Return

Of The

NSTAR Gas

Company

To The

Department of Public Utilities

of Massachusetts

For the Year Ended December 31,

2016

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

Jay S. Buth

Official title <u>Vice President, Controller</u> and Chief Accounting Officer Office address 247 Station Drive
Westwood, MA 02090-9230

NSTAR Gas Company 2016 Calculation of Return on Equity

Net utility common equity (B) \$ 347,639,755	Net ut	ility income available for common shareholders (A)				\$ 29,903,954
Adjusted ROE Adjusted ROE Algorithm And Statistics (note 3) (A) Net utility income available for common shareholders (Notes 1) Total utility operating income (pg. 10, ln 18) Plus: Service quality penalities Amortization of acquisition premium Less: Total interest charges (pg. 10, ln 39) Preferred dividends declared Subtotal Total utility plant as % of total utility plant and other property and investments Dalance @ end of year 17,010,568	Total	utility common equity (B)				\$ 347,639,755
Total utility operating income (pg. 10, ln 18) Plus: Service quality penalties Amortization of acquisition premium Less: Total interest charges (pg. 10, ln 39) Preferred dividends declared Subtotal Total utility plant as % of total utility plant and other property and investments						
Total interest charges (pg. 10, ln 39) Preferred dividends declared Subtotal Total utility plant as % of total utility plant and other property and investments	(A)	Total utility operating income (pg. 10, ln 18) Plus: Service quality penalties Amortization of acquisition premium				
Total utility plant (pg. 8, ln 2)		Total interest charges (pg. 10, ln 39) Preferred dividends declared			\$ 5 00	
Total utility plant (pg. 8, ln 2)		Total utility plant as % of total utility plant and other property and inv	estments			
(B) Total utility common equity (Note 2) Total proprietary capital (pg. 9, In 13) Less: Unappropriated undistributed retained earnings Preferred Stock Issued Unamortized acquisition premium Subtotal balance @ balance @ beg. of year end of year 358,145,264 338,806,932 348,476,098 358,145,264 338,806,932 348,476,098 99.76%		Total other property and investments (pg. 8, lns 4 & 6)	end of year 1,230,228,266 2,989,419	0.24%		16,969,743
beg. of year end of year 358,145,264 338,806,932 348,476,098		Net utility income available for common shareholders				29,903,954
Less: Unappropriated undistributed retained earnings Preferred Stock Issued Unamortized acquisition premium Subtotal 358,145,264 338,806,932 348,476,098 99,76%	(B)	Total utility common equity (Note 2)			_	
Unappropriated undistributed retained earnings Preferred Stock Issued Unamortized acquisition premium Subtotal 358,145,264 338,806,932 348,476,098 99,76%				358,145,264	338,806,932	348,476,098
99.76%		Unappropriated undistributed retained earnings Preferred Stock Issued Unamortized acquisition premium			338 806 932	
				330,140,204	000,000,002	99.76%

Notes:

- (1) Amortization of acquisition premium included due to approval for recovery in DTE 99-19.
 (2) Unamortized acquisition premium adjustment is not applicable due to approval for recovery in DTE 99-19.
 (3) Excluding the impact of Out of Period adjustments, \$475,516, the distribution business ROE was 8.68%.

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Designate in column (c) by the terms "none" or "not applicable," as appropriate, in instances where no information or amounts have been reported in certain schedules. Pages may be omitted where the responses are "none" or "not appplicable" to the schedules on such pages.

Time of Schedule (a)	Schedule Page Number (b)	Remarks (c)
General Information Comparative Balance Sheeet Statement of Income for the Year Statement of Earned Surplus Summary of Utility Plant and Reserves for Depreciation and Amortization Utility Plant - Electric Utility Plant - Gas Nonutility Property Investments Special Funds Special Deposits Notes Receivable Accounts Receivable Receivables from Associated Companies Materials and Supplies Production Fuel and Oil Stocks Unamortized Debt Discount and Expense and Unamortized Premium on Debt	4- 7 8- 9 10-11 12 13 14-16 17-18 19 20 21 21 21 22 22 22 23 24 25	N/A N/A N/A N/A
Extraordinary Property Losses Miscellaneous Deferred Debits Discount on Capital Stock Capital Stock Expense Capital Stock and Premium Other Paid-In Capital Long-Term Debt Notes Payable Payables to Associated Companies Miscellaneous Current and Accrued Liabilities Other Deferred Credits Reserve for Depreciation of Utility Plant in Service	27 27 28 28 28 29 30 31 31 32 32 32 33 33 33	N/A N/A N/A N/A
Method of Determination of Depreciation Charges Dividends Declared During Year Operating Reserves Reserves For Deferred Federal Income Taxes Contributions in Aid of Construction Electric Operating Revenues Sales of Electricity to Ultimate Consumers	34 34 35 36,36A 36B 37 38	N/A N/A N/A

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Time of Schedule (a)	Schedule Page Number (b)	Remarks (c)
Electric Operation and Maintenance Expenses Summary of Electric Operation and Maintenance Expenses Gas Operating Revenues Sales of Gas to Utimate Consumers Gas Operation and Maintenance Expenses Summary of Gas Operation and Maintenance Expense Sales for Resale - Gas Sales for Resale - Residuals Purchased Gas Taxes Charged During Year Other Utility Operating Income Income from Merchandising, Jobbing and Contract Work Sales for Resales - Electric Purchased Power Iterchange Power Electric Energy Account Monthly Peaks and Output Generation Stations Steam Generation Stations Steam Generating Stations Hydroelectric Generation Stations Combution Engine and Other Generation Stations General Station Statistics - Small Stations Transmission Line Statistics Substations Overhead Distribution Lines Operated Electric Distribution Services, Meters and Line Transformers Condult, Underground Cable and submarine Cable Street Lamps Connected to System Record of Sendout for the Year in MMBTU Gas Generating Plant Boilers Scrubbers, Condensers, and Exhausters Purifiers Holders Transmission and Distribution Mains Gas Distribution Services, House Governors and Meters Rate Schedule Information Advertising Expense Lobbying Expense Deposits and Collateral Signature Page	39-42 42 43 44 45-47 47 48 48 48 48,48A 49 50 51 52-53 54-55 56 57 57 58-59 60-61 62-63 64-65 66 67 68 69 69 70 71 72-73 74 75 75 76 76 76 77 78 79 80A 80B 80C 81	N/A

GENERAL INFORMATION

PRINCIPAL AND SALARIED OFFICERS AS OF DECEMBER 31, 2016*

Titles	Names	Addresses	Annual Salaries (A)
Chairman	James J. Judge	800 Boylston Street, Boston, MA 02199	\$ 36,476
Chief Executive Officer	Werner J. Schweiger	107 Selden Street, Berlin, CT 06037	42,142
President and Chief Operating Officer	 William J. Akley	1 107 Selden Street, Berlin, CT 06037	174,012
 Executive Vice President, Chief Financial Officer and Treasurer	Philip J. Lembo	247 Station Drive, Westwood, MA 02090	16,946
Executive Vice President and General Counsel	Gregory B. Butler	56 Prospect Street Hartford, CT 06103	28,493
 Vice President-Supply Chain, Environmental Affairs and Property Management	Ellen K. Angley	247 Station Drive, Westwood, MA 02090	12,447
 Vice President, Controller and Chief Accounting Officer	Jay S. Buth	107 Selden Street, Berlin, CT 06037	11,145
 Vice President-Energy Supply	James G. Daly	247 Station Drive, Westwood, MA 02090	13,690
 Vice President-Gas Operations	Albert A. Marsocci, Jr.	247 Station Drive, Westwood, MA 02090	118,477
 Secretary and Clerk	Richard J. Morrison	800 Boylston Street, Boston, MA 02199	11,719
	l 1		

[A] Represents the portion of the total annual salary allocated to NSTAR Gas by Eversource Energy Services Company.

DIRECTORS AS OF DECEMBER 31, 2016*

The state of the s	Names	Addresses	Fees Paid During Year
	Gregory B. Butler	56 Prospect Street, Hartford, CT 06103	None
	James J. Judge	800 Boylston Street, Boston, MA 02199	None
10000	Philip J. Lembo	247 Station Drive, Westwood, MA 02090	None
10000	Werner J. Schweiger	107 Selden Street, Berlin, CT 06037	None
			iii

* By General Laws, Chapter 164, Section 83, the Return must contain a "list of the names of all their salaried officers and the amount of the salary paid to each," and by Section 77, the department is required to include in its annual report "the names and addresses of the principal officers and of the directors."

GENERAL INFORMATION - Continued

 Corporate name of company making this report. NSTAR Gas Company

- 2 Date of organization. June 20, 1849 as Worcester Gas Light Company. On December 31, 1971, Worcester Gas Light and Cambridge Gas Company (organized 1852) were merged and name was changed to Commonwealth Gas Company. Effective March 26, 2001, Commonwealth Gas Company formally changed its name to NSTAR Gas Company.
- 3. Date of incorporation. May 31, 1851.
- Give location (including street and number) of principal business office: 247 Station Drive, Westwood, MA 02090
- 5. Total number of stockholders: One
- 6. Number of stockholders in Massachusetts: One

No. of shares,	2,857,000	\$ 71,425,000
No. of shares,	48,000	\$ 1,200,000
No. of shares,	2,809,000	\$ 70,225,000
		\$ 71,425,000
	No. of shares,	No. of shares, 48,000

10. If any stock has been issued during the last fiscal period, give the date and terms upon which such issue was offered to the stockholders, and if the whole of any part of the issue was sold at auction, the date or dates of such sale or sales, the number of shares sold and the amounts realized therefrom.

NONE

11. Management Fees and Expenses during the Year.

List all individuals, corporations or concerns with whom the company has any contact or agreement covering management or supervision of its affairs, such as accounting, financing, engineering, construction, purchasing, operation, etc., and show the total amount paid to each for the year.

Eversource Energy Services Company (EESCO) rendered various services at cost amounting to \$46,921,509

GENERAL INFOMATION - Continued

 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 Gas property:

ADDITIONS:

- A. 3,225' of 2"-12" mains plastic pipe at 'H-P HYDE PARK AVE PINE TO WEST SRVC
- B. 11,912' of 2"-8" mains plastic at BRIDLE RIDGE DR N GRAFTON ESTATES
- C 9,324' of 2"-12" mains plastic pipe and 6" steel pipe at HOP LEGACY FARMS NORTH- (12" SI)
- D. 3,642' of 1.25"-12" mains plastic pipe at SPEEN ST
- E. 4,579' of 2"-12" mains plastic pipe at HOP WOOD ST (ROCKY WOODS RD TO # 294)
- F. 3,179' of 3"-12" mains plastic pipe at DAR FAUNCE CORNER RD (SI OVER I 195 BRIDGE)
- G. 2,208' of 1.25"-12" mains plastic pipe at WOR LINCOLN ST (BENSON AVE TO PLANTATION ST)
- H. 2,210' of 2"-8" mains plastic pipe at H-P HYDE PARK AVE METROPOLITAN AV TO ROS T/L
- I 884' of 2" mains plastic pipe at NEB WINSOR ST-GMRI#8000
- J 6,464' of 1.25" -6"mains plastic at MAIN ST (HSE # 21 TO # 116)- MASS DOT JOB

RETIREMENTS

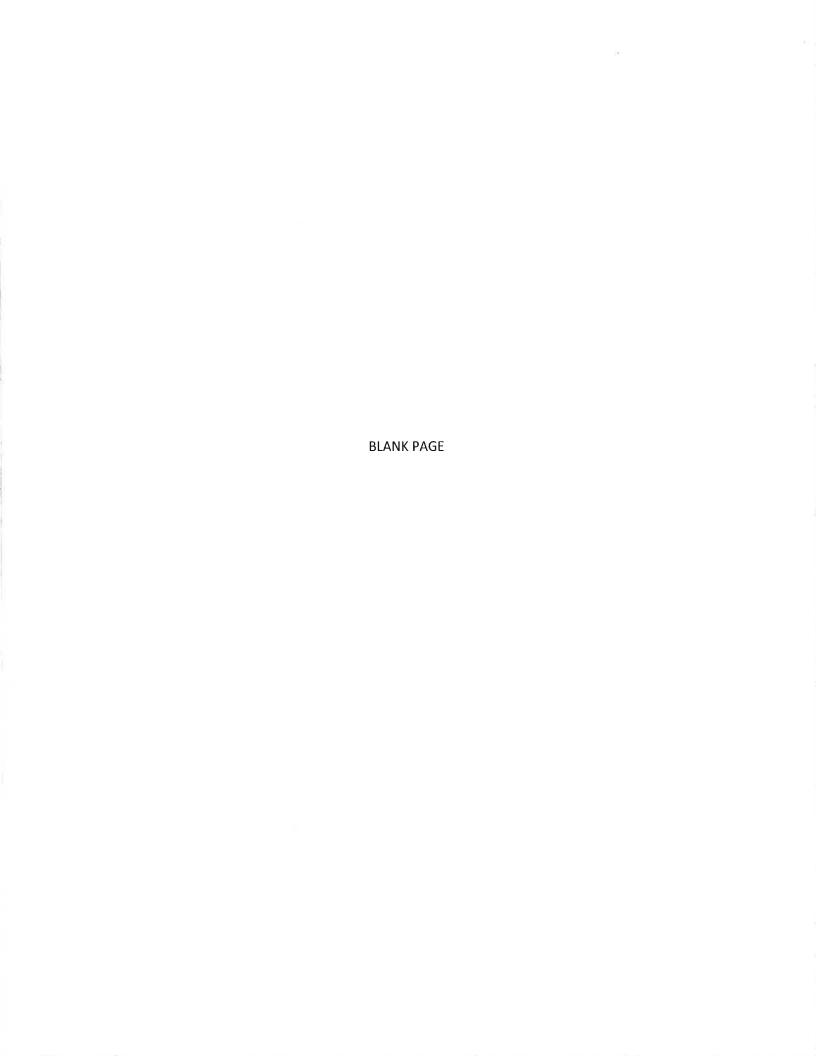
- A. 271' of 1"-8" mains plastic pipe and 2" steel pipe at 'H-P HYDE PARK AVE PINE TO WEST SRVC
- B. 3,392' of 1.25"-4" mains plastic pipe and 2"-6" steel pipe at SPEEN ST
- C 4,619' of 2" mains plastic pipe and 2"-8" steel pipe at HOP WOOD ST (ROCKY WOODS RD TO # 294)
- D. 2,472' of 1.25"-8" mains plastic pipe and 2"-8 " steel at WOR LINCOLN ST (BENSON AVE TO PLANTATION ST)
- E. 2,272' of 2"-8" mains plastic pipe,2"-6" steel pipe, 10" cast iron at H-P HYDE PARK AVE METROPOLITAN AV TO ROS T/L
- F. 13,547' of 4" mains plastic and 3" cast iron pipe at NEB WINSOR ST-GMRI#8000
- G. 6,324' of 2" mains plastic at PIPE MAIN ST (HSE # 21 TO # 116)- MASS DOT JOB

NSTAR GAS Year ended December 31, 2016

GENERAL INFORMATION - Continued

Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.

Acushnet Ashland Auburn Berlin Bolton Boylston Cambridge Carver	1,980 5,057 1,352 171 29 283 34,816 1,386	Norwood Plymouth Rochester Sherborn Shrewsbury Somerville Southborough	7,
Auburn Berlin Bolton Boylston Cambridge	1,352 171 29 283 34,816	Rochester Sherborn Shrewsbury Somerville	10, 7, 20,
Berlin Bolton Boylston Cambridge	171 29 283 34,816	Sherborn Shrewsbury Somerville	7,
Bolton Boylston Cambridge	171 29 283 34,816	Shrewsbury Somerville	7,
Boylston Cambridge	283 34,816	Somerville	
Cambridge	34,816	Somerville	20
Cambridge			20
			1
	1.300	Sterling	
Dartmouth	7,209	Stow	
Dedham	8,522	Sutton	
Dover	13	Upton	
Fairhaven	5,916	Uxbridge	1
Framingham	14,184	Wayland	
Freetown	288	Westborough	4
Grafton	4,157	West Boylston	i
Holden	1,518	Westwood	2
Holliston	3,486	Worcester	49
Hopedale	406	Wordstor	-10
Hopkinton	3,540		
Hudson	6,415		
Hyde Park	9,505		
Kingston	2,057		
Leicester	5		
Marion	953		
Marlborough	11,234		
Mattapoisett	1,502	1	
Maynard	3,212		
Medford	86		
Mendon	115		
Middleborough	28		
Milford	5,912		V.
Millbury	2,149		
Milton	2,149		
Millville	1		
Natick	8,656		
Needham	6,820		
New Bedford	37,683		
Northborough	2,731		
Northbridge	2,731		
Nottribriage	2,450		
		TOTAL	298



COMPARATIVE BALANCE SHEET Assets and Other Debits

1 2 3 4 5	UTILITY PLANT Utility Plant (101-107) P.13	I	j j	
4	Ctility Clarit (10.1 vol.)	\$ 1,110,921,852	\$ 1,230,228,266	\$ 119,306,414
	OTHER PROPERTY AND INVESTMENTS	2 002 440	2,983,419	
9 I	Nonutility Property (121) P.19	2,983,419	2,903,419	
6	Other Investments (124) P.20	6,000	6,000	-
7 1	Special Funds (125-129) P.21	-	16,191,576	16,191,576
'i	oppositi i di do (120 120) i .2 i	*****************	***************************************	
8	Total Other Property and Investments	2,989,419	19,180,995	16,191,576
9 I	CURRENT AND ACCRUED ASSETS	TERRESHORES CONTROL CO		
10	Cash (131)	a.	€	
11	Special Deposits (132,133,134) P.21	300	-	=
12	Working Funds (135)	(長)	=	
13	Temporary Cash Investments (136) P.20			•
14	Notes and Accounts Receivable (141,142,143) P.22		57,106,473	3,311,892
15	Receivables from Assoc. Companies (145,146) P.23		5,736,306	(32,370,888)
16	Material and Supplies (151-159,163,164) P.24	21,001,355	19,211,013	(1,790,342)
17	Prepayments (165)		=	==
18	Interest and Dividends Receivable (171)		6.005	- - - - -
19	Rent Receivable (172)		6,905	(5,837)
20	Accrued Utility Revenues (173,175)	7,575,074	41,972,054	34,396,980
21	Misc. Current and Accrued Assets (174)	-	-	
22	Total Current and Accrued Assets	120,490,946	124,032,750	3,541,804
00	DEFERRED DEBITS	1		
23	DEFERRED DEBITS Unamortized Debit Discount and Expense (181) P.26	786,405	700,681	(85,724)
24 25	Extraordinary Property Losses (182) P.27	50 (700,001	1 (00,721)
26	Preliminary Survey and Investigation Charges (183)		i se	1 -
27	Clearing Accounts (184)	20	1	į
28	Temporary Facilities (185)		i -	i -
	Miscellaneous Deferred Debits (186) P.27	269,563,151	259,136,279	(10,426,872)
30	Matured Interest (240)			***************************************
31	Total Deferred Debits	270,349,556	259,836,960	(10,512,596)
31	I CAPITAL STOCK DISCOUNT AND EXPENSE	i	į	j
32	Discount on Capital Stock (191) P.28	<u> </u>	-	j =
33	Capital Stock Expense (192) P.28	T		-
34	Total Capital Stock Discount and Expense			
35	REACQUIRED SECURITIES		processor of the control of the cont	
36	Reacquired Capital Stock (196)	i e	120	i -
37	Reacquired Bonds (197)		i e	1
38	Total Reacquired Securities			-
39	Total Assets and Other Debits	\$ 1,504,751,773	\$ 1,633,278,970	\$ 128,527,197

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

 Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	PROPRIETARY CAPITAL			
2	CAPITAL STOCK	J	ĺ	
3	Common Stock Issued (201) P.29.	\$ 71,425,000	\$ 71,425,000	\$ -
4	Preferred Stock Issued (204) P.29.	=	-	
5	Capital Stock Subscribed (202,205)		· .	95 CE
6	Premium on Capital Stock (207) P.29	-		
7	Total	71,425,000	71,425,000	=
8	SURPLUS	seamentamente de la constitución d		
9	Other Paid-In Capital (208-211) P. 12.	271,233,483	271,233,483	=
10 i	Earned Surplus (215,216) P. 12	15,486,781	(3,851,551)	(19,338,332)
11	Surplus Invested in Plant (217)	* 1	(#E	*
12	Total	286,720,264	267,381,932	(19,338,332)
13	Total Proprietary Capital	358,145,264	338,806,932	(19,338,332)
14	LONG TERM DEBT			
15	Bonds (221) P.31	310,000,000	310,000,000	<u>=</u>
16	Advances from Assoc. Companies (223) P.31) = (f	
17	Other Long-Term Debt (224) P.31			
18	Total Long-Term Debt	310,000,000	310,000,000	-
19	CURRENT AND ACCRUED LIABILITIES	***************************************		, - 162101
20	Notes Payable (231) P.32	3+3	i -	-
21	Accounts Payable (232)	40,588,579	48,440,200	7,851,621
22	Payables to Associated Companies (233,234) P.32	18,445,015	101,083,975	82,638,960
23	Customer Deposits (235) P.80C.	1,269,852	1,256,809	(13,043)
24	Taxes Accrued (236)	27,505,539	33,709,534	6,203,995
25	Interest Accrued (237)	3,705,505	3,720,295	14,790
26	Dividends Declared (238)	Tier	j	-
27	Matured Long-Term Debt(239)	·=:	T	-
28	Matured Interest (240)	· ·		
29	Tax Collections Payable (241)	319,876	704,190	384,314
30	Misc. Current and Accrued Liabilities (242) P.33	10,068,543	9,967,232	(101,311)
31	Total Current and Accrued Liabilities	101,902,909	198,882,236	96,979,326
32	DEFERRED CREDITS	A STATE OF THE STA	A STATE OF THE PARTY OF THE PAR	
33	Unamortized Premium on Debt (251) P.26.	*	Ì -	1
34	Customer Advances for Construction (252)	2,023,500	-	(2,023,500
35	Other Deferred Credits (253) P.33	143,436,833	147,038,892	3,602,059
36	Total Deferred Credits	145,460,333	147,038,892	1,578,559
37	RESERVES	·	1	
38	Reserves for Depreciation (254-256) P.13	372,458,640	393,657,343	21,198,704
39	Reserves for Amortization (257-259) P.13		2,667,570	618,184
40	Reserve for Uncollectible Accounts (260)	15,773,238	16,373,871	600,633
41	Operating Reserves (261-265) P.35	24,904,907	26,773,956	1,869,049
42	Reserve for Depreciation & Amortization of Nonutility Property (266)	(2,054)	100,070,470	2,054
43	Reserves for Deferred Federal Income Taxes (268)	174,059,150	199,078,170	25,019,020
44	Total Reserves	589,243,267	638,550,909	49,307,644
45	CONTRIBUTIONS IN AID OF CONSTRUCTION	es entre val de la compute de	Zama ama a A — (1994) Pari Pari Pari Pari	
46	Contributions in Aid of Construction (271) P. 36	-		-
47	Total Liabilities and Other Credits	\$ 1,504,751,773	\$ 1,633,278,970	\$ 128,527,197

STATEMENT OF INCOME FOR THE YEAR Increase or (Decrease) from Preceding Year Line Account **Current Year** (c) (b) No. (a) OPERATING INCOME \$ 421.678.953 (64,924,338)2 Operating Revenues (400) P.43.. Operating Expenses: 3 Operation Expense (401) P.42,47..... (71,997,828)299,330,266 Maintenance Expense (402) P.42,47..... 7,902,342 (23, 294)5 29,146,468 (1.261.903)Depreciation Expense (403) P.34..... Amortization of Utility Plant (404 and 405)..... 620,037 (195,625)Amortization of Regulatory Credits, net (407.3, 407.4)..... (4,040,573)(6,938,573) 8 Amortization of Investment Tax Credit (406)..... Taxes Other Than Income Taxes (408) P.49..... 22,550,390 3,854,087 10 (17,591,585) (13,056,491)Income Taxes (409) P.49..... 11 Provision for Deferred Fed. Inc. Taxes (410) P.36. 44,056,694 7,097,537 12 14,130,574 (11,703,878)13 Fed. Inc. Taxes Def. in Prior Yrs.-Cr. (411) P.36..... 374,805,256 (72,926,609)14 Total Operating Expenses..... 8,002,271 46,873,697 Net Operating Revenues..... 15 Income from Utility Plant Leased to Others (412)-Net..... 16 17 Other Utility Operating Income (414) P.50..... 8.002,271 Total Utility Operating Income..... 46,873,697 18 OTHER INCOME 19 Income from Mdse. Job & Contract Work (415) P.51..... 20 29,761 Income from Nonutility Operations (417)..... 7,153 21 Nonoperating Rental Income (418)..... 83,375 22 449,862 417,558 23 Interest and Dividend Income (419)... 1,382,683 (914,584)Miscellaneous Nonoperating Income (421)..... 24 1,945,680 (489,873)25 Total Other Income..... 48,819,377 7,512,398 26 Total Income..... 27 MISCELLANEOUS INCOME DEDUCTIONS Miscellaneous Amortization (425).... 28 257.736 (826,729)Other Income Deductions (426)..... 29 30 Total Income Deductions..... 257,736 (826,729)48,561,641 8,339,127 31 Income Before Interest Charges..... INTEREST CHARGES 32 4,096,250 Interest on Long-Term Debt (427) P.31 16,673,083 33 Amortization of Debt Disc. & Expense (428) 114,956 10,341 34 Amortization of Prem. on Debt-Credit (429) P.26..... 182,825 51,995 36 Int. on Debt to Associated Companies (430) P.32..... 279,766 (62,588)37 Other Interest Expense (431)..... Interest Charged to Construction-Credit (432)..... (240,062)(184,196)38 17,010,568 3,911,802 39 Total Interest Charges..... 31,551,073 4,427,325 40 Net Income EARNED SURPLUS 41 Unappropriated Earned Surplus (at beginning of period) (216)..... 15,486,781 11,132,979 42 43 Balance Transferred from Income (433)..... 31,551,073 4,427,326 (9,232)Miscellaneous Credits to Surplus (434)..... 44 Miscellaneous Debits to Surplus (435)..... 89,405 89,405 45 Appropriations of Surplus (436)..... 46 31,461,668 4.328.689 47 Net Additions of Earned Surplus..... Dividends Declared-Preferred Stock (437)..... 48 49 Dividends Declared-Common Stock (438)..... 50,800,000 34,800,000

Unappropriated Earned Surplus (at end of period) (216).....

\$ (19,338,332)

(3.851.551)

STATEMENT OF EARNED SURPLUS (Accounts 215-216)

- 1. Report in this schedule an accounting for changes in appropriated and unappropriated earned surplus for the year.
- 2. Éach credit and debit during the year should be identified as to the surplus account in which included (Accounts 433-438 inclusive) and the contra primary account affected shown. Minor items may be grouped by classes; however, the number of items in each group should be shown.
- 3. For each reservation or appropriation of earned surplus state the purpose, amount, and in the case of reservations, the reserve account credited.

Explain in a footnote the basis for determining the amount reserved or appropriated and if such reservation or appropriation is to be recurrent, state the number and annual payments to be reserved or appropriated as well as the totals eventually to be accumulated.

- Dividends should be shown for each class and series of capital stock. Show amounts of dividends per share.
- 5. List credits first; then debits.

9		Contra	!
į,		Primary	1
- 0	i l	Account	1
ine	Item	Affected	Amount
No.	(a)	(b)	(c)
	LINAPPROPRIATED FARNED CURRILIO (Assessed 040)		\$
1 2	UNAPPROPRIATED EARNED SURPLUS (Account 216) Balance-Beginning of Year		15,486,781
3	Dalance-Degining of Teal		10,100,101
	i i		*
4			
5			1
6			//
7			
8			
9			\$
10			1
11			
12			
13	Condition		
14	Credits:	422	24 554 072
15	Net income (loss)	433	31,551,073
16			1
17	l		!
18	Debits:	404	50,000,000
19	Dividends on Common Stock:	131	50,800,000
20	Cash Dividend on Common Stock		
21	Accum Other Comprehensive Income	219	89,405
22			11.
	03/16- 2,857,000 shares at \$4.45 per share		Į.
	06/16 - 2,857,000 shares at \$4.45 per share		
	09/16 - 2,857,000 shares at \$4.45 per share		<u> </u>
26	12/16 - 2,857,000 shares at \$4.45 per share		
27	 Balance - end of year		(3,851,551
	APPROPRIATED EARNED SURPLUS (Account 215)		\$
28			*
29 30	State balance and purpose of each appropriated earned surplus amount at end of year and give accounting entries for any applications of appropriated earned		Y
31	surplus during the year.		Y
32	j sarpias aanny ino year.		1
33	I NONE		î
34	i none		î
35			i
36			ì
37			i
38			i
39			i
40	i e		ì
41			ì
42	₩		i
43			i
44			ì
45	1		1
46			ì
47			i
			1
ΛΩ.			
48 49			i i

SUMMARY OF UTILITY PLANT AND RESERVES FOR DEPRECIATION AND AMORTIZATION

Line	ltem	Total	Electric	Gas	Ī	1	Common
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	UTILITY PLANT:	i —— i		i			-
2	In Service:	0 4 005 070 225	!	\$ 1,035,070,335	ļ	Į	
3 4	101 Plant in Service (Classified) 106 Completed Construction not Classified	\$ 1,035,070,335 175,539,052		175,539,052	į		
5 <u> </u>	Total P. 18	1,210,609,387	**************************************	1,210,609,387	·)		
6 I	104 Leased to Others		*************				: чк
7 8	105 Held for Future Use 107 Construction Work in Progress	19,618,879		19,618,879	!	1	
9	Total Utility Plant	1,230,228,266	±	1,230,228,266	-	-)
10 	DETAIL OF RESERVES FOR DEPRECIATION AND AMORTIZATION						
11 12 13	In Service: 254 Depreciation P. 34	393,657,343 2,667,570		393,657,343 2,667,570			
14	Total, in Service	396,324,913	=	396,324,913	*	*	-
15 16 17	 Leased to Others: 255 Depreciation 258 Amortization						
18	Total, Leased to Others			-	-	-	*
19			• • • • • • • • • • • • • • • • • • • •				
20 21	256 Depreciation 259 Amortization			}	1	1	
22	l Total, Held for Future Use	-	•	-			12 12 12 12 12 12 12 12 12 12 12 12 12 1
23	Total Reserves for Depreciation and Amortization	\$ 396,324,913			-		

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effect of such amounts. 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).	Adjustments Transfers End of Year Long of Yea	\$ 5,583,554	5,583,554	NSTAR GAS COMPANY		
the preceding year. Such items should be included in column (c) or (d) as appropriate. 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative	Retirements (d)		0			
the preceding year. Such items sho in column (c) or (d) as appropriate. 3. Credit adjustments of plant acco enclosed in parentheses to indicate	Additions (c)	\$ 631,455	631,455		1	
\$ 12 00 W	Balance Beginning of Year (b)	\$ 4,952,099	4,952,099			
 Report below the cost of utility plant in service according to prescribed accounts. Do not include as adjustments, corrections of additions and retirements for the current or 	Account (a)	1. INTANGIBLE PLANT 301 Organization	Total Intangible Plant	2. PRODUCTION PLANT Manufactured Gas Production Plant. 304 Land and Land Rights. 305 Structures and Improvements. 306 Boiler Plant Equipment. 307 Other Power Equipment. 310 Water Gas Generating Equipment. 311 Liquefied Petroleum Gas Equipment. 312 Oil Gas Generating Equipment. 313 Generating Equipment. 315 Catalytic Cracking Equipment. 316 Other Reforming Equipment. 317 Purification Equipment. 319 Gas Mixing Equipment. 320 Other Equipment.	Total Manufactured Gas Production Plant	360 Land and Land Rights
 Repartice Do n of additi 	Line No.	- 0 m	4	20	21 22	23

4. TRANSMISSION AND 365.1 Land and Land Rights 365.2 Rights of Way 365.1 Land and Land Rights 366.2 Rights of Way 366.2 Rights of Rights 366.2 Rights of Rights 367.2 Rights of Rights 368.3 Rights Rights 368.3 Rights Rights 369.2 Rights of Rights 369.2 Rights and Improvements 369.2 Rights and Rights 360.2 Rights 360.2 Rights and Rights 360.2 Rights and Rights 360.2 Rights 360.2 Rights and Rights 360.2	Adjustments (e)	Transfers (f)	Balance End of Year (g)
\$ 739,677 (2,938) 253,643 4,413,841 527,666,235 62,687,113 527,666,235 62,687,113 527,666,235 62,687,113 354,892,397 32,100,507 31,138,574 4,313,585 60,058,718 8,558,152 673,956 1,022,105,847 112,297,170 1,022,105,847 112,297,170 1,022,105,847 1,022,105,847 1,022,105,847 1,031 1,032,165 1,082,588,632 129,879,675 1,082,588,632 129,879,675 1,082,588,632 129,879,675 1,082,588,632 1,29,879,675 1,29,879,675	_		
253,643 4,413,841 527,666,235 36,372,901 35,392,397 31,138,574 673,956 673,956 673,956 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632	•	7	736,739
527,666,235 62,687,113 36,372,901 4,640,751 354,892,397 32,100,507 31,138,574 4,313,585 60,058,718 8,558,152 673,956 7112,297,170 1 1,022,105,847 112,297,170 1 1,022,105,847 112,297,170 1 1,04,818 3,196,072 559,377 718,931 1 561 13,028,165 83,161 2,560,782 1 55,530,686 16,951,050 1 1,082,588,632 129,879,675 1	<u> </u>		253,643 4 413 841
36,372,901 36,372,901 32,100,507 31,138,574 60,058,718 673,956 5,895,905 1,022,105,847 1,022,105,847 1,022,105,847 1,022,105,847 1,020,511 27,843,500 9,348,014 174,818 174,818 13,028,165 55,530,686 16,951,050 1,082,588,632 129,879,675 1,082,588,632 129,879,675			589,647,376
36,372,901 354,892,397 31,138,574 60,058,718 673,956 5,895,905 1,022,105,847 1,022,105,847 1,022,105,847 1,020,511 27,843,500 9,348,014 174,818 559,377 2,796,781 13,028,165 55,530,686 16,951,050 1,082,588,632 129,879,675 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632 1,082,588,632	_	ì	
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			1,210,609,387
104 I Hility Plant Leased to Others			
Carry Light Edges of Carry		<u>.</u>	,
	•	e e	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
107 Construction Work in Progress 28,333,220 (8,714,341) -		0	19,618,879
Total Utility Plant - Gas. \$ 1,110,921,852 \$ 121,165,334 \$ 1,858,920 \$			1,230,228,266

NONUTILITY PROPERTY (ACCOUNT 121)

Give particulars of all investments of the respondent in physical property not devoted to utility operation,

ne o.	Description and Location (a)	Book Value At End of Year (b)	Revenue for the Year (c)	Expense for the year (d)	Net Revenue for the Year (e)
1 2	Land - 736,164 sq. ft. (1894 - 1925)				
3 j	Main Street	i i	ĺ	1	
4	Milford	\$ 1,982		\$ 20,341	\$ (20,341
5		I		1	
6	Land - Lot 1, 31.54 acres; Lot 2, 17,283 sq. ft (1996)	1 1	j j		
7	Peckham Road			l)	
B	Acushnet	86,237			
9	(4007)				
0	Land 27,700 sq. ft. (1997)		l l		
1	Improvements (1997)	!			
2	Front Street (Pole Yard)	102.750		!	
3	New Bedford	102,750			
4 5	Land - 58,436 sq. ft. (1997)	4			
6	Land - 56,456 sq. n. (1997) Improvements (1997)	4			
7	Front Street (Parking)				
8	New Bedford	81,887		31,884	(31,88
9	11011 2001014	0,,007		0.,007	(5.,00
20	Land - 212.93 acres (2000)	i i	i	i i	
21	Peckham Road Keene Road	i	i	i i	
2	Acushnet	2,692,576	135,600	i	135,60
23		i	1	i i	,
24	Land - 10.7 acres (2006)	i	İ	i i	
25	Horse Pond Tap (Easement)	j i	ĺ	i i	
26	Plymouth	17,987	ĺ	l i	3
27	ĺ	(i)		ļ j	
28		10	l	į j	
29		N. I	!	l l	
30		(i)	!	į j	
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			Variable of the second	TARGET AND A CONTROL OF THE PARTY OF THE PAR	POWER STREET,

INVESTMENTS (ACCOUNTS 123, 124, 136)

Give particulars of all investments in stocks, bonds, notes, etc. held by the respondent at the end of the year. Provide a subheading for each list thereunder the information called for.

ne o.	Description of Security Held by Respondent (a)		Aı	mount (b)
1	Account 124:			
2	I. Managabua da Buaisana Baudanmant Camaratian	Į.		
3 4		la la	\$	6,00
5	500 Shares - Common Stock	i	*	9,00
6		1		
7	Į.			
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14 15		i		
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19 20	ł	ł		
21		i		
22	f			
23	<u> </u>	I		
24 25		1		
26		i		
27	i e)		
28		1		
29 30		1		
31	i	i		
32	f .	1		
33	1			
34 35				
36	I .	i		
37	I	1		
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39 40	i i	1		
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43 44	4			
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49 50			į.	
51	I .		1	
52		TOTAL	\$	6,0
53		TOTAL	Φ	0,0

SPECIAL FUNDS (Account 125, 126, 127, 128, 129)

(Sinking Funds Depreciation Fund, Amortization Fund-Federal, Other Special Funds)

Report below the balance at end of year of each special fund maintained during year. Identify each fund as to account in which included Indicate nature of any fund included in Account 128/129, other Special Funds.

1	Name of fund and Trustee if Any (a)		 	Balance End of Year (b)
•	Name of Company (a)	End of Year (b)	Rate (c)	Amount (d)
1	Account 129 - PBOP Funds			
2 3 4 5 6 7 8 9 0 1 2 1 3 4 1	Prepaid Post Retirement Benefits			\$ 16,191,57
5 6 7 8 9 1 1 2 1 3 1 4 1 1 1 1 1 1 1 1	SPECIAL DEPOSITS (Accounts 132, 133, 134) 1. Report below the amount of special deposits by classes at end of year. 2. If any deposit consists of assets other than cash, give a brief description of such asset 3. If any deposit is held by an asociated company, give name of company.		TOTAL	\$ 16,191,57
27 28 29 28 29 29 20 20 20 20 20 20	Interest Special Deposits (Account 132)			
8 19 10		1	TOTAL	NONE

NOTES RECEIVABLE (Account 141)

- 1. Give the particulars called for below concerning notes receivable at the end of year.
- 2. Give particulars of any note pledged or discounted.
- 3. Minor items may be grouped by classes, showing number of such items.
- 4. Designate any note the maker of which is a director, officer or other employee.

Line No.	Name of Maker and Purpose for Which Received (a)	Date of Issue	Date of Maturity (c)	Interest Rate (d)	Amount End of Year (e)
	NOVE				\$
1	NONE		1		
2			1	}	
3 4			1	1 1	
5			1	1 1	
6 1		ľ	i	i i	
7 1			i	î î	
8		i.	İ	î î	
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16		Į.	ļ.	i i	
17		1	T.	T 3	
1				TOTAL	NONE

ACCOUNTS RECEIVABLE (Accounts 142, 143)

- 1. Give the particulars called for below concerning accounts receivable at end of year.
- 2. Designate any account included in Account 143 in excess of \$5,000.

Line No.	Description (a)	Amou	int End of Year (b)
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 40 41	Customers (Account 142): Electric	\$	54,816,039 49,096 384,032 1,762,468 94,643 195
42 43			
44 45		TOTAL \$	57,106,473

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145,146)

- Report particulars of notes and accounts receivable from associated companies at end of year.
- Provide separate headings and totals for Account 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.
- For notes receivable list each note separately and state purpose for which received. Show also in column (a) date of note and date of maturity.
- 4. If any note was received in satisfaction of an open account, state the period covered by such open account.
- 5. Include in column (d) interest recorded as income during the year, including interest on accounts and notes held any time during the year.
- 6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

				Intere	est for Year
.ine lo.	Name of Company (a)		Amount End of Year (b)	Rate (c)	Amount (d)
1	Account 146:				
2			1		
4	NSTAR Electric Company		\$ 4,831,120	j	i
	Eversource Energy Services Company		697,140	1	ľ
6	Western Massachusetts Electric Company		23,146 116,134)	
7 8	Hopkinton LNG Corp Yankee Gas Services Company		68,766		l I
9	Talikee Gas Services Company		00,700		
10	İ		i i		İ
11					!
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13 14					
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28 29			1		Į.
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38 39					l.
40	†				
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42	Ĭ.		ļ l		!
43	Į)	TOTALS	\$ 5,736,306		l l

MATERIAL AND SUPPLIES (ACCOUNTS 151-159,163 & 164) Summary Per Balance Sheet

Line No.	Account (a)	Electric (b)	Gas (c)
1 2	Fuel (Account 151) (See Schedule, Page 25)		\$ 1,763,137
3 4 5	Residuals (Account 153)		4,354,873
6 7 8	Other Materials and Supplies (Account 156)		13,093,385
9 10	Nuclear Byproduct Materials (Account 159)		(382)
11 12 13	Total Per Balance Sheet \$ 19,211,013	च्या सम्बद्धाः स्थापनायम् । १८०० ४० % ।	\$ 19,211,013
14 15 16			
17 18	į		i t
19 20			
21 22 23			
24 25	į		
26 27			
28 29 30	<u>I</u>		
31 32	·		
33 34	<u> </u>		
35 36 37	į		
38 39	·		į
40 41			
42 43 44			
45 46	i l		j
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PRODUCTION FUEL AND OIL STOCKS - Included in Accounts 151 & 164	(Except Nuclear Materials)
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- 2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.3. Each kind of coal or oil should be shown separately.4. Show gas and electric fuels separately by specific use.

-				Kinds of F	Kinds of Fuel and Oil			
		Total		Liquefied Natural Gas (MCF) - Acct 164	as (MCF) -	Acct 164		
	llem (a)	(a)		Quantity (c)	Ö	Cost (d)		
7 2 8	On Hand Beginning of Year Received During Year	\$ 18,189,734 6,026,252 	4 0 	3,293,884 1,476,323	<i>⇔</i>	15,154,125		
	TOTAL	24,215,986	 	4,770,207		20,237,931		
5 6 7 10 10	Used During Year. (Note A) LNG Vaporized LNG Boil Off From Storage for Distribution to Customers Fuel Gas Sold or Transferred	4,079,297 3,065,249 2,157,340 57,578		1,072,888 704,943		4,079,297		
12	TOTAL DISPOSED OF	9,359,464	4 	1,777,831		7,144,546		
13 - 4	BALANCE END OF YEAR	\$ 14,856,522	2	2,992,376	₩.	13,093,385		
			- -	Natural Gas in Storage - (Acct 151)	orage - (Acc	t 151)		
		Inver	Algonquin Inventory (MMbtu)	(1		Tenn Inventory	Tennessee Inventory (MMbtu)	
	Item (g)	Quantity (h)		Cost (i)	σ	Quantity (j)		Cost (k)
15 17 17	On Hand Beginning of Year Received During Year	976,922 701,575	2 5 *	3,035,609 942,446		e e	₩	
8 19 6	TOTAL	1,678,497		3,978,055				
22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	Used During Year: (Note A) From Storage for Distribution to Customers Fuel Gas Sold or Transferred	751,876 20,065	& ið	2,157,340 57,578		3 (6		* #
	TOTAL DISPOSED OF	771,941	<u> </u>	2,214,918				
27 28	BALANCE END OF YEAR	906,556	\$ 99	1,763,137		10	↔	

1. Rel Debt Debt, I applica	UNAMORTIZED DEBT DISCOUN 1. Report under separate subheadings for Unamortized Debt Discount and Expense and Unamortized Premium on Debt, particularly of discount and expense or premium applicable to each class and series of long-term debt.	UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND UNAMORTIZED PREMIUM ON DEBT (Accounts 181, 251) a subheadings for Unamortized remium on premium with respect to the amount of bonds or other long-term debt originally issued. 5. Furnish particulars regarding the treatment of unamortized debt discount and expense or premium,	ENSE AND UNAMORTIZED PREMIUM ON DEBT (Acco 4. In column (c) show the discount and expense or premium with respect to the amount of bonds or other long-term debt originally issued. 5. Furnish particulars regarding the treatment of unamortized debt discount and expense or premium,	VITZED PREMIU ow the discount set to the amoun inally issued. ars regarding the liscount and exp	M ON DEBT (Acand expense or tof bonds or other treatment of treatment of ense or premium	counts 181, 251) ter	Accounts. 6. Set out sepaundisposed am which were red. 7. Explain any	Accounts. 6. Set out separately and identify undisposed amounts applicable to issues which were redeemed in prior years. 7. Explain any debits and credits	ssnes
2. Sh 9. 1. Sh 1. 1. Sh	 Show premium amounts by enclosure in parentheses. In column (b) show the principal amount of bonds or other long-term debt originally issued. 	arentheses. bonds	redemption premiums, and redemption expenses associated with issues redeemed during the year, also, date of the Department's authorization of treatment other than as specified by the Uniform System of	ms, and redemp deemed during i nent's authorizat fied by the Unifo	tion expenses a the year, also, ion of treatment rm System of	-COOSS	orner tran anno Account 428, A Discount or Ext Account 429, A Debt - Credit.	orner than antofuzation debuted to Account 428, Amortization of Debt Discount or Expense, or credited to Account 429, Amortization of Premium on Debt - Credit.	uo wn
1		Principal Amount of Securities to which Discount and Expenses or	Total Discount and Expense or	Amortizati	Amortization Period	Balance	Debits		Balance
Line	Designation of Long-Term Debt	Premium Minus Expense, Relates	Net Premium (Omit Cents)	From		Beginning of Year	During Year	Credits During Year	End of Year
o N	(a)	(a) (b)	(0)	(p)	(e)	€	(6)	(h)	8
1-0	Account 181								
144	Series J Bonds 9.95%	25,000,000	190,000	12-01-90	12-01-20	36,213	61 6	7,243 7,075	28,970 120,277
) ~ (Series M Bonds 7.04%	25,000,000	399,897	09-26-97	09-30-17	35,284		20,162 	15,123 207,819
	Series O Bonds 4.46%	100,000,000	390,557	12-08-15	12-08-45	310,463	79,232	61,203	328,491
	V H	\$310,000,000	1 935 810			\$ 786,405	1 \$ 79,232	1 \$ 164,956	700,681
	A CO					# # #	48 48 48 48	II II II	
23									

EXTRAORDINARY PROPERTY LOSSES (Account 182)

- Report below particulars concerning the accounting for extraordinary property losses.
 In column (a) describe the property abandoned or extraordinary loss suffered, date of abandonment or loss, date of Department authorization of use of Account 182, and period over which amortization is being made.

			į	Written off Du	ıring Year	į
Line No.	Description of Properly Loss or Damage (a)	Total Amount of Loss (b)	Previously Written Off (c)	Account Charged (d)	Amount (e)	Balance End of Year
1 2						
· ·	TOTALS	i		\	_	

MISCELLANEOUS DEFERRED DEBITS (Account 186)

- Report below the particulars called for concerning miscellaneous deferred debits.
 For any deferred debit being amortized show period of amortization.
 Minor items may be grouped by classes, showing number of such items.

		Balance Beginning of Pebits Co Co Co Co Co Co Co C		Cr	redits		
Line No.	Description (a)			Account Charged Amount (d) (e)		Balance End of Year (f)	
3	Billing Work in Progress	6,605		930	6,605	- (
4 5 6	Environmental Liability (A)	19,562,370	18,751,251	426/814/131/253/242	5,137,720	33,175,90	
7	Deferred Insurance Recoveries	200,941	8,628			209,56	
9	Regulatory Assets - Goodwill (B)	68,586,000		253/407	2,898,000	65,688,00	
10	Deferred Pension Adjustment Mechanism	15,768,204	6,486,075	485/495/926	8,131,879	14,122,40	
12	Deferred CGAC bad debt costs	5,516,259	3,784,547	175	3,956,183	5,344,62	
14 15	Prepaid Pension	56,428,172	11,377,778	926	4,250,533	63,555,41	
16 17	ASC 815 Above Market Costs	5,821,078		242	5,821,078		
18 19	Regulatory Assets - ARO, ASC 410	9,407,782	675,416	253	424,698	9,658,50	
20 21	Regulatory Assets - ASC 740	4,883,411	ļ	236	244,170	4,639,2	
22	Deferred Property Tax Expense	5,005,413			ļ	5,005,4	
24 25	Deferred Lease Syndication Costs (C)	18,415		880	6,499	11,9	
26 27	Unamortized Revolver Fees (D)	343,114	65,148	431	91,502	316,7	
28 29	Regulatory Assets - ASC 715	66,330,578	33,119,400	228/926	54,565,422	44,884,5	
30 31	Deferred Rate Case Costs (DPU 14-150)	1,333,506		131/407	155,592	1,177,9	
32 33	Construction Advance	0	53,200		İ	53,2	
34 35	Merger Costs (DPU 14-150)	4,847,546		407	484,752	4,362,7	
36 37 38	Hardship Customers (DPU 14-150)	4,965,227	2,159,154	144/904	793,903	6,330,4	
39 40	Sale of Property Clearing	67,052			į	67,0	
41 42	Unclaimed Funds	12,580	9,210	131/142/242/253	21,790		
43	GAAP Plant Reconciliation	469,820				469,8	
44 45	Other Minor Items (9)	-10,922	111,611	various	37,964	62,7	
	(A) Amorlized over a 7 year period per DPU 89-161 (B) Amorlized over a 40 year period (C) Amorlized over a 9 year period (D) Amorlized over a 5 year period						
	TOTALS	269,563,151	76,601,418		87,028,290	259,136,2	

Annual report of ______NSTAR GAS COMPANY _____Year ended December 31,2016 29

\$ 16,661,000

\$ 16,673,083

310,000,000

310,000,000

TOTALS

Interest Paid During Year (i)

2 487 500 2 488 500 1 760 000 5 575 000 4 350 000

		Interest Accrued During Year, Charged to Income (h)	\$ 2,487,500 2,488,500 1,760,000 5,575,000 4,362,083
	nds;	Dates Due (g)	NOTE (1) NOTE (2) NOTE (3) NOTE (4) NOTE (2)
	ccounts 221, Bo	Provisions Rate Per Cent (f)	9.95% 7.11% 7.04% 4.46% 4.35%
.224)	ng long-term debt in Av Other Long-Term Debt	Amount Actually Outstanding at End of Year (e)	\$ 25,000,000 35,000,000 25,000,000 125,000,000 100,000,000
LONG TERM DEBT (Accounts 221,223-224)	Report by balance sheet accounts particulars concerning long-term debt in Accounts 221, Bonds; 223 Advances from Associated Companies; and 224, Other Long-Term Debt.	Amount Authorized (d)	\$ 25,000,000 35,000,000 25,000,000 125,000,000 100,000,000
ONG TERM DE	ce sheet account om Associated (Date of Maturity (c)	12-01-20 12-30-33 09-30-17 01-01-20 12-08-45
_	Report by balan 223 Advances fr	Date of Issue (b)	12-01-90 12-30-93 09-26-97 01-28-10 12-08-15
		Class and Series of Obligation (a)	Account 221 Series J Series K Series M Series N Series N Series N Series O Bonds 4.35% NOTE (5)

Line No.

For issues of long-term debt made during current year state purpose for which issued, date of issue, Department authorization date and D.P.U. #.

(2) June and December and December (2) June and December (3) March and September (4) January and September (4) January and July (5) DPU Order 15-01 approved on 4/3/15 for debt issuance of \$100 million will be used to repay short-term borrowings, and fund capital expenditures and working capital.

NOTES	PAVABLE	(Account 231)	١
NOILS	ININDLE	(Account 201)	,

Report the particulars indicated concerning notes payable at end of year.

Line No.	Payee (a)	Date of Note (b)	Date of Maturity (c)	Int. Rate (d)	Balance End of Year (e)
-	Account 231	-	-		\$ -
1		ľ	1 1		1
2		1	1 1		ľj
3		t.	I. I		Į.
4		t	Į į		I.
5		ļ,	1		
6		Ţ	! !		ļ.
7		!	!		j.
8		k	k k		
9		Į.	!		
10 11		ļ.	!		Į.
12		ł	1		1
13			1		
14		1	1		
15		i	ì		
16		į.	î i		i
17		i	i i		ì
18		Ť	î i		ľ
19		i	1		ľ
20	1	_	l l		_ [
21		1	TOTAL		\$ -

PAYABLES TO ASSOCIATED COMPANIES (Accounts 233, 234)

Report particulars of notes and accounts payable to associated companies at end of year.

			Interest for Year	
Line No.	Name of Company (a)	Amount End of Year (b)	Rate (c)	Amount (d)
22 23 24	Account 233 Eversource Energy Parent	\$ 81,300,000	(A)	\$ 182,825
29 30 31 32 33 34	Account 234 Eversource Energy Parent Public Service Company of New Hampshire NSTAR Electric Company Eversource Energy Service Company Western Massachusetts Electric Company Hopkington LNG Corp - Operating Expenses Yankee Gas Services Company	54,551 74,281 2,339,623 15,160,102 857,743 1,054,971 242,704		
33 34 35 36 37 38 39 40 41 42 43 44 45	(A) Based on Eversource Energy Parent short-term borrowing rate			
46 47	TOTALS	\$ 101,083,975		 \$ 182,825

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)

- Report the amount and description of other current and accrued liabilities at end of year.
 Minor items may be grouped under appropriate title.

Line No.					Amount (b)
1	Short Term Derivative Liability				\$ 6,050,678
2	Self-Insurance Liability	i i	i	i i	1,165,731
3	Incentive Accrual	i i	i i	ř.	1,547,641
4	Accrued Payroll	i ii	i	I)	610,446
5	DPU Assessments	į.	i i	Ü	407,810
6	Non-Qualified Pension Liability	i i	i i	į.	99,444
7	401K Plan Match	1	1	Ĭ.	34,672
8	Employee Payroll Deductions	1	1	1	6,322
j 9	Minor items	1	1	I.	44,488
1 10	i .	(I	1	I	I
11	1		Į.	TOTAL	\$ 9,967,232

OTHER DEFERRED CREDITS (Account 253)

- Report below the particulars called for concerning other deferred credits.
 For any deferred credits being amortized show the period of amortization.
 Minor items may be grouped by classes. Show number of items.

	į	į	Debi	ts	į	ļ
Line No.	Description of Other Deferred Credit (a)	Bałance Beginning of Year (b)	Account Credited (c)	Amount (d)	Credits (e)	Balance End of Year (f)
12	Unamortized ITC 1962-1993 (A)	\$ 2,053,325	411	\$ 154,237		\$ 1,899,088
13 14 15	ASC 740 Liability	891,182	236	326,374	2,722	567,530
16 17	ASC 815 Above Market Cost Liability	117,994	175	117,994	165,362	165,362
18 19	ASC 740 Goodwill ADIT- Federal ASC 740 Goodwill ADIT- Mass	22,084,692 5,486,880	410 410	933,156 231,840		21,151,536 5,255,040
20 21 22	Post Retirement Costs Liability, ASC 715	75,486,664	131/186/234/926	59,318,110	50,123,634	66,292,188
23	Escheatable Monies		186	21,790	23,734	1,944
25 26	Property Tax Withheld	4,257,957	431	339	1,826,719	6,084,337
27 28	Customer Contributions	2,793,914	495	311,560	148,924	2,631,278
29 30	Environmental Clean Up Costs-MGP	11,149,408	186	3,163,950 	15,899,835	23,885,293
31 32	Gains on Sale of Property (B)	1,701,239	407,3	340,248		1,360,991
34	ARO Liability	10,737,005	186	474,684	860,226	11,122,547
36	Non-Qualified Pension Liability	1,614,660	242 	104,211 	159,129 	1,669,578
38	Long Term Disability Insurance	83,219	926 I	8,359	58,140 	133,000
40 41	Overhead clearing	148,693	186 I	1,071,772 I	1,878,258	955,179 l
42 43 44	Gain on Sale of HHPP business (B)	4,830,001	407.3	966,000		3,864,001
44 45 46 47 48	(A) Amortization is based on the estimated useful life of the property subject to the investment tax credit. (B) 5 Year amortization beginning 1/1/2016.					
	TOTALS	\$ 143,436,833		\$ 67,544,624	\$ 71,146,683	\$ 147,038,892

RESERVE FOR DEPRECIATION OF UTILITY PLANT IN SERVICE (Account 254)

Show below the amount credited during the year to Depreciation Reserve, and the amount charged to Depreciation Reserve on account of property retired. Also the balance in the account at the end of the year.

Line	(a)	Electric (b)	Gas (c)	Total (d)
1 2	Balance at beginning of year			\$ 372,458,640
3 4 5	Credits to Depreciation Reserve during year: Account 403 Depreciation		SAME AS	29,000,469
6 7 8	TOTAL CREDITS DURING YEAR		***************************************	29,000,469
9 10 11 12	Net Charges for Plant Retired: Book Cost of Plant Retired		TOTAL	1,857,067 6,320,817 (81,319)
13 14	Asset Retirement Obligation(Credit)			93,243 (388,043)
15 16 17	NET CHARGES DURING YEAR			7,801,765
18 19	Balance December 31			\$ 393,657,344
20 21 22	METHOD OF DETERMINATION OF DEPRECIATION CHARGES			

23 j

24 25 |

26 27

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30 31 j

36 37

Give in detail the rule and rates, by which the respondent determined the amount charged to operating expenses and other accounts, and credited to Depreciation Reserve. Report also the depreciation taken for the year for federal income tax purposes.

Depreciation is provided using the straight-line method at rates intended to amortize the original cost of properties over their estimated economic lives. The depreciation percent based on the useful lives of the average cost of depreciable property in use at the beginning and end of the year is 2.8%.

Straight-line depreciation for leased appliances is based on their estimated lives.

Estimated depreciation claimed for Federal Tax purposes is \$91,235,351;

DIVIDENDS DECLARED DURING THE YEAR (Accounts 437,438)

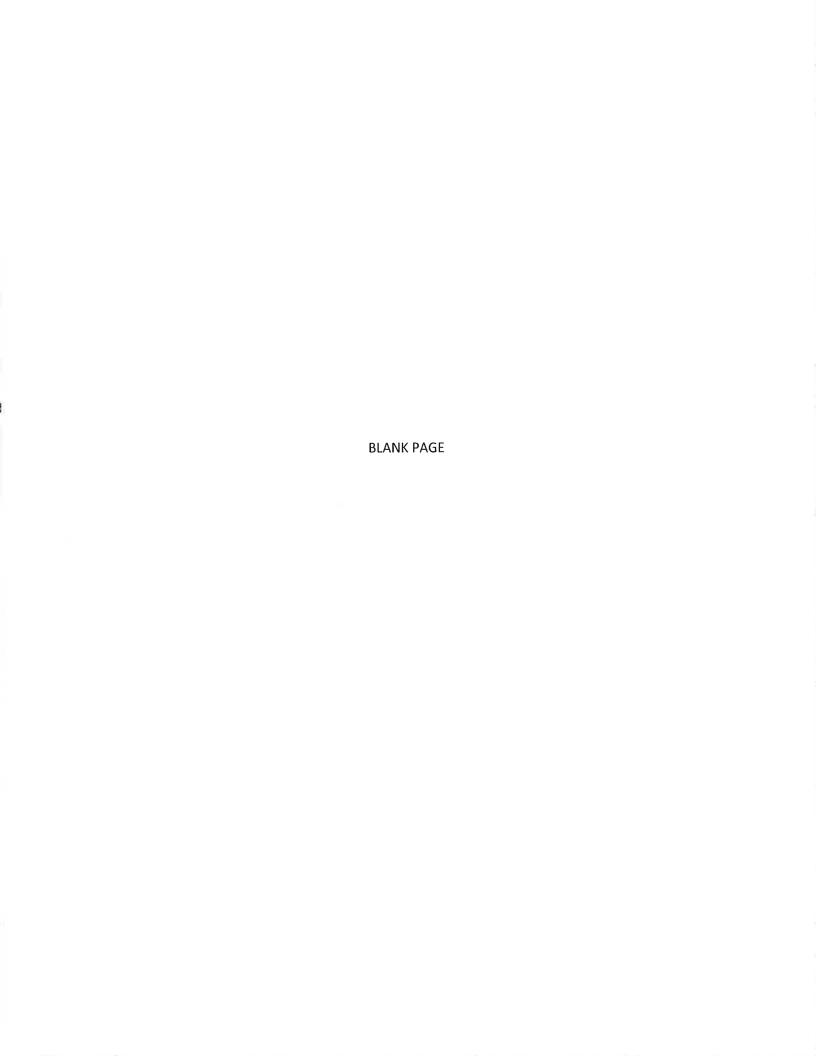
Give particulars of dividends declared on each class of stock during the year, and charged to Earned Surplus. This schedule shall include only dividends that have been declared by the Board of Directors during the fiscal year.

	Name of Security	Rate Per Cent		Amount of Capital Stock On		Amount of	Date	
Line No.	on Which Dividend was Declared (a)	Regular (b)	Extra (c)	Which Dividend Was Declared (d)		Dividend (e)	Declared	Payable
38	Account 438	i			-			
39	Common Stock	4.45	i	2,857,000	\$	12,700,000	03/23/16	03/31/16
40 j		4.45		2,857,000		12,700,000	06/21/16	06/30/16
41	ĺ	4.45		2,857,000		12,700,000	09/20/16	09/30/16
42	1	4.45		2,857,000		12,700,000	12/20/16	12/30/16
43	1	1	1	1		1	1	
44	1	1	1	1		ſ	1	
45	I	1	į į	1		I.	1	
46	1		***********		******			***********
47	TOTALS	17.78	1	J	\$	50,800,000	1	
48 [-			-

OPERATING RESERVES (Accounts 261, 262, 263, 264, 265)

- 1. Report below an analysis of the change during the year for each of the above-named reserves.
- Show name of reserve and account number, balance beginning of year, credits, debits, and balance at end of year. Credit amounts should be shown in black, debit amounts enclosed by parentheses.
- Each credit and debit amount should be described as
 to its general nature and the contra account debited or
 credited shown. Combine the amounts of monthly accounting
 entries of the same general nature. If respondent has more
- than one utility department, contra accounts debited or credited should indicate the utility department affected.
- For Accounts 261, Property Insurance Reserve and 262, Injuries and Damages Reserve, explain the nature of the risks covered by the reserve.
- For Account 265, Miscellaneous Operating Reserves, report separately each reserve comprising the account and explain briefly its purpose.

Item (a)	Contra Account Debited or Credited (b)	Amount (c)
Account 265		
Reserve for Deferred Massachusetts Franchise Tax		
Balance @ January 1, 2016		\$ 24,904,907
Provision	410	1,869,049
	i I	
	İ	
		i
	TOTAL	\$ 26,773,9



RESERVES FOR DEFERRED FEDERAL INCOME TAXES (Accounts 267, 268)

- 1. Report the information called for below concerning the respondent's accounting for deferred federal income taxes.
- 2. In the space provided furnish significant explanations, including the following: (a) Accelerated Amortization - State for each certification number a brief description of property, total and amortizable cost of such property, date amortization for tax purposes commenced, "normal" depreciation rate used in computing deferred tax amounts.
- (b) Liberalized Depreciation State the general method or methods of liberalized depreciation being used (sum of years digits, declining balance, etc.), estimated useful lives and classes of plant to which each method is being applied. Furnish a table showing for each year, 1954 to date of this report, the annual amounts of tax deferral, the total debits thereto which have been accounted for as credits to Acccount 411, Federal Income Taxes Deferred in Prior Years - Credit or comparable account of the previous system of accounts.

Line No.	 Account Subdivisions (a)	Balance				
		Beginning of Year (b)	Amounts Debited Account 410 (1)	Amounts Credited Account 411 (2) (d)	Adjustments	Balance End of Year (f)
1	Accelerated Amortization	 \$	 \$	 \$	 \$	 S
2	(Account 267)	,	,	,	*	i *
3	Electric		i			ĺ
4	Gas		i			İ
5	Other (Specify)		i		ì	ì
6	Totals	97	F	•		
	Ľ.	*********				l
7	Liberalized Depreciation			Į.	Į.	ļ
8	(Account 268)				į.	
9	Electric		Į.	Į.	Į.	1
10	Gas - State	474.050.450	05 050 407	000 007		199,078,170
11	Gas - Federal Other (Specify)	174,059,150	25,852,407	833,387	-	199,070,170
1001	Other (Specify)					1
12	Totals	174,059,150	25,852,407	833,387	=	199,078,170
13			_ 			
14	Total (Accounts 267, 268)			i	ì	i
15	Electric	i		î	i	î
16	Gas	İ	ì	ì	i	i
17	Other Adjustments			1	1	1
18	Totals	\$ 174,059,150	\$ 25,852,407	\$ 833,387	\$ -	\$ 199,078,170
19	ľ	***************************************	***************************************	(3 17.00) (317.00) 	<u> </u>	
20	(1) Account 410, Provision for	Deferred Federal Incom	ne Taxes.			

- (2) Account 411, Federal Income Taxes Deferred In Prior Years Credit. 21
- (3) Column (e) Includes adjustments made to account 236 22

23

CONTRIBUTIONS IN AID OF CONSTRUCTION (Account 271)

Report below the amounts of contributions in aid of construction applicable to each utility department.

1 1		Balance	I De	bits	1	
į į		Beginning	Account		1	Balance End
Line	Class of Utility Service	of Year	Credited	Amount	Credits	of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)
24			1			1
25			1 1			I I
26		li	1)			1
27			1 1		1	1 1
28	N N		1		1	J. J
29		[]			1
30			1		1	1
31	[L		11			1
32						
33	TOTALS	None	1			None
II			II		1	1

Explanation as requested in Instruction 2b:

The Company uses the declining balance method and sum-of-the-years digits method depending on the age and the vintage of the property. Guideline class lives are used for pre-1971 assets, The asset depreciation range is used for 1971 thru 1980 vintages. The Accelerated Cost Recovery System is used for 1981 thru 1986 vintage assets. The Modified ACRS is used for additions after 1986.

Deferred Federal Income Tax from 1956 to Date

Year	Account 236 (See Note 3)	Account 131 (See Note 2)			Account 411	Account 182	Account 234	Account 253 (See Note 4)
1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 1991 1992 1993 1994 1995 1996 1997 1998 1999 1991 1992 1993 1994 1995 1996 1997 1998 1999 1991 1992 1993 1994 1995 1996 1997 1998 1996 1997 1998 1996 1997 1998 1996 1997 1998 1999 1900 1901 1900	705,444 (2,219,330) 640,395	\$ -	\$ 106,243 99,937 131,798 180,269 218,999 257,303 470,903 494,495 511,243 477,950 478,717 404,161 404,162 405,561 384,505 449,367 632,188 635,259 872,569 782,823 757,406 446,175 568,773 513,578 704,668 1,067,345 1,512,510 1,662,555 1,747,353 1,930,448 2,518,290 1,783,421 1,574,928 2,126,742 2,511,602 1,919,811 1,831,891 1,942,453 1,577,419 1,184,200 759,428 1,142,912 1,142,912 1,143,711 487,905 4,324,537 7,389,032 8,266,643 1,962,203 (540,099) 1,926,999 9,002,744 9,377,941 13,538,677 18,193,667 11,1926,999 9,002,744 9,377,941 13,536,677 18,193,667 11,1926,999 9,002,744 9,377,941 13,538,677 18,193,667 11,195,6184 27,941,979 18,183,766 121,053,035 11,2756,184 27,941,979 18,183,766	(33,352)	\$ (835) (228) (8,575) (19,228) (16,444) (30,183) (53,220) (54,862) (53,757) (58,761) (52,950) (52,637) (37,857) (43,701) (51,429) (74,207) (25,491) (39,871) (62,808) (42,197) (90,042) (131,575) (136,466) (212,881) (230,341) (211,767) (199,454) (147,588) (207,344) (147,588) (207,344) (147,588) (207,344) (147,588) (207,344) (147,588) (275,149) (414,683) (293,151) (1,481,896) (434,369)	(2,277) (330,714) (38,826) 13,315 (124,386) 27,084 51,829 51,829 51,832 51,858 51,569 18,511 13,770 13,770	\$ (183)	\$ (5,699,414,714,080,419,158,419,419,419,419,419,419,419,419,419,419
i Total	\$ (820,667)	\$ 1,627,304	\$ 225,175,876	\$ (33,352)	\$ (21,367,309)	\$ (99,007)	(183)	 \$ (5,404,492

⁽Note 1) Taxes relating to property retired and charged to Account 426.

⁽Note 2) Taxes relating to property acquired from an associated company.

⁽Note 3) Taxes relating to loss on demolition of buildings

⁽Note 4) Taxes relating to adoption of ASC 740.

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		GAS OPERA	GAS OPERATING REVENUES (Account 400)	ccount 400)			
1. Report belo the year for ea of increase or. 2. If increases previously repo cles. 3. Number of basis of numb accounts, exce	 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. 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 billin be counted for eac average number of the 12 figures at th customer count in ification includes c once because of s heating etc., indica of such duplicate of	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	mer shall added. The a average of a average of . if the class- class as water mber the	classification. 4. Unmetered sales should be inc. The details of such sales should be a footnote. 5. Classification of Commercial a Sales, Account 481, according to Commercial) and Large (or Indust according to the basis of classifica regularly used by the respondent.	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 481, according to Small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent.	ded below. given in I Industrial mall (or n) on
		Operating	Operating Revenues	MMbtu Sold	Sold	Average	Average Number of Customers per Month
	Account	Amount for Year	Increase or (Decrease) from Preceding Year	Amount for Year	Increase or (Decrease) from Preceding Year	Number for Year	Increase or (Decrease) from Preceding Year
Line No.	(a)	(q)	(0)	(a)	(e)	Ψ	(6)
2	SALES OF GAS 480 Residential Sales	\$ 232,269,397	\$ (38,772,614)	20,503,780	(2,180,048)	258,475	3,013
₩ 4 ₩ Φ ► ₩	481 Commercial and Industrial Sales: Small (or Commercial)see instr.5	70,188,744 8,611,019 7,597,808 17,120,549	(27,340,684) (7,274,591) (5,097,214) 49,040,274	9,736,072 1,546,432 1,025,093	(740,334) (503,296) (199,270)	22,460 660 1,067	(3) (24) (59) (59) (59) (59) (59) (59) (59) (59
9 10	Total Sales to Ultimate Consumers	335,787,517 33,752,891	(29,444,829) (26,218,382)	32,811,377 1,286,475	(3,622,948) (453,540)	282,662	2,927
£-	Total Sales of Gas *	369,540,408	(55,663,211)	34,097,852	(4,076,488)	282,667	2,928
2 t t t t t t t t t t t t t t t t t t t	OTHER OPERATING REVENUES 487 Forfeited Discounts	224,724 249,127 50,275,009 830,504 559,181	(160,631) (3,652,350) (5,118,017) (5,118,017) (457,503 (457,632)	30,198,308	(4,104,271)	5,110	940
21	Total Other Operating Revenues	52,138,545	(9,261,127)	64,296,160	(8,180,759)	287,777	3,868
			Purchased Price Adjustment Clauses	Fuel			
	* Includes revenues from application of	pplication of	\$ 185,291,474	Billed Sales Only			
	Total MMBTU to which applied	lied	31,241,831	Billed Sales Only			

SALES OF GAS TO ULTIMATE CONSUMERS

Report by account the MMBTU sold, the amount derived and the number of customers under each filed schedule or contract. Contract sales and unbilled sales may be reported separately in total.

į			 			Average Revenue	Number of ((Per Bills R	
i Line No.	Account No.	Schedule (a)	MMBTU (b)	R	Revenue (c)	per MMBTU (\$0.0000) (d)	July 31 (e)	December 3
		1						
1 j	480	Residential	j j		i i	i		
2		420	281,763	\$	5,016,051	17.8024	16,991	16,570
3		421	51,684		613,220	11.8648	2,131	1,969
4 1		1 422	17,561,582		05,773,900	11.7173	210,489	213,279
5		423	2,216,606		19,622,229	8.8524	28,567	27,452
6		TOTAL - Residential	20,111,635	\$ 2	31,025,400	11.4872	258,178	259,270
7		!	!!!	ļ	!			
8	404				ļ.			V
9	481	Commercial	1			Į.		į
10		Industrial	2 004 040		20 205 004	9.4190	17,925	18,133
11	i.	430	3,004,048		28,295,004	7.2943	1,300	1,318
12		431 432	2,858,960 1,026,865	8	20,854,249 6,903,674	6.7231	50	55
13		1 432	924,944		7,130,472	7.7091	3,063	3,06
14 15		I 434	1,390,657		8.659.494	6.2269	597	60
16		1 434	899,629		5,366,816	5.9656	28	2
17	l h	1 400	033,023	1	5,500,010	0.5000	20	
18		TOTAL -Commercial and Industial	10,105,103	\$	77,209,709	7.6407	22,963	23,20
19		1 TOTAL -Commercial and industral	10,100,100	Ψ	11,203,103	7.0407	22,000	20,20
20	b .			1		i		
21	482	Municipal	i	i	i	i		ì
22	102	422	977	\$	11,147	11.4094	10	1
23		430	204,119		1,773,255	8.6874	700	69
24	William Control of the Control of th	431	558,204	i	4,046,705	7.2495	211	
25	(i	432	194,084	i	1,301,274	6.7047	11	1
26		433	18,054	ì	154,108	8.5359	117	11
27		434	37,226	i	236,904	6.3639	18	i i
28		435	12,429	î	74,415	5.9872	1	ì "
29	1	1 700	1 12,420	ì	, , , , , , , ,	0.0072	•	î
30	ð	TOTAL -Municipal	1,025,093	\$	7,597,808	7.4118	1,068	1.04
31		1 TOTAL -Municipal	1,020,030	ļΨ	1,557,660	7,4110	0,000	1,04
32		i	i	ì		i i		î
33	(Miscellaneous Gas Sales:	i	i				i
34		Unbilled Gas Sales	1,569,546	\$	5,073,036			í
35		Deferrals	1	1	14,881,564	î		i
36			i	i		i		ĺ
37	i.	1	í	i	1	i		i
38	i	i)	Î I	î	1	i i		Ì
39		ji	(i	Î	2	į į		1
40		i	Í	Î	N N	i i		1
41	TOTAL SALI	ES TO ULTIMATE						
42	CONSUMER	RS (Page 43 line 9)	32,811,377	1 \$ 3	335,787,517	10.2339	282,209	283,51

GAS OPERATION AND MAINTENANCE EXPENSES

- Enter in the space provided the operation and maintenance expenses for the year.
 If the increases and decreases are not derived from previously reported figures explain in footnote.

ne 0.	Account I (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	PRODUCTION EXPENSES		
2	MANUFACTURED GAS PRODUCTION EXPENSES	1	
3	STEAM PRODUCTION	Ţ	
4	Operation:	!	
5	700 Operation supervision and engineering	ļ	
6	701 Operation labor	ļ.	
7	702 Boiler fuel		
8	703 Miscellaneous steam expenses	1	
9	704 Steam transferred-Cr	/	Wast Printed and accompany and the body
10	Total operation	-	
11	Maintenance:		
12	705 Maintenance supervision and engineering	4	
13 i	V	1	
14	707 Maintenance of boiler plant equipment	1	
15	708 Maintenance of other steam production plant	1	
40	Titel	***************************************	PROPERTY OF THE PROPERTY OF TH
16	Total maintenance		
17	Total steam production	:+::	
18	MANUFACTURED GAS PRODUCTION		
19	Operation:	1	
20	710 Operation supervision and engineering	1	
21	Production labor and expenses:	1	
22	711 Steam expenses	1	
23	712 Other power expenses	I	
24	715 Water gas generating expenses	1	
25	716 Oil gas generating expenses	I	
	717 Liquefied petroleum gas expenses		
27	718 Other process production expenses		
28	Gas fuels:		
29			
30	722 Fuel for oil gas		
	723 Fuel for liquefied petroleum gas process		
32			
33	A		
	726 Oil for water gas		
	727 Oil for oil gas		
36			
37			
38	730 Residuals expenses		
39 40			
	732 Pullication expenses		
41 42	733 Gas mixing expenses		
43	734 Duplicate Charges-Of		
44	736 Rents		
45	Total operation		
46	Maintenance:	******************************	
47	740 Maintenance supervision and engineering		
48	741 Maintenance of structures and improvements		Ì
49	742 Maintenance of production equipment	No.	
50	Total maintenance	 	

51	Total manufactured gas production	\$	\$:

Line No.		Í.	1	(Dec	crease) from
No.				,	
174	Account	!	Amount for Year	Pred	ceding Year
1	(a)	ŀ	(b)		(c)
1	CUSTOMER ACCOUNTS EXPENSES		ĺ		
2	Operation:	Į.	0 2507	\$	(18,910)
	901 Supervision			φ	91,370
	902 Meter reading expenses		353,778		568.349
	903 Customer records and collection expenses		7,660,710 11,045,200		2,898,561
	904 Uncollectible accounts		519,519		41,218
/ :	·	j.		1-11-15	
8 [Total customer accounts expenses		19,582,804		3,580,588
9	SALES EXPENSES	j			
2.0	Operation:	1			
	909 Informational and instructional ad exps		-		/40.000
	910 Misc. cust. svc and informational exps		11,298		(49,888
	911 Supervision		**		(6,260
	912 Demonstrating and selling expenses		1,858,331		(81,154
4.0	913 Advertising expenses		403,185		240,476
16 1	916 Miscellaneous sales expenses		175,375		(36,482
17	Total sales expenses		2,448,189		66,692
18	ADMINISTRATIVE AND GENERAL EXPENSES	j			
	Operation:	1			
20	920 Administrative and general salaries		15,974,252		(203,647
	921 Office supplies and expenses		1,615,469	k	(411,936
22	922 Administrative expenses transferred-Cr		(1,361,135)	Ú	216,565
23	923 Outside services employed		5,544,973	į.	194,875
24	924 Property Insurance		50,798	J	(7,803
25	925 Injuries and damages		1,695,447	Ü	951,156
26	926 Employees pensions and benefits		3,284,218		(3,832,945
	928 Regulatory commission expenses		939,331	g.	148,442
28	929 Duplicate charges-Cr		5.		
	930 Miscellaneous general expenses		1,038,887	Į.	521,778
30	931 Rents	***************************************	231,817	*******	23,580
31	Total operation		29,014,057		(2,399,935
32	Maintenance:			Ì	
33	932 Maintenance of general plant		*		
34	Total administrative and general expenses		29,014,057		(2,399,935
35	Total gas operation and maintenance expenses		\$ 307,232,608	\$	(72,021,122
\rightarrow	SUMMARY OF GAS OPERATION AND MAINTENAN	CE EXPENSES			
Line	Functional Classification	Operation	Maintenance	1	Total
No.	(a)	(b)	(c)		(d)
	Steam Production			1	
	Manufactured gas production Other gas supply expenses	\$ 227,737,548	2	1 \$	227,737,54
ĵ					
39	Total production expenses	227,737,548		1	227,737,54
	Local storage expenses		7,000,040	!	00.450.04
	Transmission and distribution expenses	20,547,668	7,902,342	1	28,450,01
. —	Customer accounts expenses			!	19,582,80
	Sales expenses		-	1	2,448,18 29,014,05
ĵ			7,000,040		
45	Total gas operation and maintenance expenses		7,902,342	\$ 	307,232,60
46	Ratio of operating expenses to operating revenues (carry out decimal by dividing Revenues (Acct. 400) into the sum of Operation and Mai	al two places, e.g. 0.00% ntenance Expenses) Compute		80.46
Ì	(p. 47, line 45(d), Depreciation (Acct. 403) and Amortization (Acct 40	07)	7	\$	64,774,41
47	expenses, construction and other accounts.		9	******	***********
48	Total number of employees of gas department at end of year, includ operating, maintenance, construction and other employees (includi	ing administrative, ng part time employees).			4*

If gas is purchased or sold at two or more different rates, the amounts of each rate should be shown in the following table. SALES FOR RESALE (Account 483) Rate per Line Names of Companies to Which Where Delivered and Where and **MMBTU MMBTU** Amount Gas is Sold How Measured No. (b) (c) (d) (e) (a) 38,140,355 Total Sales for Resale 1,980,000 1 2 3 Cash Out Imbalance (693,525)(4,387,464)4 5 6 7 8 9 10 11 12 13 14 33,752,891 **TOTALS** 15 1,286,475 \$ SALE OF RESIDUALS (Accounts 730, 731) State the revenues and expenses of the respondent resulting from the sale of residuals. Labor Inventory Handling Selling, Etc. **Total Cost** Net Revenue Revenue Kind Cost Line No. (a) (b) (c) (d) (e) (f) (g) 16 None 17 18 19 20 21 22 None **TOTALS** 23 PURCHASED GAS (Accounts 804-806) Rate per M.C.F. Names of Companies to Which Where Delivered and Where and M.C.F. (\$0.0000)How Measured (1000 BTU) Amount Line Gas is Purchased (b) (d) (e) No. (a) (c) 24 25 26 See page 48A 27 28 29 30 31 32 33 34 35 36 37 **TOTALS** 38

PURCHASED GAS (Accounts 804-806)

		PURCHASED GAS (Accounts 804-806)				
ne o.	Names of Companies to Which Gas is Sold (a)	Where Delivered and Where and How Measured (b)	MMBTU	Rate p MMBT (d)	er 'U	Amount (e)
1 2		(A)				
	Gas Purchases through Algonquin &	Tennessee Pipelines	30,578,988	\$ 2.4	4534 \$	75,023,066
	Demand Charges					78,036,032
	Storage Inventory Activity		4,044,739			1,272,472
	Storage Demand					4,630,097
	ransfers to LNG Inventory		(1,324,337)			(1,916,135
	Pipeline Refunds					(153
16 17 G 18 19 20	Gas Hedging Settlement Costs, net					7,562,680
21 22 T 23 24 25 26	Fotal		33,299,390		\$	164,608,059
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 552 553 554 56 57 58 59 60 61 62	Freetown, New Bedford , 2 locat Hopkinton, Framingham, Marlbo Ultrasonic, Orifice & Turbine Me	ions in Plymouth , Worcester , Hudson, Graft ro, and Needham. Measurement devices use ters.	ion, ed include			

iai report of	NSTAR	GAS CC	OMPAN	IY	Year e	nded De	ecember 31, 2016	49
edule edule red la la la la la la la la la la la la la		Acct. 415						69
department or account, state in a footnote the basis of apportioning such a tax. 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.		Acct. 1 418 (h)			52,225	52,225		\$ 52,225
department or account, a footnote the basis of a footnote the basis of a tioning such a tax. 6. Do not include in this entries with respect to d income taxes, or taxes of through payroll deduction otherwise pending trans such taxes to the taxing authority.	charged)	Acct. 916 (g)						φ
	mit cents) nd account	Acct. 146						69
x for Jify led were led were of (h). er of ty plant e sheet	xes Charged (o	Acct. 186 (f)				1.		69
ner that the total ta odivisions can read ch the taxes charg wn in columns (c) artment and mumble ses charged to utili appropriate balanc appropriate balanc ar necessary to al as utility	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)	Acct. 1 107 1 (e) 1			19,053 2,703,240 172,217	2,894,510		\$ 2,894,510
and "Loca" in such manner that the total tax for each State and for all subdivisions can readily be ascertained. 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount. 5. For any tax which it was necessary to apportion to more than one utility	(Show util	Gas Acct. 408, 409 (d)	\$ (13,056,491)	(13,056,491)	14,503 1,060,853 996,876 25,640 1,157,006 163,098 52,144	22,550,390		9,493,899
변 8 점 , 휴와 6 온 및 R		Electric Acct. 408, 409 (c)						ω
	Total Taxes	Oranged During Year (omit cents) (b)	\$ (13,056,491)	(13,056,491)	33,556 3,764,093 996,876 25,640 1,157,006 335,315 52,144	25,497,125		\$ 12,440.634
1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year. 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts. 3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State",		Kind of Tax (a)	Federal Income	Total Federal	Federal Unemployment Federal Insurance Contributions Act Medicare T ax State Insurance Premium Tax (CT) State Insurance Premium Tax (CT) State Chemployment State Sales and Use Local Real Estate and Personal Property	Total Taxes other than Federal Income Tax		TOTALS

BLANK PAGE NEXT PAGE IS 72

RECORD OF SENDOUT FOR THE YEAR IN MMBTU BASED ON 1000 BTU PER CUBIC FOOT

_ine	Item	Total	January	February	March	April	May
No.	nem	Total	January	replacy	Merch	,,,,,,,,	
1	Gas Made		1	1			
2	B	ļ. ļ.	1	4	4		
3 4	Propane Gas Lig. Natural Gas	1,640,592	275,520	434,745	76,786	162,081	30,219
5	Liq. Natural Gas	1,040,592	273,320	454,745	70,700	102,001	00,210
6					i	j	
7 1					·i -		
8	TOTAL	1,640,592	275,520	434,745	76,786	162,081	30,219
9				******			
10	and the second	!	!			4	
11	Gas Purchased	!	}				
12 13	Natural	33,299,390	6,013,353	5,199,306	3,806,511	2,796,956	1,594,996
14	Fuel Gas	33,233,330	0,010,000	0,100,000	-	- 1	.,
15	Turnback Gas	- 1		* i	-	= j	
16			i -			Ì -	
17	TOTAL	33,299,390	6,013,353	5,199,306	3,806,511	2,796,956	1,594,996
18					******		
19	TOTAL MADE AND	[[0.050.007	4 005 041
20	PURCHASED	34,939,982	6,288,873	5,634,051	3,883,297	2,959,037	1,625,21
21	Not Observe in Holden					OWEREHINIEREEREER -	
22	Net Change in Holder Gas*	1	1		ì	i i	
24	Gas	1	i i	ì	i	i i	
25	EUT Nominated	28,061,168	3,585,486	3,293,993	3,380,000	2,322,633	1,587,96
26	201 Hollington				······		**************************************
27	TOTAL SENDOUT	63,001,150	9,874,359	8,928,044	7,263,297	5,281,670	3,213,17
28		II.					
29		1		1	ļ	1	
30		į į	!	1	!	1	
31	C Cald **	61,724,984	9,611,463	8,874,226	7,052,258	5,174,877	3,104,53
32 33	Gas Sold **	01,724,904	9,011,403	0,074,220	7,032,230	3,174,077	0,101,00
34	Gas Used by Company	50,669	6,397	6,852	9,645	4,400	4,45
35	l						
36	Gas Accounted for	61,775,653	9,617,860	8,881,078	7,061,903	5,179,277	3,108,998
37					······]	[·	
38	Gas Unaccounted for ***	1,225,497	256,499	46,966	201,394	102,393	104,17
39	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT						***************************************
40	% Unaccounted	1.95	2.60	0.53	2.77	1.94	3.2
41 42	for (0.00%)	1.95	2.00	0,55	2.17	1.04	0.2
42 43		<u> </u>					
44		i	i	i	i	j	
45	i	i i	ĺ	ĺ	1	1	
46	Sendout in 24 hours	1 1	Ţ		Į.		
47	<u> </u>	1	1	į.	1	İ	
48	in MMBTU	!!			4	A.	
49	I Maximum MMPTH	448,870	361,645	448,870	275,489	298,540	158,1
50 51	Maximum-MMBTU Maximum-Date	1 14-Feb-16	19-Jan-2016	14-Feb-2016	4-Mar-2016	4-Apr-2016	5-May-20
52	Minimum-MMBTU	40,277	159,471	142,271	78,564	62,197	47,2
53	Minimum-Date	03-Jul-16	10-Jan-2016	20-Feb-2016	31-Mar-2016	22-Apr-2016	28-May-20
54		i i		ic in	i i	i	
55		***					

58 | B.T.U. Content of Gas Delivered to Customers 1.030 per Cubic Foot

56 | 57

Add Decreases in Holder Gas , Deduct increases. Includes unbilled gas volumes.

^{***} Excludes unbilled gas volumes.

RECORD OF SENDOUT FOR THE YEAR IN MMBTU-Continued BASED ON 1000 BTU PER CUBIC FOOT

June	July	August	September	October	November	December
24,222	26,308	79,957	70,332	83,278	80,611	296,533
24,222	26,308	79,957	70,332	83,278	80,611	296,533
955,631	788,442	789,133	906,592	1,975,941 - -	3,094,958 - - -	5,377,571 - -
955,631	788,442	789,133	906,592	1,975,941	3,094,958	5,377,571
979,853	814,750	869,090	976,924	2,059,219	3,175,569	5,674,104
1,873,276	1,852,183	1,901,300	1,841,993	1,496,790	2,152,183	2,773,370
2,853,129	2,666,933	2,770,390	2,818,917	3,556,009	5,327,752	8,447,474
2,834,928	2,583,168	2,785,582 798	2,712,209	3,504,916	5,302,152 4,405	8,184,666 7,212
2,837,280	2,584,363	2,786,380	2,713,237	3,506,842	5,306,557	8,191,878
15,849	82,570	(15,990)	105,680	49,167	21,196	255,597
0.56	3.10	(0,58)	3.75	1.38	0.40	3,03
64,612 9-Jun-2016 48,095 25-Jun-2016	54,979 11-Jul-2016 40,277 3-Jul-2016	52,206 24-Aug-2016 40,506 27-Aug-2016	73,070 29-Sep-2016 43,531 3-Sep-2016	182,774 26-Oct-2016 53,975 21-Oct-2016	247,814 21-Nov-2016 82,926 2-Nov-2016	386,128 15-Dec-2016 159,732 1-Dec-2016
į	į			į	į	

TRANSMISSION AND DISTRIBUTION MAINS

Report by size, for all mains and lines, the information called for below for cast iron, welded, wrought iron and steel mains. Sub-totals should be shown for each type.

		Total Length in			Abandoned	Total Length in
.ine	Diameter	Feet at Beginning	Added During	Taken Up	but Not Removed	Feet at End
lo.		of Year	Year	During Year	During Year	of Year
1	CAST IRON:					
2	2" or Less	9,914	0		9,914	0
	3"	210,379	0		0,314	210,379
3						729,461
4	4"	801,789	0		72,328	
5	6"	471,747	0		0	471,747
6	8"	169,417	0		7,564	161,853
7	10"	24,597	0		0	24,597
8	12"	124,867	3,656		8,953	119,570
9	14"	3,164	0		0	3,164
10	16"	50,228	0		0	50,228
11	18"	5,021	0		0	5,021
12	20"	44,675	0		0	44,675
13	24"	29,748	0		0	29,748
14	30"	1,807	ő		0	1,807
15	36"		0	-	0	1,030
10	30	1,030	U		U	1,000
16	TOTAL	1,948,383	3,656	0	98,759	1,853,280
			-			
17	WELDED STEEL:					
18	2" or Less	1,785,979	0	1	48,859	1,737,120
19	3"	184,098	0		0	184,098
	4"				14,996	1,901,502
20		1,916,498	0	-		
21	6"	650,328	0		0	650,328
22	8**	553,512	0		52,800	500,712
23	10"	21,838	0		0	21,838
24	12"	506,857	0		5,975	500,882
25	14"	8,880	0		257	8,623
26	16"	112,048	0		0	112,048
27	18"	14,401	0		0	14,401
28	20"	2,837	0		0	2,837
29	24"	4,341	0	1	0	4,341
30	30"	307	0	1	0	307
31	36"	3	0		0	3
32	TOTAL	5,761,927	0	0	122,887	5,639,040
33	PLASTIC:					
34	2" or Less	4,180,329	0		19,689	4,160,640
35	3"	188,969	0		0	188,969
36	4"	2,881,321	0		18,450	2,862,871
37	6"	925,175	0		0	925,178
38	8"	1,372,080	99,865		0	1,471,945
39	12"	117,127	20,153		0	137,280
40	The state of the s	2,609			2,609	(
41	TOTAL	9,667,610	120,018	1	40,748	9,746,880
	147.23.20					
42						
43						
44		+				
45						
46						
47				-	-	
48		47 277 020	102 674	1	262.204	17,239,20
	TOTALS	17,377,920	123,674	1	262,394	17,233,20

GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS

Line No.	Item	Gas	House Governors	 Meters
1 1 1	Number at beginning of year Additions during year:	201,789	115,515	307,515
3 4 5	PurchasedInstalled	 2,327 	1,562	22,919 -
6 6	Total Additions	2,327 	 1,562 	22,919
7 8 9	Reductions during year: Retirements Associated with Plant sold	 	- 	
10	Total Reductions	2,442	-	19,256
 11 	Number at End of Year	 201,674 	 	 311,178
12 13 14 15	In StockOn Customers' Premises - InactiveOn Customers' Premises - ActiveIn Company Use			ĺ
16 	Number at End of Year			311,178
 17 	 			31,778

innual report of	NSTAR GAS COMPANY	Year ended December 31,2016

RATE SCHEDULE INFORMATION

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

Date	M.D.P.U.	 Rate	Effe	mated ect on Revenues
Effective	Number	Schedule	l Increases	Decreases
01/01/2016 01/01/2016 01/01/2016	401E 402J 405	Seasonal Cost Of Gas Adjustment Clause Local Distribution Adjustment Charge Energy Conservation Service Charge	\$ 25	\$ 74,959,027 15,200,535

NSTAR GAS COMPANY d/b/a EVERSOURCE ENERGY

SCHEDULE OF RATES

	Rate	M.D.P.U. No.	Effective Date
Terms and Conditions		400C	1/1/16
Seasonal Cost of Gas Adjustment Clause	SCGA	401E	11/1/16
Local Distribution Adjustment Clause	LDAC	402J	11/1/16
Default Service	DS	403C	1/1/16
Peaking Service	PS	404B	1/1/16
Revenue Decoupling Adjustment Clause	RDAF	409A	1/1/16
Domestic	R-1	420B	1/1/16
Domestic Low Income	R-2	421E	1/1/16
Domestic Heating	R-3	422B	1/1/16
Domestic Heating Low Income	R-4	423E	1/1/16
Low Load Factor General Service - Small	G-41	430B	1/1/16
Low Load Factor General Service - Medium	G-42	431B	1/1/16
Low Load Factor General Service - Large	G-43	432B	1/1/16
High Load Factor General Service - Small	G-51	433B	1/1/16
High Load Factor General Service - Medium	G-52	434B	1/1/16
High Load Factor General Service - Large	G-53	435B	1/1/16
Interim Transportation Charge Rider	ITC	437B	1/1/16
Farm Discount Rider	FDR	450B	1/1/16
Dual Fuel Special Provision		451B	1/1/16
Territory Served		452B	1/1/16
Summary of Gas Service Delivery Rates			1/1/16
November 1, 2016			

DOMESTIC

RATE R-1

AVAILABILITY

This rate is available for all domestic uses in single private homes, individual flats or apartments and for all uses by condominiums to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$6.50 per month

Distribution:

November - April

First 20 Therms Over 20 Therms 68.71 cents per Therm 42.58 cents per Therm

May - October

First 10 Therms

62.25 cents per Therm

Over 10 Therms

36.12 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Issued by: Thomas J. May

President

Filed: January 31, 2003

DOMESTIC

RATE R-1

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge.

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on three (3) Business Days' notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

DOMESTIC LOW INCOME

RATE R-2

AVAILABILITY

Upon written application, this rate is available for all domestic uses in single private homes, individual flats or apartments or in a condominium to any Customers meeting the qualifications stated in the special provisions section of this rate. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Public Utilities ("M.D.P.U.").

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$6.50 per month

Distribution:

November - April

First 20 Therms 68.71 cents per Therm Over 20 Therms 42.58 cents per Therm

May - October

First 10 Therms 62.25 cents per Therm Over 10 Therms 36.12 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Issued by: Thomas J. May

President

Filed: September 29, 2011

Effective: October 1, 2011

DOMESTIC LOW INCOME

RATE R-2

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge, less the application of the Low Income Discount Adjustment provided under this rate schedule.

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall be adjusted by a discount of 18.8 percent.

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge

FARM DISCOUNT RIDER

A Customers taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customers will be eligible for this rate upon verification of a Customer's receipt of any means-tested public-benefit program or verification of eligibility for the low-income home energy assistance program or its successor program, for which eligibility does not exceed 200 percent of the federal poverty level based on a household's gross income or other criteria approved by the M.D.P.U.
- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

Issued by: Thomas J. May

President

Filed: September 29, 2011

Effective: October 1, 2011

Page 3 of 3

DOMESTIC LOW INCOME

RATE R-2

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on three (3) Business Days' notice.

Issued by: Thomas J. May

President

Filed: September 29, 2011 Effective: October 1, 2011

DOMESTIC HEATING

RATE R-3

AVAILABILITY

This rate is available for all domestic uses in single private homes or individual flats or apartments where the principal source of space heating is provided through permanently installed, automatically controlled gas heating devices of a type approved by the Company. This rate is also available for all uses by condominiums to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$6.50 per month

Distribution:

November - April

First 50 Therms

54.10 cents per Therm

Over 50 Therms 24.66 cents per Therm

May - October

First 20 Therms Over 20 Therms 54.10 cents per Therm

24.66 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Issued by: Thomas J. May

President

Filed: January 31, 2003

DOMESTIC HEATING

RATE R-3

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge.

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge

FARM DISCOUNT RIDER

A Customers taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on three (3) Business Days' notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

DOMESTIC HEATING LOW INCOME

RATE R-4

AVAILABILITY

Upon written application, this rate is available for all domestic uses in single private homes, in an individual flat or apartment or in a condominium where the principal source of space heating is provided through permanently installed, automatically controlled gas heating devices of a type approved by the Company to any Customer meeting the qualifications stated in the special provisions section of this rate. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Public Utilities ("M.D.P.U.").

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$6.50 per month

Distribution:

November - April

First 50 Therms Over 50 Therms 54.10 cents per Therm

24.66 cents per Therm

May - October

First 20 Therms

54.10 cents per Therm

Over 20 Therms

24.66 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Issued by: Thomas J. May

President

Filed:

September 29, 2011

Effective:

October 1, 2011

DOMESTIC HEATING LOW INCOME

RATE R-4

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge, less the application of the Low Income Discount Adjustment provided under this rate schedule.

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall be adjusted by a discount of 18.4 percent.

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate based upon verification of a Customer's receipt of any means-tested public-benefit program or verification of eligibility for the low-income home energy assistance program or its successor program, for which eligibility does not exceed 200 percent of the federal poverty level based on a household's gross income or other criteria approved by the M.D.P.U.
 - (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

Issued by: Thomas J. May

President

Filed: September 29, 2011

Effective: October 1, 2011

Page 3 of 3

DOMESTIC HEATING LOW INCOME

RATE R-4

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on three (3) Business Days' notice.

Issued by: Thomas J. May

President

Filed:

September 29, 2011

Effective:

October 1, 2011

LOW LOAD FACTOR GENERAL SERVICE - SMALL

RATE G-41

AVAILABILITY

This rate is available for all uses of gas to non-domestic Customers consuming less than 10,000 therms of gas per year and whose consumption of gas during the months of May through October is less than 30% of total consumption during the same calendar year.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$15.00 per month

Distribution:

November - April

25.29 cents per Therm

May - October

17.12 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge.

Issued by: Thomas J. May

President

Filed: January 31, 2003

LOW LOAD FACTOR GENERAL SERVICE - SMALL

RATE G-41

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge Dual Fuel Special Provision

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of twelve (12) consecutive months and shall continue thereafter until terminated upon three (3) months written notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

LOW LOAD FACTOR GENERAL SERVICE - MEDIUM

RATE G-42

AVAILABILITY

This rate is available for all uses of gas to non-domestic Customers consuming at least 10,000 therms but less than 100,000 therms of gas per year and whose consumption of gas during the months of May through October is less than 30% of total consumption during the same calendar year.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$30.00 per month

Distribution:

November - April

22.91 cents per Therm

May - October

11.13 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge.

Issued by: Thomas J. May

President

Filed: January 31, 2003

LOW LOAD FACTOR GENERAL SERVICE - MEDIUM

RATE G-42

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge Dual Fuel Special Provision

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of twelve (12) consecutive months and shall continue thereafter until terminated upon three (3) months written notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

LOW LOAD FACTOR GENERAL SERVICE - LARGE

RATE G-43

AVAILABILITY

This rate is available for all uses of gas to non-domestic Customers consuming at least 100,000 therms of gas per year and whose consumption of gas during the months of May through October is less than 30% of total consumption during the same calendar year.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$100.00 per month

Distribution:

November - April

21.58 cents per Therm

May - October

8.28 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge and five Energy Conservation Service Charge.

Issued by: Thomas J. May

President

Filed: January 31, 2003

LOW LOAD FACTOR GENERAL SERVICE - LARGE

RATE G-43

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge Dual Fuel Special Provision

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bills.

TERM

Service under this rate shall be for a minimum term of twelve (12) consecutive months and shall continue thereafter until terminated upon three (3) months written notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

HIGH LOAD FACTOR GENERAL SERVICE - SMALL

RATE G-51

AVAILABILITY

This rate is available for all uses of gas to non-domestic Customers consuming less than 10,000 therms of gas per year and whose consumption of gas during the months of May through October is 30% or more of total consumption during the same calendar year.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$15.00 per month

Distribution:

November - April

23.15 cents per Therm

May - October

16.12 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge.

Issued by: Thomas J. May

President

Filed: January 31, 2003

HIGH LOAD FACTOR GENERAL SERVICE - SMALL

RATE G-51

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge Dual Fuel Special Provision

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of twelve (12) consecutive months and shall continue thereafter until terminated upon three (3) months written notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

HIGH LOAD FACTOR GENERAL SERVICE - MEDIUM

RATE G-52

AVAILABILITY

This rate is available for all uses of gas to non-domestic Customers consuming at least 10,000 therms but less than 100,000 therms of gas per year and whose consumption of gas during the months of May through October is 30% or more of total consumption during the same calendar year.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$30.00 per month

Distribution:

November - April

18.84 cents per Therm

May - October

8.18 cents per Therm

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge and the Energy Conservation Service Charge.

Issued by: Thomas J. May

President

Filed: January 31, 2003

HIGH LOAD FACTOR GENERAL SERVICE - MEDIUM

RATE G-52

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge Dual Fuel Special Provision

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of twelve (12) consecutive months and shall continue thereafter until terminated upon three (3) months written notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

HIGH LOAD FACTOR GENERAL SERVICE - LARGE

RATE G-53

AVAILABILITY

This rate is available for all uses of gas to non-domestic Customers consuming at least 100,000 therms of gas per year and whose consumption of gas during the months of May through October is 30% or more of total consumption during the same calendar year.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer: \$100.00 per month

Distribution (Demand):

November - April \$ 2.44 per Therm of Billing Demand

May - October \$ 1.07 per Therm of Billing Demand

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service: As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge, the Demand Charge and the Energy Conservation Service Charge.

January 31, 2003 Issued by: Thomas J. May Filed:

President Effective: March 1, 2003

Page 2 of 3

HIGH LOAD FACTOR GENERAL SERVICE - LARGE

RATE G-53

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause Energy Conservation Service Charge Dual Fuel Special Provision

The charges for Default Service as in effect per tariff shall be subject to the following:

Default Service Demand Charge Adjustment:

November - April \$ 3.14 per Therm of Billing Demand

May - October \$ 0.93 per Therm of Billing Demand

Default Service Energy Credit Adjustment:

November - April 16.68 cents per Therm

May - October 5.71 cents per Therm

DETERMINATION OF BILLING DEMAND

The monthly Billing Demand shall be recomputed annually for each of two seasons per year, the Peak Season (November through April) and the Off Peak Season (May through October). In each season, the monthly Billing Demand shall be determined based upon gas consumption data for the most recent twelve (12) month period ("Reference Year") for which data is then available, or the best estimates available to the Company should actual information be partially or wholly unavailable or unrepresentative of the Customer's future consumption. The monthly Billing Demand for each season shall be equal to the sum of the Base Load and the Seasonal Heating Load. The Base Load shall be applicable to both seasons and will be computed based upon the average usage per weekday during the three month period ending August 31 in the Reference Year. Where such Base Load calculation is unrepresentative of the Customer's Base Load in a season, the Company will recalculate the Customer's Base Load separately for each season. The Seasonal Heating Load for each season will be equal to total gas consumption during that season minus the total Base Load in that season. The Seasonal Heating Load will be divided by the number of degree days in the season to arrive at heating usage per degree day for that season and will be multiplied times the number of degree days in the design day for that season.

Issued by: Thomas J. May Filed: January 31, 2003

President Effective: March 1, 2003

Page 3 of 3

HIGH LOAD FACTOR GENERAL SERVICE - LARGE

RATE G-53

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bills.

TERM

Service under this rate shall be for a minimum term of twelve (12) consecutive months and shall continue thereafter until terminated upon three (3) months written notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

Page 1 of 2

FIRM TRANSPORTATION

RATE T-1 (Closed)

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service under this rate schedule as of December 31, 1995, and who have executed a Service Agreement for Transportation Service ("Service Agreement") with the Company.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Customer:

\$838.00 per month

Distribution (Demand):

\$0.83 per Therm of MDTQ

(As stated in the Service Agreement)

Distribution (Energy):

2.00 cents per Therm

Supplier Services: (Optional)

Default Service:

As in effect per Tariff

Minimum charge:

The minimum charge per month shall be the sum of the Customer Charge and the Demand Charge.

Issued by: Thomas J. May

President

Filed: January 31, 2003

Page 2 of 2

FIRM TRANSPORTATION

RATE T-1 (Closed)

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

As provided for in the Service Agreement.

Issued by: Thomas J. May

President

Filed: January 31, 2003

Page 1 of 1

INTERIM TRANSPORTATION CHARGE RIDER

APPLICABILITY

The Interim Transportation Charge Rider ("ITC") applies to Customers taking service under Rate Schedules G-41, G-42, G-43, G-51, G-52 and G-53 that convert from Default Service to Transportation Service on or after February 1, 1999, but before April 1, 2000.

RATE

The Customer shall pay for Transportation Service under the appropriate filed rate applicable to the Customer.

INTERIM TRANSPORTATION CHARGE

An ITC of 1.00 cent per Therm shall be applied to the filed rate applicable to the Customer for Transportation Service in lieu of a mandatory-capacity assignment program during the period between February 2, 1999, and October 31, 2000.

TERMS AND CONDITIONS

The provisions of the Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Rider.

DEFAULT SERVICE

The Company shall provide Default Service to a Customer that has elected to convert from Default Service to Transportation Service on or after February 2, 1999, in the event that such Customer does not have a Supplier for any reason.

Issued by: Thomas J. May

President

Filed: January 31, 2003

Page 1 of 2

OUTDOOR LIGHTING

RATE S-1 (Closed)

AVAILABILITY

This rate is available only for service to outdoor gas lighting fixtures in existence as of October 6, 1976, provided that such gas lighting is used for security purposes only.

CHARACTER OF SERVICE

The Company delivers natural gas that conforms, in all respects, to the gas quality standards of the interstate pipelines interconnected with the Company's distribution system.

RATE PER MONTH

Delivery Services:

Distribution:

\$0.98 per light fixture per month

Supplier Services: (Optional pursuant to the Company's Terms and Conditions)

Default Service:

As in effect per Tariff

RATE ADJUSTMENTS

The charges for delivery services shall be subject to the following:

Local Distribution Adjustment Clause

Issued by: Thomas J. May

President

Filed: January 31, 2003

Page 2 of 2

OUTDOOR LIGHTING

RATE S-1 (Closed)

SPECIAL PROVISIONS

- 1. The Customer shall own, install and maintain the lamp post, fixture, mantles, regulators, stopcocks and supply lines and shall furnish all excavation and back-fill as required.
- 2. All replacement equipment and its installation shall be approved by the Company.
- 3. The final connection of any lighting devices or tubing to the supply system shall be made by, or under the supervision of, a representative of the Company at the cost of the Customer.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS AND CONDITIONS

Service under this rate is subject to the Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions herein.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on three (3) Business Days' notice.

Issued by: Thomas J. May

President

Filed: January 31, 2003

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES (ACCOUNT 426.4)

- 1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Account 426.4.
- 2. Advertising expenditures in this Acount shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders;

- (e) newspaper and magazine editorial services; and (f) other advertising.
- 3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions, clearly indicating the nature and purpose of the activity.
- 4. If respondent has not incurred any expenditures contemplated by the instructions of Account 426.4, so state.
- 5. For reporting years which begin during the calendar year 1963 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

Note: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)		A	mount (b)
1 2 3 4 5 6 7	Expenditures Associated with Lobbying Activities incurred and paid to the following:			
3		- 1		
4	Francisco Faculty Camilas Company	3	\$	85,874
5	Eversource Energy Service Company	i	Ψ	05,074
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38 39		TOTAL	\$	85,874

913. ADVERTISING EXPENSES. Amount for year Line Type General Description (a) (b) (c) No. Cost of advertising programs associated with service conversions \$403,185 23 \$403,185 **TOTAL**

DEPOSITS AND COLLATERAL

1. Statement of money and the value of any collateral held as guaranty for the payment of charges pursuant to Massachusetts General Laws. Chapter 164, Section 128.

Line NO.	 Name of City or Town 	Amount	
1	 Acushnet		\$440
2	1 Ashland		9,171
3	Aubum		3,623
4	Berlin		9,050
5	Boylston		3,590
6	Cambridge		5,830
7	Carver		3,605
8	Dartmouth		4,961
9	Dedham		2,298
10	Fairhaven		6,022
11	Framingham		7,955
12	Grafton		3,971
13	Holden		1,710
14	Holliston		0,989
15	Hopedale		1,243
16	Hopkinton		1,761
17	Hudson		4,101
18	Hyde Park		0,350
19	Kingston		6,070
20	Marlborough		4,911
21	Mattapoisett		1,943
22	Maynard		1,697
23	Mendon		1,750
24	Milford		3,471
25	Millbury		7,394
26	Natick		7,944
27	Needham		7,823
28	New Bedford		4,429
29	Northborough		26,779
30	Northbridge		8,671
31	Plymouth		14,701
32	Shrewsbury		35,263
33	Somerville	j	12,195
34	Southborough		19,185
35	Sterling	Î	225
36	Stow	Î.	845
37	Sutton	Ĩ	2,175
38	Upton	Ü	1,110
39	Uxbridge	Í	2,721
40	West Boylston	Ţ	7,102
41	Westborough	1	15,214
42	Westwood	1	6,537
43	Worcester	1 28	35,984
44		Ī	
45	Ĩ	f	
46	Î	1	
47			
48		TOTAL \$1,2	56,809

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY				
703	Jay S. Buth	Vice President, Controller and Chief Accounting Officer		
Chris Ocque	Christine L. Vaughan	Vice President-Rates & Regulatory Requirements and Treasurer		
<u>Directors</u> :				
	Gregory B. Butler	Director		
	James J. Judge	Director		
	Philip J. Lembo	Director		
	Werner J. Schweiger	Director		
SIGNATURE OF ABO	OVE PARTIES MUST BE I	PROPERLY SWORN TO		
State of: Connecticut				
County of: Loutford				
City of: Berlen				
April 13, 2017				
Then personally appeared Buth and made oath to the truth of the				
foregoing statement by him subscribed according to his best knowledge and belief.				
PATRICIA C. LARSON Notary Public				
NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES APRIL 30, 2021 My commission expires: April 30, 2021				

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY			
	Jay S. Buth	Vice President, Controller and	
		Chief Accounting Officer	
	Christina I. Varrahan	Vice President-Rates & Revenue	
	Christine L. Vaughan	Requirements and Treasurer	
<u>Directors</u> :			
\sim 1			
Cindl	Gregory B. Butler	Director	
	James J. Judge	Director	
	James V. Juage	5.1.0000	
	Philip J. Lembo	Director	
	Werner J. Schweiger	Director	
Wax-Windows			
SIGNATURE OF ABOVE PARTIES MUST BE PROPERLY SWORN TO			
State of: Connectisit			
State of. Continueur			
County of:			
City of: Darkford			
Oily Oil.		April 13, 2017	
1,			
Then personally appeared <u>Gregory B. Butter</u> and made oath to the truth of the			
foregoing statement by him subscribed according to his best knowledge and belief.			
My commission expires: 9-30-2019			
	My commission expire	es: 9-30-2019	
i	,		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY			
	Jay S. Buth	Vice President, Controller and Chief Accounting Officer	
	Christine L. Vaughan	Vice President-Rates & Revenue Requirements and Treasurer	
<u>Directors</u> :			
	Gregory B. Butler	Director	
(SA . 1	James J. Judge	Director	
MAN	Philip J. Lembo	Director	
	Werner J. Schweiger	Director	
SIGNATURE OF ABOVE PARTIES MUST BE PROPERLY SWORN TO			
State of: Mussumsits DANA M. FENNELLY Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires			
County of: Narfolk December 14, 2023			
City of: Westwood		April 13, 2017	
Then personally appeared The J. Lembo and made oath to the truth of the foregoing statement by him subscribed according to his best knowledge and belief.			
Dana M. Ferrelly Notary Public My commission expires: December 14 2023			
	My commission expire	s: Deamber 14 2023	

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY			
	Jay S. Buth	Vice President, Controller and Chief Accounting Officer	
7 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Christine L. Vaughan	Vice President-Rates & Revenue Requirements and Treasurer	
<u>Directors</u> :			
	Gregory B. Butler	Director	
	James J. Judge	Director	
	Philip J. Lembo	Director	
Jany /	Werner J. Schweiger	Director	
SIGNATURE OF ABOVE PARTIES MUST BE PROPERLY SWORN TO			
State of:			
County of:	**************************************		
City of: NGV + TOVO		April 13, 2017	
Then personally appeared <u>Werner Shuelger</u> and made oath to the truth of the foregoing statement by him subscribed according to his best knowledge and belief.			
My commission expires: 4/31/24			