Northern Utilities, Inc. New Hampshire Division Winter Season 2011-2012 Cost of Gas

Tariff Sheets

Supplement No. 1, Fifth Revised Page 2
Rate Summary

Supplement No. 1, Fourth Revised Page 3
Rate Summary

Sixty-second Revised Page No. 39 Calculation of Proposed Cost of Gas Adjustment

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

34g00.		
<u>Pages</u>	Revision	Proposed
Supplement No. 1 Title Supplement No.1 Page 1 Supplement No.1 Page 2 Supplement No.1 Page 3 Supplement No.1 Page 4 Title i ii iii iii iv v 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20.1 21 21.1 22 23 24 25 26 27 28 29 30	Original First Revised Fourth Revised Third Revised Original Original Original Third Revised Second Revised Second Revised Second Revised Original First Revised Original Original Original Original Third Revised First Revised Third Revised Third Revised Third Revised Third Revised Toriginal Third Revised Fourth Revised Original Third Revised Second Revised	Fifth Revised Fourth Revised
31 32	Second Revised Second Revised Fourth Revised	
33 34	Second Revised Second Revised	
35 36	Second Revised Second Revised	

Issued: March 23, 2012 Page 1 of 5

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

pages.		
<u>Pages</u>	Revision	<u>Proposed</u>
37 37.1 37.2	Third Revised Second Revised First Revised	
38 39 40	Forty-ninth Revised Sixty-first Revised Twenty-fourth Revised	Sixty-second Revised
41 42	First Revised First Revised	
43 44	Second Revised Third Revised	
45 46	Second Revised First Revised	
47 48	First Revised First Revised	
49 50	First Revised First Revised	
51 52	First Revised First Revised	
53 54	Second Revised Second Revised	
55 55-a 55-b	Second Revised First Revised First Revised	
55-c 55-d	Original Original	
55-e 56	Original Fifteenth Revised	·
57 58	Second Revised Original	
59 60	Third Revised Second Revised	
60-a 61 62	Original Third Revised	•
63 64	First Revised Third Revised First Revised	
65 66	Original Original	
67 68	Original Original	
69 70	Original Second Revised	
71 72	Original Second Revised	
73 74 75	Original Second Revised Original	
76 77	Second Revised Original	

Issued: March 23, 2012 Page 2 of 5

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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<u>Pages</u>	Revision	<u>Proposed</u>
78	Second Revised	
79	Original	
80	Second Revised	
81	Original	
82	Second Revised	
83	Original	
84	Second Revised	
85	Original	
86	Second Revised	
87	Original	
88	Second Revised	
89	Original	
90	Second Revised	
91	Original	
92	Second Revised	
93 94	Original	
95	Fifty-second Revised	
96	Fifty-second Revised Forty-first Revised	
97	First Revised	
98	First Revised	
99	Eleventh Revised	
99-a	Eighteenth Revised	
100	Original	
101	Original	
102	Original	
103	Original	
104	First Revised	
105	Original	
106	Original	
107	Original	
108	Original	
109	Original	
110	Original	
111	Original	
112	Original	
113	Original	
114 115	Original	
116	Original Original	
117	Original	
118	Original	
119	Original	
120	Original	
121	First Revised	
122	First Revised	
122-a	Original	
123	Original	
124	First Revised	

Issued: March 23, 2012 Page 3 of 5

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

•			
	<u>Pages</u>	Revision	Proposed
	125	First Revised	
	126	First Revised	
	127	First Revised	
	128	First Revised	
	129	First Revised	
	130	First Revised	
	131	First Revised	
	132	First Revised	
	133	First Revised	
	134	First Revised	
	135	First Revised	
	136	First Revised	
	137	First Revised	
	138	First Revised	
	139	First Revised	
	140	First Revised	
	141	First Revised	
	142	First Revised	
	143	First Revised	
	144	First Revised	
	145	First Revised	
	146	First Revised	
	147	First Revised	
	148	First Revised	
	149	First Revised	
	150	First Revised	
	151	First Revised	
	152	First Revised	
	152-a 153	Original	
	154	Second Revised Eleventh Revised	
	155	Original	
	156	Original	
	157	Original	
	158	Original	
	159	Original	
	160	Original	
	161	Original	
	162	Original	
	163	Original	
	164	Original	
	165	Original	
	166	Original	
	167	Original	
	168	Original	
	169	Tenth Revised	
	170	Original	
	170-a	Original	
	170-b	Fourth Revised	

Issued: March 23, 2012 Page 4 of 5

Northern Utilities, Inc. New Hampshire Division

CHECK SHEET

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

Pages Revision Proposed

171 First Revised

Issued: March 23, 2012 Page 5 of 5

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

Monthly Customer Charge \$9.50 \$0.4395 \$0.4835 \$1.5755 All Usage over 50 therms \$0.3283 \$0.3723 \$1.4643 LDAC \$0.0440 \$0.0440 Gas Cost Adjustment: Cost of Gas \$1.0920 Residential Heating Income Tariff Rate R 10: Monthly Customer Charge \$3.80 \$3.80 \$3.80 First 50 therms \$0.1489 \$0.1929 \$1.2849 LDAC \$0.0440 \$0.040 \$0.040 Gas Cost Adjustment: Cost of Gas \$1.0920 Residential Non-Heating Tariff Rate R 6: Bi-monthly Customer Charge \$0.4360 \$0.4800 \$1.5720 First 20 therms \$0.4360 \$0.4800 \$1.4735 Monthly Customer Charge \$9.50 \$9.50 \$9.50 First 10 therms \$0.4360 \$0.4800 \$1.4735 Monthly Customer Charge \$9.50 \$9.50 \$9.50 First 10 therms \$0.4360 \$0.4800 \$1.5720 All Usage over 20 therms \$0.3375 \$0.3815 \$1.4735 LDAC Gas Cost Adjustment: Cost of Gas \$1.0920 Residential Non-Heating Tariff Rate R 11: Bi-monthly Customer Charge \$1.0920 Residential Non-Heating Tariff Rate R 11: Bi-monthly Customer Charge \$1.3.80 \$1.4735 Residential Non-Heating Tariff Rate R 11: Bi-monthly Customer Charge \$0.0440 First 20 therms \$0.3377 \$0.3817 \$1.4737 All Usage over 20 therms \$0.3377 \$0.3817 \$1.4737 All Usage over 20 therms \$0.3377 \$0.3817 \$1.4737 All Usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC Gas Cost Adjustment: \$0.2628 \$0.3068 \$1.3988 Cas Cost Adjustment:		Winter Season		Total	Total Billed Rates
Tariff Rate R 5: Monthly Customer Charge \$9.50		November 2011 - April 2012	Tariff	Delivery Rates	Tariff Rates, LDAC
Monthly Customer Charge \$9.50 \$9.50 \$9.50 \$9.50 \$9.50 \$1.5755			Rates (1)	(Includes LDAC)	Plus Cost of Gas
First 50 therms	Residential Heating	Tariff Rate R 5:			
All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Heating Low Monthly Customer Charge First 50 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating First 20 therms All usage over 20 therms So. 1489 First 10 therms So. 1489 First 10 therms So. 1489 So. 1929 St. 2849 St.		Monthly Customer Charge	\$9.50	\$9.50	\$9.50
Cost of Gas		First 50 therms	\$0.4395	\$0.4835	\$1.5755
Cost of Gas \$1.0920		All usage over 50 therms	\$0.3283	\$0.3723	\$1.4643
Cost of Gas		LDAC	\$0.0440		
Residential Heating Low Tariff Rate R 10: Monthly Customer Charge \$3.80	•	Gas Cost Adjustment:			
Monthly Customer Charge \$3.80 \$3.80 \$3.80 \$1.3294 \$1.3		Cost of Gas	\$1.0920		
Monthly Customer Charge \$3.80 \$3.80 \$3.80 \$1.3294 \$1.3		Tovill Data D 40:			T
First 50 therms	•			60.00	62 00
All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating Tariff Rate R 6: Bi-monthly Customer Charge First 20 therms All usage over 20 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating Tariff Rate R 6: Bi-monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating First 20 therms All usage over 20 therms Solution First 20 therms All usage over 20 therms Solution First 20 therms All usage over 20 therms Solution First 20 therms All usage over 20 therms Solution First 20 therms All usage over 20 therms Solution	Income	· · · · · · · · · · · · · · · · · · ·	11 +1		,
LDAC \$0.0440 \$1.0920 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.000000 \$1.000000 \$1.000000 \$1.000000 \$1.000000 \$1.0000000000 \$1.000000000000000000000000000000000000				•	3
Cost of Gas \$1.0920		•	1 ,	\$0.1929	\$1.2849
Residential Non-Heating Tariff Rate R 6: Bi-monthly Customer Charge \$19.00			\$0.0440		
Tariff Rate R 6: Bi-monthly Customer Charge \$19.00 \$1.5720 \$19.00 \$1.5720 \$1.4735 \$1.4737					
Bi-monthly Customer Charge \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$15.720 \$1.5720 \$1.4735 \$1.4737 \$1.4		Cost of Gas	\$1.0920		
Bi-monthly Customer Charge \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$15.720 \$1.5720 \$1.4735 \$1.4737 \$1.4	Residential Non-Heating	Tariff Rate R 6:			
First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating First 20 therms All usage over 20 therms So.3375 LOAG Gas Cost Adjustment: Cost of Gas Residential Non-Heating First 20 therms All usage over 20 therms First 20 therms All usage over 10 therms LDAC Gas Cost Adjustment: So.3377 So.3817 So.3	Residentias Non-Freating		\$19.00	\$19.00	\$19.00
Monthly Customer Charge \$9.50 \$9.50 \$9.50 First 10 therms \$0.3375 \$0.3815 \$1.4735 All usage over 10 therms \$0.4360 \$0.4800 \$1.5720 All usage over 10 therms \$0.3375 \$0.3815 \$1.4735 LDAC \$0.0440 Gas Cost Adjustment: Cost of Gas \$1.0920 Residential Non-Heating Tariff Rate R 11: Bi-monthly Customer Charge \$13.80 \$13.80 \$13.80 First 20 therms \$0.3377 \$0.3817 \$1.4737 All usage over 20 therms \$0.2628 \$0.3068 \$1.3988 Monthly Customer Charge \$6.90 \$6.90 \$6.90 First 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC \$0.0440 \$0.0440 Gas Cost Adjustment:			4		,
Monthly Customer Charge \$9.50 \$9.50 \$9.50 First 10 therms \$0.4360 \$0.4800 \$1.5720 All usage over 10 therms \$0.3375 \$0.3815 \$1.4735 LDAC \$0.0440 Gas Cost Adjustment: Cost of Gas \$1.0920 Residential Non-Heating Tariff Rate R 11: Bi-monthly Customer Charge \$13.80 \$13.80 \$13.80 First 20 therms \$0.3377 \$0.3817 \$1.4737 All usage over 20 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC \$0.0440 \$0.0440 \$0.0440 Gas Cost Adjustment: \$0.0440 \$0.0440 Gas Cost Adjustment \$0.0440 \$0.0			11 '		1
First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating Low Income Residential Non-Heating First 20 therms All usage over 20 therms All usage over 20 therms First 10 therms All usage over 10 therms All usage over 10 therms All usage over 10 therms First 10 therms All usage over 10 therms So.2628 So.3068 So.	•	All dauge over 20 therms		40.00.0	, , , , , , , , , , , , , , , , , , ,
First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating Low Income Bi-monthly Customer Charge First 20 therms All usage over 20 therms All usage over 20 therms First 10 therms All usage over 10 therms		Monthly Customer Charge	\$9.50	\$9.50	\$9.50
LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating Low Income Tariff Rate R 11: Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: St.0.0440 \$0.0440 \$13.80 \$13.80 \$13.80 \$13.80 \$13.80 \$13.80 \$1.4737 \$0.3817 \$1.4737 \$0.3068 \$1.3988 \$0.2628 \$0.3068 \$1.3988			\$0.4360	\$0.4800	\$1.5720
LDAC Gas Cost Adjustment: Cost of Gas Residential Non-Heating Low Income Tariff Rate R 11: Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: St.0.0440 \$0.0440 \$13.80 \$13.80 \$13.80 \$13.80 \$13.80 \$13.80 \$1.4737 \$0.3817 \$1.4737 \$0.3068 \$1.3988 \$0.2628 \$0.3068 \$1.3988		All usage over 10 therms	\$0.3375	\$0.3815	\$1,4735
Cost of Gas		_	1 1	,	
Cost of Gas \$1.0920		Gas Cost Adjustment:			
Si-monthly Customer Charge \$13.80			\$1.0920		
Si-monthly Customer Charge \$13.80	-				
First 20 therms \$0.3377 \$0.3817 \$1.4737 \$0.2628 \$0.3068 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.3988 \$1.4737 \$1.473				.	
## Standard	Low Income	•	11 1 1 1	,	1
Monthly Customer Charge \$6.90 \$6.90 First 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC \$0.0440 \$0.0440 \$0.0440		First 20 therms			
First 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC \$0.0440 Gas Cost Adjustment:		All usage over 20 therms	\$0.2628	\$0.3068	\$1.3988
First 10 therms \$0.3377 \$0.3817 \$1.4737 All usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC \$0.0440 Gas Cost Adjustment:		Monthly Customer Charge	\$6.90	\$6.90	\$6.90
All usage over 10 therms \$0.2628 \$0.3068 \$1.3988 LDAC \$0.0440 Gas Cost Adjustment:				,	,
LDAC Gas Cost Adjustment: \$0.0440			1 1 ' 1	,	1
Gas Cost Adjustment:			11 ' 1	40.000	
			\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
		Cost of Gas	\$1.0920		

⁽¹⁾ Includes temporary rate adjustment of \$0.0293

Issued: March 23, 2012

Issued by:

Authorized by NHPUC Order No. 25,282 in Docket No. DG 11-207, dated October 28, 2011.

Effective: With Service Rendered On and After April 1, 2012

Title:

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

WINTER SEASON C&I RATES

	Winter Season	T	Total	Total Billed Rates
	November 2011 - April 2012	Tariff	Delivery Rates	Tariff Rates, LDAC
		Rates (1)	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:	111111111111111111111111111111111111111	(
	Monthly Customer Charge	\$18.70	\$18.70	\$18.70
	First 75 therms	\$0.3370	\$0.3603	\$1,4852
	All usage over 75 therms	\$0.2300	\$0.2533	\$1.3782
	LDAC	\$0.0233	40.2000	V 11010m
	Gas Cost Adjustment:	40.02.00		
	Cost of Gas	\$1.1249		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$18.70	\$18.70	\$18.70
	First 75 therms	\$0.3311	\$0.3544	\$1.2859
	All usage over 75 therms	\$0.2262	\$0.2495	\$1.1810
	LDAC	\$0.0233	ψ0. <u>L</u> +30	\$1.1010
	Gas Cost Adjustment:	Ψ0.02.55		
	Cost of Gas	\$0.9315		
	0031 01 043	ψ0.3313		L.,,
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$60.30	\$60.30	\$60.30
	All usage	\$0.2235	\$0.2468	\$1.3717
	LDAC	\$0.0233		
·	Gas Cost Adjustment:			
	Cost of Gas	\$1.1249		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$60.30	\$60.30	\$60.30
	First 1300 therms	\$0.2155	\$0.2388	\$1.1703
	All usage over 1300 therms	\$0.1760	\$0.1993	\$1.1308
	LDAC	\$0.0233		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9315		
C&I High Annual/High Winter	Tariff Rate G 42:	1		
out right / timedar light / times	Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	Working Customer Charge	Ψ2.54.00	\$254.00	\$254.00
	All usage	\$0.2018	\$0.2251	\$1.3500
	LDAC	\$0.0233	ψV.2.2.0 I	¥1.0000
	Gas Cost Adjustment:	40.0255		
	Cost of Gas	\$1.1249		
C&I High Annual/Low Winter	Tariff Rate G 52:	1		· · · · · · · · · · · · · · · · · · ·
Car ingli Allidai/LOW Willet	Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	wionally Customer Charge	φ254.00	\$25 4. 00	\$254.00
	Allucado	\$0.1555	\$0.1788	\$1.1103
	All usage LDAC	1 ' 1	φU.1/00	φ1.11U3
		\$0.0233		
	Gas Cost Adjustment: Cost of Gas	\$0.9315		
	COST OF GRS	\$0.9315		

(1) Includes temporary rate adjustment of \$0.0293

Issued: March 23, 2012

Issued by:

WZHCROS

Effective: With Service Rendered On and After April 1, 2012

Title:

Treasurer

Authorized by NHPUC Order No. 25,282 in Docket No. DG 11-207, dated October 28, 2011.

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2011 - April 30, 2012

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/11-04/30/12) Direct Cost of Gas Rate	\$28,899,546 28,614,458	\$1.0100	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$14,697,036 \$14,202,510 \$28,899,546	\$0.5136 \$0.4963 \$1.0099	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/11-04/30/12) Indirect Cost of Gas	\$2,112,605 28,614,458	\$0.0738	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.0837	per therm
Period Ending Under-collection as determined on 12/22/11 PROJECTED SALES (01/01/12 - 04/30/12) PER UNIT CHANGE IN COST OF GAS (01/01/12 - 04/30/12)	\$1,413,303 19,551,177 \$0.0723		
Period Ending Under-collection as determined on 2/23/12 PROJECTED SALES (03/01/12 - 04/30/12) PER UNIT CHANGE IN COST OF GAS (03/01/12 - 04/30/12) Period Ending Under-collection as determined on 3/23/12	\$1,115,973 7,962,551 \$0.1402 (\$644,996)		
PROJECTED SALES (04/30/12) PER UNIT CHANGE IN COST OF GAS (04/30/12)	3,159,801 (\$0.2041)		

ESIDENTIAL COST OF GAS RATE - 04/01/12	COGwr	\$1.0920	per therm
	Maximum (COG+25%)	\$1.3546	
RESIDENTIAL COST OF GAS RATE - 11/01/11		\$ 1.0837	
CHANGE IN PER UNIT COST		\$ 0.0723	
RESIDENTIAL COST OF GAS RATE - 012/01/12		\$ 1.1560	
CHANGE IN PER UNIT COST		\$ 0.1402	
RESIDENTIAL COST OF GAS RATE - 03/01/12		\$ 1.2961	
CHANGE IN PER UNIT COST	•	\$ (0.2041)	
RESIDENTIAL COST OF GAS RATE - 04/01/12		\$ 1.0920	

COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12	COGwl	 \$0.9315	per therm
	Maximum (COG+25%)	\$1.1540	
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11		\$ 0.9232	
CHANGE IN PER UNIT COST		\$ 0.0723	
COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/12	•	\$ 0.9955	
CHANGE IN PER UNIT COST		\$ 0.1402	
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12		\$ 1.1356	
CHANGE IN PER UNIT COST		\$ (0.2041)	
COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12		\$ 0.9315	

COM/IND HIGH WINTER USE COST OF GAS RATE - 4/01/12	COGwh	\$1.1249	per therm
	Maximum (COG+25%)	\$1.3958	
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11		\$ 1.1166	
CHANGE IN PER UNIT COST		\$ 0.0723	
COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/12		\$ 1.1889	
CHANGE IN PER UNIT COST		\$ 0.1402	
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12		\$ 1.3290	
CHANGE IN PER UNIT COST		\$ (0.2041)	
COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12		\$ 1.1249	

NHPUC No. 10 - Gas NORTHERN UTILITIES, INC. Fourth
Superseding Third

Supplement No. 1

Fifth Revised Page 2

Fourth Revised Page 2

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

WINTER SEASON C&I RATES

	Winter Season			Total	Total Bille	d Rates
	November 2011 - April 2012	Tar	iff	Delivery Rates	Tariff Rates, LDAC	
	·	Rates		(Includes LDAC)	Plus Cost	of Gas
C&I Low Annual/High Winter	Tariff Rate R 5:					
	Monthly Customer Charge	\$9.50		\$9.50	\$9.50	!
	First 50 therms	\$0.4395		\$0.4835	\$1.7796	<u>\$1.5755</u>
	All usage over 50 therms	\$0.3283		\$0.3723	\$1.6684	<u>\$1.4643</u>
	LDAC	\$0.0440				
	Gas Cost Adjustment:					
	Cost of Gas	\$1.2961	\$1.0920		##	
C&I Low Annual/Low Winter	Tariff Rate R 10:	1				
C&I LOW Annual/LOW Winter		\$3.80		\$3.80	\$3.80	,
	Monthly Customer Charge First 50 therms	\$0.1934		\$0.2374	\$1,5335	\$1.3294
	All usage over 50 therms	\$0.1934		\$0.2374 \$0.1929	\$1,4890	\$1.2849
	LDAC	\$0.0440		\$0.1929	φ1.4050	\$1.2043
		\$0.0440				-
	Gas Cost Adjustment:	\$1,2961	\$1.0920			
	Cost of Gas	♦1.2901	\$1.0920			
Residential Non-Heating	Tariff Rate R 6:					
	Bi-monthly Customer Charge	\$19.00		\$19.00	\$19.00)
	First 20 therms	\$0.4360		\$0.4800	\$1,7761	\$1.5720
	All usage over 20 therms	\$0.3375		\$0.3815	\$1.6776	<u>\$1.4735</u>
	Monthly Customer Charge	\$9.50		\$9.50	\$9.50	
	First 10 therms	\$0.4360		\$0.4800	\$1.7761	\$1.5720
	All usage over 10 therms	\$0.3375		\$0.3815	\$1.6776	\$1.4735
	LDAC	\$0.0440			-	
	Gas Cost Adjustment:	• • • • • • • • • • • • • • • • • • •				
	Cost of Gas	\$ 1.2961	\$1.0920			
Residential Non-Heating Low Income	Tariff Rate R 11:					
	Bi-monthly Customer Charge	\$13.80		\$13.80	\$13.80	
	First 20 therms	\$0.3377		\$0.3817	\$1.6778	<u>\$1.4737</u>
	All usage over 20 therms	\$0.2628		\$0.3068	\$1,6029	<u>\$1.3988</u>
	Monthly Customer Charge	\$6.90		\$6.90		\$6.90
	First 10 therms	\$0.3377		\$0.3817	\$1.6778	\$1.4737
	All usage over 10 therms	\$0.2628		\$0.3068	\$1,6029	\$1.3988
	LDAC	\$0.0440				
	Gas Cost Adjustment:					
	Cost of Gas	\$1.2961	\$1.0920			

(1) Includes temporary rate adjustment of \$0.0293

Issued: February 24,

March 23, 2012

Issued by:

Whalas

Effective: With Service Rendered On and After March-April 1, 2012

Authorized by NHPUC Order No. 25,282, in Docket No. DG 11-045, dated April 29, 2011.

Title: Treasu

NHPUC No. 10 - Gas NORTHERN UTILITIES, INC.

Third Superseding Second Fourth Revised Page 3 Third Revised Page 3

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON C&I RATES

	Winter Season	П			Total	Total Bille	d Rates
	November 2011 - April 2012		Tar	iff	Delivery Rates	Tariff Rate	
		П	Rate		(Includes LDAC)	Plus Cost	•
C&I Low Annual/High Winter	Tariff Rate G 40:	Ħ			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-
	Monthly Customer Charge		\$18.70		\$18.70	\$18.70	
	First 75 therms		\$0.3370		\$0.3603	\$1,6893	\$1.4852
	All usage over 75 therms		\$0.2300		\$0.2533	\$1,5823	\$1.3782
	LDAC		\$0.0233		VV.=000	¥ 1.100	<u> Lainninninninn</u>
	Gas Cost Adjustment:		***************************************				
	Cost of Gas		\$1.3290	\$1.1249			
C&I Low Annual/Low Winter	Tariff Rate G 50:						
C&I Low Annual/Low Winter	Monthly Customer Charge		\$18.70		\$18.70	\$18.70	
	,		\$0.3311		\$0.3544	\$13.70 \$1.4900	\$1.2859
	First 75 therms		\$0.3311			\$1.4800 \$1.3851	
	All usage over 75 therms				\$0.2495	\$ 1,303 t	<u>\$1.1810</u>
	LDAC		\$0.0233				
	Gas Cost Adjustment:		#4.4DF0	CO 0045			
	Cost of Gas		\$1.1356	<u>\$0.9315</u>			
C&I Medium Annual/High Winter	Tariff Rate G 41:	П					,
	Monthly Customer Charge		\$60.30		\$60.30	\$60.30	•
	All usage		\$0.2235		\$0.2468	\$1.5758	\$1.3717
	LDAC		\$0.0233				
,	Gas Cost Adjustment:						
	Cost of Gas		\$1.3290	\$1.1249			
C&I Medium Annual/Low Winter	Tariff Rate G 51:	1			1		
Car Medium Annual/Low Winter	Monthly Customer Charge		\$60.30		\$60.30	\$60.30	,
	First 1300 therms		\$0.2155		\$0.2388	\$1.3744	\$1.1703
			\$0.2133		\$0.1993	\$1.3349	\$1.1703 \$1.1308
İ	All usage over 1300 therms LDAC		\$0.1760 \$0.0233		\$0.1993	\$1.3348	\$1,1300
			\$0.0233				
	Gas Cost Adjustment:		#4 43EC	#0 024E			
	Cost of Gas		\$1.1356	\$0.9315			
C&I High Annual/High Winter	Tariff Rate G 42:	П					
	Monthly Customer Charge		\$254.00		\$254.00	\$254.00)
			_				
	All usage		\$0.2018		\$0.2251	\$1.5541	<u>\$1.3500</u>
	LDAC		\$0.0233				
	Gas Cost Adjustment:						
	Cost of Gas		\$1.3290	\$1.1249			
C&I High Annual/Low Winter	Tariff Rate G 52:	П					
	Monthly Customer Charge		\$254.00		\$254.00	\$254.00)
	,		•			,	
	All usage		\$0.1555		\$0.1788	\$1.3144	\$1.1103
	LDAC		\$0.0233				
	Gas Cost Adjustment:						
	Cost of Gas		\$1.1356	\$0.9315			
	~~~				<u> </u>		

(1) Includes temporary rate adjustment of \$0.0293

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Title:

### CALCULATION OF FIRM SALES COST OF GAS RATE

#### Period Covered: November 1, 2011 - April 30, 2012

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	\$28,899,546		
Projected Prorated Sales (11/01/11-04/30/12) Direct Cost of Gas Rate	28,614,458	\$1.0100 per therm	ì
Demand Cost of Gas Rate	\$14,697,036	\$0.5136 per therm	
Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$14,202,510 \$28,899,546	\$0.4963 per therm \$1.0099 per therm	
Total Anticipated Indirect Cost of Gas	\$2,112,605		
Projected Prorated Sales (11/01/11-04/30/12) Indirect Cost of Gas	28,614,458	\$0.0738 per therm	1
TOTAL PERIOD AVERAGE COST OF GAS		\$1.0837 per them	n
Period Ending Under-collection as determined on 12/22/11	\$1,413,303		
PROJECTED SALES (01/01/12 - 04/30/12)	19,551,177		
PER UNIT CHANGE IN COST OF GAS (01/01/12 - 04/30/12)	\$0.0723		
Period Ending Under-collection as determined on 2/23/12	\$1,115,973		
PROJECTED SALES (03/01/12 - 04/30/12)	7,962,551		
PER UNIT CHANGE IN COST OF GAS (03/01/12 - 04/30/12)	\$0.1402		
Period Ending Under-collection as determined on 3/23/12	(\$644,996)		
PROJECTED SALES (04/30/12)	<u>3,159,801</u>		
PER UNIT CHANGE IN COST OF GAS (04/30/12)	(\$0.2041)		

RESIDENTIAL COST OF GAS RATE -03/01/12 04/01/12	COGwr	<u>\$1.29</u>	64 \$1.0920	per therm
	Maximum (COG+25%)		\$1.3546	
RESIDENTIAL COST OF GAS RATE - 11/01/11		\$	1.0837	
CHANGE IN PER UNIT COST		\$	0.0723	
RESIDENTIAL COST OF GAS RATE - 012/01/12		\$	1.1560	
CHANGE IN PER UNIT COST		\$	0.1402	
RESIDENTIAL COST OF GAS RATE - 03/01/12		\$	1.2961	
CHANGE IN PER UNIT COST		\$	(0.2041)	
RESIDENTIAL COST OF GAS RATE - 04/01/12		\$	1.0920	

OM/IND LOW WINTER USE COST OF GAS RATE -03/01/12 04/01/12	COGwi	<u>\$1.13</u>	<del>56 \$0.9315</del>	per therm	
	Maximum (COG+25%)		\$1.1540		
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11		\$	0.9232		
CHANGE IN PER UNIT COST		\$	0.0723		
COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/12		\$	0.9955		
CHANGE IN PER UNIT COST		\$	0.1402		
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12		\$	1.1356		
CHANGE IN PER UNIT COST		\$	(0.2041)		
COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12		\$	0.9315		

COM/IND HIGH WINTER USE COST OF GAS RATE -03/01/12 04/01/12	COGwh	<del>\$1.32</del>	90 \$1.1249	per therm
	Maximum (COG+25%)		\$1.3958	
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11		\$	1.1166	
CHANGE IN PER UNIT COST		\$	0.0723	
COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/12		\$	1.1889	
CHANGE IN PER UNIT COST		\$	0.1402	
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12		\$	1.3290	
CHANGE IN PER UNIT COST		\$	(0.2041)	
COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12		\$	1.1249	

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