1,766,964
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
33	NET INCOME	\$5,064,731	\$ 1,766,964

Annual Report of:

Middleboro Gas & Electric

		EARNED SURPLUS			
Line				Debits	Credits
		(a)		(b)	(c)
No.		()		(-)	(-)
34	208	Unappropriated Earned Surplus (at beginning of period)			\$ 56,756,940
35					
36					
37	433	Balance Transferred from Income			5,064,731
38		Miscellaneous Credits to Surplus (P. 21)			
39		Miscellaneous Debits to Surplus (P. 21)		772,282	
40		Appropriations of Surplus (P. 21) for OPEB		0	
41		Surplus Applied to Depreciation			
42	208	Unappropriated Earned Surplus (at end of period)			61,049,388
43			ļ		
44		Totals	s∥ \$	772,282	\$ 5,064,731

STATEMENT OF INCOME FOR THE YEAR

				Gas					
	Account			Increas	e or			Inc	rease or
				(Decrease				```	rease) from
Line		Current		Preceding	g Year	Current Yea	r	Prec	eding Year
No.	(a)	(b))	(c)		(b)			(c)
1	OPERATING INCOME								
2	400 Operating Revenues (P.37 and 43)	\$ 42	.702,362	\$ 4	13,287	\$ 13,113,7	98	\$	225,100
3	Operating Expenses:	,	.,. 02,002	,	.0,20.	Ψ,,.		Ψ	220,.00
4	401 Operation Expense (P. 42 & 47)	33	,670,665	(1	17,961)	11,755,3	16		1,070,047
5	402 Maintenance Expense (P. 42 and 47)	3	,119,193	4	01,836	860,9	05		66,517
6	403 Depreciation Expense	3	,347,581		57,694	983,1	14		37,439
7	407 Amortization of Property Losses		(101,775)		(8,200)				0
8									
9	408 Taxes (P. 49)		0		0	10.500.0	0		0
10	Total Operating Expenses	40	,035,664	3	33,369	13,599,3	34		1,174,003
11	Operating Income	2	,666,698		79,918	(485,5	36)		(948,903)
12	414 Other Utility Operating Income (P. 50)		30,025		(518)	5,1	74		560
13									
14	Total Operating Income	2	,696,722		79,401	(480,3	62)		(948,343)
15	OTHER INCOME								
16	415 Income from Merchandising, Jobbing and Contract Work (P.51)		130,409		19,059	1,301,0	63		1,018,298
17	419 Interest Income	1	,011,072	1,2	77,839	115,3	72		79,373
18	421 Miscellaneous Nonoperating Income (Loss)		289,644	2	41,666	8	11		(328)
19	Total Other Income	1	,431,125	1,5	38,563	1,417,2	46		1,097,343
20	Total Income	4	,127,847	1,6	17,964	936,8	84		149,000
21	MISCELLANEOUS INCOME DEDUCTIONS		. ,	,	,				,
22	425 Miscellaneous, net		0		0		0		0
23	426 Other Income (Deductions)		0		0				0
24	Total Income Deductions		0		0		0		0
25	Income Before Interest Charges	4	,127,847	1,6	17,964	936,8	84		149,000
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	\$ 4,1	127,847	\$ 1,61	7,964	\$ 936,8	34	\$	149,000

45 46

Annu	al Report of: For the y Middleborough Gas & Electric	ear ended D	ecember 31, 2023
	CASH BALANCES AT END OF YEAR (Account 13	31)	
Line No.	Items (a)		Amount (b)
1 2 3 4	Operation Fund Pension Sinking Fund Deposit Fund		\$ 35,821,128 8,408,646 631,687
5 6 7		Total	44,861,461
	MATERIALS & SUPPLIES (Accounts 151 - 159, 10 Summary Per Balance Sheet	63)	
		Amour	t End of Year
Line	Account	Electric	Gas
No.	(a)	(b)	(c)
13 14 15 16 17 18 19	Fuel (Account 151) (See Schedule, Page 25) Fuel Stock Expenses (Account 152) Residuals (Account 153) Plant Materials & Operating Supplies (Account 154) Merchandise (Account 155) Other Materials & Supplies (Account 156) Nuclear Fuel Assemblies & Components - In Reactor (Account 157)	2,116,433	21,803 425,332 0
20 21 22	Nuclear Fuel Assemblies & Components - Stock Account (Account 158) Nuclear Byproduct Materials (Account 159) Stores Expense (Account 163)		
23	Total Per Balance Sheet	2,116,433	447,136
	DEPRECIATION FUND ACCOUNT (Account 126	3)	
Line No.	(a)		Amount (b)
24 25 26 27 28 29	DEBITS Balance of account at beginning of year Income during year from balance on deposit Amount transferred from income Contribution In Aid of Construction		7,830,289 446,877
30	Depreciation Allowance		4,330,695
31		Total	
32 33			
34 35 36 37	CREDITS Amount expended for construction purposes (Sec. 57, C. 164 of G.L.) Amounts expended for renewals, viz:		3,277,249
38 39 40 41 42 43	Capital Improvements Principal Payments		
44	Balance on hand at end of year		9,330,612
45		Total	\$ 12,607,861
46			I

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

Annual Report of: Middlehorough Gas & Electric

	Middleborough Gas & Ele	ctric					
		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 2 3 4 5 6 7 8	C. Hydraulic Production Plant 330 Land & Land Rights 331 Structures & Improvements 332 Reservoirs, Dams & Waterways 333 Water Wheels, Turbines & Gene 334 Accessory Electric Equipment 335 Misc. Power Plant Equipment 336 Roads, Railroads & Bridges	None	None				\$0 \$0 \$0 \$0 \$0 \$0 \$0
9	Total Hydraulic Production Plant	\$0	\$0	\$0	\$0	\$0	\$0
10 11 12 13 14 15 16 17	D. Other Production Plant 340 Land & Land Rights 341 Structures & Improvements 342 Fuel Holders, Producers & Acces 343 Prime Movers 344 Generators 345 Accessory Electric Equipment 346 Misc. Power Plant Equipment	\$965,909	- 32,349	(\$40,987) (\$125,730)			\$0 \$273,890 \$0 \$0 \$872,528 \$0 \$0
18	Total Other Production Plant	\$1,280,786	\$32,349	(\$166,717)	\$0	\$0	\$1,146,418
19 20 21	Total Production Plant 3. TRANSMISSION PLANT 350 Land & Land Rights	\$1,280,786 \$162,052	\$32,349	(\$166,717)	\$0	\$0	\$1,146,418 \$162,052
22 23 24	351 Clearing Land & Rights of Way 352 Structures & Improvements 353 Station Equipment	108,562 3,322,668 1,696,255	10,650 18,142	(64,908) (39,563)		- - -	108,562 3,268,410 1,674,833
25 26 27	354 Towers & Fixtures 355 Poles & Fixtures 356 Overhead Conductors & Devices	0 625,736 209,887	-	(31,207) (10,327)		- -	0 594,530 199,560
28 29 30	357 Underground Conduit 358 Underground Conductors & Dev 359 Roads & Trails	209,007 0 17,102 697	- -	(1,127)		- - -	0 15,976 697
31	Total Transmission Plant	\$6,142,959	\$28,792	(\$147,132)	\$0	\$0	\$6,024,620
				(, , , , , , , , , , , , , , , , , , ,			* * * * * * * * * * * * * * * * * * *

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	(5)	(0)	(4)	(0)	(1)	(9)
2	360 Land & Land Rights	\$156,238	_			_	\$156,238
3	361 Structures & Improvements	0	2,123			_ [2,123
4	362 Station Equipment	1,283		(400)		_	883
5	363 Storage Battery Equipment	(0)	_	(100)		_	(0)
6	364 Poles. Towers & Fixtures	521,973	182,025	(162,683)		_	541,315
7	365 Overhead Conductors & Devices	3,535,351	406,493	(1,101,862)		_	2,839,982
8	366 Underground Conduit	21,050	1,295	(6,561)		-	15,784
9	367 Underground Conductors & Dev	486,558	402,203	(151,645)		-	737,116
10	368 Line Transformers	1,188,560	331,033	(370,438)		-	1,149,155
11	369 Services	359,787	81,797	(112,135)		-	329,449
12	370 Meters	1,820,071	56,345	(567,261)		-	1,309,155
13	371 Installations on Customers Prem	0	-	,		-	0
14	372 Leased Property on Cust's Prem	0	-			-	0
15	373 Street Lighting & Signal Systems	161,679	21,591	(50,391)		-	132,880
16	Total Distribution Plant	\$8,252,549	\$1,484,905	(\$2,523,376)	\$0	\$0	\$7,214,079
17	5. GENERAL PLANT						
18	389 Land & Land Rights	\$0	-			-	\$0
19	390 Structures & Improvements	317,425	-	(59,126)		-	258,299
20	391 Office Furniture & Equipment	598,723	54,644	(111,523)		-	541,843
21	392 Transportation Equipment	1,189,747	253,017	(221,612)		-	1,221,152
22	393 Stores Equipment	0	-			-	0
23	394 Tools, Shop & Garage Equipmer	138,592	9,726	(25,815)		-	122,503
24	395 Laboratory Equipment	8,228	15,390	(1,533)		-	22,085
25	396 Power Operated Equipment	50,354	-	(9,379)		-	40,974
26	397 Communications Equipment	435,131	180,399	(81,051)		-	534,478
27	398 Misc. Equipment	1,707	-	(318)		-	1,389
28	399 Other Tangible Property	0	-				0
29	Total General Plant	\$2,739,905	\$513,175	(\$510,357)	\$0	\$0	\$2,742,723
30	Total Electric Plant in Service	\$18,416,200	\$2,059,221	(\$3,347,581)	\$0	\$0	\$17,127,841
31	104 Utility Plant Leased to Others	\$0					\$0
32	106 Completed Construction Not Cla	0					0
33	107 Construction Work in Progress	1,011,942	435,729	(00.047.50.1)		(19,024)	1,428,647
34	Total Utility Plant Electric	\$19,428,143	\$2,494,950	(\$3,347,581)	\$0	(\$19,024)	\$18,556,488

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151) KINDS OF FUEL AND OIL Total Line Item Cost Quantity Quantity Cost Cost No. (a) (b) (c) (d) (e) (f) On Hand Beginning of Year..... Received During Year..... 2 3 4 **TOTAL** 0 0 0 0 0 5 6 Used During Year (Note A)...... 7 8 NONE 9 10 Sold or Transferred..... 11 12 TOTAL DISPOSED OF 0 13 0 0 0 0 14 0 0 15 BALANCE END OF YEAR 0 0 0 16 17 KINDS OF FUEL AND OIL Item Quantity Cost Quantity Cost 18 19 (h) (i) (j) (k) (a) 20 On Hand Beginning of Year..... 21 22 23 Received During Year..... 24 25 **TOTAL** 0 0 0 26 27 Used During Year (Note A)..... 28 29 **NONE** 30 31 Sold or Transferred..... 32 33 0 34 TOTAL DISPOSED OF 0 0 0 35 36 BALANCE END OF YEAR 0 0 0 0 37 38 39 40

UTILITY PLANT - GAS

Line No.	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	1. INTANGIBLE PLANT						
2			Φ.0	00	40	0.0	-
3	<u> </u>	-	\$0	\$0	\$0	\$0	-
4	2 DECELECTION DIANT						
5	PRODUCTION PLANT A. Manufactured Gas Production Plant						
6	304 Land & Land Rights	4,970					4,970
8	305 Structures & Improvements	4,970	-				4,970
9	306 Boiler Plant Equipment	-	_				-
10	307 Other Power Equipment	(0)	_				(0)
11	310 Water Gas Generation Equipment	- (0)	_				- (0)
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	4,970	\$0	\$0	\$0	\$0	4,970
23	3. STORAGE PLANT						
24	360 Land & Land Rights	-					-
25	361 Structures & Improvements	-					-
26	362 Gas Holders	-					-
27	363 Other Equipment	-	<u> </u>		¥ _		-
28	Total Storage	-	\$0	\$0	\$0	\$0	-

UTILITY PLANT - GAS (Continued)

		Balance					Balance
Line		Beginning				Adjustments	End
No.	Account	of Year	Additions	Depreciation	Other Credits	Transfers	of Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	4. DISTRIBUTION AND DISTRIBUTION P	LANT					
2	365.1 Land & Land Rights	5,895	-				5,895
3	365.2 Rights of Way	-	-				-
4	366 Structures and Improvements	-	-				-
5	376 Mains	892,748	270,697	(329,608)			833,837
6	368 Compressor Station Equipment	-	-				-
7	369 Measuring and Regulating	-	-				-
8	Station Equipment	-	-				-
9	380 Services	453,827	212,334	(167,556)			498,605
10	381 Meters	655,690	51,809	(242,085)			465,414
11	382 Meter Installations	109	-	(40)			69
12	385 House Regulators	95	-	(35)			60
13	386 Other Property on Customers Premis	13	-	(5)			8
14	387 Other Equipment	7	-	(3)			5
15	Total Transmission and Distribution Plant	2,008,384	\$534,840	(\$739,332)	\$0	\$0	1,803,892
16	5. GENERAL PLANT						
17	389 Land & Land Rights	-	-				-
18	390 Structures & Improvements	144,017	12,613	(53,172)			103,458
19	391 Office Furniture & Equipment	271,032	109,996	(100,067)			280,961
20	392 Transportation Equipment	123,462	141,929	(45,583)			219,808
21	393 Stores Equipment	-	-				-
22	394 Tools, Shop & Garage Equipment	10,441	832	(3,855)			7,418
23	395 Laboratory Equipment	33,185	12,928	(12,252)			33,861
24	396 Power Operated Equipment	52,094	-	(19,234)			32,861
25	397 Communications Equipment	2,614	-	(965)			1,649
26	398 Miscellaneous Equipment	23,443	51,618	(8,655)			66,406
27	399 Other Tangible Property	-	-				-
28	Total General Plant	660,287	\$329,916	(\$243,782)	\$0	\$0	746,421
29	Total Gas Plant in Service	2,673,641	\$864,756	(\$983,114)	\$0	\$0	2,555,283
30	104 Utility Plant Leased to Others						-
31	106 Completed Construction Not Classific	-					-
32	107 Construction Work in Progress	-	\$86,772				86,772
33	Total Utility Plant Gas	2,673,641	\$951,527	(\$983,114)	\$0	\$0	2,642,055

	Middleborough Gas & Electric	1
	MISCELLANEOUS NON-OPERATING INCOME (Account 42	21)
2 3 4 5	(a) Electric Division Loss (Gain) on disposition Electric Division Grant Income Electric Division FEMA Cost Reimbursement Gas Division Loss (Gain) on disposition Gas Division Mutual Aid	(b) \$ (10,380) (279,264) - (811)
6	TOTAL	\$ (290,454)
	OTHER INCOME DEDUCTIONS (Account 426)	
Line No. 7 8	Item (a)	Amount (b)
10 11 12 13 14	TOTAL	.
	MISCELLANEOUS CREDITS TO SURPLUS (Account 434	
Line No. 15 16 17 18 19 20 21 22 23	Item (a)	Amount (b)
	MISCELLANEOUS DEBITS TO SURPLUS (Account 435))
Line No. 24 25 26 27 28 29 30 31 32	Item (a) In Lieu of Tax Payment to the Town	Amount (b) 772,282
	APPROPRIATIONS OF SURPLUS (Account 436)	,
Line No.	Item (a)	Amount (b)
33 34 35 36 37 38 39 40	Net Pension Liability/Deferred Outflow TOTAL	\$ -

		IVII	ddleborough Gas & El	ectric		
		(K.W.H. sold under the pro-	YENUES (Account 482, ovisions of Chapter 269, Ac	ts of 1927)		
Line No.	Acct.	Gas Schedule (a)	Cubic Feet (b)	Revenues Received (c)	Avg. Revenues per M.C.F. (.0000) (d)	
1 2 3	482		26,958	\$ 572,202	\$ 21.2259	
4		Totals Electric Schedule (a)	26,958 K.W.H. (b)	\$ 572,202 Revenues Received (c)	21.2259 Avg. Revenues per K.W.H. (.0000) (d)	
5 6 7 8 9 10 11	444	Municipals: (Other than Street Lighting)	11,094,918	\$ 1,557,138	\$ 0.1403	
12 13 14 15 16 17	M-14	Total Street Lighting	11,094,918 322,332	1,557,138 73,047	\$ 0.1403 \$ 0.2266	
18 19		Total	322,332	73,047	\$ 0.2266	
20 21 22 23 24		Totals	11,417,250	\$ 1,630,185	\$ 0.1428	
			POWER (Account 555	5)		
Line		Names of Utilities from which Electric Energy is Purchased	Where and at What Voltage Received	K.W.H.	Amount	Cost per K.W.H. (Cents) (0.0000)
No. 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41		(a) See Pages 54 to 56	(b)	(c)	(d)	(e) #DIV/0!
			S FOR RESALE (Acco	unt 447)		Povonuos
Line		Names of Utilities to which Electric Energy is Sold	Where and at What Voltage Received	K.W.H.	Amount	Revenues K.W.H. (Cents) (0.0000)
No. 42 43 44 45 46 47 48 49 50 51		(a)	(b)	(c)	(d)	(e)

ELECTRIC OPERATING REVENUES (ACCOUNT 400)

- 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.
- 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.

			Operating Revenu		ues	Kilowatt-h	ours Sold	Average Number of Customers per Month		
					crease or		Increase or		Increase or	
Line	<u>.</u>	,	Amount for	(Decrease) from		Amount for	(Decrease) from	Number for	(Decrease) from	
No.	Account		Year	Pred	eding Year	Year	Preceding Year	Year	Preceding Year	
	(a)		(b)	(c)		(d)	(e)	(f)	(g)	
1	SALES OF ELECTRICITY									
2	440 Residential Sales	\$	19,746,320	\$	(184,881)	136,164,296	(2,066,487)	14,781	120	
3	442 Commercial & Industrial Sales									
4	Small (or Commercial) see instr. 5		15,167,510		455,136	108,723,983	3,077,975	1,971	21	
5	Large (or Industrial) see instr. 5		5,686,278		84,388	44,425,168	723,021	17	-	
6	444 Municipal Sales (P. 22)		1,557,138		31,608	11,094,918	169,891	123	3	
7	445 Other Sales to Public Authorities				-		-		-	
8	446 Sales to Railroads & Railways				-		-		-	
9	448 Interdepartmental Sales		470.050		-	570.000	(7.000)		-	
10	449 Miscellaneous Electric Sales (Streetlights)		178,659		1,834	570,233	(7,392)	1,111	26	
11	Total Sales to Ultimate Consumers		42,335,905		388,085	300,978,598	1,897,008	18,003	170	
12	447 Sales for Resale		-		-					
13	Total Sales of Electricity	\$	42,335,905	\$	388,085	300,978,598	1,897,008	18,003	170	
14	OTHER OPERATING REVENUES									
15	450 Forfeited Discounts	\$	309,328	\$	27,646					
16	451 Miscellaneous Service Revenues		57,129		(2,444)					
17	453 Sales of Water & Water Power				-					
18	454 Rent from Electric Property				-			,		
19	455 Interdepartmental Rents				-	* Includes revenues	from application of fue	el clauses	-	
20	456 Other Electric Revenues				-					
21										
22						Total KWH to whi	cn applied [300,978,598		
23 24										
25	Total Other Operating Revenues		366,456		25,202					
26	Total Electric Operating Revenues	\$	42,702,362	\$	413,287					
	, 			•						

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 seperately in total.

					Average Revenue		Customers Rendered)
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Per K.W.H. Cents (0.0000) (d)	July 31 (e)	December 31 (f)
1	440	Res. Light	135,169,039	\$ 19,601,960	0.1450	14,659	14,698
2		Res. Heat	995,257	144,360	0.1450	84	83
3	442	Comm. Light	20,050,358	3,190,920	0.1591	1,752	1,774
4	442	Comm. Heat	88,673,625	11,976,590	0.1351	201	197
5	443	Ind. Light	12,148	2,040	0.1679	2	2
6	443	Ind. Power	44,413,020	5,684,238	0.1280	15	15
7		Mun. Light	777,101	125,931	0.1621	91	92
8		Mun. Power	10,317,817	1,431,208	0.1387	31	31
9		Mun, St. Light	322,332	73,047	0.2266	47	45
10	444	Area St Light	247,901	105,612	0.4260	1,057	1,066
11							
12							
13							
14 15							
16							
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38 39							
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43							
44							
45 46							
46							
48	TOTA	L SALES TO ULTIMATE					
49		UMERS (Page 37 line 11)	300,978,598	\$ 42,335,905	0.1407	17,939	18,003

ELECTRIC OPERATION AND MAINTENANCE EXPENSES Increase or (Decrease) Account Amount for Year Preceding Year Line (a) (b) (c) No. **POWER PRODUCTION EXPENSES** 1 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: 510 Maintenance supervision and engineering 14 15 511 Maintenance of structures None 16 512 Maintenance of boiler plant 513 Maintenance of electric plant 17 514 Maintenance of miscellaneous steam plant 18 19 Total maintenance 20 Total power production expenses - steam power **NUCLEAR POWER GENERATION** 21 22 Operation: 23 517 Operation supervision and engineering 24 25 519 Coolants and water 26 520 Steam expenses 27 521 Steam from other sources None 522 Steam transferred - Cr. 28 29 523 Electric expenses 30 524 Miscellaneous nuclear power expenses 31 525 Rents 32 **Total operation** 33 Maintenance: 34 528 Maintenance supervision and engineering 529 Maintenance of structures 35 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: 535 Operation supervision and engineering 43 536 Water for power 44 45 537 Hydraulic expenses None 46 538 Electric expenses 47 539 Miscellaneous hydraulic power generation expenses 48 540 Rents **Total operation** \$ \$

ELECTRIC OPERATION AND MAINTENANCE EXPENSES Increase or (Decrease) Account Amount for Year Preceding Year Line (a) (b) (c) No. **HYDRAULIC POWER GENERATION - continued** 1 2 Maintenance: 3 541 Maintenance supervision and engineering \$ 542 Maintenance of structures 4 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: 546 Operation supervision and engineering 12 (4,400)23,151 13 547 Fuel 13.953 (10,891)548 Generation Expense 3,637 14 3,637 15 549 Miscellaneous other power generation expenses 550 Rents 16 40,742 (11,653) 17 **Total operation** 18 Maintenance: 19 551 Maintenance supervision and engineering 20 552 Maintenance of structures 21 553 Maintenance of generating & electric plant 66,960 4,267 554 Maintenance of miscellaneous other power generation plant 22 23 **Total maintenance** 66.960 4.267 107,701 (7,386) 24 Total power production expenses - other power 25 OTHER POWER SUPPLY EXPENSES 26 555 Purchased Power 20,131,286 (1,039,534)27 556 System control & load dispatching 28 557 Other expenses 816,723 (180,119)20,948,008 29 Total other power supply expenses (1,219,653) 21,055,709 \$ 30 Total power production expenses \$ (1,227,039)TRANSMISSION EXPENSES 31 32 Operation: 33 560 Operation supervision and engineering \$ 301,326 102,434 34 561 Load dispatching (3,651)35 562 Station expenses 122,837 563 Overhead line expenses 36 37 564 Underground line expenses 38 565 Transmission of electricity by others 5,140,866 (32,704)39 566 Miscellaneous transmission expenses (17,609)11,638 40 567 Rents 41 **Total operation** 5,576,667 48,470 42 Maintenance: 43 568 Maintenance supervision and engineering 569 Maintenance of structures 44 45 570 Maintenance of station equipment 46 571 Maintenance of overhead lines 119,940 (88, 101)47 572 Maintenance of underground lines 48 573 Maintenance of miscellaneous transmission plant 49 **Total maintenance** 119.940 (88.101) 50 Total transmission expenses \$ 5,696,607 (39,631)

106,421

3,887,814

9,870

797,866

54

55

931 Municipal services

Total operations

Middleboro Gas & Electric

ELECTRIC OPERATION AND MAINTENANCE EXPENSES Increase or (Decrease) Preceding Year Account Amount for Year Line (a) (b) (c) **DISTRIBUTION EXPENSES** 1 2 Operation: 130,737 3 Operation supervision and engineering \$ (43,816)4 581 Load dispatching 5 582 Station expenses 418,323 12,796 6 583 Overhead line expenses 7 584 Underground line expenses 8 585 Street lighting & signal system expenses 9 Meter expenses 586 111,368 4,556 10 Customer installations expenses 11 Miscellaneous distribution expenses 649,655 217,851 12 589 Rentals 13 **Total operation** 1,310,084 191,388 14 Maintenance: 15 590 Maintenance supervision and engineering 153.103 1.520 16 Maintenance of structures 17 592 Maintenance of station equipment 1,762 1,343 18 593 Maintenance of overhead lines 2,506,966 453,624 19 594 Maintenance of underground lines 8,535 103,753 20 595 Maintenance of line transformers 7.278 342 21 Maintenance of street lighting & signal systems 2,048 827 22 597 Maintenance of meters 2,409 (1,199)23 154,974 598 Maintenance of miscellaneous distribution plant 20,678 24 **Total maintenance** 2,932,294 485,670 25 \$ **Total distribution expenses** 4,242,377 677,058 26 **CUSTOMER ACCOUNTS EXPENSES** 27 Operation: 28 901 Supervision 29 Meter reading expenses 63.680 (17,749)30 Customer records & collection expenses 125,040 1,045,822 31 Uncollectible accounts 246,560 (189,004)32 905 Miscellaneous customer accounts expenses 33 444,769 101,414 909 Energy audit expense 34 1,800,831 19,700 Total customer accounts expenses 35 **SALES EXPENSES** 36 Operation: 37 911 Supervision 38 912 Demonstrating & selling expenses 39 Advertising expense 106,519 55,922 40 916 Miscellaneous sales expenses 41 Total sales expenses 106,519 55,922 **ADMINISTRATIVE & GENERAL EXPENSES** 42 43 Operation: 44 920 Administrative & general salaries 626,320 48,282 45 Office supplies & expenses 117,380 15,279 46 Administrative expenses transferred - Cr. Outside services employed 33.500 47 159.340 48 924 Property insurance 405,047 67,621 925 Injuries & damages 49 150,956 (1,606)50 926 Employee pension & benefits 636,809 2,203,561 51 928 Regulatory commission expenses 929 Duplicate charges - Cr. 52 53 Miscellaneous general expenses 118,790 (11.889)

	Middleboro Gas & Electric										
	ELECTRIC OPERATION AND M	AINTENANCE EXPENSES									
Line	Account (a)			Amount for Year (b)		ase or (Decrease) receding Year (c)					
1	ADMINISTRATIVE & GENERAL EXPENSES - co	ontinued									
2	Maintenance:										
3	933 Transportation expense		\$	-	\$	-					
4	Total administrative & general expenses			3,887,814		797,866					
5	Total Electric Operation & Maintenance Expenses		\$	36,789,858	\$	283,875					
	SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES										
	Functional Classification	Operation		Maintenance		Total					
	runctional classification (a)	(b)		(c)		(d)					
	(α)			(0)		(u)					
6	Power Production Expenses										
7	Electric Generation:										
8	Steam Power	-	\$	-	\$	-					
9	Nuclear Power					\$0					
10	Hydraulic Power	40.740		00.000		\$0					
11 12	Other Power Supply Expenses	40,742		66,960		\$107,701					
13	Other Power Supply Expenses Total Power Production Expenses	20,948,008 20,988,750		66,960		20,948,008 21,055,709					
	•	1 1		119,940		, ,					
14 15	Transmission Expenses Distribution Expenses	5,576,667 1,310,084		2,932,294		5,696,607 4,242,377					
16	Customer Accounts Expenses	1,800,831		2,932,294		1,800,831					
17	Sales Expenses	106,519				106,519					
18	Administrative & General Expenses	3,887,814				3,887,814					
19		2,001,011				2,221,211					
20	Total Electric Operation and Maintenance Expenses	\$ 33,670,665	\$	3,119,193	\$	36,789,858					
21											
	Ratio of Operating expenses to operating revenues (carry out decimal two places, e.g.: (o.oo%). 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				\$	5,034,943					
	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part time employees)					47					

		GAS OPERA	TING REVENUES (A	Account 400)			
		Operating	Revenues	MCF Sold (1000 BTU)	Average N Customers	
Line		Amount for	Increase or (Decrease) from	Amount for	Increase or (Decrease) from	Number for	Increase or (Decrease) from
No.	Account	Year	Preceding Year	Year	Preceding Year	Year	Preceding Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	SALES OF GAS						
2	480 Residential Sales	\$ 6,592,187	\$ 993,504	297,294	(28,577)	5,362	(4)
3	481 Commercial & Industrial Sales:						
4	Small (or Commercial) see instr 5	4,897,606	593,241	240,480	(28,397)	641	3
5	Large (or Industrial) see instr. 5	949,880	(1,473,073)	167,138	(89,816)	13	-
6	482 Municipal Sales (P. 22)	572,202	113,712	26,958	(3,520)	59	(1)
7	483 Other Sales		-		-		-
8	485 Intracompany Sales	15,324	(7,717)	2,342	155	1	-
9	Total Sales to Ultimate Consumers	13,027,198	219,667	734,212	(150,156)	6,076	(2)
10	483 Sales for Resale						
11	Total Sales of Gas	13,027,198	219,667	734,212	(150,156)	6,076	(2)
12	OTHER OPERATING REVENUES						
13	487 Forfeited Discounts	86,601	5,433				
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 20	495 Other Gas Revenues	-	-				
21	Total Other Operating Revenues	86,601	5,433				
22	Total Gas Operating Revenues	\$ 13,113,798	\$ 225,100				

 Purchased
 Fuel

 Price Adj.
 Fuel

 Clauses
 Clauses

 \$7,502,802
 587,604

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

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 seperately in total.

Line No.	Account No.	Schedule (a)	M.C.F. (1000 BTU) (b)			Average Revenue	Number of Customers (Per Bills Rendered)	
					Revenue (c)	Per M.C.F. \$0.0000 (d)	July 31 (e)	December 31 (f)
1	480	Res. Gas	8,611	\$	195,212	22.67	291	324
2	480	Res. Heat	288,683		6,396,975	22.16	5,087	5,038
3	481	Comm. Gas	56,054		1,079,726	19.26	102	103
4		Comm. Heat	184,426		3,817,880	20.70	531	538
5		Ind. Gas (Interruptible)	146,608		527,100	3.60	1	1
6		Ind. Heat	20,530		422,780	20.59	12	12
7		Mun. Gas	26,958		572,202	21.23	59	59
8	485	Intracompany	2,342		15,324	6.54	1	1
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43 44								
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45 46								
47	TOTA	L SALES TO ULTIMATE	1					
48		SUMERS (Page 43 line 9)	734,212	Œ	13,027,198	17.7431	6,084	6,076
40	CONS	TOWERS (Page 43 line 9)	134,212	Ψ	13,027,130	17.7431	0,004	0,076

50

51

52

Total maintenance

Total manufactured gas production

Middleboro Gas & Electric **GAS OPERATION AND MAINTENANCE EXPENSES** Increase or (Decrease) Amount for Year Account Preceding Year Line (a) (b) (c) No. PRODUCTION EXPENSES 1 2 MANUFACTURED GAS PRODUCTION EXPENSES STEAM PRODUCTION 3 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 Maintenance: 11 705 Maintenance supervision and engineering 12 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 \$0 \$0 17 Total power production expenses - steam power MANUFACTURED GAS PRODUCTION 18 19 Operation: 20 710 Operation supervision and engineering 21 Production labor and expenses: 22 711 Steam expenses 23 712 Other power expenses 715 Water gas generating expenses 24 25 716 Oil gas generating expenses 717 Liquefied petroleum gas expenses 26 27 718 Other process production expenses 28 Gas fuels: 721 Water gas generator fuel 29 None 722 Fuel for oil gas 30 723 Fuel for liquefied petroleum gas process 31 724 Other gas fuels 32 33 Gas raw materials: 726 Oil for water gas 34 35 727 Oil for oil gas 728 Liquefied petroleum gas 36 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 734 Duplicate charges - Cr. 42 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 \$ \$ 742 Maintenance of production equipment 49

\$

\$

\$

\$

		GAS OPERATION AND MAINTENANCE EXPENSES	S Continued		
Line No.		Account (a)	Amount for Year (b)	Increase or (Decrease) Preceding Year (c)	
1		OTHER GAS SUPPLY EXPENSES			
2		Operation:			
3		Natural gas city gate purchases	\$ 7,257,507	\$ (2,964,247)	
4		Other gas purchases			
5		Exchange gas	70.259	(6.020)	
6	810	Purchased gas expenses Gas used for compressor station fuel - Cr.	79,258	(6,838)	
8		Gas used for products extraction - Cr.			
9		Gas used for other utility operation - Cr.			
10		Other gas supply expenses	2,221,000	4,077,000	
11		Total other gas supply expenses	9,557,765	1,105,915	
12		Total production expenses	\$ 9,557,765	\$ 1,105,915	
13		LOCAL STORAGE EXPENSES			
14		Operation:			
15		Operation supervision and engineering	None	:	
16		Operation labor and expenses			
17 18	842	Rents Total operation	\$ -	\$ -	
19		Maintenance:	-	φ -	
20	843	Maintenance supervision and engineering			
21		Maintenance of structures and improvement	46,213	(25,135)	
22	845	Maintenance of gas holders			
23	846	Maintenance of other equipment			
24		Total maintenance	46,213	(25,135)	
25		Total transmission and distribution expense	\$ 46,213	\$ (25,135)	
26		TRANSMISSION AND DISTRIBUTION EXPENSES			
27	0=0	Operation:			
28		Operation supervision and engineering			
29 30		System control and load dispatching Communication system expenses			
31		Compressor station labor and expense			
32		Fuel and power for compressor station			
33		Measuring and regulating station expense			
34		Transmission and compression of gas by others			
35		Operation supervision and engineering	240,363	58,511	
36		Distribution and Load Dispatching	187,333	17,636	
37		Mains and services expense	109,813	(10,895)	
38 39		Meter and house regulator expense Customer installation expenses	90,407 201,049	(25,142) 9,243	
40		Other expenses	245,661	56,614	
41		Rents	145,099	13,964	
42		Total operation	1,219,725	119,932	
43		Maintenance:			
44		Maintenance supervision and engineering	275,615	55,742	
45		Maintenance of structures and improvement	168,679	(3,735)	
46		Maintenance of mains	21,658	(2,769)	
47 48		Maintenance of compressor station equipment Maintenance of measuring and regulation station equipment	84,234	19,796	
48		Maintenance of measuring and regulation station equipment Maintenance of services	183,783	39,757	
50		Maintenance of meters and house regulator	-	33,737	
51		Maintenance of other equipment	19,807	(1,138)	
52		Maintenance of power operated equipment	60,915	(16,002)	
53		Total maintenance	814,691	91,652	
54		Total transmission expenses	\$ 2,034,417	\$ 211,584	

	GAS OPERATION AND MAI	NTENANCE EXPENSES	S Continued	
_ine	Account (a)		Amount for Year (b)	Increase or (Decrease) Preceding Year (c)
1	CUSTOMER ACCOUNTS EXPENSE	:S		
2 3	Operation: 901 Supervision		-	-
4	902 Meter reading expenses		11,015	(9,190)
5	903 Customer records & collection expenses		194,399	(35,495)
6	904 Uncollectible accounts		43,511	(37,878)
7 8	905 Miscellaneous customer accounts expenses		\$ 248,924	- \$ (82,563)
9	Total customer accounts expenses SALES EXPENSES		\$ 248,924	j (0∠,563)
10	Operation:			
11	909 Energy Audit Project		39,223	3,348
12	909 Communications expense		-	-
13	912 Demonstrating and selling expenses		-	
14 15	913 Advertising expense 916 Miscellaneous sales expenses		21,237	8,588
16	Total sales expenses		\$ 60,460	\$ 11,936
17	ADMINISTRATIVE & GENERAL EXPEN	ISES		,
18 19	Operation: 920 Administrative & general salaries		\$ 109,580	\$ (34,929)
20	921 Office supplies & expenses		22,046	(3,480)
21	922 Administrative expenses transferred - Cr.		-	-
22	923 Outside services employed		13,814	794
23 24	924 Property insurance 925 Injuries & damages		71,111 26,639	(13,245) (11,501)
25	926 Employee pension & benefits		388,864	(2,824)
26	928 Regulatory commission expenses		· -	-
27	929 Duplicate charges - Cr.			-
28 29	930 Miscellaneous general expenses 931 Reimbursement from Municipal Services		17,607 18,780	(14,629) (5,357)
30	933 Transportation Expenses		10,780	(5,557)
31	Total operations		668,441	(85,172)
32	Maintenance:			
33 34	935 Maintenance of general plant		\$ 668,441	- \$ (85,172)
35	Total administrative & general expenses		\$ 000,441	\$ (65,172)
36	Total Gas Operation & Maintenance Expenses		\$ 12,616,221	\$ 1,136,564
37 38				
39 40	SUMMARY OF GAS OPER	RATION AND MAINTI	NANCE EXPENSE	
41				-
42 43	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
44	(a)	(6)	(6)	(u)
45	Steam production	\$ -	\$ -	-
	Manufactured gas production	-	-	-
47	Other gas supply expenses Total Production Expenses	9,557,765		9,557,765
48 49	Local storage expenses	9,557,765	46,213	9,557,765 46.213
	Transmission and distribution expenses	1,219,725	814,691	2,034,417
	Customer accounts expenses	248,924		248,924
52	Sales expenses	60,460		60,460
53 54	Administrative and general expenses	668,441	-	668,441
55	Total Gas Operation and Maint. Expenses	\$ 11,755,316	\$ 860,905	\$ 12,616,221
56	·	, ,,,,,,,,,	, , , , , ,	, , , , , , , , , , , , , , , , , , ,
57 58	Ratio of Operating expenses to operating revenues			104%
59 60	Total Salaries and Wages of gas department for year, including amounts charged to operating expenses, construction and other a	occounts		\$ 2,313,560
61 62	Total number of employees of gas department at end of year inclu administrative, operating, maintenance, construction and other er			21

49

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			Middlebo	ro Gas & l	Electric		
			SALES FOR	RESALES (Acc	count 483)		
Line No	Names of Compa Gas is S (a)		Where De and Wher How Mea (b)	e and	M.C.F. (1000 BTU) (c)	Rate per M.C.F. (\$0.0000) (d)	Amount (e)
1 2 3 4 5 6 7 8 9 10 11			NONE	TOTALS	0	0	\$0
			SALE OF RESI	DUALS (Accour	nts 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	707410	000	NONE	40			
20 21	TOTALS:	\$0	\$0	\$0	0	\$0	\$0
			PURCHAS	ED GAS (Accou	unt 804)		
Line No	Names of Compar Gas is Pu (a)		And Wher How Mea (b)		M.C.F. (1000 BTU) (c)	M.C.F. (\$0.000) (d)	Amount (e)
22 23 24 25		Firm Interruptible	S. Middleboro Borde Station Orifice Plate S. Middleboro Borde Station Orifice Plate	er	550,252 147,408	\$ 5.6675 \$ 2.4329	\$ 3,118,547 \$ 358,628
26 27 28 29	Mercuria Bay State Gas Co.	Firm	Midd-Lakeville Town Rotary Meter Measu Midd-Lakeville Town	urement	18,633	\$ 17.2816 \$ -	\$ 322,009
30 31 32	Note: Transport volume Winter Peaking		Rotary Meter Measu		-	φ -	φ -
33 34 35	Constellation / Engle / Distrigas		S. Middleboro Borde Station Orifice Plate		83,241	\$ 34.5388	\$ 2,875,045
36 37 38	Constellation / Engle / Distrigas		Middleboro/Lakeville Rotary Meter Measu	urement	7.400	#DIV/0!	\$ -
39 40 41 42	Constellation / Engie / Distrigas	rırm -	Trucked Liquified Na MGED LNG Tank S Truck Scale		7,169	\$ 74.6674	\$ 535,291
43 44 45 46		Firm	Trucked Liquified Na MGED LNG Tank S Truck Scale		2,481	\$ 19.3439	\$ 47,987

809,184

TOTALS

8.9689 \$

\$

7,257,507

TAXES CHARGED DURING YEAR

- This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
- Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.
- The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State", and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.
- The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the
- number of the appropriate balance sheet plant account or subaccount.
- For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.
- Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

		Total Taxes		Dist	ribution of Taxes C	harged (omit Cents	·)		
		Charged		(Show utility department where applicable and account charged)					
		During Year	Electric	Gas					
Line		(omit cents)	(Acct. 408,409)	(Acct. 408,409)					
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12 13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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)	(Los	ain or ss) from eration (e)
2	Electric Division - finance charges		\$	30,025	none	\$	30,025
3 4	Gas Division - finance charges			5,174	none		5,174
5 6	Note: Represents pole attachment fees, te	 mporary charges, e	 etc				
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 34							
35							
36 37							
38 39							
40							
41 42							
43 44							
45							
46 47							
48 49							
50				25 125			-
51	Totals	\$ -	\$	35,199	\$ -	\$	35,199

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.

	J 0009,	Contract work du		Other	
		Electric	Gas	Utility	
Line	ltem	Department	Department	Department	Total
No.					
1	(a) Revenues:	(b)	(c)	(d)	(e)
2	Merchandise sales, less discounts,	400 400			104 040
3	allowances and returns	130,409	907		\$ 131,316
4	Contract work				-
5	Commissions				-
6	Other (list according to major classes)				-
7	AVSG CNG Sales		1,300,156		1,300,156
8					-
9					-
10	Total Revenues	130,409	1,301,063	-	1,431,472
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					
42					
44					
45					
46					
47					
48					
49					
50	Total Costs & Expenses	-	-	•	-
51	Net Profit (or Loss)	\$ 130,409	\$ 1,301,063	\$ -	\$ 1,431,472
ÐΙ	Net Floit (of Loss)	ψ 130,409	ψ 1,301,063	Ψ -	φ 1,431,472

PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

- 1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.
- 2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public
- Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.
- 3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

						Kwo	or Kva of Der	mand
			Across				Avg mo.	Annual
		Statistical	State		Sub	Contract	Maximum	Maximum
Line	Purchased from	Classification	Line	Point of Receipt	Station		Demand	Demand
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Millstone	0	Х	Townline				
2	Seabrook	0	X	Townline				
	NYPA	F	X	Townline				
	Stony Brook Intermediate	0		Townline				
	Wyman 4	0	X	Townline				
6	Stony Brook Peaking	0		Townline				
7	ISO-NE Energy	0	X	Townline				
8	NextEra Energy	0	X	Townline				
9	MGED Solar	0		DG				
10	MGED NG Genset	0		DG				
	Saddleback Ridge Wind	0	X	Townline				
12	Eversource Nstar	0	X	Townline				
13	Renewable Buyback Solar	0		DG				
14	Distributed Generation Solar	0		DG				
15	PPA Solar	0		DG				
16	PSEG Cap Hedge							
17	Community Solar	0		DG				
18	Firstlight Hydro	0	X	Townline				
19	MHS Solar	0		DG				
20	Dynergy Vistra							
21								
22								
23								
24								
25								
26								
27								

PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

- 4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.
- 5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and
- should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
- 6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
- 7. Explain any amount entered in column (n) such as fuel or other adjustments.

,		The first of the second of the		4 - f [(0)	it Ot.		KWH	
Type of	Voltage	Kilowatt-		t of Energy (O				
Demand	at Which		Capacity	Energy	Other	T - 4 - 1	(CENTS)	1 :
Reading	Delivered	Hours	Charges	Charges	Charges	Total	(0.0000)	Line
(I)	(j)	(k)	(l)	#50.054	(n) **	(0)	(p)	No.
60 MINUTES		9,284,266	328,336	\$52,854		381,190	0.0411	1
60 MINUTES		47,998,775	1,254,030	\$190,553		1,444,583	0.0301	2
60 MINUTES		13,320,591	30,739	\$65,678		96,417	0.0072	3
60 MINUTES		346,550	288,068	\$57,424		345,491	0.9969	4
60 MINUTES		0		\$0			#DIV/0!	5
60 MINUTES		261,964	199,665	\$80,069		279,734	1.0678	6
60 MINUTES		60,117,423	2,009,587	\$2,959,064		4,968,651	0.0826	7
60 MINUTES		158,865,658		\$8,423,936		8,423,936	0.0530	8
60 MINUTES		16,164		\$0		-	0.0000	9
60 MINUTES		241,268		\$0		-	0.0000	10
60 MINUTES		5,776,434	(22,062)	\$544,397		522,336	0.0904	11
60 MINUTES		-		\$0		-	#DIV/0!	12
60 MINUTES		480,247	10,557	\$16,620		27,178	0.0566	13
60 MINUTES		33,936		\$3,446		3,446	0.1016	14
60 MINUTES		8,606,578		\$749,547		749,547	0.0871	15
		-	-			-	#DIV/0!	16
60 MINUTES		3,281,818		\$209,482		209,482	0.0638	17
60 MINUTES		34,343,163		\$1,496,096		1,496,096	0.0436	18
60 MINUTES		226,814				-	0.0000	19
		-	1,183,200			1,183,200	#DIV/0!	20
						-		21
						-		22
						-		23
						-		24
						_		25
						-		26
	TOTALS:	343,201,648	5,282,120	14,849,166	-	20,131,286	0.0587	27

INTERCHANGE POWER (Included in Account 555)

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

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

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

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

		Inter- change		Voltage at		Kilowatt-hours		
Line No.	Name of Company (a)	Across State Lines (b)	Point of Interchange (c)	Which Inter- changed (d)	Received (a)	Delivered (f)	Net Difference (g)	Amount of Settlement (h)
1 2 3 4 5 6 7 8 9 10	ISO NEW ENGLAND		MIDDLEBORO	115kv	(32,974,600)	1,333,788	(31,640,812)	(1,110,737)
12			1	TOTALS	(32,974,600)	1,333,788	(31,640,812)	(1,110,737)

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	ISO NEW ENGLAND	ENERGY EXPENSE	(1,110,737)
14			
15			
16			
17			
18			
19			
20			
21		TOTAL	(1,110,737)

ELECTRIC ENERGY ACCOUNT

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

Line	Item		Kilowatt hours
No.	(a)		(b)
1		SOURCES OF ENERGY	
2	Generation (excluding station use):		
3	Steam		
4	Nuclear		
5	Hydro		
6	Other		
7	Total Generation		•
8	Purchases		343,201,64
9		In (gross) (32,974,60	00)
10	Interchanges	In (gross) (32,974,60 Out (gross) 1,333,73	
11	interchanges	Net (kwh)	(31,640,81)
11		net (kwii)	(31,040,61
12		Received	
13	Transmission for/by others (wheeling)	Delivered	
14		Net (kwh)	,
15	TOTAL		311,560,83
16	DISPOSITION OF E	NERGY	
17	Sales to ultimate consumers (including interdepartmental sales):		300,978,59
18	Sales for resale		
19	Energy furnished without charge		
20	Energy used by the company (excluding station use):		148,26
21	Electric department only		70,28
22	Energy losses:		
23	Transmission and conversion losses		
24	Distribution losses	10,363,698	
25	Unaccounted for losses		
26	Total energy losses		10,363,69
27	Energy losses as percent of total on line 15	3.33%	
28			311,560,83

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 15, minutes integrated).
- Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
- If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

		1	Monthly Peak			Monthly Output	
Month (a)	Kilowatts (b)	Day of wk (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	(kwh) (see instr. 4) (g)	
January	42,950	Sunday	15	6 PM		25,586,9	
February	47,920	Saturday	4	6 PM	60	23,122,8	
March	41,750	Tuesday	7	6 PM		24,462,7	
April	36,820	Friday	14	6 PM	Minute	21,791,3	
May	36,270	Sunday	21	8 PM		22,671,6	
June	50,890	Sunday	25	6 PM	Integrated	25,118,8	
July	62,390	Friday	28	6 PM		34,047,	
August	55,260	Monday	21	6 PM		28,902,	
September	63,740	Thursday	7	6 PM		26,878,	
October	45,190	Wednesday	4	5 PM		25,491,	
November	45,180	Wednesday	29	8 PM		26,562,	
December	46,330	Thursday	7	5 PM		26,924,0	
					TOTAL:	311,560,8	

		GENERATING STATION STATISTICS (Except Nuclear) Pages 58			
Line	Item	Plant	Plant	Plant	Plant
No.	(a)	(b)	(c)	(d)	(e)
1					
2					
3	NONE				
5					
6					
	;	STEAM GENERATING STATIONS P	ages 60-61		
Line	Item	Plant	Plant	Plant	Plant
No.	(a)	(b)	(c)	(d)	(e)
1					
2					
3	NONE				
5					
6					
	ı	HYDROELECTRIC GENERATING ST	ations Pages 62-63		
Line	Item	Plant	Plant	Plant	Plant
No.	(a)	(b)	(c)	(d)	(e)
1					
2					
3	NONE				
4 5					
6					
	сом	BUSTION ENGINE AND OTHER GE	NERATING STATIONS Pages 64	-65	
Line	Item	Plant	Plant	Plant	Plant
No.	(a)	(b)	(c)	(d)	(e)
1					
2					
3	NONE				
4 5					
5 6					

Annual Report of:

Middleborough Gas & Electric

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,

GENERATING STATION STATISTICS (Small Stations)

- or operated as a joint facility, and give a concise statement of the facts in a footnote.
- 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.

	under a license from the Federal P	nision,		instead of Kilowatts.				water cycle, report as one plant.				
Line	Name of Plant	Year Const.	Installed Capacity Name Plate Rating - KW	Peak Demand KW (60 Min.)	Net Generation Excluding Station Use	Cost of Plant (Omit Cents)	Plant Cost Per KW Inst. Capacity		duction Expe sive of Depre and Taxes (Omit Cents)	ciation	Kind of Fuel	Fuel Cost Per KWH Net Generation (Cents) 0.00
No.	(a)	(b)	(c)	(d)	(e)	` (f)	(g)	(h)	(I)	(j)	(k)	(I)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28	S.Midd Regulator Station	2015	2000 kW	1984 kW	241,267.63 kWh	2,449,000					NG	

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below

	Designation						I	
			l	Type of	Length (P		Number	
	From	To	Operating	Supporting	On Structures of	On Structures of	of	Conductor
Line			Voltage	Structure	Line Designated	Another Line	Circuits	
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Taunton River	Wareham St	115,000	Wood H frame	5.18		1	636 MCM ACSR
2				Steel	0.38			
	Titicut St	Summer St	115,000	Wood	1.83		1	795 MCM ACSR
4				Davit Arm				
	Summer St.	Wareham St	115,000	Wood	3.69	0	1	795 MCM ACSS
6				Davit Arm		(Shared with		
7						Line 1)		
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								
34								
35								
36 37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47		-		TOTALS	11.08	0	3	
				* Where other than 60	cycle, 3 phase, so indicate.		-	

SUBSTATIONS

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve but one industrial or street railway customer should not be listed hereunder.
 Substations with capacities of less than 5000 KVA, except those
- 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.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
- Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
- 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.

				Voltage		Capacity of			Conversion Appa	ratus & Speci	al Equipment
Line No.	Name & Location of Substation (a)	Character of Substation (b)	Primary (c)	Secondary (d)	Tertiary (e)	Substation in KVA (in service) (f)	Number of Transformers (in service) (g)	Number of Spare Transformers (h)	Type of Equipment	Number of Units (j)	Total Capacity
	Horbal Substation Wareham St., Middleboro	Distribution Transmission	14,400 115,000		(0)	96,000	3	0		J)	
37 38											

Middleborough Gas & Electric

	OVE	RHEAD DISTRIBUTION LINES OPERA	ATED	
Line		L	ength (Pole Miles)	
No.		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	- 263.07	-	263.07
2	Added During Year	0.24		0.24
3	Retired During Year	0.00		0.00
4	Miles - End of Year	263.31	0.00	263.31
5 6 7 8 9 10	·	nracteristics - A.C. or D.C., phase, cycles & operated System is 13,800 GRDY/7970 Volts three phase		

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

				Line Transfor	mers
Line No.	ltem	Electric Services	Number of Watt-hour Meters	Number	Total Capacity (KVA)
16	Number at beginning of year	18,285	18,285	3,780	214,459.5
17	Additions during year:				
18	Purchased		25	67	1,015.0
19	Installed	25			
20	Associated with utility plant acquired				
21	Total additions	25	25	67	1,015.0
22	Reductions during year:				
23	Retirements	3	3	38	1,858.5
24	Associated with utility plant sold				
25	Total reductions	3	3	38	1,858.5
26	Number at End of Year	18,307	18,307	3,809	213,616.0
27	In stock		1,397	197	
28	Locked meters on customers' premises				
29	Inactive transformers on system			0	0.0
30	In customers' use		16,892	3,606	<u> </u>
31	In company's use		18	6	
32	Number at End of Year		18,307	3,809	0.0

Middleborough Gas & Electric CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)

	CONDUIT, UNDERGROUND	CABLE AND SUBMA	RINE CABI	LE - (Distribu	ition System)	
	Report below the information called fo	r concerning conduit, undergr	ound cable, and s	ubmarine cable at	end of year.	
		Miles of	Undergro	und Cable	Subma	arine Cable
Line	Designation of Underground Distribution System	Conduit Bank (All Sizes & Types)	Miles *	Operating Voltage	Feet *	Operating Voltage
No.	(a)	(b)	(c)	(d)	(e)	(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	L					
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		
	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		
	New 2004-2009	20.5117	21.7775		single phase	
16	New 2012	1.0100	1.0100		phase to phase	
	New 2013	0.4600	0.4600	13,800		
18	New 2014	0.6700	0.6700	13,800		
	New 2015	1.8200	1.8200	13,800		
20	New 2016	1.9400	1.9400	13,800		
	New 2017	2.3000	2.3000	13,800		
22	New 2018	1.4200	0.7100	13,800		
23	New 2019	1.5730	1.5730	13,800		
24	New 2020	2.8900	2.8900	13,800		
	New 2021	1.5311	1.5311	13,800		
	New 2022	0.4576	0.4576	13,800		
27	New 2023	2.8996	2.8996	13,800		
28						
29						
30						
31						
32						
33 34	TOTALS	0E 7443	124 0290		0	0
34	* Indicate number of conductors per cable.	95.7413	121.0280		U	U
<u></u>	maicate number of conductors per cable.					

STREET LAMPS CONNECTED TO SYSTEM

	City					T	ype			
	or		Incand	escent	Mercur	y Vapor	Sodi	ium	LE	Z D
Line		Total	Municipal	Other	Municipal	Other	Municipal	Other	Municipal	Other
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Middleboro	1,776					82	3	1,125	566
2										
	Lakeville	392							102	290
4										
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										
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35										
36										
37										
38										
39										
40 41										
42										
43										
44										
45										
46										
47										
48										
49										
50 51										
52	TOTALS	2,168	0	0	0	0	82	3	1,227	856

		Middlebor	RECORD	OF SENDOUT ED ON 1000 BT			
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	IOIAL	0	0	0	0	0	0
9	Gas Purchased						
10	Natural	799,534	99,250	96,533	88,127	57,763	63,678
11	Other	0	0	0	0	0	0
12							
13	TOTAL	799,534	99,250	96,533	88,127	57,763	63,678
14 15	TOTAL MADE AND PURCHASED	799,534	99,250	96,533	88,127	57,763	63,678
16	TOTAL MADE AND FORCHASED	199,554	99,230	90,555	00,121	31,703	03,076
17	Net Change in Holder						
18	GasLNG	(16)	1,099	60	(453)	129	(248)
19					·		
20	TOTAL SENDOUT	799,518	100,349	96,593	87,675	57,892	63,430
21 22			<u> </u>	T	ı	1	Г
23							
24	Gas Sold	796,130	100,904	94,239	69,338	49,769	58,879
25	Gas Used by Company	3,746	390	498	279	275	141
26	Gas Accounted for	799,876	101,293	94,738	69,617	50,045	59,019
27	Gas Unaccounted for	(358)	(945)	1,855	18,058	7,847	4,411
28	0/11	0.040/	0.040/	4.000/	00.000/	40.550/	0.050/
29 30	% Unaccounted for (0.00%)	-0.04%	-0.94%	1.92%	20.60%	13.55%	6.95%
31					1	1	
32	Sendout in 24 hours in MCF						
33	Maximum - MCF	7,130	4,123	7,130	3,679	3,045	3,357
34	Maximum Date	2/3	1/31	2/3		1	5/4
35	Minimum - MCF	705	2,234	1,573	1,891	708	1,307
36	Minimum Date	8/29	1/1	2/16	3/22	4/15	5/28
37 38							
39							
40		B. T. U. Content	ı of Gas Delivere	ı d to Customers	1.028	per Cubic Foot	
41						[

—		-		viiaaleboro				
			RE	CORD OF SEN	DOUT FOR THE 000 BTU PER (•	
				BASED ON T	Continued	OBIC FOOT		
Line	Item	June	July	August	September	October	November	December
No		04.10	3,	/ 19		001020.		
1	Gas Made							
2								
3				NONE				
4								
5								
6 7	TOTAL	0	0	0	0	0	0	0
8	IOIAL	0	0	0	0	U	0	<u> </u>
9	Gas Purchased							
10	Natural	51,444	45,062	35,421	53,379	43,302	79,323	86,252
11	Other	0	0	0	0	0	0	0
12								
13	TOTAL	51,444	45,062	35,421	53,379	43,302	79,323	86,252
14								
15	TOTAL MADE AND PURCHASED	51,444	45,062	35,421	53,379	43,302	79,323	86,252
16	Not Change in Holder							
17 18	Net Change in Holder GasLNG	(245)	(262)	(257)	(234)	540	295	(439)
19	GasLING	(243)	(202)	(237)	(234)	340	293	(439)
20	TOTAL SENDOUT	51,199	44,800	35,164	53,145	43,842	79,618	85,814
21		, , , , , , , , , , , , , , , , , , , ,	,	/	,	-,-	, , , , , , , , , , , , , , , , , , , ,	
22								
23								
24	Gas Sold	48,596	44,484	35,742	54,193	61,378	81,425	97,183
25	Gas Used by Company	320	364	196	162	183	474	463
26 27	Gas Accounted for Gas Unaccounted for	48,916 2,283	44,848 (48)	35,938	54,356 (1,211)	61,561 (17,719)	81,900 (2,282)	97,646 (11,833)
28	Gas offaccounted for	2,203	(40)	(774)	(1,211)	(17,719)	(2,202)	(11,633)
29	% Unaccounted for (0.00%)	4.46%	-0.11%	-2.20%	-2.28%	-40.42%	-2.87%	-13.79%
30	(*****)				-	-		
31		Sendout in 24 h	nours in MCF					
32	Sendout in 24 hours in MCF							
33	Maximum - MCF	2,094	1,735	1,394	2,343	2,457	3,821	4,442
34	Maximum Date	6/3	7/27	8/21	9/26	10/31	11/29	12/22
35 36	Minimum - MCF Minimum Date	1,251 6/29	1,183 7/9	705 8/29	1,219 9/1	971 10/7	1,248	1,254 12/10
36	willillium Date	0/29	//9	8/29	9/1	10/7	11/17	12/10
38								
39								
40								
41								

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

			Boi	lers				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						
S	CR	RUBBERS, CONI	DENSERS AN	ND EXHAU	STERS. 2	4 HOUR	CAPACI	ΓΥ (MCF)
Line No.		Location			Kind of	Gas		Total Capacity
	20 21 22	Scrubbers Condensers Exhausters		N/A N/A N/A				
			PURII	FIERS				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 (I Indicate Reli	ncluding R ef Holders by				
Line No.		Location	type of Tank	Dimen:	sions Height	No. of Lifts	Number	Working Capacity
	20 21 22 23 24 25	N/A						

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					(000)		
2	4"	19,176			(2,509)	16,667	
3	6" 8"	3,529			(1,264)	2,265	
4		0	0	0	(2.772)	10.022	
5 6	Total C.I.	22,705	0	0	(3,773)	18,932	
7	1"	1,479	50			1,529	
8	1 1/2"	1,479	50			1,529	
9	2"	21,865			(80)	21,785	
10	3"	21,803			(60)	21,705	
11	4"	25,468	112			25,580	
12	6"	13,422	425		(556)	13,291	
13	8"	49,150	720		(000)	49,150	
14	Total Welded	10,100				10,100	
15	Steel	111,384	587	0	(636)	111,335	
16		,			(333)	,	
17	2"	0				0	
18	2 1/2"	418				418	
19	3"	0				0	
20	4"	0				0	
21	6"	0				0	
22	Total Steel	418	0	0	0	418	
23							
24	1/2"	2,206			(75)	2,131	
25	1 1/8"	12,634	10		(69)	12,575	
26	2"	182,525	1,809		(3)	184,331	
27	3"	5,644				5,644	
28	4"	122,156	2,483		(11)	124,628	
29	6"	93,612	10		(136)	93,486	
30	8"	23,148			(13)	23,135	
31	Total Plastic	441,925	4,312	0	(307)	445,930	
32							
33	Total	576,432	4,899	0	(4,716)	576,615	
	Normal Operatin	g Pressure - Mains and Lines -	Maximum Minimum	60 7"	psig W.C		

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

GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS					
Line No.	Item	Gas Services	House Governors	Meters	
1	Number at beginning of Year	4,904	5,424	6,272	
2	Additions during year: Purchased		107	17	
4 5	Installed Associated with Plant acquired	11	107	17	
6	Total Additions	11	107	17	
8	Total Additions	11	107	17	
9	Reductions during year:				
10	Retirements	(7)	(9)	(104)	
11 12	Associated with plant sold				
13	Total Reductions	(7)	(9)	(104)	
14 15 16	Number at End of Year	4,908	5,522	6,185	
17 18	In Stock			65	
19					
20					
21 22	In Company Use	6,072 9			
23 24	Number at End of Year			6,185	
25 26 27 28 29	Number of Meters Tested by State Inspectors During Year	805			

- 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	Date Effective	M.D.P.U. Number	Rate	Effe	Estimated Effect on	
No.			Schedule		Revenues	
	07/01/90	142	Outdoor Gas Lighting Service Schedule GL	Increases	Decreases	
1 2	05/01/90	143 153	Backup & Standby Service			
3	03/01/99	159	Revised Load Retention Rate LR			
4	11/09/10	160	Renewable Energy Buyback Rate			
5	11/03/10	161	Residential Electric Service - R-1 & R-6			
6	11/01/14	163	NYPA Hydropower Credit			
7	11/01/14	165	Comm & Ind General Service - C-2, C-3, I-4 & I-5			
8	11/01/14	166	General Service Demand - Schedules C-41, I-41			
9	11/01/14	167	Large General Service - Schedules C-40, I-40			
10	11/01/14	168	Purchase Power Adjustment - PPA			
11	11/01/14	169	Residential Gas Service R-11, R-19 & R-70			
12	11/01/14	171	Comm & Ind Gas General Service C-12, I-14			
13	11/01/14	172	Comm & Ind Gas Heating Service C-13, I-15			
14	11/01/14	173	Comm & Ind Gas Air Conditioning Service A/C 18			
15	11/01/14	174	Purchased Gas Adjustment - PGA Clause			
16	05/01/15	177	Renewable Distributed Generation Tariff			
17	07/01/17	179	Firm Transmission Service - Schedule - FTS			
18	07/01/17	180	Interruptible Transmission Service - Schedule - ITS			
19	09/01/17	181	Area St. Lighting - SL-60			
20	09/01/17	182	Municipal LED Street Lighting Rate			
21	02/01/18	183	Revised Net Metering Tariff			
22	03/01/18	184	Solar Community Rate (SC) (BSC)			
23	11/01/18	185	Solar Community Rate II-MGED SC-II			
24	11/01/18	187	MGED Gas Terms & Conditions			
25	04/01/19	188	Residential Electric General & Heating Service Elderly - R-10 & R-91			
26	04/01/19	189	Residential Gas Service - Elderly R-88, R-89 & R-96			
27	09/01/19	190	Renewable Energy Rate (RER)			
28	11/01/20	191	MGED Electric Terms & Conditions			
29	08/01/22	193	Renewable Distributed Generation Tariff			
30	06/01/23	194	Residential General & Heating Service-Low Income-Schedule R-30 & R-36			
31	06/01/23	195	Residential Gas Service-Low Income-Schedule R-31, R-39 & R-72			
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53						

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJUR	RY					
Manager Manager	Mayor,					
Damel Forley Sellen M. Farleybytre Urllan F. Yafa	Selectmen or Members of the Municipal Light Board					
SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO						
Then personally appeared						
<u></u>	Notary Public or fustice of the Peace.					