

NEW HAMPSHIRE GAS CORPORATION
COST OF GAS RATE FILING - DG 13-_____

SUMMER PERIOD 2013

ORIGINAL FILING

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New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

Period Covered: Summer Period May 1, 2013 through October 31, 2013

Projected Gas Sales - therms		313,968
Total Anticipated Cost of Propane Sendout		\$472,652
Add: Prior Period Deficiency Uncollected Interest		\$0
		\$0
Deduct: Prior Period Excess Collected Interest		(\$4,314)
		<u>(\$787)</u>
Prior Period Adjustments and Interest		(\$5,101)
Total Anticipated Cost		<u>\$467,551</u>
Cost of Gas Rate - Beginning Period (per therm)		<u><u>\$1.4892</u></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 (per therm)	<u><u>\$1.8615</u></u>
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Issued: April __, 2013
 Effective: May 1, 2013

Issued By: _____
 Michael D. Eastman
 Treasurer

In Compliance with DG 13-____, Order No. _____

New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

Period Covered: ~~Summer Period May 1, 2012 through October 31, 2012~~
Summer Period May 1, 2013 through October 31, 2013

Projected Gas Sales - therms	320,321	313,968
Total Anticipated Cost of Propane Sendout	\$589,800	\$472,652
Add: Prior Period Deficiency Uncollected Interest	(\$15,719) (\$1,213)	\$0 \$0
Deduct: Prior Period Excess Collected Interest	\$0 \$0	(\$4,314) (\$787)
Prior Period Adjustments and Interest	(\$16,932)	(\$5,101)
Total Anticipated Cost	\$572,868	\$467,551
Cost of Gas Rate - Beginning Period (per therm)	\$1.7884	<u>\$1.4892</u>
Mid-Period Adjustment - June 1, 2012	(\$0.5117)	
Mid-Period Adjustment - July 1, 2012	(\$0.0742)	
Mid-Period Adjustment - August 1, 2012	\$0.0988	
Mid-Period Adjustment - September 1, 2012	(\$0.1486)	
Revised Cost of Gas Rate - Effective September 1, 2012 (per therm)	<u>\$1.1527</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 (per therm)	\$2.2355	<u>\$1.8615</u>
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Issued: ~~August 27, 2012~~ April __, 2013
Effective: ~~September 1, 2012~~ May 1, 2013

Issued By: _____
Michael D. Eastman
Treasurer

In Compliance with DG 12-071, Order No. 25,353
In Compliance with DG 13-____, Order No. _____

NEW HAMPSHIRE GAS CORPORATION
 CONVERSION OF GAS COSTS - GALLONS TO THERMS
 SUMMER PERIOD 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	365,954	334,855	\$1.2916	\$1.4115

NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS RATE
SUPPLY / DEMAND BALANCE
SUMMER PERIOD 2013

	PRIOR	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	OCT-13	TOTAL
<u>SENDOUT (THERMS)</u>								
1	FIRM SENDOUT *	60,687	45,278	41,227	42,471	49,476	81,807	320,946
2	COMPANY USE	2,378	2,261	2,010	2,124	2,310	2,826	13,909
3	TOTAL SENDOUT	63,065	47,539	43,237	44,595	51,786	84,633	334,855
4	* UNACCTED FOR VOLS INCLUDED	678	506	461	475	553	914	3,586
<u>COSTS</u>								
5	PROPANE SENDOUT FROM ABOVE	63,065	47,539	43,237	44,595	51,786	84,633	334,855
6	COST/THERM FROM SCHEDULE D	\$1.4231	\$1.4054	\$1.3994	\$1.4012	\$1.4102	\$1.4186	\$1.4115
7	TOTAL PROPANE COSTS	\$89,750	\$66,812	\$60,508	\$62,487	\$73,031	\$120,064	\$472,652
<u>REVENUES</u>								
8	FIRM SALES (THERMS)	83,341	57,076	42,904	38,977	44,362	47,308	313,968
9	RATE/THERM PER TARIFF	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892
10	TOTAL REVENUES	\$124,109	\$84,996	\$63,891	\$58,043	\$66,062	\$70,450	\$467,551
11	(OVER)/UNDER COLLECTION	(\$34,359)	(\$18,184)	(\$3,383)	\$4,444	\$6,969	\$49,614	\$5,101
12	INTEREST FROM SCHEDULE F	(\$58)	(\$130)	(\$159)	(\$158)	(\$143)	(\$67)	(\$715)
13	FINAL (OVER)/UNDER COLLECTION	(\$4,386)	(\$34,417)	(\$18,314)	(\$3,542)	\$4,286	\$49,547	\$0

NEW HAMPSHIRE GAS CORPORATION
 PROPANE SPOT MARKET PURCHASE COST ANALYSIS
 SUMMER PERIOD 2013

		(1) Mt. Belvieu ¹		(2) Broker Fee		(3) Pipeline Rate ²		(4) PERC Fee		(5) Supplier Charge		(6) Cost @ Selkirk		(7) Trucking to Keene ³		(8) \$ per Gal.		(9) \$ per Therm
1	MAY	0.8729	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.1889	+	0.0762	=	1.2651	=	1.3826
2	JUN	0.8783	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.1943	+	0.0762	=	1.2705	=	1.3885
3	JUL	0.8842	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2002	+	0.0762	=	1.2764	=	1.3949
4	AUG	0.8908	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2068	+	0.0762	=	1.2830	=	1.4022
5	SEP	0.9021	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2181	+	0.0762	=	1.2943	=	1.4145
6	OCT	0.9100	+	0.0100	+	0.2220	+	0.0040	+	0.0800	=	1.2260	+	0.0762	=	1.3022	=	1.4231

1. Propane futures market quotations (cmgroup.com) on 03/11/13 close. See Appendix 1.

2. Enterprise TE Products Pipeline Co., FERC tariff 54.21.0 effective 11/16/12. See Appendix 2A & 2B.

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
SUMMER PERIOD 2013

LINE NO.

LINE NO.		Therms	Cost	Rate					
				Therm	Gal.				
1	February 2013 (Actual)								
2	Beginning Balance	51,075	\$74,313	\$1.4550	\$1.3313				
3	Purchases Received	229,589	\$350,065	\$1.5248	\$1.3952				
4	Total Available	280,663	\$424,378	\$1.5121	\$1.3836				
5	Less Sendout	210,714	\$318,612	\$1.5121	\$1.3836				
6	Ending Balance	69,949	\$105,766	\$1.5121	\$1.3836				
7	March 2013 (Estimated)								
8	Beginning Balance	69,949	\$105,766	\$1.5121	\$1.3836				
9	Purchases Received	141,416	\$207,849	\$1.4698	\$1.3449				
10	Total Available	211,365	\$313,615	\$1.4838	\$1.3577				
11	Less Sendout	155,141	\$230,192	\$1.4838	\$1.3577				
12	Ending Balance	56,224	\$83,423	\$1.4838	\$1.3577				
13	April 2013 (Estimated)								
14	Beginning Balance	56,224	\$83,423	\$1.4838	\$1.3577				
15	Purchases Received	83,700	\$122,462	\$1.4631	\$1.3388				
16	Total Available	139,924	\$205,885	\$1.4714	\$1.3464				
17	Less Sendout	93,765	\$137,967	\$1.4714	\$1.3464				
18	Ending Balance	46,159	\$67,918	\$1.4714	\$1.3464				
19	May 2013 (Forecasted)								
20	Beginning Balance	46,159	\$67,918	\$1.4714	\$1.3464				
21	Purchases Received	55,000	\$76,044	\$1.3826	\$1.2651				
22	Total Available	101,159	\$143,962	\$1.4231	\$1.3022				
23	Less Sendout	63,065	\$89,750	\$1.4231	\$1.3022	63,065	\$89,750		
24	Ending Balance	38,094	\$54,212	\$1.4231	\$1.3022				
25	June 2013 (Forecasted)								
26	Beginning Balance	38,094	\$54,212	\$1.4231	\$1.3022				
27	Purchases Received	40,000	\$55,541	\$1.3885	\$1.2705				
28	Total Available	78,094	\$109,753	\$1.4054	\$1.2860				
29	Less Sendout	47,539	\$66,812	\$1.4054	\$1.2860	47,539	\$66,812		
30	Ending Balance	30,555	\$42,941	\$1.4054	\$1.2860				
31	July 2013 (Forecasted)								
32	Beginning Balance	30,555	\$42,941	\$1.4054	\$1.2860				
33	Purchases Received	40,000	\$55,796	\$1.3949	\$1.2764				
34	Total Available	70,555	\$98,737	\$1.3994	\$1.2805				
35	Less Sendout	43,237	\$60,508	\$1.3994	\$1.2805	43,237	\$60,508		
36	Ending Balance	27,318	\$38,229	\$1.3994	\$1.2805				
37	August 2013 (Forecasted)								
38	Beginning Balance	27,318	\$38,229	\$1.3994	\$1.2805				
39	Purchases Received	50,000	\$70,109	\$1.4022	\$1.2830				
40	Total Available	77,318	\$108,338	\$1.4012	\$1.2821				
41	Less Sendout	44,595	\$62,487	\$1.4012	\$1.2821	44,595	\$62,487		
42	Ending Balance	32,723	\$45,851	\$1.4012	\$1.2821				
43	September 2013 (Forecasted)								
44	Beginning Balance	32,723	\$45,851	\$1.4012	\$1.2821				
45	Purchases Received	70,000	\$99,014	\$1.4145	\$1.2943				
46	Total Available	102,723	\$144,865	\$1.4103	\$1.2904				
47	Less Sendout	51,786	\$73,031	\$1.4102	\$1.2904	51,786	\$73,031		
48	Ending Balance	50,937	\$71,834	\$1.4103	\$1.2904				
49	October 2013 (Forecasted)								
50	Beginning Balance	50,937	\$71,834	\$1.4103	\$1.2904				
51	Purchases Received	95,000	\$135,198	\$1.4231	\$1.3022				
52	Total Available	145,937	\$207,032	\$1.4186	\$1.2981				
53	Less Sendout	84,633	\$120,064	\$1.4186	\$1.2981	84,633	\$120,064		
54	Ending Balance	61,304	\$86,968	\$1.4186	\$1.2981				
55	AVERAGE SUMMER RATE - SENDOUT						\$1.4115	334,855	\$472,652

NEW HAMPSHIRE GAS CORPORATION
 PRIOR PERIOD (OVER)/UNDER COLLECTION
 SUMMER PERIOD 2012

	<u>PRIOR</u>	<u>MAY-12</u>	<u>JUN-12</u>	<u>JUL-12</u>	<u>AUG-12</u>	<u>SEP-12</u>	<u>OCT-12</u>	<u>TOTAL</u>
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		53,157	45,035	40,766	41,996	49,758	72,712	303,425
2 COMPANY USE (therms)		2,378	2,261	2,010	2,124	2,310	2,826	13,909
3 TOTAL SENDOUT (therms)		55,535	47,296	42,776	44,120	52,068	75,538	317,334
4 COST PER THERM		\$1.5746	\$1.3988	\$1.2747	\$1.2550	\$1.2440	\$1.3128	\$1.3470
5 TOTAL PROPANE COSTS		\$87,446	\$66,157	\$54,526	\$55,373	\$64,770	\$99,166	\$427,438
<u>REVENUES</u>								
6 FIRM SALES (therms)		78,633	51,762	42,960	38,977	44,362	47,423	304,117
7 RATE PER THERM		\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3643
8 TOTAL REVENUES		\$140,627	\$66,084	\$51,661	\$50,720	\$51,135	\$54,665	\$414,892
<hr/>								
9 (OVER)/UNDER COLLECTION		(\$53,181)	\$72	\$2,865	\$4,653	\$13,635	\$44,501	\$12,545
10 INTEREST AMOUNT		(\$115)	(\$188)	(\$184)	(\$174)	(\$150)	(\$72)	(\$883)
11 TOTAL (OVER)/UNDER COLLECTION	(\$15,976)	(\$53,297)	(\$115)	\$2,681	\$4,479	\$13,485	\$44,429	(\$4,314)

NEW HAMPSHIRE GAS CORPORATION

INTEREST CALCULATION
SUMMER PERIOD 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	NOV 2012	(\$4,314)	\$0	\$0	(\$4,314)	(\$4,314)	3.25%	(\$12)	(\$4,326)
2	DEC	(4,326)	0	0	(4,326)	(4,326)	3.25%	(12)	(4,338)
3	JAN 2013	(4,338)	0	0	(4,338)	(4,338)	3.25%	(12)	(4,350)
4	FEB	(4,350)	0	0	(4,350)	(4,350)	3.25%	(12)	(4,362)
5	MAR	(4,362)	0	0	(4,362)	(4,362)	3.25%	(12)	(4,374)
6	APR	(4,374)	0	0	(4,374)	(4,374)	3.25%	(12)	(4,386)
7	MAY	(4,386)	(34,359)	0	(38,745)	(21,566)	3.25%	(58)	(38,803)
8	JUN	(38,803)	(18,184)	0	(56,987)	(47,895)	3.25%	(130)	(57,117)
9	JUL	(57,117)	(3,383)	0	(60,500)	(58,809)	3.25%	(159)	(60,659)
10	AUG	(60,659)	4,444	0	(56,215)	(58,437)	3.25%	(158)	(56,373)
11	SEP	(56,373)	6,969	0	(49,404)	(52,889)	3.25%	(143)	(49,547)
12	OCT	(49,547)	49,614	0	67	(24,740)	3.25%	(67)	0
13									
14								<u>(\$787)</u>	

15 PRIOR PERIOD BEG. BALANCE w/INTEREST @ MAY 1, 2013 =

16 PRIOR PERIOD BEG. BAL. @ NOV 1, 2012 + INTEREST AMOUNT FOR NOV 2012 - APR 2013:

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

18 = (4,314) + (72) = (4,386) @ MAY 1, 2013
(TRANSFER TO SCHEDULE B, LINE 13)

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)
May-12	55,535	43,448	12,087	187	293	(106)	64.64	6,851	18,938	62,387	2,378	678	60,687
Jun-12	47,296	43,448	3,847	88	82	6	43.72	(262)	3,585	47,033	2,261	506	45,278
Jul-12	42,776	43,448	0	1	15	(14)	0.00	0	0	42,776	2,010	461	41,227
Aug-12	44,120	43,448	0	5	29	(24)	0.00	0	0	44,120	2,124	475	42,471
Sep-12	52,068	43,448	8,620	196	177	19	43.98	(836)	7,784	51,233	2,310	553	49,476
Oct-12	75,538	43,448	32,089	404	507	(103)	79.43	8,181	40,270	83,719	2,826	914	81,807
Total	317,334	260,690	56,643	881	1,103	(222)		13,935	70,578	331,268	13,909	3,586	320,946

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) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
May-12	790	17,970	6,535	11,435	473	536	(63)	24.18	1,523	12,958	19,493
Jun-12	733	10,096	6,535	3,561	172	261	(89)	20.70	1,843	5,404	11,939
Jul-12	743	7,498	6,535	963	74	71	3	13.01	(39)	924	7,459
Aug-12	734	6,218	6,535	0	2	17	(15)	0.00	0	0	6,218
Sep-12	748	6,852	6,535	0	40	56	(16)	0.00	0	0	6,852
Oct-12	755	8,378	6,535	1,843	228	227	1	8.08	(8)	1,835	8,370
Total		57,012	39,210	17,802	989	1,168	(179)	18.54	3,319	21,121	60,331

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) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
May-12	375	60,663	35,135	25,529	489	550	(61)	52.21	3,185	28,713	63,848
Jun-12	382	41,666	35,135	6,532	175	268	(93)	37.32	3,471	10,003	45,137
Jul-12	386	35,462	35,135	328	78	74	4	4.20	(17)	311	35,445
Aug-12	388	32,759	35,135	0	2	17	(15)	0.00	0	0	32,759
Sep-12	394	37,510	35,135	0	32	50	(18)	0.00	0	0	37,510
Oct-12	365	39,045	35,135	3,911	220	214	6	17.78	(107)	3,804	38,938
Total		247,105	210,807	36,298	996	1,173	(177)	36.90	6,532	42,830	253,637

Summary - Total Summer Season Billed Sales

	Actual 2012	Normalized
May	78,633	83,341
June	51,762	57,076
July	42,960	42,904
August	38,977	38,977
September	44,362	44,362
October	47,423	47,308
Total	304,117	313,968

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

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
12 MONTHS ENDED 10/2012	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
Residential Heating															
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:															
First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$553.08	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97
Next 120 therms @	\$0.9442	\$0.9442	\$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	\$0.7946	\$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
Base Delivery Revenue Total	\$128.56	\$167.27	\$202.21	\$203.15	\$182.38	\$150.28	\$1,033.85	\$110.62	\$72.37	\$43.57	\$43.57	\$57.39	\$90.81	\$418.33	\$1,452.18
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		
Deferred Revenue Surcharge Total	\$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
COG Rates	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3728	
Cost of Gas Total	\$243.69	\$335.36	\$418.08	\$420.31	\$371.13	\$295.11	\$2,083.68	\$160.96	\$70.22	\$36.08	\$39.04	\$48.41	\$81.84	\$436.55	\$2,520.23
Total Bill	\$372	\$503	\$620	\$623	\$554	\$445	\$3,118	\$272	\$143	\$80	\$83	\$106	\$173	\$855	\$3,972
12 MONTHS ENDED 10/2013	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Winter Nov-Apr	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
Residential Heating															
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:															
First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$553.08	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97
Next 120 therms @	\$0.9442	\$0.9442	\$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	\$0.7946	\$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
Base Delivery Revenue Total	\$128.56	\$167.27	\$202.21	\$203.15	\$182.38	\$150.28	\$1,033.85	\$110.62	\$72.37	\$43.57	\$43.57	\$57.39	\$90.81	\$418.33	\$1,452.18
Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
Deferred Revenue Surcharge Rate	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		
Deferred Revenue Surcharge Total	\$7.80	\$10.74	\$13.39	\$13.46	\$11.89	\$9.45	\$66.73	\$6.44	\$3.94	\$2.15	\$2.15	\$3.01	\$5.08	\$22.77	\$89.50
COG Rates	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.5217	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	
Cost of Gas Total	\$165.87	\$228.26	\$284.56	\$286.08	\$252.60	\$200.86	\$1,418.23	\$134.03	\$81.91	\$44.68	\$44.68	\$62.55	\$105.73	\$473.58	\$1,891.81
Seasonal COG Difference from previous year							-\$665.45							\$37.03	-\$628.42
Seasonal Percent Change from previous year							-31.9%							8.5%	-24.9%
Total Bill	\$302	\$406	\$500	\$503	\$447	\$361	\$2,519	\$251	\$158	\$90	\$90	\$123	\$202	\$915	\$3,433
Seasonal Total Bill Difference from previous year							-\$598.72							\$59.80	-\$538.92
Seasonal Percent Change from previous year							-19.2%							7.0%	-13.6%
Seasonal Percent Change resulting from Base Rates (inc. Def. Revenue Surch.)							2.1%							2.7%	2.3%
Seasonal Percent Change resulting from COG							-21.3%							4.3%	-15.8%

(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 2013 Summer Period vs. Actual 2012 Summer Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
12 MONTHS ENDED 10/2012	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
Residential Heating															
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:															
First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$553.08	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97
Next 120 therms @	\$0.9442	\$0.9442	\$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	\$0.7946	\$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
Base Delivery Revenue Total	\$128.56	\$167.27	\$202.21	\$203.15	\$182.38	\$150.28	\$1,033.85	\$110.62	\$72.37	\$43.57	\$43.57	\$57.39	\$90.81	\$418.33	\$1,452.18
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		
Deferred Revenue Surcharge Total	\$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
COG Rates	\$2.1678	\$2.0920	\$2.0920	\$2.0920	\$2.1684	\$2.1684	\$2.1253	\$1.7884	\$1.2767	\$1.2025	\$1.3013	\$1.1527	\$1.1527	\$1.3728	
Cost of Gas Total	\$236.29	\$313.80	\$391.20	\$393.30	\$359.95	\$286.23	\$1,980.77	\$160.96	\$70.22	\$36.08	\$39.04	\$48.41	\$81.84	\$436.55	\$2,417.32
Total Bill	\$365	\$481	\$593	\$596	\$542	\$437	\$3,015	\$272	\$143	\$80	\$83	\$106	\$173	\$855	\$3,870
12 MONTHS ENDED 10/2013	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Winter Nov-Apr	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
Residential Heating															
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:															
First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$553.08	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97
Next 120 therms @	\$0.9442	\$0.9442	\$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	\$0.7946	\$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
Base Delivery Revenue Total	\$128.56	\$167.27	\$202.21	\$203.15	\$182.38	\$150.28	\$1,033.85	\$110.62	\$72.37	\$43.57	\$43.57	\$57.39	\$90.81	\$418.33	\$1,452.18
Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
Deferred Revenue Surcharge Rate	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		
Deferred Revenue Surcharge Total	\$7.80	\$10.74	\$13.39	\$13.46	\$11.89	\$9.45	\$66.73	\$6.44	\$3.94	\$2.15	\$2.15	\$3.01	\$5.08	\$22.77	\$89.50
COG Rates	\$1.5017	\$1.5017	\$1.4474	\$1.4474	\$1.5630	\$1.5630	\$1.4995	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	\$1.4892	
Cost of Gas Total	\$163.69	\$225.26	\$270.66	\$272.11	\$259.46	\$206.32	\$1,397.50	\$134.03	\$81.91	\$44.68	\$44.68	\$62.55	\$105.73	\$473.58	\$1,871.08
Seasonal COG Difference from previous year							-\$583.27							\$37.03	-\$546.24
Seasonal Percent Change from previous year							-29.4%							8.5%	-22.6%
Total Bill	\$300	\$403	\$486	\$489	\$454	\$366	\$2,498	\$251	\$158	\$90	\$90	\$123	\$202	\$915	\$3,413
Seasonal Total Bill Difference from previous year							-\$516.54							\$59.80	-\$456.74
Seasonal Percent Change from previous year							-17.1%							7.0%	-11.8%
Seasonal Percent Change resulting from Base Rates (inc. Def. Revenue Surch.)							2.2%							2.7%	2.3%
Seasonal Percent Change resulting from COG							-19.3%							4.3%	-14.1%

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

NEW HAMPSHIRE GAS CORPORATION
 PREMIUM FOR PRE-PURCHASED GALLONS - PRIOR YEAR

	Mt. Belvieu Price		Pipeline Rate		Broker Fee		PERC		Trucking		NHGC Price	Contract Volumes	NHGC Cost	Plan Price	Contract Volumes	Plan Cost	Cost Premium	Per Gallon Premium
April '12	\$1.0665	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0762	=	\$1.2770	140,000	\$178,780	\$1.3690	140,000	\$191,660	\$12,880	\$0.0920
May '12	\$0.9125	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0762	=	\$1.1230	105,000	\$117,915	\$1.2150	105,000	\$127,575	\$9,660	\$0.0920
June '12	\$0.8975	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0762	=	\$1.1080	105,000	\$116,340	\$1.2000	105,000	\$126,000	\$9,660	\$0.0920
July '12	\$1.0045	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0762	=	\$1.2150	140,000	\$170,100	\$1.3070	140,000	\$182,980	\$12,880	\$0.0920
August '12	\$0.9775	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0762	=	\$1.1880	105,000	\$124,740	\$1.2800	105,000	\$134,400	\$9,660	\$0.0920
September '12	\$1.0435	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0762	=	\$1.2540	105,000	\$131,670	\$1.3460	105,000	\$141,330	\$9,660	\$0.0920
Total												700,000	\$839,545		700,000	\$903,945	\$64,400	\$0.0920

NEW HAMPSHIRE GAS CORPORATION

COMPARISON OF CONTRACT COST TO HYPOTHETICAL SPOT COST
WINTER SEASON 2012-2013 TO DATE

Delivery Month	Contract Price (1)	Contract Volumes (2)	Contract Cost (3)	Average Spot Price (4)	Contract Volumes (5)	Hypothetical Spot Cost (6)	Incremental Cost / (Savings) of Plan (7)
			(1) x (2)			(4) x (5)	(3) - (6)
Nov-12	\$1.3110	90,000	\$117,991	\$1.2586	90,000	\$113,272	\$4,719
Dec-12	\$1.3830	140,000	\$193,620	\$1.2659	140,000	\$177,230	\$16,390
Jan-13	\$1.3830	160,000	\$221,280	\$1.2547	160,000	\$200,753	\$20,527
Feb-13	\$1.3830	140,000	\$193,620	\$1.4012	140,000	\$196,164	(\$2,544)
Total			\$726,511			\$687,419	\$39,092

5.7%

Note: The November contract price is the weighted average of the price before and after the TEPPCO pipeline rate increase.

NEW HAMPSHIRE GAS CORPORATION
 PROPANE PURCHASING STABILIZATION PLAN
 PRE-PURCHASES AND DELIVERY SCHEDULE - PER RFP ISSUED 02/27/13

Delivery Month	Pre-Purchases (Gallons)						
	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total
Nov-13	18,000	13,500	13,500	18,000	13,500	13,500	90,000
Dec-13	28,000	21,000	21,000	28,000	21,000	21,000	140,000
Jan-14	32,000	24,000	24,000	32,000	24,000	24,000	160,000
Feb-14	28,000	21,000	21,000	28,000	21,000	21,000	140,000
Mar-14	22,000	16,500	16,500	22,000	16,500	16,500	110,000
Apr-14	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%	

The monthly and total volume of pre-purchases in Apr13 - Sep13 is unchanged from Apr12 - Sep12 schedule.
 The monthly deliveries in Nov13 - Apr14 are unchanged from the actual schedule in the current winter period.

MONT BELVIEU PROPANE FUTURES - 03/11/13 CLOSE



CME Group » Energy » Mont Belvieu LDH Propane (OPIS)

Energy Products

Mont Belvieu LDH Propane (OPIS) Futures

[Quotes](#)
[Time & Sales](#)
[Volume](#)
[Settlements](#)

Futures | Options

Trade Date

Monday, March 11 2013

Daily Settlements for Mont Belvieu LDH Propane (OPIS) Future Futures (FINAL)

Month	Open	High	Low	Last	Change	Settle
MAR 13	-	-	-	-	+ .00217	.86110
APR 13	-	-	-	-	+ .00333	.86833
MAY 13	-	-	-	-	+ .00292	.87292
JUN 13	-	-	-	-	+ .00291	.87833
JLY 13	-	-	-	-	+ .00292	.88417
AUG 13	-	-	-	-	+ .00291	.89083
SEP 13	-	-	-	-	+ .00291	.90208
OCT 13	-	-	-	-	+ .00250	.91000

ENTERPRISE TE PRODUCTS PIPELINE FERC TARIFF 54.21.0 - EFFECTIVE 11/16/12

RATES (In Cents-per-bbl.)			
[U] All rates are unchanged.			
ITEM NO. 135 Non-Incentive Rates for Propane (Southern Segment Origins)			
Destination	Origin		
	Arcadia (Bienville Parish, LA)	Mont Belvieu (Chambers Co., TX)	
<u>ZONE 1</u>			
Lima (Allen Co., OH)	--	523.56	
Todhunter (Butler Co., OH)	523.56	523.56	
<u>ZONE 2</u>			
Coshocton (Coshocton Co., OH)	711.65	711.65	
Du Bois (Clearfield Co., PA)	711.65 (1)	711.65 (1)	
Greensburg (Westmoreland Co., PA)	711.65 (1)	711.65 (1)	
<u>ZONE 3</u>			
Schaefferstown (Lebanon Co., PA)	--	887.08	
Sinking Spring (Berks Co., PA)	--	887.08	
<u>ZONE 4</u>			
Finger Lakes (Schuyler Co., NY)	953.37	953.37	
Harford Mills (Cortland Co., NY)	--	932.37 (1)	
Oneonta (Otsego Co., NY)	--	932.37 (1)	
Selkirk (Albany Co., NY)	--	932.37 (1)	
Watkins Glen (Schuyler Co., NY)	932.37 (1)	932.37 (1)	
<u>ZONE 5</u>			
Arcadia (Bienville Parish, LA)	--	162.88	
Calvert City (Marshall Co., KY)	--	306.99	
Dexter (Stoddard Co., MO)	--	269.46	
Fontaine (Green Co., AR)	--	249.10	
Kingsland (Cleveland Co., AR)	--	194.47	
Lebanon (Boone Co., IN)	--	377.66 (8)	
North Little Rock (Pulaski Co., AR)	--	213.36	
Princeton (Gibson Co., IN)	324.25	324.25	
Seymour (Jackson Co., IN)	--	353.29	
West Memphis (Crittenden Co., AR)	--	249.97 (8)	

ENTERPRISE TE PRODUCTS PIPELINE CO. TARIFF RATES

Effective November 16, 2012

FERC 54.21.0

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

Destination		Origin Mount Belvieu ¢-per-bbl	gal-per-bbl	fee-per-gal
Selkirk (Albany Co., NY)	<i>See page 11 of 32</i>	932.37	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	fee-per-gal
Selkirk (Albany Co., NY)	<i>See page 5 of 32</i>	30.0	42	0.0071

From: Maisie Gilman [mailto:m.gilman@northerngastransport.com]
Sent: Tuesday, March 12, 2013 09:10 AM
Subject: Fuel Surcharge email

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

March 12, 2013

To: All Customers

Re: Fuel Surcharge

As of Monday, March 11th, 2013 the Department of Energy New England average price per gallon of diesel fuel was \$4.243. All deliveries invoiced from Sunday, March 17th, 2013 through Saturday, March 23th, 2013 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	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