

NEW HAMPSHIRE GAS CORPORATION  
COST OF GAS RATE FILING - DG 12-\_\_\_\_  
WINTER PERIOD 2012 - 2013  
ORIGINAL FILING

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New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2012 through April 30, 2013

Projected Gas Sales - therms		931,112
Total Anticipated Cost of Propane Sendout		\$1,445,302
Add: Prior Period Deficiency Uncollected Interest		\$0 \$437
Deduct: Prior Period Excess Collected Interest		(\$47,527) \$0
Prior Period Adjustments and Interest		(\$47,090)
Total Anticipated Cost		<u>\$1,398,212</u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.5017</u>
Fixed Price Option Premium	\$0.0200
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.5217</u>

Pursuant to tariff section 17(d), the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:

Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm) \$1.8771

Issued: October \_\_, 2012  
Effective: November 1, 2012

Issued By: \_\_\_\_\_  
Michael D. Eastman  
Treasurer

In Compliance with DG 12-\_\_\_\_\_, Order No. \_\_\_\_\_

Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2011 through April 30, 2012  
 Winter Period November 1, 2012 through April 30, 2013

Projected Gas Sales - therms		— 996,907	
			931,112
Total Anticipated Cost of Propane Sendout			<u>\$2,134,869</u>
			\$1,445,302
Add: Prior Period Deficiency Uncollected Interest	\$33,215		\$0
	\$3,560		\$437
Deduct: Prior Period Excess Collected Interest	\$0		(\$47,527)
	<u>\$0</u>		<u>\$0</u>
Prior Period Adjustments and Interest			\$36,775
			<u>(\$47,090)</u>
Total Anticipated Cost			<u>\$2,171,644</u>
			\$1,398,212
Fixed Price Option Cost of Gas Rate (per therm) *	\$2.2357		
Forecasted Fixed Price Option Sales (therms)		<u>— 155,000</u>	
Forecasted Fixed Price Option Cost of Gas Revenue			\$346,534
Remaining Gas Cost to be Recovered			<u>\$1,825,110</u>
Forecasted Non-Fixed Price Option Sales (therms)			— 841,907
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)			\$2.1678
Mid-Period Adjustment - December 1, 2011			(\$0.0758)
Mid-Period Adjustment - March 1, 2012			\$0.0764
Revised Non-Fixed Price Option Cost of Gas Rate - Effective March 1, 2012 (per therm)			<u><u>\$2.1684</u></u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.5017</u>
Fixed Price Option Premium	\$0.0200
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.5217</u>

Pursuant to tariff section 17(d), the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:

Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm)	<u>\$2.7098</u>
	<u>\$1.8771</u>

\* The Fixed Price Option rate was determined in the initial cost of gas filing on September 20, 2011, based on the Non-Fixed Price Option rate plus a \$0.02 fixed price option premium. (NHPUC Order No. 24,516)

Issued: February 23, 2012      October \_\_, 2012  
 Effective: March 1, 2012      November 1, 2012

Issued By: \_\_\_\_\_  
 Michael D. Eastman  
 Treasurer

In Compliance with DG 11-212, Order No. 25,281  
 In Compliance with DG 12-\_\_\_\_, Order No. \_\_\_\_\_

NEW HAMPSHIRE GAS CORPORATION  
 CONVERSION OF GAS COSTS - GALLONS TO THERMS  
 WINTER PERIOD 2012 - 2013

	(1)	(2)	(3)	(4)	(5)	(6)
			<u>VOLUMES</u>		<u>UNIT COST</u>	
	<u>UNIT</u>	<u>CONVERSION FACTOR</u>	<u>GALLONS</u>	<u>THERMS</u>	<u>PER GALLON</u>	<u>PER THERM</u>
PROPANE FROM INVENTORY	GALLONS	0.91502	1,077,508	985,941	\$1.3448	\$1.4697

## NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS RATE  
SUPPLY / DEMAND BALANCE  
WINTER PERIOD 2012 - 2013

	PRIOR	NOV 11	DEC 11	JAN 12	FEB 12	MAR 12	APR 12	TOTAL
<u>SENDOUT (THERMS)</u>								
1 FIRM SENDOUT *		120,626	183,735	227,981	184,864	151,057	90,920	959,183
2 COMPANY USE		3,383	5,392	5,868	5,186	4,084	2,845	26,758
3 TOTAL SENDOUT		124,009	189,127	233,849	190,050	155,141	93,765	985,941
4 * UNACCTED FOR VOLS INCLUDED		1,348	2,053	2,547	2,066	1,688	1,016	10,718
<u>COSTS</u>								
5 PROPANE SENDOUT FROM ABOVE		124,009	189,127	233,849	190,050	155,141	93,765	985,941
6 COST/THERM FROM SCHEDULE F		\$1.4367	\$1.4658	\$1.4755	\$1.4822	\$1.4761	\$1.4707	\$1.4697
7 FPO PREMIUM		(\$330)	(\$470)	(\$779)	(\$824)	(\$760)	(\$561)	(\$3,724)
8 TOTAL PROPANE COSTS		\$177,835	\$276,746	\$344,273	\$280,862	\$228,251	\$137,335	\$1,445,302
<u>REVENUES</u>								
9 FIRM SALES (THERMS)		82,544	117,463	194,788	206,063	190,073	140,181	931,112
10 RATE/THERM PER TARIFF		\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017
11 TOTAL REVENUES		\$123,953	\$176,389	\$292,505	\$309,436	\$285,425	\$210,504	\$1,398,212
12 (OVER)/UNDER COLLECTION		\$53,882	\$100,357	\$51,768	(\$28,574)	(\$57,174)	(\$73,169)	\$47,090
13 INTEREST FROM SCHEDULE H		(\$58)	\$151	\$357	\$390	\$275	\$99	\$1,214
14 FINAL (OVER)/UNDER COLLECTION	(\$48,304)	\$53,824	\$100,508	\$52,125	(\$28,184)	(\$56,899)	(\$73,070)	\$0

NEW HAMPSHIRE GAS CORPORATION  
 CALCULATION OF PURCHASED PROPANE COSTS  
 WINTER PERIOD 2012 - 2013

LINE NO.		NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	TOTAL
1	TOTAL SENDOUT (GALLONS)	135,526	206,692	255,567	207,700	169,549	102,473	1,077,508
2	CHANGE TO ENDING INVENTORY BALANCE (GALLONS)	4,000	5,000	(4,000)	(10,000)	(4,000)	(11,000)	(20,000)
3	TOTAL REQUIRED PURCHASES (GALLONS)	139,526	211,692	251,567	197,700	165,549	91,473	1,057,508
4	<b>PROPANE PURCHASE STABILIZATION PLAN DELIVERIES</b>							
5	GALLONS	90,000	140,000	160,000	140,000	110,000	60,000	700,000
6	<b>RATES - from Schedule D</b>							
7	Contract Price	\$1.2914	\$1.2914	\$1.2914	\$1.2914	\$1.2914	\$1.2914	
8	Broker Fee	incl.	incl.	incl.	incl.	incl.	incl.	
9	Pipeline Fee Increase	\$0.0913	\$0.0913	\$0.0913	\$0.0913	\$0.0913	\$0.0913	
10	PERC Fee	incl.	incl.	incl.	incl.	incl.	incl.	
11	Trucking Fee	incl.	incl.	incl.	incl.	incl.	incl.	
12	COST PER GALLON	\$1.3827	\$1.3827	\$1.3827	\$1.3827	\$1.3827	\$1.3827	\$1.3827
13	TOTAL COST - Propane Purchase Stabilization Plan Deliveries	\$124,443	\$193,578	\$221,232	\$193,578	\$152,097	\$82,962	\$967,890
14	<b>SPOT PURCHASES</b>							
15	GALLONS	49,526	71,692	91,567	57,700	55,549	31,473	357,508
16	<b>RATES - from Schedule E</b>							
17	Mt. Belvieu Futures Price (09/18/12)	\$0.8854	\$0.8921	\$0.9079	\$0.9067	\$0.8896	\$0.8746	
18	Broker Fee	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	
19	Pipeline Fee	\$0.1764	\$0.2220	\$0.2220	\$0.2220	\$0.2220	\$0.2220	
20	PERC Fee	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	
21	Supplier Charge	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	
22	Trucking Fee	\$0.0762	\$0.0762	\$0.0762	\$0.0762	\$0.0762	\$0.0762	
23	COST PER GALLON	\$1.2320	\$1.2843	\$1.3001	\$1.2989	\$1.2818	\$1.2668	\$1.2815
24	TOTAL COST - Spot Purchases	\$61,016	\$92,074	\$119,046	\$74,947	\$71,203	\$39,870	\$458,156
25	<b>OTHER COSTS</b>							
26	Storage - Winter Period 2012-2013	\$7,500	\$0	\$0	\$0	\$0	\$0	\$7,500
27	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	TOTAL OTHER COSTS	\$7,500	\$0	\$0	\$0	\$0	\$0	\$7,500
29	<b>TOTAL</b>							
30	GALLONS	139,526	211,692	251,567	197,700	165,549	91,473	1,057,508
31	THERMS	127,669	193,702	230,189	180,900	151,481	83,700	967,641
32	COST	\$192,959	\$285,652	\$340,278	\$268,525	\$223,300	\$122,832	\$1,433,546
33	COST PER GALLON	\$1.3830	\$1.3494	\$1.3526	\$1.3582	\$1.3488	\$1.3428	\$1.3556
34	COST PER THERM	\$1.5114	\$1.4747	\$1.4783	\$1.4844	\$1.4741	\$1.4675	\$1.4815

NEW HAMPSHIRE GAS CORPORATION  
 PROPANE PURCHASE STABILIZATION PROGRAM  
 WINTER PERIOD 2012 - 2013

Line  
 No.

1	2	3	Pre-Purchases (Gallons)					8
			4	5	6	7	9	
	Delivery Month	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Total
	Nov-11	18,000	13,500	13,500	18,000	13,500	13,500	90,000
	Dec-11	28,000	21,000	21,000	28,000	21,000	21,000	140,000
	Jan-12	32,000	24,000	24,000	32,000	24,000	24,000	160,000
	Feb-12	28,000	21,000	21,000	28,000	21,000	21,000	140,000
	Mar-12	22,000	16,500	16,500	22,000	16,500	16,500	110,000
	Apr-12	12,000	9,000	9,000	12,000	9,000	9,000	60,000
	Total	140,000	105,000	105,000	140,000	105,000	105,000	700,000
	Monthly %	20.0%	15.0%	15.0%	20.0%	15.0%	15.0%	

11	Unadjusted Price per Gallon <sup>(1)</sup>	\$1.3690	\$1.2150	\$1.2000	\$1.3070	\$1.2800	\$1.3460	<b>Weighted Avg.</b> \$1.2914
12	Pipeline tariff rate increase <sup>(2)</sup>							\$0.0913
13	Delivery Price per Gallon							<b>\$1.3827</b>
14	Delivery Price per Therm							<b>\$1.5111</b>

(1) Inclusive of Pipeline tariff rate, PERC fee, and Trucking charges at time of bid (March 2012), plus hedge premium charge.

(2) Pipeline tariff rate increase with pending effective date of 11/16/12 filed with FERC by Enterprise TE Products Pipeline Co.

NEW HAMPSHIRE GAS CORPORATION  
 PROPANE SPOT MARKET PURCHASE COST ANALYSIS  
 WINTER PERIOD 2012 - 2013

		(1) Mt. Belvieu <sup>1</sup>		(2) Broker Fee		(3) Pipeline Rate <sup>2</sup>		(4) PERC Fee		(5) Supplier Charge		(6) Cost @ Selkirk		(7) Trucking to Keene <sup>3</sup>		(8) \$ per Gal.		(9) \$ per Therm
1	NOV	0.8854	+	0.0100	+	0.1764	+	0.0040	+	0.0800	=	1.1558	+	0.0762	=	1.2320	=	1.3464
2	DEC	0.8921	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2081	+	0.0762	=	1.2843	=	1.4036
3	JAN	0.9079	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2239	+	0.0762	=	1.3001	=	1.4209
4	FEB	0.9067	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2227	+	0.0762	=	1.2989	=	1.4195
5	MAR	0.8896	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2056	+	0.0762	=	1.2818	=	1.4008
6	APR	0.8746	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.1906	+	0.0762	=	1.2668	=	1.3844

1. Propane futures market quotations (quotes.ino.com) on 9/18/12. See Appendix 1.

2. Enterprise TE Products Pipeline Co., FERC tariffs 54.20.0 effective 7/21/12, and 54.15.0 pending effective date 11/16/12. See Appendix 2A - 2C.

3. Northern Gas Transport trucking rate including diesel fuel surcharge. See Appendix 3A & 3B.

NEW HAMPSHIRE GAS CORPORATION

PROPANE INVENTORY & WEIGHTED AVERAGE COST OF GAS CALCULATION  
WINTER PERIOD 2012 - 2013

LINE NO.				Rate				
		Therms	Cost	Therm	Gal.			
1	August 2012 (Actual)							
2	Beginning Balance	46,001	\$58,636	\$1.2747	\$1.1664			
3	Purchases Received	51,164	\$63,311	\$1.2374	\$1.1322			
4	Total Available	97,165	\$121,947	\$1.2550	\$1.1484			
5	Less Sendout	44,120	\$55,373	\$1.2550	\$1.1484			
6	Ending Balance	53,045	\$66,574	\$1.2550	\$1.1484			
7	September 2012 (Estimated)							
8	Beginning Balance	53,045	\$66,574	\$1.2550	\$1.1484			
9	Purchases Received	53,254	\$64,400	\$1.2093	\$1.1065			
10	Total Available	106,299	\$130,974	\$1.2321	\$1.1274			
11	Less Sendout	49,434	\$60,909	\$1.2321	\$1.1274			
12	Ending Balance	56,865	\$70,065	\$1.2321	\$1.1274			
13	October 2012 (Estimated)							
14	Beginning Balance	56,865	\$70,065	\$1.2321	\$1.1274			
15	Purchases Received	85,000	\$109,540	\$1.2887	\$1.1792			
16	Total Available	141,865	\$179,605	\$1.2660	\$1.1584			
17	Less Sendout	85,993	\$108,869	\$1.2660	\$1.1584			
18	Ending Balance	55,872	\$70,736	\$1.2660	\$1.1584			
19	November 2012 (Forecasted)							
20	Beginning Balance	55,872	\$70,736	\$1.2660	\$1.1584			
21	Purchases Received	127,669	\$192,959	\$1.5114	\$1.3830			
22	Total Available	183,541	\$263,695	\$1.4367	\$1.3146			
23	Less Sendout	124,009	\$178,165	\$1.4367	\$1.3146	124,009	\$178,165	
24	Ending Balance	59,532	\$85,530	\$1.4367	\$1.3146			
25	December 2012 (Forecasted)							
26	Beginning Balance	59,532	\$85,530	\$1.4367	\$1.3146			
27	Purchases Received	193,702	\$285,652	\$1.4747	\$1.3494			
28	Total Available	253,234	\$371,182	\$1.4658	\$1.3412			
29	Less Sendout	189,127	\$277,216	\$1.4658	\$1.3412	189,127	\$277,216	
30	Ending Balance	64,107	\$93,966	\$1.4658	\$1.3412			
31	January 2013 (Forecasted)							
32	Beginning Balance	64,107	\$93,966	\$1.4658	\$1.3412			
33	Purchases Received	230,189	\$340,278	\$1.4783	\$1.3526			
34	Total Available	294,296	\$434,244	\$1.4755	\$1.3501			
35	Less Sendout	233,849	\$345,052	\$1.4755	\$1.3501	233,849	\$345,052	
36	Ending Balance	60,447	\$89,192	\$1.4755	\$1.3501			
37	February 2013 (Forecasted)							
38	Beginning Balance	60,447	\$89,192	\$1.4755	\$1.3501			
39	Purchases Received	180,900	\$268,525	\$1.4844	\$1.3582			
40	Total Available	241,347	\$357,717	\$1.4822	\$1.3562			
41	Less Sendout	190,050	\$281,686	\$1.4822	\$1.3562	190,050	\$281,686	
42	Ending Balance	51,297	\$76,031	\$1.4822	\$1.3562			
43	March 2013 (Forecasted)							
44	Beginning Balance	51,297	\$76,031	\$1.4822	\$1.3562			
45	Purchases Received	151,481	\$223,300	\$1.4741	\$1.3488			
46	Total Available	202,778	\$299,331	\$1.4762	\$1.3507			
47	Less Sendout	155,141	\$229,011	\$1.4761	\$1.3507	155,141	\$229,011	
48	Ending Balance	47,637	\$70,320	\$1.4762	\$1.3507			
49	April 2013 (Forecasted)							
50	Beginning Balance	47,637	\$70,320	\$1.4762	\$1.3507			
51	Purchases Received	83,700	\$122,832	\$1.4675	\$1.3428			
52	Total Available	131,337	\$193,152	\$1.4707	\$1.3457			
53	Less Sendout	93,765	\$137,896	\$1.4707	\$1.3457	93,765	\$137,896	
54	Ending Balance	37,572	\$55,256	\$1.4707	\$1.3457			
55		AVERAGE WINTER RATE - SENDOUT			\$1.4697	985,941	\$1,449,026	
56					FPO Premium (Sch. B, Line 7)		(\$3,724)	
57					Total Propane Cost - Sendout (Sch. B, Line 8)		\$1,445,302	

NEW HAMPSHIRE GAS CORPORATION  
 PRIOR PERIOD (OVER)/UNDER COLLECTION  
 WINTER PERIOD 2011 - 2012

	<u>PRIOR</u>	<u>NOV 11</u>	<u>DEC 11</u>	<u>JAN 12</u>	<u>FEB 12</u>	<u>MAR 12</u>	<u>APR 12</u>	<u>TOTAL</u>
<u>COSTS</u>								
1	FIRM SENDOUT (therms)	107,452	165,049	207,029	166,634	119,602	85,510	851,276
2	COMPANY USE (therms)	3,383	5,392	5,868	5,186	4,084	2,845	26,758
3	TOTAL SENDOUT (therms)	110,835	170,441	212,897	171,820	123,686	88,355	878,034
4	COST PER THERM	\$2.0016	\$2.0050	\$1.9248	\$1.9126	\$1.9335	\$1.9525	\$1.9517
5	TOTAL PROPANE COSTS	\$221,850	\$341,726	\$409,788	\$328,617	\$239,151	\$172,514	\$1,713,646
<u>REVENUES</u>								
6	FPO SALES (therms)	14,709	19,739	32,563	34,335	30,530	20,684	152,560
7	NON-FPO SALES (therms)	64,169	86,754	144,950	155,273	139,637	94,222	685,005
8	TOTAL SALES	78,878	106,493	177,513	189,608	170,167	114,906	837,565
9	FPO RATE PER THERM	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357
10	NON-FPO RATE PER THERM	\$2.1678	\$2.0920	\$2.0920	\$2.0920	\$2.1684	\$2.1684	\$2.1252
11	FPO REVENUES	\$32,885	\$44,130	\$72,801	\$76,763	\$68,256	\$46,243	\$341,078
12	NON-FPO REVENUES	\$139,105	\$181,489	\$303,235	\$324,831	\$302,788	\$204,310	\$1,455,758
13	TOTAL REVENUES	\$171,990	\$225,619	\$376,036	\$401,594	\$371,044	\$250,554	\$1,796,837
14	ACTUAL (OVER)/UNDER COLLECTION	\$49,860	\$116,107	\$33,752	(\$72,977)	(\$131,893)	(\$78,040)	(\$83,190)
15	INTEREST AMOUNT	\$159	\$384	\$588	\$537	\$261	(\$23)	\$1,905
16	FINAL (OVER)/UNDER COLLECTION	\$33,758	\$83,777	\$200,268	\$162,168	\$30,536	<b>(\$47,527)</b>	

NEW HAMPSHIRE GAS CORPORATION

INTEREST CALCULATION  
WINTER PERIOD 2012 - 2013

LINE NO.	MONTH	(1) BEG. OF MONTH BALANCE	(2) (OVER) UNDER COLLECT	(3) REFUNDS	(4) END OF MONTH BALANCE (COL.1+2+3)	(5) AVERAGE BALANCE COL. (COL. [1+4]/2)	(6) ANNUAL INTEREST RATE	(7) INTEREST AMOUNT	(8) MONTH END BAL. WITH INTEREST (COL. 4+7)
1	MAY 2012	(\$47,527)	\$0	\$0	(\$47,527)	(\$47,527)	3.25%	(\$129)	(\$47,656)
2	JUN	(47,656)	0	0	(47,656)	(47,656)	3.25%	(129)	(47,785)
3	JUL	(47,785)	0	0	(47,785)	(47,785)	3.25%	(129)	(47,914)
4	AUG	(47,914)	0	0	(47,914)	(47,914)	3.25%	(130)	(48,044)
5	SEP	(48,044)	0	0	(48,044)	(48,044)	3.25%	(130)	(48,174)
6	OCT	(48,174)	0	0	(48,174)	(48,174)	3.25%	(130)	(48,304)
7	NOV	(48,304)	53,882	0	5,578	(21,363)	3.25%	(58)	5,520
8	DEC	5,520	100,357	0	105,877	55,699	3.25%	151	106,028
9	JAN 2013	106,028	51,768	0	157,796	131,912	3.25%	357	158,153
10	FEB	158,153	(28,574)	0	129,579	143,866	3.25%	390	129,969
11	MAR	129,969	(57,174)	0	72,795	101,382	3.25%	275	73,070
12	APR	73,070	(73,169)	0	(99)	36,486	3.25%	99	0
13									
14								<u>\$437</u>	

15 PRIOR PERIOD BEG. BALANCE w/INTEREST @ NOVEMBER 1, 2012 =

16 PRIOR PERIOD BEG. BAL. @ MAY 1, 2012 + INTEREST AMOUNT FOR MAY 2012 - OCTOBER 2012

17 = COL. 1, LINE 1 + COL. 7, LINES 1 TO 6

18 = (47,527) + (777) = (48,304) @ NOVEMBER 1, 2012  
(TRANSFER TO SCHEDULE B, LINE 14)

New Hampshire Gas Corporation Weather Normalization - Firm Sendout													
Period	Actual Firm Sendout	Base Use	Heat Use	Actual Calendar Month Degree Days	Normal Calendar Month Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normalized Firm Sendout	Actual Company Use	Unaccounted For 1.13%	Total Firm Sendout
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			(1) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)		(10 - 11) * 1.13%	(10) - (11) + (12)
Nov-11	110,835	44,905	65,930	669	789	(120)	98.55	11,826	77,756	122,662	3,383	1,348	120,626
Dec-11	170,441	44,905	125,536	1,034	1,171	(137)	121.41	16,633	142,169	187,074	5,392	2,053	183,735
Jan-12	212,897	44,905	167,992	1,214	1,347	(133)	138.38	18,404	186,396	231,301	5,868	2,547	227,981
Feb-12	171,820	44,905	126,915	1,005	1,133	(128)	126.28	16,164	143,079	187,984	5,186	2,066	184,864
Mar-12	123,686	44,905	78,781	704	970	(266)	111.90	29,767	108,548	153,453	4,084	1,688	151,057
Apr-12	88,355	44,905	43,450	534	588	(54)	81.37	4,394	47,844	92,749	2,845	1,016	90,920
Total	878,034	269,430	608,604	5,160	5,998	(838)		97,188	705,792	975,222	26,758	10,718	959,183

New Hampshire Gas Corporation Weather Normalization - Sales Rate Residential											
Period	Billing Cycle Customers	Billing Cycle Sales	Base Load	Heating Load	Billing Cycle Monthly Actual Degree Days	Billing Cycle Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (3)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
Nov-11	794	18,746	6,980	11,766	510	563	(53)	23.07	1,223	12,989	19,969
Dec-11	798	26,358	6,980	19,378	722	845	(123)	26.84	3,301	22,679	29,659
Jan-12	800	42,815	6,980	35,835	1,071	1,208	(137)	33.46	4,584	40,419	47,399
Feb-12	808	44,202	6,980	37,222	1,172	1,304	(132)	31.76	4,192	41,414	48,394
Mar-12	805	39,877	6,980	32,897	951	1,104	(153)	34.59	5,293	38,190	45,170
Apr-12	805	24,921	6,980	17,941	676	907	(231)	26.54	6,131	24,072	31,052
Total		196,919	41,880	155,039	5,102	5,931	(829)	29.82	24,723	179,762	221,643

New Hampshire Gas Corporation Weather Normalization - Sales Rate Commercial											
Period	Billing Cycle Customers	Billing Cycle Sales	Base Load	Heating Load	Billing Cycle Monthly Actual Degree Days	Billing Cycle Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (3)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
Nov-11	355	60,132	35,503	24,629	504	554	(50)	48.87	2,443	27,072	62,575
Dec-11	358	80,135	35,503	44,632	710	832	(122)	62.86	7,669	52,301	87,804
Jan-12	363	134,698	35,503	99,195	1,063	1,199	(136)	93.32	12,691	111,886	147,389
Feb-12	360	145,406	35,503	109,903	1,183	1,315	(132)	92.90	12,263	122,166	157,669
Mar-12	365	130,290	35,503	94,787	960	1,108	(148)	98.74	14,613	109,400	144,903
Apr-12	366	89,985	35,503	54,482	683	923	(240)	79.77	19,144	73,626	109,129
Total		640,646	213,018	427,628	5,103	5,931	(828)	83.12	68,824	496,452	709,469

Summary - Total Winter Season Billed Sales

	<u>Actual 2011-2012</u>	<u>Normalized</u>
November	78,878	82,544
December	106,493	117,463
January	177,513	194,788
February	189,608	206,063
March	170,167	190,073
April	114,906	140,181
Total	837,565	931,112

**New Hampshire Gas Corporation  
Typical Residential Heating Bill - Fixed Price Option Program  
Forecasted 2012-2013 Winter Period vs. Actual 2011-2012 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
<b>12 MONTHS ENDED 04/2012</b>															
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
<b>Residential Heating</b>															
Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$105.60
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$88.86	\$61.09	\$33.32	\$33.32	\$46.65	\$78.87	\$342.11	\$895.19
Next 120 therms @ \$0.9442	\$27.38	\$66.09	\$101.03	\$101.97	\$81.20	\$49.10	\$426.77	\$9.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.03	\$435.80
Over 200 therms @ \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Base Delivery Revenue Total</b>	<b>\$128.56</b>	<b>\$167.27</b>	<b>\$202.21</b>	<b>\$203.15</b>	<b>\$182.38</b>	<b>\$150.28</b>	<b>\$1,033.85</b>	<b>\$106.49</b>	<b>\$69.69</b>	<b>\$41.92</b>	<b>\$41.92</b>	<b>\$55.25</b>	<b>\$87.47</b>	<b>\$402.74</b>	<b>\$1,436.59</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>						
COG Rates	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	\$2.0763	
<b>Cost of Gas Total</b>	<b>\$243.69</b>	<b>\$335.36</b>	<b>\$418.08</b>	<b>\$420.31</b>	<b>\$371.13</b>	<b>\$295.11</b>	<b>\$2,083.68</b>	<b>\$175.44</b>	<b>\$107.21</b>	<b>\$65.84</b>	<b>\$67.35</b>	<b>\$94.29</b>	<b>\$150.13</b>	<b>\$660.26</b>	<b>\$2,743.94</b>
<b>Total Bill</b>	<b>\$372</b>	<b>\$503</b>	<b>\$620</b>	<b>\$623</b>	<b>\$554</b>	<b>\$445</b>	<b>\$3,118</b>	<b>\$282</b>	<b>\$177</b>	<b>\$108</b>	<b>\$109</b>	<b>\$150</b>	<b>\$238</b>	<b>\$1,063</b>	<b>\$4,181</b>
<b>12 MONTHS ENDED 04/2013</b>															
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
<b>Residential Heating</b>															
Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97
Next 120 therms @ \$0.9442	\$27.38	\$66.09	\$101.03	\$101.97	\$81.20	\$49.10	\$426.77	\$9.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.44	\$436.21
Over 200 therms @ \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Base Delivery Revenue Total</b>	<b>\$128.56</b>	<b>\$167.27</b>	<b>\$202.21</b>	<b>\$203.15</b>	<b>\$182.38</b>	<b>\$150.28</b>	<b>\$1,033.85</b>	<b>\$110.62</b>	<b>\$72.37</b>	<b>\$43.57</b>	<b>\$43.57</b>	<b>\$57.39</b>	<b>\$90.81</b>	<b>\$418.33</b>	<b>\$1,452.18</b>
Seasonal Base Delivery Difference from previous year							\$0.00							\$15.59	\$15.59
Seasonal Percent Change from previous year							0.0%							3.9%	1.1%
Deferred Revenue Surcharge Rate	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$7.80</b>	<b>\$10.74</b>	<b>\$13.39</b>	<b>\$13.46</b>	<b>\$11.89</b>	<b>\$9.45</b>	<b>\$66.73</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$66.73</b>
COG Rates	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3728	
<b>Cost of Gas Total</b>	<b>\$165.87</b>	<b>\$228.26</b>	<b>\$284.56</b>	<b>\$286.08</b>	<b>\$252.60</b>	<b>\$200.86</b>	<b>\$1,418.23</b>	<b>\$160.96</b>	<b>\$70.22</b>	<b>\$36.08</b>	<b>\$39.04</b>	<b>\$48.41</b>	<b>\$81.84</b>	<b>\$436.55</b>	<b>\$1,854.78</b>
Seasonal COG Difference from previous year							-\$665.45							-\$223.71	-\$889.16
Seasonal Percent Change from previous year							-31.9%							-33.9%	-32.4%
<b>Total Bill</b>	<b>\$302</b>	<b>\$406</b>	<b>\$500</b>	<b>\$503</b>	<b>\$447</b>	<b>\$361</b>	<b>\$2,519</b>	<b>\$272</b>	<b>\$143</b>	<b>\$80</b>	<b>\$83</b>	<b>\$106</b>	<b>\$173</b>	<b>\$855</b>	<b>\$3,374</b>
Seasonal Total Bill Difference from previous year							-\$598.72							-\$208.12	-\$806.84
Seasonal Percent Change from previous year							-19.2%							-19.6%	-19.3%
Seasonal Percent Change resulting from Base Rates (inc. Def. Revenue Surch.)							2.1%							1.5%	2.0%
Seasonal Percent Change resulting from COG							-21.3%							-21.0%	-21.3%

(1) Residential Heating Typical Usage: Single family detached home using gas for heat, hot water and cooking.

**New Hampshire Gas Corporation**  
**Typical Residential Heating Bill - Non-Fixed Price Option Program**  
**Forecasted 2012-2013 Winter Period vs. Actual 2011-2012 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
<b>12 MONTHS ENDED 04/2011</b>															
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
<b>Residential Heating</b>															
Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$105.60
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$88.86	\$61.09	\$33.32	\$33.32	\$46.65	\$78.87	\$342.11	\$895.19
Next 120 therms @ \$0.9442	\$27.38	\$66.09	\$101.03	\$101.97	\$81.20	\$49.10	\$426.77	\$9.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.03	\$435.80
Over 200 therms @ \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Base Delivery Revenue Total</b>	<b>\$128.56</b>	<b>\$167.27</b>	<b>\$202.21</b>	<b>\$203.15</b>	<b>\$182.38</b>	<b>\$150.28</b>	<b>\$1,033.85</b>	<b>\$106.49</b>	<b>\$69.69</b>	<b>\$41.92</b>	<b>\$41.92</b>	<b>\$55.25</b>	<b>\$87.47</b>	<b>\$402.74</b>	<b>\$1,436.59</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>						
COG Rates	\$2.1678	\$2.0920	\$2.0920	\$2.0920	\$2.1684	\$2.1684	\$2.1253	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	\$2.0763	
<b>Cost of Gas Total</b>	<b>\$236.29</b>	<b>\$313.80</b>	<b>\$391.20</b>	<b>\$393.30</b>	<b>\$359.95</b>	<b>\$286.23</b>	<b>\$1,980.77</b>	<b>\$175.44</b>	<b>\$107.21</b>	<b>\$65.84</b>	<b>\$67.35</b>	<b>\$94.29</b>	<b>\$150.13</b>	<b>\$660.26</b>	<b>\$2,641.03</b>
<b>Total Bill</b>	<b>\$365</b>	<b>\$481</b>	<b>\$593</b>	<b>\$596</b>	<b>\$542</b>	<b>\$437</b>	<b>\$3,015</b>	<b>\$282</b>	<b>\$177</b>	<b>\$108</b>	<b>\$109</b>	<b>\$150</b>	<b>\$238</b>	<b>\$1,063</b>	<b>\$4,078</b>
<b>12 MONTHS ENDED 04/2012</b>															
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
<b>Residential Heating</b>															
Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97
Next 120 therms @ \$0.9442	\$27.38	\$66.09	\$101.03	\$101.97	\$81.20	\$49.10	\$426.77	\$9.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.44	\$436.21
Over 200 therms @ \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Base Delivery Revenue Total</b>	<b>\$128.56</b>	<b>\$167.27</b>	<b>\$202.21</b>	<b>\$203.15</b>	<b>\$182.38</b>	<b>\$150.28</b>	<b>\$1,033.85</b>	<b>\$110.62</b>	<b>\$72.37</b>	<b>\$43.57</b>	<b>\$43.57</b>	<b>\$57.39</b>	<b>\$90.81</b>	<b>\$418.33</b>	<b>\$1,452.18</b>
Seasonal Base Delivery Difference from previous year							\$0.00							\$15.59	\$15.59
Seasonal Percent Change from previous year							0.0%							3.9%	1.1%
Deferred Revenue Surcharge Rate	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$7.80</b>	<b>\$10.74</b>	<b>\$13.39</b>	<b>\$13.46</b>	<b>\$11.89</b>	<b>\$9.45</b>	<b>\$66.73</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$66.73</b>
COG Rates	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3728	
<b>Cost of Gas Total</b>	<b>\$163.69</b>	<b>\$225.26</b>	<b>\$280.82</b>	<b>\$282.32</b>	<b>\$249.28</b>	<b>\$198.22</b>	<b>\$1,399.59</b>	<b>\$160.96</b>	<b>\$70.22</b>	<b>\$36.08</b>	<b>\$39.04</b>	<b>\$48.41</b>	<b>\$81.84</b>	<b>\$436.55</b>	<b>\$1,836.14</b>
Seasonal COG Difference from previous year							-\$581.18							-\$223.71	-\$804.89
Seasonal Percent Change from previous year							-29.3%							-33.9%	-30.5%
<b>Total Bill</b>	<b>\$300</b>	<b>\$403</b>	<b>\$496</b>	<b>\$499</b>	<b>\$444</b>	<b>\$358</b>	<b>\$2,500</b>	<b>\$272</b>	<b>\$143</b>	<b>\$80</b>	<b>\$83</b>	<b>\$106</b>	<b>\$173</b>	<b>\$855</b>	<b>\$3,355</b>
Seasonal Total Bill Difference from previous year							-\$514.45							-\$208.12	-\$722.57
Seasonal Percent Change from previous year							-17.1%							-19.6%	-17.7%
Seasonal Percent Change resulting from Base Rates (inc. Def. Revenue Surch.)							2.2%							1.5%	2.0%
Seasonal Percent Change resulting from COG							-19.3%							-21.0%	-19.7%

(1) Residential Heating Typical Usage: Single family detached home using gas for heat, hot water and cooking.

**New Hampshire Gas Corporation**  
**Typical Commercial Bill - Fixed Price Option Program**  
**Forecasted 2012-2013 Winter Period vs. Actual 2011-2012 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
12 MONTHS ENDED 04/2011															
Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
<b>Commercial</b>															
Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$103.20	\$211.20
Delivery Charge:															
<u>Winter</u> <u>Summer</u>															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$88.86	\$88.86	\$79.98	\$79.98	\$88.86	\$88.86	\$515.40	\$1,068.48
Next 120 therms @ \$0.9442	\$106.69	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$85.92	\$33.40	\$0.90	\$0.00	\$0.00	\$8.13	\$55.97	\$98.40	\$744.21
Over 200 therms @ \$0.7946	\$0.00	\$54.83	\$77.87	\$49.27	\$27.02	\$0.00	\$208.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$208.99
<b>Base Delivery Revenue Total</b>	<b>\$216.87</b>	<b>\$278.31</b>	<b>\$301.35</b>	<b>\$272.75</b>	<b>\$250.50</b>	<b>\$196.10</b>	<b>\$1,515.88</b>	<b>\$139.46</b>	<b>\$106.96</b>	<b>\$97.18</b>	<b>\$97.18</b>	<b>\$114.19</b>	<b>\$162.03</b>	<b>\$717.00</b>	<b>\$2,232.88</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>						
COG Rates	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	\$2.1041	
<b>Cost of Gas Total</b>	<b>\$431.49</b>	<b>\$601.40</b>	<b>\$666.24</b>	<b>\$585.75</b>	<b>\$523.15</b>	<b>\$382.30</b>	<b>\$3,190.33</b>	<b>\$228.07</b>	<b>\$157.89</b>	<b>\$158.00</b>	<b>\$161.63</b>	<b>\$199.80</b>	<b>\$300.26</b>	<b>\$1,205.65</b>	<b>\$4,395.98</b>
<b>Total Bill</b>	<b>\$648</b>	<b>\$880</b>	<b>\$968</b>	<b>\$859</b>	<b>\$774</b>	<b>\$578</b>	<b>\$4,706</b>	<b>\$368</b>	<b>\$265</b>	<b>\$255</b>	<b>\$259</b>	<b>\$314</b>	<b>\$462</b>	<b>\$1,923</b>	<b>\$6,629</b>
12 MONTHS ENDED 04/2012															
Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
<b>Commercial</b>															
Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
Delivery Charge:															
<u>Winter</u> <u>Summer</u>															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	\$82.96	\$82.96	\$92.18	\$92.18	\$534.64	\$1,087.72
Next 120 therms @ \$0.9442	\$106.69	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$85.92	\$34.94	\$0.94	\$0.00	\$0.00	\$8.50	\$58.54	\$102.92	\$748.73
Over 200 therms @ \$0.7946	\$0.00	\$54.83	\$77.87	\$49.27	\$27.02	\$0.00	\$208.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$208.99
<b>Base Delivery Revenue Total</b>	<b>\$216.87</b>	<b>\$278.31</b>	<b>\$301.35</b>	<b>\$272.75</b>	<b>\$250.50</b>	<b>\$196.10</b>	<b>\$1,515.88</b>	<b>\$145.12</b>	<b>\$111.12</b>	<b>\$100.96</b>	<b>\$100.96</b>	<b>\$118.68</b>	<b>\$168.72</b>	<b>\$745.56</b>	<b>\$2,261.44</b>
Seasonal Base Delivery Difference from previous year							\$0.00							\$28.56	\$28.56
Seasonal Percent Change from previous year							0.0%							4.0%	1.3%
Deferred Revenue Surcharge Rate	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$13.82</b>	<b>\$19.26</b>	<b>\$21.34</b>	<b>\$18.76</b>	<b>\$16.75</b>	<b>\$12.24</b>	<b>\$102.17</b>	<b>\$0.00</b>	<b>\$102.17</b>						
COG Rates	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3249	
<b>Cost of Gas Total</b>	<b>\$293.69</b>	<b>\$409.34</b>	<b>\$453.47</b>	<b>\$398.69</b>	<b>\$356.08</b>	<b>\$260.21</b>	<b>\$2,171.48</b>	<b>\$209.24</b>	<b>\$103.41</b>	<b>\$86.58</b>	<b>\$93.69</b>	<b>\$102.59</b>	<b>\$163.68</b>	<b>\$759.19</b>	<b>\$2,930.67</b>
Seasonal COG Difference from previous year							-\$1,018.85							-\$446.46	-\$1,465.31
Seasonal Percent Change from previous year							-31.9%							-37.0%	-33.3%
<b>Total Bill</b>	<b>\$524</b>	<b>\$707</b>	<b>\$776</b>	<b>\$690</b>	<b>\$623</b>	<b>\$469</b>	<b>\$3,790</b>	<b>\$354</b>	<b>\$215</b>	<b>\$188</b>	<b>\$195</b>	<b>\$221</b>	<b>\$332</b>	<b>\$1,505</b>	<b>\$5,294</b>
Seasonal Total Bill Difference from previous year							-\$916.68							-\$417.90	-\$1,334.58
Seasonal Percent Change from previous year							-19.5%							-21.7%	-20.1%
Seasonal Percent Change resulting from Base Rates (inc. Def. Revenue Surch.)							2.2%							1.5%	2.0%
Seasonal Percent Change resulting from COG							-21.6%							-23.2%	-22.1%

**New Hampshire Gas Corporation**  
**Typical Commercial Bill - Non-Fixed Price Option Program**  
**Forecasted 2012-2013 Winter Period vs. Actual 2011-2012 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
12 MONTHS ENDED 04/2011															
Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
<b>Commercial</b>															
Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$103.20	\$211.20
Delivery Charge:															
<u>Winter</u> <u>Summer</u>															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$88.86	\$88.86	\$79.98	\$79.98	\$88.86	\$88.86	\$515.40	\$1,068.48
Next 120 therms @ \$0.9442	\$106.69	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$85.92	\$33.40	\$0.90	\$0.00	\$0.00	\$8.13	\$55.97	\$98.40	\$744.21
Over 200 therms @ \$0.7946	\$0.00	\$54.83	\$77.87	\$49.27	\$27.02	\$0.00	\$208.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$208.99
<b>Base Delivery Revenue Total</b>	<b>\$216.87</b>	<b>\$278.31</b>	<b>\$301.35</b>	<b>\$272.75</b>	<b>\$250.50</b>	<b>\$196.10</b>	<b>\$1,515.88</b>	<b>\$139.46</b>	<b>\$106.96</b>	<b>\$97.18</b>	<b>\$97.18</b>	<b>\$114.19</b>	<b>\$162.03</b>	<b>\$717.00</b>	<b>\$2,232.88</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>						
COG Rates	\$2.1678	\$2.0920	\$2.0920	\$2.0920	\$2.1684	\$2.1684	\$2.1239	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	\$2.1041	
<b>Cost of Gas Total</b>	<b>\$418.39</b>	<b>\$562.75</b>	<b>\$623.42</b>	<b>\$548.10</b>	<b>\$507.41</b>	<b>\$370.80</b>	<b>\$3,030.87</b>	<b>\$228.07</b>	<b>\$157.89</b>	<b>\$158.00</b>	<b>\$161.63</b>	<b>\$199.80</b>	<b>\$300.26</b>	<b>\$1,205.65</b>	<b>\$4,236.52</b>
<b>Total Bill</b>	<b>\$635</b>	<b>\$841</b>	<b>\$925</b>	<b>\$821</b>	<b>\$758</b>	<b>\$567</b>	<b>\$4,547</b>	<b>\$368</b>	<b>\$265</b>	<b>\$255</b>	<b>\$259</b>	<b>\$314</b>	<b>\$462</b>	<b>\$1,923</b>	<b>\$6,469</b>
12 MONTHS ENDED 04/2012															
Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
<b>Commercial</b>															
Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
Delivery Charge:															
<u>Winter</u> <u>Summer</u>															
First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	\$82.96	\$82.96	\$92.18	\$92.18	\$534.64	\$1,087.72
Next 120 therms @ \$0.9442	\$106.69	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$85.92	\$34.94	\$0.94	\$0.00	\$0.00	\$8.50	\$58.54	\$102.92	\$748.73
Over 200 therms @ \$0.7946	\$0.00	\$54.83	\$77.87	\$49.27	\$27.02	\$0.00	\$208.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$208.99
<b>Base Delivery Revenue Total</b>	<b>\$216.87</b>	<b>\$278.31</b>	<b>\$301.35</b>	<b>\$272.75</b>	<b>\$250.50</b>	<b>\$196.10</b>	<b>\$1,515.88</b>	<b>\$145.12</b>	<b>\$111.12</b>	<b>\$100.96</b>	<b>\$100.96</b>	<b>\$118.68</b>	<b>\$168.72</b>	<b>\$745.56</b>	<b>\$2,261.44</b>
Seasonal Base Delivery Difference from previous year							\$0.00							\$28.56	\$28.56
Seasonal Percent Change from previous year							0.0%							4.0%	1.3%
Deferred Revenue Surcharge Rate	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$13.82</b>	<b>\$19.26</b>	<b>\$21.34</b>	<b>\$18.76</b>	<b>\$16.75</b>	<b>\$12.24</b>	<b>\$102.17</b>	<b>\$0.00</b>	<b>\$102.17</b>						
COG Rates	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.5017	\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3249	
<b>Cost of Gas Total</b>	<b>\$289.83</b>	<b>\$403.96</b>	<b>\$447.51</b>	<b>\$393.45</b>	<b>\$351.40</b>	<b>\$256.79</b>	<b>\$2,142.94</b>	<b>\$209.24</b>	<b>\$103.41</b>	<b>\$86.58</b>	<b>\$93.69</b>	<b>\$102.59</b>	<b>\$163.68</b>	<b>\$759.19</b>	<b>\$2,902.13</b>
Seasonal COG Difference from previous year							-\$887.93							-\$446.46	-\$1,334.39
Seasonal Percent Change from previous year							-29.3%							-37.0%	-31.5%
<b>Total Bill</b>	<b>\$521</b>	<b>\$702</b>	<b>\$770</b>	<b>\$685</b>	<b>\$619</b>	<b>\$465</b>	<b>\$3,761</b>	<b>\$354</b>	<b>\$215</b>	<b>\$188</b>	<b>\$195</b>	<b>\$221</b>	<b>\$332</b>	<b>\$1,505</b>	<b>\$5,266</b>
Seasonal Total Bill Difference from previous year							-\$785.76							-\$417.90	-\$1,203.66
Seasonal Percent Change from previous year							-17.3%							-21.7%	-18.6%
Seasonal Percent Change resulting from Base Rates (inc. Def. Revenue Surch.)							2.2%							1.5%	2.0%
Seasonal Percent Change resulting from COG							-19.5%							-23.2%	-20.6%

New Hampshire Gas Corporation Historical COG Comparison - FPO vs. Non-FPO Price									
Winter Period	FPO Rate	Amount of Premium	Percent Participation (therms)	Actual FPO Volumes	Premium Revenue	Typical Residential FPO bill	Average Non-FPO Rate	Typical Residential Non-FPO bill	Cost/(Savings) to FPO Customers
2011-2012	\$2.2357	\$0.02	18.21%	152,560	\$3,051	\$2,084	\$2.1253	\$1,981	\$103
2010-2011	----- FPO not offered due to Selkirk terminal embargo -----								
2009-2010	\$1.3402	\$0.02	17.12%	163,486	\$3,270	\$2,256	\$1.4900	\$2,396	(\$140)
2008-2009	\$2.2408	\$0.02	21.08%	205,970	\$4,119	\$2,974	\$1.7347	\$2,492	\$482
2007-2008	\$1.5212	\$0.02	28.01%	266,419	\$5,328	\$2,288	\$1.7646	\$2,520	(\$232)
2006-2007	\$1.4741	\$0.02	21.86%	206,686	\$4,134	\$2,250	\$1.5397	\$2,313	(\$63)
2005-2006	\$1.5260	\$0.02	42.91%	348,849	\$6,977	\$2,248	\$1.3742	\$2,103	\$145
2004-2005	\$1.2323	n/a	39.44%	340,315	n/a	\$1,946	\$1.2647	\$1,976	(\$30)
2003-2004	\$0.8877	n/a	38.78%	316,300	n/a	\$1,580	\$1.0325	\$1,718	(\$138)
Average						\$2,203		\$2,187	\$16

## MONT BELVIEU PROPANE FUTURES - 09/18/12 CLOSE

## ClearPort › MONT BELVIEU LDH PROPANE Nov 2012 (E)



Free Currency Trading  
eBook From Forex.com

**0.88542 +**  
2012-09-18

## ClearPort › MONT BELVIEU LDH PROPANE Dec 2012 (E)



Free Currency Trading  
eBook From Forex.com

**0.89208 +**  
2012-09-18

## ClearPort › MONT BELVIEU LDH PROPANE Jan 2013 (E)



Free Currency Trading  
eBook From Forex.com

**0.90792 +**  
2012-09-18

## ClearPort › MONT BELVIEU LDH PROPANE Feb 2013 (E)



Free Currency Trading  
eBook From Forex.com

**0.90667 +**  
2012-09-18

## ClearPort › MONT BELVIEU LDH PROPANE Mar 2013 (E)



Free Currency Trading  
eBook From Forex.com

**0.88958 +**  
2012-09-18

## ClearPort › MONT BELVIEU LDH PROPANE Apr 2013 (E)



Free Currency Trading  
eBook From Forex.com

**0.87458 +**  
2012-09-18

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**RATES (In Cents-per-bbl.)**


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**ITEM NO. 135 Non-Incentive Rates for Propane (Gulf Coast Origins)**  
**[U] All rates in this item are unchanged unless otherwise indicated.**


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Destination	Origin	
	Arcadia (Bienville Parish, LA)	Mont Belvieu (Chambers Co., TX)
Arcadia (Bienville Parish, LA)	–	185.88
Calvert City (Marshall Co., KY)	–	346.11
Coshocton (Coshocton Co., OH)	377.62	403.40
Dexter (Stoddard Co., MO)	243.93	269.60
Du Bois (Clearfield Co., PA)	422.64 (1)	447.85 (1)
<del>[C] Eagle (Chester Co., PA)</del>	[C]	[C]
Finger Lakes (Schuyler Co., NY)	448.91	474.24
Florence Junction (Allegheny Co., PA)	–	384.24
Fontaine (Green Co., AR)	227.40	253.29
Greensburg (Westmoreland Co., PA)	397.44 (1)	422.64 (1)
Harford Mills (Cortland Co., NY)	452.26 (1)	477.66 (1)
Kingsland (Cleveland Co., AR)	201.89	214.82
Lebanon (Boone Co., IN)	292.07 (8)	317.96 (8)
Lima (Allen Co., OH)	314.54	340.57
North Little Rock (Pulaski Co., AR)	200.76	226.66
Oneonta (Otsego Co., NY)	490.93 (1)	516.14 (1)
Princeton (Gibson Co., IN)	319.99	346.11
Schaefferstown (Lebanon Co., PA)	457.10	482.80
Selkirk (Albany Co., NY)	523.58 (1)	548.79 (1)
Seymour (Jackson Co., IN)	276.39	302.13
Sinking Spring (Berks Co., PA)	457.10	482.80
Todhunter (Butler Co., OH)	335.69	361.47
<del>[C] Twin Oaks (Delaware Co., PA)</del>	[C]	[C]
Watkins Glen (Schuyler Co., NY)	427.91 (1)	453.24 (1)
West Memphis (Crittenden Co., AR)	–	269.60 (8)

**RATES (In Cents-per-bbl.)**

**ITEM NO. 135 Non-Incentive Rates for Propane ([W] ~~Gulf Coast Origins~~ Southern Segment Origins)**

Destination	Origin	
	Arcadia (Bienville Parish, LA)	Mont Belvieu (Chambers Co., TX)
<b>[N] ZONE 1</b>		
Lima (Allen Co., OH)	[C]	[I] 523.56
Todhunter (Butler Co., OH)	[I] 523.56	[I] 523.56
<b>[N] ZONE 2</b>		
Coshocton (Coshocton Co., OH)	[I] 711.65	[I] 711.65
Du Bois (Clearfield Co., PA)	[I] 711.65 (1)	[I] 711.65 (1)
Greensburg (Westmoreland Co., PA)	[I] 711.65 (1)	[I] 711.65 (1)
<b>[N] ZONE 3</b>		
Eagle (Chester Co., PA)	[I] 887.08	[I] 887.08
Schaefferstown (Lebanon Co., PA)	[C]	[I] 887.08
Sinking Spring (Berks Co., PA)	[C]	[I] 887.08
<del>[C] Twin Oaks (Delaware Co., PA)</del>	<del>[C]</del>	<del>[C]</del>
<b>[N] ZONE 4</b>		
Finger Lakes (Schuyler Co., NY)	[I] 953.37	[I] 953.37
Harford Mills (Cortland Co., NY)	[C] [C] (±)	[I] 932.37 (1)
Oneonta (Otsego Co., NY)	[C] [C] (±)	[I] 932.37 (1)
Selkirk (Albany Co., NY)	[C] [C] (±)	[I] 932.37 (1)
Watkins Glen (Schuyler Co., NY)	[I] 932.37 (1)	[I] 932.37 (1)
<b>[N] ZONE 5</b>		
Arcadia (Bienville Parish, LA)	--	[D] 162.88
Calvert City (Marshall Co., KY)	--	[D] 306.99
Dexter (Stoddard Co., MO)	[C]	[I] 269.46
<del>[C] Floreffe Junction (Allegheny Co., PA)</del>	<del>--</del>	<del>[C]</del>
Fontaine (Green Co., AR)	[C]	[I] 249.10
Kingsland (Cleveland Co., AR)	[C]	[D] 194.47
Lebanon (Boone Co., IN)	[C] [C] (±)	[I] 377.66 (8)
North Little Rock (Pulaski Co., AR)	[C]	[I] 213.36
Princeton (Gibson Co., IN)	[I] 324.25	[I] 324.25
Seymour (Jackson Co., IN)	[C]	[I] 353.29
West Memphis (Crittenden Co., AR)	--	[I] 249.97 (8)

**ENTERPRISE TE PRODUCTS PIPELINE CO. TARIFF RATES**  
**Rates per Gallon**

**FERC 54.20.0 - Effective July 21, 2012**

ITEM NO. 135 - Non-Incentive Rates for Propane (Gulf Coast Origins)

Destination		Origin Mount Belvieu ¢-per-bbl	gal-per-bbl	¢-per-gal
Selkirk (Albany Co., NY)	See page 29 of 33	548.8	42	0.1307

**FERC 54.15.0 - Effective November 16, 2012 (pending FERC approval)**

ITEM NO. 135 - Non-Incentive Rates for Propane (Southern Segment Origins)

Destination		Origin Mount Belvieu ¢-per-bbl	gal-per-bbl	¢-per-gal
Selkirk (Albany Co., NY)	See page 12 of 16	932.4	42	0.2220

**ITEM NO. 30 - December-through-February Charges**

If, during a single calendar month in the period December through February, Shipper receives deliveries at northeast terminals in excess of the total volume delivered to the same Shipper at such terminals during the preceding March-through-November period, a charge of thirty cents (30¢) per Barrel in addition to all other charges shall apply to such excess volume.

Destination		Origin Mount Belvieu ¢-per-bbl	gal-per-bbl	¢-per-gal
Selkirk (Albany Co., NY)		30.0	42	0.0071

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**From:** Deanna Delacruz [mailto:d.delacruz@northerngastransport.com]

**Sent:** Monday, September 17, 2012 05:27 PM

**Subject:** Fuel Surcharge email

Northern Gas Transport, Inc.  
Box 106  
Lyndonville, VT 05851-0106  
1-800-648-1075  
FAX: 802-626-5039

September 17, 2012

To: All Customers

**Re: Fuel Surcharge**

As of Monday, September 17, 2012 the Department of Energy New England average price per gallon of diesel fuel was \$4.215. All deliveries invoiced from Sunday, September 23, 2012 through Saturday, September 29, 2012 will be line item assessed at 32.5% fuel surcharge. Thank you and should you have any questions, please contact Susan Noyes at 1-800-648-1075 extension 223.

Best Regards,

Bruce Grant  
President/Owner

## Northern Gas Transport Inc. - Selkirk to Keene

Gallons	Base Rate	Base Charge	Fuel Surcharge Rate	Fuel Surcharge	Total Charge	Total Rate Per Gallon
9,200	\$0.0575	\$529.00	20.00%	\$105.80	\$634.80	\$0.0690
9,200	\$0.0575	\$529.00	20.50%	\$108.45	\$637.45	\$0.0693
9,200	\$0.0575	\$529.00	21.00%	\$111.09	\$640.09	\$0.0696
9,200	\$0.0575	\$529.00	21.50%	\$113.74	\$642.74	\$0.0699
9,200	\$0.0575	\$529.00	22.00%	\$116.38	\$645.38	\$0.0702
9,200	\$0.0575	\$529.00	22.50%	\$119.03	\$648.03	\$0.0704
9,200	\$0.0575	\$529.00	23.00%	\$121.67	\$650.67	\$0.0707
9,200	\$0.0575	\$529.00	23.50%	\$124.32	\$653.32	\$0.0710
9,200	\$0.0575	\$529.00	24.00%	\$126.96	\$655.96	\$0.0713
9,200	\$0.0575	\$529.00	24.50%	\$129.61	\$658.61	\$0.0716
9,200	\$0.0575	\$529.00	25.00%	\$132.25	\$661.25	\$0.0719
9,200	\$0.0575	\$529.00	25.50%	\$134.90	\$663.90	\$0.0722
9,200	\$0.0575	\$529.00	26.00%	\$137.54	\$666.54	\$0.0725
9,200	\$0.0575	\$529.00	26.50%	\$140.19	\$669.19	\$0.0727
9,200	\$0.0575	\$529.00	27.00%	\$142.83	\$671.83	\$0.0730
9,200	\$0.0575	\$529.00	27.50%	\$145.48	\$674.48	\$0.0733
9,200	\$0.0575	\$529.00	28.00%	\$148.12	\$677.12	\$0.0736
9,200	\$0.0575	\$529.00	28.50%	\$150.77	\$679.77	\$0.0739
9,200	\$0.0575	\$529.00	29.00%	\$153.41	\$682.41	\$0.0742
9,200	\$0.0575	\$529.00	29.50%	\$156.06	\$685.06	\$0.0745
9,200	\$0.0575	\$529.00	30.00%	\$158.70	\$687.70	\$0.0748
9,200	\$0.0575	\$529.00	30.50%	\$161.35	\$690.35	\$0.0750
9,200	\$0.0575	\$529.00	31.00%	\$163.99	\$692.99	\$0.0753
9,200	\$0.0575	\$529.00	31.50%	\$166.64	\$695.64	\$0.0756
9,200	\$0.0575	\$529.00	32.00%	\$169.28	\$698.28	\$0.0759
9,200	\$0.0575	\$529.00	32.50%	\$171.93	\$700.93	\$0.0762
9,200	\$0.0575	\$529.00	33.00%	\$174.57	\$703.57	\$0.0765
9,200	\$0.0575	\$529.00	33.50%	\$177.22	\$706.22	\$0.0768
9,200	\$0.0575	\$529.00	34.00%	\$179.86	\$708.86	\$0.0771
9,200	\$0.0575	\$529.00	34.50%	\$182.51	\$711.51	\$0.0773
9,200	\$0.0575	\$529.00	35.00%	\$185.15	\$714.15	\$0.0776
9,200	\$0.0575	\$529.00	35.50%	\$187.80	\$716.80	\$0.0779
9,200	\$0.0575	\$529.00	36.00%	\$190.44	\$719.44	\$0.0782
9,200	\$0.0575	\$529.00	36.50%	\$193.09	\$722.09	\$0.0785
9,200	\$0.0575	\$529.00	37.00%	\$195.73	\$724.73	\$0.0788
9,200	\$0.0575	\$529.00	37.50%	\$198.38	\$727.38	\$0.0791
9,200	\$0.0575	\$529.00	38.00%	\$201.02	\$730.02	\$0.0794
9,200	\$0.0575	\$529.00	38.50%	\$203.67	\$732.67	\$0.0796
9,200	\$0.0575	\$529.00	39.00%	\$206.31	\$735.31	\$0.0799
9,200	\$0.0575	\$529.00	39.50%	\$208.96	\$737.96	\$0.0802
9,200	\$0.0575	\$529.00	40.00%	\$211.60	\$740.60	\$0.0805

New Hampshire Gas Corporation  
 Deferred Revenue Surcharge Calculation  
 DG 09-038

APPENDIX 4

<u>Year 1</u>	<u>Nov-09</u>	<u>Dec-09</u>	<u>Jan-10</u>	<u>Feb-10</u>	<u>Mar-10</u>	<u>Apr-10</u>	<u>May-10</u>	<u>Jun-10</u>	<u>Jul-10</u>	<u>Aug-10</u>	<u>Sep-10</u>	<u>Oct-10</u>	<u>Total</u>	<u>Billed Rate</u>	<u>Max Rate</u>	<u>Deferred Rate</u>	<u>Deferred Revenue</u>
Residential Customers	800	811	812	823	819	811	801	739	752	743	756	770	9,437	\$8.20	\$9.00	\$0.80	\$7,550
Commercial Customers	330	339	341	333	318	342	341	344	347	339	340	344	4,058	\$16.40	\$18.00	\$1.60	\$6,493
1-80 Therm Block Sales	34,079	41,944	57,937	55,014	51,258	43,816	30,878	19,129	14,835	12,870	13,387	16,458	391,605	\$1.0694	\$1.1522	\$0.0828	\$32,425
81-199 Therm Block Sales	11,955	16,111	41,584	35,007	28,478	17,950	9,872	6,214	5,428	5,272	5,312	5,856	189,039	\$0.8614	\$0.9442	\$0.0828	\$15,652
200+ Therms Block Sales	42,922	49,750	142,508	118,887	100,012	64,913	34,312	21,238	19,513	17,700	17,347	21,666	650,768	\$0.7118	\$0.7946	\$0.0828	\$53,884
<b>Deferred Revenue - Year 1 (Nov. 1, 2009 - Oct. 31, 2010)</b>																	<b>\$116,004</b>
<u>Year 2</u>	<u>Nov-10</u>	<u>Dec-10</u>	<u>Jan-11</u>	<u>Feb-11</u>	<u>Mar-11</u>	<u>Apr-11</u>	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>	<u>Billed Rate</u>	<u>Max Rate</u>	<u>Deferred Rate</u>	<u>Deferred Revenue</u>
Residential Customers	800	808	815	809	813	809	780	736	741	738	768	772	9,389	\$8.60	\$9.00	\$0.40	\$3,756
Commercial Customers	347	358	364	367	371	367	359	363	361	357	354	351	4,319	\$17.20	\$18.00	\$0.80	\$3,455
1-80 Therm Block Sales	32,717	46,097	56,731	56,611	53,736	51,117	33,502	19,387	15,578	13,140	14,454	17,112	410,182	\$1.1108	\$1.1522	\$0.0414	\$16,982
81-199 Therm Block Sales	11,305	20,559	38,053	40,840	32,808	26,817	11,508	6,636	5,941	5,653	5,834	6,003	211,957	\$0.9028	\$0.9442	\$0.0414	\$8,775
200+ Therms Block Sales	37,112	63,626	128,291	131,690	107,428	87,605	42,740	23,320	24,227	21,839	24,046	23,402	715,326	\$0.7532	\$0.7946	\$0.0414	\$29,614
<b>Deferred Revenue - Year 2 (Nov. 1, 2010 - Oct. 31, 2011)</b>																	<b>\$62,582</b>
<b>Deferred Revenue - Total</b>																	<b>\$178,586</b>
<b>Deferred Revenue to be Collected Nov. 1, 2012 - Oct. 31, 2013 (one-half of Deferred Revenue Total)</b>																	<b>\$89,293</b>
<b>Therm Sales Forecast - Nov. 1, 2012 - Oct. 31, 2013</b>																	<b>1,247,331</b>
<b>Deferred Revenue Surcharge Rate - Nov. 1, 2012 - Oct. 31, 2013</b>																	<b>\$0.0716</b>

Residential Heating Customers

Typical Therm Usage - Winter Period	932
Bill Impact (\$) - Winter 2012-2013 (Non-FPO)	\$66.73
Bill Impact (%) - Winter 2012-2013 (Non-FPO)	2.7%
Typical Therm Usage - Summer Period	318
Bill Impact (\$) - Summer Period	\$22.77
Bill Impact (%) - Summer Period	2.7%