

NEW HAMPSHIRE GAS CORPORATION  
COST OF GAS RATE FILING - DG 12-\_\_\_\_\_

SUMMER PERIOD 2012

ORIGINAL FILING

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New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

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

Projected Gas Sales - therms		320,321
Total Anticipated Cost of Propane Sendout		\$589,800
Add: Prior Period Deficiency Uncollected Interest	(\$15,719) (\$1,213)	
Deduct: Prior Period Excess Collected Interest	\$0 \$0	
Prior Period Adjustments and Interest		(\$16,932)
Total Anticipated Cost		<u>\$572,868</u>
Cost of Gas Rate - Beginning Period (per therm)		<u><u>\$1.7884</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>\$2.2355</u></u>
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Issued: April \_\_, 2012

Issued By: \_\_\_\_\_

Effective: May 1, 2012

Michael D. Eastman  
 Treasurer

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

New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

Period Covered: ~~Summer Period May 1, 2011 through October 31, 2011~~  
 Summer Period May 1, 2012 through October 31, 2012

Projected Gas Sales - therms 320,321

<u>Total Anticipated Cost</u>		<u>Cost/</u>	
	<u>Therms</u>	<u>Therm</u>	
Propane-	<del>321,271</del>	\$1.7807	\$572,103
Total Anticipated Cost of Propane Sendout			\$589,800

Add:	Prior Period (Deficiency Uncollected)	\$10,753	(\$15,719)
	Interest	(\$729)	(\$1,213)

Deduct:	Prior Period (Excess Collected)	\$0	\$0
	Interest	\$0	\$0

	Prior Period Adjusted		\$10,024
			<u>(\$16,932)</u>
Total Anticipated Cost			\$582,127
			\$572,868

~~Projected Gas Sales~~ — 298,632 therms

Cost of Gas

<del>Beginning Period Cost of Gas Rate</del>	\$1.9493 per therm
<del>Mid Period Rate Adjustment - 07/01/11</del>	\$0.2452 per therm
<del>Mid Period Rate Adjustment - 08/01/11</del>	\$0.0504 per therm
<del>Mid Period Rate Adjustment - 10/01/11</del>	(\$0.1304) per therm
<del>Revised Cost of Gas Rate Effective October 1, 2011</del>	\$2.1145 per therm
Cost of Gas Rate - Beginning Period (per therm)	<u>\$1.7884</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	\$2.4366 per therm
	<u>\$2.2355 per therm</u>

Issued: ~~September 26, 2011~~ April \_\_, 2012  
 Effective: ~~October 1, 2011~~ May 1, 2012

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

In Compliance with DG 11-054, Order No. 25,218  
 In Compliance with DG 12-\_\_\_\_, Order No. \_\_\_\_\_

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

	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	371,873	340,271	\$1.5860	\$1.7333

## NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS RATE  
SUPPLY / DEMAND BALANCE  
SUMMER PERIOD 2012

	PRIOR	MAY-12	JUN-12	JUL-12	AUG-12	SEP-12	OCT-12	TOTAL
<u>SENDOUT (THERMS)</u>								
1 FIRM SENDOUT *		61,943	45,982	43,093	44,848	47,210	84,535	327,611
2 COMPANY USE		2,371	2,243	2,127	2,237	2,224	1,458	12,660
3 TOTAL SENDOUT		64,314	48,225	45,220	47,085	49,434	85,993	340,271
4 * UNACCTED FOR VOLS INCLUDED		1,757	1,305	1,223	1,272	1,339	2,398	9,295
<u>COSTS</u>								
5 PROPANE SENDOUT FROM ABOVE		64,314	48,225	45,220	47,085	49,434	85,993	340,271
6 COST/THERM FROM SCHEDULE D		\$1.7633	\$1.7224	\$1.7162	\$1.7208	\$1.7277	\$1.7361	\$1.7333
7 TOTAL PROPANE COSTS		\$113,404	\$83,065	\$77,608	\$81,024	\$85,409	\$149,290	\$589,800
<u>REVENUES</u>								
8 FIRM SALES		90,745	50,665	45,516	40,633	44,333	48,429	320,321
9 RATE/THERM PER TARIFF		\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884
10 TOTAL REVENUES		\$162,290	\$90,610	\$81,402	\$72,669	\$79,286	\$86,611	\$572,868
11 (OVER)/UNDER COLLECTION		(\$48,886)	(\$7,545)	(\$3,794)	\$8,355	\$6,123	\$62,679	\$16,932
12 INTEREST FROM SCHEDULE F		(\$109)	(\$186)	(\$202)	(\$196)	(\$177)	(\$85)	(\$955)
13 FINAL (OVER)/UNDER COLLECTION	(\$15,977)	(\$48,995)	(\$7,731)	(\$3,996)	\$8,159	\$5,946	\$62,594	\$0

NEW HAMPSHIRE GAS CORPORATION  
 PROPANE SPOT MARKET PURCHASE COST ANALYSIS  
 SUMMER PERIOD 2012

		(1) Mt. Belvieu <sup>1</sup>		(2) Broker Fee		(3) Pipeline Fee <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	MAY	1.2604	+	0.0100	+	0.1203	+	0.0040	+	0.0800	=	1.4747	+	0.0762	=	1.5509	=	1.6950
2	JUN	1.2683	+	0.0100	+	0.1203	+	0.0040	+	0.0800	=	1.4826	+	0.0762	=	1.5588	=	1.7036
3	JUL	1.2771	+	0.0100	+	0.1203	+	0.0040	+	0.0800	=	1.4914	+	0.0762	=	1.5676	=	1.7132
4	AUG	1.2858	+	0.0100	+	0.1203	+	0.0040	+	0.0800	=	1.5001	+	0.0762	=	1.5763	=	1.7227
5	SEP	1.2946	+	0.0100	+	0.1203	+	0.0040	+	0.0800	=	1.5089	+	0.0762	=	1.5851	=	1.7323
6	OCT	1.3044	+	0.0100	+	0.1203	+	0.0040	+	0.0800	=	1.5187	+	0.0762	=	1.5949	=	1.7430

1. Propane futures market quotations ([http://quotes.ino.com/chart/?s=CLRP\\_B0.?.](http://quotes.ino.com/chart/?s=CLRP_B0.?.)) on 03/14/12. See Appendix 1.

2. Enterprise TE Products Pipeline Co., FERC tariff 54.12.0, effective 01/01/12 ([www.enterpriseproducts.com](http://www.enterpriseproducts.com)). 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 2012

LINE NO.				Rate			
		<u>Therms</u>	<u>Cost</u>	<u>Therm</u>	<u>Gal.</u>		
1	February 2012 (Actual)						
2							
3	Beginning Balance	103,140	\$198,526	\$1.9248	\$1.7612		
4	Purchases Received	161,509	\$307,634	\$1.9047	\$1.7429		
5	Total Available	264,649	\$506,160	\$1.9126	\$1.7500		
6	Less Sendout	171,820	\$328,617	\$1.9126	\$1.7500		
7	Ending Balance	92,830	\$177,543	\$1.9126	\$1.7500		
8							
9							
10	March 2012 (Estimated)						
11							
12	Beginning Balance	92,830	\$177,543	\$1.9126	\$1.7500		
13	Purchases Received	132,525	\$257,638	\$1.9441	\$1.7789		
14	Total Available	225,355	\$435,181	\$1.9311	\$1.7670		
15	Less Sendout	173,701	\$335,433	\$1.9311	\$1.7670		
16	Ending Balance	51,654	\$99,748	\$1.9311	\$1.7670		
17							
18							
19	April 2012 (Estimated)						
20							
21	Beginning Balance	51,654	\$99,748	\$1.9311	\$1.7670		
22	Purchases Received	76,879	\$152,410	\$1.9825	\$1.8140		
23	Total Available	128,533	\$252,158	\$1.9618	\$1.7951		
24	Less Sendout	106,160	\$208,266	\$1.9618	\$1.7951		
25	Ending Balance	22,373	\$43,892	\$1.9618	\$1.7951		
26							
27							
28	May 2012 (Forecasted)						
29							
30	Beginning Balance	22,373	\$43,892	\$1.9618	\$1.7951		
31	Purchases Received	65,000	\$110,172	\$1.6950	\$1.5509		
32	Total Available	87,373	\$154,064	\$1.7633	\$1.6134		
33	Less Sendout	64,314	\$113,404	\$1.7633	\$1.6134	64,314	\$113,404
34	Ending Balance	23,059	\$40,660	\$1.7633	\$1.6135		
35							
36							
37	June 2012 (Forecasted)						
38							
39	Beginning Balance	23,059	\$40,660	\$1.7633	\$1.6135		
40	Purchases Received	50,000	\$85,180	\$1.7036	\$1.5588		
41	Total Available	73,059	\$125,840	\$1.7224	\$1.5761		
42	Less Sendout	48,225	\$83,065	\$1.7224	\$1.5761	48,225	\$83,065
43	Ending Balance	24,834	\$42,775	\$1.7224	\$1.5761		
44							
45							
46	July 2012 (Forecasted)						
47							
48	Beginning Balance	24,834	\$42,775	\$1.7224	\$1.5761		
49	Purchases Received	50,000	\$85,658	\$1.7132	\$1.5676		
50	Total Available	74,834	\$128,433	\$1.7162	\$1.5704		
51	Less Sendout	45,220	\$77,608	\$1.7162	\$1.5704	45,220	\$77,608
52	Ending Balance	29,614	\$50,825	\$1.7163	\$1.5704		
53							
54							
55	August 2012 (Forecasted)						
56							
57	Beginning Balance	29,614	\$50,825	\$1.7163	\$1.5704		
58	Purchases Received	70,000	\$120,591	\$1.7227	\$1.5763		
59	Total Available	99,614	\$171,416	\$1.7208	\$1.5746		
60	Less Sendout	47,085	\$81,024	\$1.7208	\$1.5746	47,085	\$81,024
61	Ending Balance	52,529	\$90,392	\$1.7208	\$1.5746		
62							
63							
64	September 2012 (Forecasted)						
65							
66	Beginning Balance	52,529	\$90,392	\$1.7208	\$1.5746		
67	Purchases Received	80,000	\$138,583	\$1.7323	\$1.5851		
68	Total Available	132,529	\$228,975	\$1.7277	\$1.5809		
69	Less Sendout	49,434	\$85,409	\$1.7277	\$1.5809	49,434	\$85,409
70	Ending Balance	83,095	\$143,566	\$1.7277	\$1.5809		
71							
72							
73	October 2012 (Forecasted)						
74							
75	Beginning Balance	83,095	\$143,566	\$1.7277	\$1.5809		
76	Purchases Received	100,000	\$174,300	\$1.7430	\$1.5949		
77	Total Available	183,095	\$317,866	\$1.7361	\$1.5885		
78	Less Sendout	85,993	\$149,290	\$1.7361	\$1.5885	85,993	\$149,290
79	Ending Balance	97,102	\$168,576	\$1.7361	\$1.5885		
80							
81							
	AVERAGE SUMMER RATE - SENDOUT			\$1.7333		340,271	\$589,800

NEW HAMPSHIRE GAS CORPORATION  
 ACTUAL PRIOR PERIOD (OVER)/UNDER COLLECTION  
 SUMMER PERIOD 2011

	<u>PRIOR</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>
1 SALES (therms)		87,750	49,343	45,747	40,633	44,333	46,516	314,322
2 COG RATE PER TARIFF		\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	
3 TOTAL REVENUES		\$171,050	\$96,184	\$100,391	\$91,217	\$99,524	\$98,314	\$656,680
4 COMPANY USE		2,371	2,243	2,127	2,237	2,224	1,458	12,660
5 HEATING DEGREE DAYS (Concord)		244	93	0	7	100	474	918
6 TOTAL SENDOUT (therms)		59,505	47,136	43,998	45,812	46,717	80,794	323,962
7 COST PER THERM		\$1.8820	\$1.9420	\$1.9502	\$1.9524	\$2.0003	\$1.9638	\$1.9474
8 TOTAL COSTS		\$111,985	\$91,537	\$85,806	\$89,444	\$93,450	\$158,666	\$630,889
-----								
9 ACTUAL (OVER)/UNDER COLLECTION		(\$59,065)	(\$4,646)	(\$14,585)	(\$1,774)	(\$6,074)	\$60,353	(\$25,791)
10 INTEREST AMOUNT		(\$50)	(\$137)	(\$163)	(\$186)	(\$197)	(\$124)	(\$857)
11 FINAL (OVER)/UNDER COLLECTION	\$10,929	(\$48,186)	(\$52,969)	(\$67,718)	(\$69,677)	(\$75,948)	<b>(\$15,719)</b>	

NEW HAMPSHIRE GAS CORPORATION

INTEREST CALCULATION  
SUMMER PERIOD 2012

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 2011	(\$15,719)	\$0	\$0	(\$15,719)	(\$15,719)	3.25%	(\$43)	(\$15,762)
2	DEC	(15,762)	0	0	(15,762)	(15,762)	3.25%	(43)	(15,805)
3	JAN 2012	(15,805)	0	0	(15,805)	(15,805)	3.25%	(43)	(15,848)
4	FEB	(15,848)	0	0	(15,848)	(15,848)	3.25%	(43)	(15,891)
5	MAR	(15,891)	0	0	(15,891)	(15,891)	3.25%	(43)	(15,934)
6	APR	(15,934)	0	0	(15,934)	(15,934)	3.25%	(43)	(15,977)
7	MAY	(15,977)	(48,886)	0	(64,863)	(40,420)	3.25%	(109)	(64,972)
8	JUN	(64,972)	(7,545)	0	(72,517)	(68,745)	3.25%	(186)	(72,703)
9	JUL	(72,703)	(3,794)	0	(76,497)	(74,600)	3.25%	(202)	(76,699)
10	AUG	(76,699)	8,355	0	(68,344)	(72,522)	3.25%	(196)	(68,540)
11	SEP	(68,540)	6,123	0	(62,417)	(65,479)	3.25%	(177)	(62,594)
12	OCT	(62,594)	62,679	0	85	(31,255)	3.25%	(85)	0

(\$1,213)

17 PRIOR PERIOD BEG. BALANCE w/INTEREST @ MAY 1, 2012 =

18 PRIOR PERIOD BEG. BAL. @ NOV 1, 2011 + INTEREST AMOUNT FOR NOV 2011 - APR 2012

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

22 = (15,719) + (258) = (15,977) @ MAY 1, 2012  
 23 (TRANSFER TO SCHEDULE B, LINE 17)

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 2.92%	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) * 2.92%	(10) - (11) +(12)
May-11	59,505	44,905	14,600	244	295	(51)	59.83	3,052	17,651	62,556	2,371	1,757	61,943
Jun-11	47,136	44,905	2,231	93	84	9	23.99	(216)	2,015	46,920	2,243	1,305	45,982
Jul-11	43,998	44,905	0	0	16	(16)	0.00	0	0	43,998	2,127	1,223	43,093
Aug-11	45,812	44,905	0	7	31	(24)	0.00	0	0	45,812	2,237	1,272	44,848
Sep-11	46,717	44,905	1,812	100	176	(76)	18.12	1,377	3,189	48,095	2,224	1,339	47,210
Oct-11	80,794	44,905	35,888	474	511	(37)	75.71	2,801	38,690	83,595	1,458	2,398	84,535
Total	323,962	269,430	54,532	918	1,113	(195)		7,014	61,546	330,976	12,660	9,295	327,611

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)
May-11	780	18,875	6,980	11,895	507	542	(35)	23.46	821	12,716	19,696
Jun-11	736	10,004	6,980	3,024	221	263	(42)	13.68	575	3,599	10,579
Jul-11	741	7,894	6,980	914	78	73	5	11.72	(59)	855	7,835
Aug-11	738	6,438	6,980	0	1	18	(17)	0.00	0	0	6,438
Sep-11	768	7,522	6,980	0	24	57	(33)	0.00	0	0	7,522
Oct-11	772	9,138	6,980	2,158	157	227	(70)	13.75	962	3,120	10,100
Total		59,871	41,880	17,991	988	1,180	(192)	11.98	2,299	20,290	62,170

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)
May-11	359	68,875	35,503	33,372	522	556	(34)	63.93	2,174	35,546	71,049
Jun-11	363	39,339	35,503	3,836	226	270	(44)	16.97	747	4,583	40,086
Jul-11	361	37,853	35,503	2,350	82	76	6	28.66	(172)	2,178	37,681
Aug-11	357	34,195	35,503	0	1	18	(17)	0.00	0	0	34,195
Sep-11	354	36,811	35,503	0	20	52	(32)	0.00	0	0	36,811
Oct-11	351	37,378	35,503	1,875	142	214	(72)	13.20	951	2,826	38,329
Total		254,451	213,018	41,433	993	1,186	(193)	19.17	3,699	45,132	258,151

Total Summer Season Normal Sales

May	90,745
June	50,665
July	45,516
August	40,633
September	44,333
October	48,429
Total	<u>320,321</u>

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

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1								Winter							Summer	Total
2	<b>12 MONTHS ENDED 10/2011</b>							Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	May-Oct	Nov-Oct
3	Typical Usage - therms (1)							932	90	55	30	30	42	71	318	1,250
4	<b>Residential Heating</b>															
5	Customer Charge							\$51.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$103.20
6	Delivery Charge:															
7																
8	First 80 therms @	Winter	Summer													
9	Next 120 therms @	\$1.1108	\$1.1108	\$88.86	\$88.86	\$88.86	\$88.86	\$88.86	\$61.09	\$33.32	\$33.32	\$46.65	\$78.87	\$342.11	\$875.27	
10	Over 200 therms @	\$0.9028	\$0.9028	\$26.18	\$63.20	\$96.60	\$97.50	\$77.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.03	\$417.10	
11		\$0.7532	\$0.7532	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	<b>Base Delivery Revenue Total</b>	<b>\$123.64</b>	<b>\$160.66</b>	<b>\$194.06</b>	<b>\$194.96</b>	<b>\$175.10</b>	<b>\$144.41</b>	<b>\$992.83</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>	
13	COG Rates (Non-FPO rate; FPO was not offered)	\$1.6356	\$1.6356	\$1.7608	\$1.8437	\$1.8437	\$2.0445	\$1.7977	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	\$2.0763	
14	<b>Cost of Gas Total</b>	<b>\$178.28</b>	<b>\$245.34</b>	<b>\$329.27</b>	<b>\$346.62</b>	<b>\$306.05</b>	<b>\$269.87</b>	<b>\$1,675.43</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>	
15	<b>Total Bill</b>	<b>\$302</b>	<b>\$406</b>	<b>\$523</b>	<b>\$542</b>	<b>\$481</b>	<b>\$414</b>	<b>\$2,668</b>	<b>\$282</b>	<b>\$177</b>	<b>\$108</b>	<b>\$109</b>	<b>\$150</b>	<b>\$238</b>	<b>\$3,731</b>	
16								Winter							Summer	Total
17	<b>12 MONTHS ENDED 10/2012</b>							Nov-Apr	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	May-Oct	Nov-Oct
18	Typical Usage - therms (1)							932	90	55	30	30	42	71	318	1,250
19	<b>Residential Heating</b>															
20	Customer Charge							\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
21	Delivery Charge:															
22																
23	First 80 therms @	Winter	Summer													
24	Next 120 therms @	\$1.1522	\$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97	
25	Over 200 therms @	\$0.9442	\$0.9442	\$27.38	\$66.09	\$101.03	\$101.97	\$81.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.44	\$436.21	
26		\$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	
27	<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>	
28	Seasonal Base Delivery Difference from previous year							\$41.02							\$15.59	
29	Seasonal Percent Change from previous year							4.1%							3.9%	
30	COG Rates	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	
31	<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>\$160.96</b>	<b>\$98.36</b>	<b>\$53.65</b>	<b>\$53.65</b>	<b>\$75.11</b>	<b>\$126.98</b>	<b>\$568.71</b>	
32	Seasonal COG Difference from previous year							\$408.25							-\$91.55	
33	Seasonal Percent Change from previous year							24.4%							-13.9%	
34	<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>\$272</b>	<b>\$171</b>	<b>\$97</b>	<b>\$97</b>	<b>\$133</b>	<b>\$218</b>	<b>\$987</b>	
35	Seasonal Total Bill Difference from previous year							\$449.27							-\$75.96	
36	Seasonal Percent Change from previous year							16.8%							-7.1%	
37	Seasonal Percent Change resulting from Base Rates							1.5%							1.5%	
38	Seasonal Percent Change resulting from COG							15.3%							-8.6%	

(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 Summer Period vs. Actual 2011 Summer Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)		
1								Winter								Summer	Total
2	<b>12 MONTHS ENDED 10/2011</b>							Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	May-Oct	Nov-Oct	
3	Typical Usage - therms (1)							932	90	55	30	30	42	71	318	1,250	
4	<b>Residential Heating</b>																
5	Customer Charge							\$51.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$103.20	
6	Delivery Charge:																
7		<u>Winter</u>	<u>Summer</u>														
8	First 80 therms @	\$1.1108	\$1.1108	\$88.86	\$88.86	\$88.86	\$88.86	\$88.86	\$88.86	\$61.09	\$33.32	\$33.32	\$46.65	\$78.87	\$342.11		
9	Next 120 therms @	\$0.9028	\$0.9028	\$26.18	\$63.20	\$96.60	\$97.50	\$77.64	\$46.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.03		
10	Over 200 therms @	\$0.7532	\$0.7532	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
10	<b>Base Delivery Revenue Total</b>							<b>\$992.83</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>\$1,395.57</b>	
11	COG Rates							\$1.7977	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.1145	\$2.0763		
12	<b>Cost of Gas Total</b>							<b>\$1,675.43</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>\$2,335.69</b>	
13	<b>Total Bill</b>							<b>\$2,668</b>	<b>\$282</b>	<b>\$177</b>	<b>\$108</b>	<b>\$109</b>	<b>\$150</b>	<b>\$238</b>	<b>\$1,063</b>	<b>\$3,731</b>	
14																	
15	<b>12 MONTHS ENDED 10/2012</b>							Winter	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Summer	Total	
16	Typical Usage - therms (1)							932	90	55	30	30	42	71	318	1,250	
17	<b>Residential Heating</b>																
18	Customer Charge							\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00	
19	Delivery Charge:																
20		<u>Winter</u>	<u>Summer</u>														
21	First 80 therms @	\$1.1522	\$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$63.37	\$34.57	\$34.57	\$48.39	\$81.81	\$354.89	\$907.97		
22	Next 120 therms @	\$0.9442	\$0.9442	\$27.38	\$66.09	\$101.03	\$101.97	\$81.20	\$49.10	\$0.00	\$0.00	\$0.00	\$0.00	\$9.44	\$436.21		
23	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		
23	<b>Base Delivery Revenue Total</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>	
24	Seasonal Base Delivery Difference from previous year							\$41.02							\$15.59	\$56.61	
25	Seasonal Percent Change from previous year							4.1%							3.9%	4.1%	
26	COG Rates							\$2.1253	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884	\$1.7884		
27	<b>Cost of Gas Total</b>							<b>\$1,980.77</b>	<b>\$160.96</b>	<b>\$98.36</b>	<b>\$53.65</b>	<b>\$53.65</b>	<b>\$75.11</b>	<b>\$126.98</b>	<b>\$568.71</b>	<b>\$2,549.48</b>	
28	Seasonal COG Difference from previous year							\$305.34							-\$91.55	\$213.79	
29	Seasonal Percent Change from previous year							18.2%							-13.9%	9.2%	
30	<b>Total Bill</b>							<b>\$3,015</b>	<b>\$272</b>	<b>\$171</b>	<b>\$97</b>	<b>\$97</b>	<b>\$133</b>	<b>\$218</b>	<b>\$987</b>	<b>\$4,002</b>	
31	Seasonal Total Bill Difference from previous year							\$346.36							-\$75.96	\$270.40	
32	Seasonal Percent Change from previous year							13.0%							-7.1%	7.2%	
33	Seasonal Percent Change resulting from Base Rates							1.5%							1.5%	1.5%	
34	Seasonal Percent Change resulting from COG							11.4%							-8.6%	5.7%	

(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 Fee		Broker Fee		PERC		Trucking		NHGC Price	Contract Volumes	NHGC Cost	Plan Price	Contract Volumes	Plan Cost	Cost Premium	Per Gallon Premium
April '11	\$1.4996	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0755	=	\$1.7094	140,000	\$239,316	\$1.7866	140,000	\$250,124	\$10,808	\$0.0772
May '11	\$1.4679	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0755	=	\$1.6777	105,000	\$176,159	\$1.7549	105,000	\$184,265	\$8,106	\$0.0772
June '11	\$1.5505	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0755	=	\$1.7603	105,000	\$184,832	\$1.8375	105,000	\$192,938	\$8,106	\$0.0772
July '11	\$1.4897	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0755	=	\$1.6995	140,000	\$237,930	\$1.7767	140,000	\$248,738	\$10,808	\$0.0772
August '11	\$1.4912	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0755	=	\$1.7010	105,000	\$178,605	\$1.7782	105,000	\$186,711	\$8,106	\$0.0772
September '11	\$1.5572	+	\$0.1203	+	\$0.0100	+	\$0.0040	+	\$0.0755	=	\$1.7670	105,000	\$185,535	\$1.8442	105,000	\$193,641	\$8,106	\$0.0772
<b>Total</b>												700,000	\$1,202,376		700,000	\$1,256,416	\$54,040	<b>\$0.0772</b>

NEW HAMPSHIRE GAS CORPORATION

COMPARISON OF CONTRACT COST TO HYPOTHETICAL SPOT COST  
WINTER SEASON 2011-2012 TO DATE

Delivery Month	Contract Price (1)	Contract Volumes (2)	Contract Cost (3)	Average Delivered 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-11	\$1.7950	90,000	\$161,550	\$1.7676	90,000	\$159,080	\$2,470
Dec-11	\$1.7950	140,000	\$251,300	\$1.6947	140,000	\$237,263	\$14,037
Jan-12	\$1.7950	160,000	\$287,200	\$1.5597	160,000	\$249,560	\$37,640
Feb-12	\$1.7950	140,000	\$251,300	\$1.5430	140,000	\$216,024	\$35,276
Total			\$951,350			\$861,927	\$89,423

+10.4%

NEW HAMPSHIRE GAS CORPORATION  
 PROPANE PURCHASE STABILIZATION PROGRAM  
 PRE-PURCHASES AND DELIVERY SCHEDULE - PER RFP ISSUED 03/01/12

Line  
No.

Line No.	Delivery Month	Pre-Purchases (Gallons)						Total
		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	
1								
2								
3	Nov-12	18,000	13,500	13,500	18,000	13,500	13,500	90,000
4	Dec-12	28,000	21,000	21,000	28,000	21,000	21,000	140,000
5	Jan-13	32,000	24,000	24,000	32,000	24,000	24,000	160,000
6	Feb-13	28,000	21,000	21,000	28,000	21,000	21,000	140,000
7	Mar-13	22,000	16,500	16,500	22,000	16,500	16,500	110,000
8	Apr-13	12,000	9,000	9,000	12,000	9,000	9,000	60,000
9	Total	140,000	105,000	105,000	140,000	105,000	105,000	700,000
10	Monthly %	20.0%	15.0%	15.0%	20.0%	15.0%	15.0%	

The total hedged volume of 700,000 gallons is unchanged from last year's program.  
 The monthly % of pre-purchases in Apr12 - Sep12 is unchanged from last year's program.  
 The monthly deliveries in Nov12 - Apr13 are unchanged from the actual schedule in the current winter period.

## MONT BELVIEU PROPANE FUTURES - 03/14/12 CLOSE

**ClearPort** › MONT BELVIEU LDH PROPANE May 2012 (E)**PRACTICE**Free Currency Trading  
eBook From Forex.com**1.26042**

2012-03-14

**ClearPort** › MONT BELVIEU LDH PROPANE Jun 2012 (E)**FREE 50K**Free Currency Trading  
eBook From Forex.com**1.26833**

2012-03-14

**ClearPort** › MONT BELVIEU LDH PROPANE Jul 2012 (E) (**FREE 50K**Free Currency Trading  
eBook From Forex.com**1.27708**

2012-03-14

**ClearPort** › MONT BELVIEU LDH PROPANE Aug 2012 (E)**PRACTICE  
ACCOUNT**Free Currency Trading  
eBook From Forex.com**1.28583**

2012-03-14

**ClearPort** › MONT BELVIEU LDH PROPANE Sep 2012 (E)**FREE 50K**Free Currency Trading  
eBook From Forex.com**1.29458**

2012-03-14

**ClearPort** › MONT BELVIEU LDH PROPANE Oct 2012 (E) (**PRACTICE**Free Currency Trading  
eBook From Forex.com**1.30438**

2012-03-14

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


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<b>ITEM NO. 135</b>		<b>Non-Incentive Rates for Propane (Gulf Coast Origins)</b>	
<b>[U] All rates in this item are unchanged.</b>			
<b>Destination</b>	<b>Origin</b>		
	Arcadia (Bienville Parish, LA)		Mont Belvieu (Chambers Co., TX)
Arcadia (Bienville Parish, LA)	--		171.16
Calvert City (Marshall Co., KY)	--		318.70
Coshocton (Coshocton Co., OH)	347.71		371.45
Dexter (Stoddard Co., MO)	224.61		248.25
Du Bois (Clearfield Co., PA)	389.17	(1)	412.38 (1)
Eagle (Chester Co., PA)	409.42		433.16
Finger Lakes (Schuyler Co., NY)	415.02		438.34
Floreffe Junction (Allegheny Co., PA)	--		353.81
Fontaine (Green Co., AR)	209.39		233.23
Greensburg (Westmoreland Co., PA)	365.96	(1)	389.17 (1)
Harford Mills (Cortland Co., NY)	416.44	(1)	439.83 (1)
Kingsland (Cleveland Co., AR)	185.90		197.81
Lebanon (Boone Co., IN)	268.94	(8)	292.78 (8)
Lima (Allen Co., OH)	289.63		313.60
North Little Rock (Pulaski Co., AR)	184.86		208.71
Oneonta (Otsego Co., NY)	452.05	(1)	475.26 (1)
Princeton (Gibson Co., IN)	294.65		318.70
Schaefferstown (Lebanon Co., PA)	420.90		444.56
Selkirk (Albany Co., NY)	482.11	(1)	505.33 (1)
Seymour (Jackson Co., IN)	254.50		278.20
Sinking Spring (Berks Co., PA)	420.90		444.56
Todhunter (Butler Co., OH)	309.10		332.84
Twin Oaks (Delaware Co., PA)	420.90		444.56
Watkins Glen (Schuyler Co., NY)	394.02	(1)	417.34 (1)
West Memphis (Crittenden Co., AR)	--		248.25 (8)

**PIPELINE RATES**

Effective January 1, 2012

FERC 54.12.0

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

Destination		Origin Mount Belvieu ¢-per-bbl	gal-per-bbl	fee-per-gal
Selkirk (Albany Co., NY)	<i>See page 12 of 16</i>	505.33	42	0.1203

**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 16</i>	30.0	42	0.0071

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**From:** Kirsten Simpson [mailto:k.simpson@northerngastransport.com]  
**Sent:** Tuesday, March 13, 2012 08:16 AM  
**Subject:** Fuel Surcharge email

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

March 13, 2012

To: All Customers

**Re: Fuel Surcharge**

As of Monday, March 12, 2012 the Department of Energy New England average price per gallon of diesel fuel was \$4.250. All deliveries invoiced from Sunday, March 18, 2012 through Saturday, March 24, 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		Total Charge	Total Rate Per Gallon
			Surcharge Rate	Surcharge		
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