

DEWEY & LeBOEUF ORIGINAL

N.H.P.U.C. Case No.	DG 11-212
Exhibit No.	#2
Witness	Brian R Maloney
DO NOT REMOVE FROM FILE	

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October 17, 2011

VIA ELECTRONIC MAIL AND FEDERAL EXPRESS

Ms. Debra A. Howland
Executive Director & Secretary
State of New Hampshire
Public Utilities Commission
21 S Fruit Street, Suite 10
Concord, New Hampshire 03301-2429

Re: New Hampshire Gas Corporation Cost of Gas – Winter 2011-2012: DG: 11-212

Dear Ms. Howland:

Enclosed on behalf of New Hampshire Gas Corporation (“NHGC”), in the above-captioned proceeding, please find an original and seven (7) copies of NHGC’s updated Cost of Gas filing for the Winter 2011-2012 period. Also enclosed are an original and seven (7) copies of the Supplemental Testimony of Brian R. Maloney, as well as a CD containing the information being filed.

Thank you for your attention to this matter.

Sincerely,


Meabh Purcell

cc: Robert Wyatt, NHPUC
Stephen P. Frink, NHPUC
Alexander Speidel, Staff Attorney
Brian R. Maloney, Rochester Gas and Electric Corporation

BS131193.1

NEW HAMPSHIRE GAS CORPORATION

Winter 2011-2012 Cost of Gas Adjustment

DG 11-212

Supplemental Testimony of Brian R. Maloney

1 **Q. Please state your name, employer and business address.**

2 A. My name is Brian R. Maloney. I am employed by Rochester Gas and Electric
3 Corporation at 89 East Avenue in Rochester, NY 14649.

4
5 **Q. Have you previously submitted testimony in this proceeding?**

6 A. Yes, on September 20, 2011, I submitted initial testimony in support of New
7 Hampshire Gas Corporation's cost of gas ("COG") rate for the winter period
8 2011-2012.

9
10 **Q. What is the purpose of your supplemental testimony in this proceeding?**

11 A. The primary purpose of this supplemental testimony is to update the winter period
12 Non-FPO COG rate to reflect a decrease in propane futures prices since the filing
13 of the initial testimony and exhibits on September 20. This testimony also
14 provides an update to the status of the Selkirk terminal.

15
16 **Q. Please specify the price changes from the initial testimony and exhibits.**

17 A. Mt. Belvieu propane futures prices for November 2011 - April 2012 have
18 decreased from the prices used in the initial filing by approximately \$0.10 per
19 gallon (Schedule E, Column 1; Appendix 1). In addition, trucking costs from
20 Selkirk to Keene are forecasted at a slightly lower level because of a lower diesel
21 fuel surcharge (Schedule E, Column 7; Appendices 3A & 3B).

1 **Q. What is the impact of these changes on the anticipated cost of propane for**
2 **the winter period, compared to the initial filing?**

3 A. The anticipated cost of propane sendout has decreased from \$2,172,053 (after
4 FPO premium reduction) in the initial filing to \$2,134,869 in this update
5 (Schedule B, Line 7, and Tariff Page).
6

7 **Q. Please specify the resulting impact on the Non-Fixed Price Option cost of gas**
8 **rate.**

9 A. The winter period Non-FPO cost of gas rate has decreased from \$2.2157 per
10 therm in the initial filing to \$2.1678 per therm in this update (Schedule B, Line
11 12; Tariff Page).
12

13 **Q. Please describe the change in the Non-FPO cost of gas rate compared to the**
14 **previous winter season, and the resulting impact on a typical residential bill.**

15 A. The updated winter period Non-FPO COG rate per therm of \$2.1678 is an
16 increase of \$0.3701 from last winter's average rate of \$1.7977. As shown on
17 Schedule K-2, for a typical residential heat, hot water and cooking customer, this
18 would represent an increase of \$344.96 or 20.6% in the gas component of their
19 bill (Lines 32 and 33). When the monthly customer charge and per-therm
20 delivery charge are factored into the calculation, the customer would see an
21 increase of \$385.98 or 14.5% in their total bill (Lines 35 and 36).
22

23 **Q. What is the bill impact compared to the prior winter season for an average**
24 **commercial customer?**

25 A. The impact of the higher Non-FPO rate compared to last winter for an average
26 commercial customer, as shown on Schedule L-2, would be increases in the gas
27 component of the customer's bill and in the total bill of \$548.99 (21.6%) and
28 \$612.89 (15.3%), respectively.
29

1 **Q. Please provide a status update on the Selkirk propane terminal and the FPO**
2 **program.**

3 A. The temporary embargo at the Selkirk terminal for most of September caused by
4 storm-induced flooding in the region was cancelled on September 28, and the
5 terminal resumed normal operations. As such, the Company went ahead with its
6 standard FPO offering to customers starting on October 1. The subscription
7 period ends on October 19.

8

9 **Q. Does this conclude your supplemental testimony?**

10 A. Yes, it does.

NEW HAMPSHIRE GAS CORPORATION
COST OF GAS RATE FILING - DG 11-212

WINTER PERIOD 2011 - 2012

10/17/11 REVISION

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New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

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

Projected Gas Sales - therms		996,907
Total Anticipated Cost of Propane Sendout		\$2,134,869
Add: Prior Period Deficiency Uncollected Interest	\$33,215 \$3,560	
Deduct: Prior Period Excess Collected Interest	\$0 \$0	
Prior Period Adjustments and Interest		\$36,775
Total Anticipated Cost		<u>\$2,171,644</u>
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)		<u><u>\$2.1678</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 - Non-Fixed Price Option (per therm) \$2.7098

* 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: October __, 2011
Effective: November 1, 2011

Issued By: _____
Michael D. Eastman
Treasurer

In Compliance with DG 11-212, Order No. _____

Calculation of the Cost of Gas Rate

Period Covered: ~~Winter Period November 1, 2010 through April 30, 2011~~
 Winter Period November 1, 2011 through April 30, 2012

Projected Gas Sales - Therms				996,907
<u>Total Anticipated Cost</u>				
	<u>Therms</u>	<u>Cost/Therm</u>		
Propane	-1,067,848	\$4.5842	\$4,688,434	
Total Anticipated Cost of Propane Sendout			\$2,134,869	
Add:				
Prior Period (Deficiency Uncollected)		\$0	\$33,215	
Interest		\$0	\$3,560	
Deduct:				
Prior Period (Excess Collected)		(\$26,833)	\$0	
Interest		\$4,644	\$0	
Prior Period Adjusted			(\$25,292)	
Total Anticipated Cost			\$36,775	
			\$4,663,142	
			\$2,171,644	
<u>Projected Gas Sales</u>				<u>1,046,842 therms</u>
<u>Cost of Gas</u>				
Beginning of Period Cost of Gas Rate			\$4.6356	per therm
Mid-Period Rate Adjustment - 01/01/11			\$0.1252	per therm
Mid-Period Rate Adjustment - 02/01/11			\$0.0829	per therm
Mid-Period Rate Adjustment - 04/01/11			\$0.2008	per therm
Revised Cost of Gas Rate Effective April 1, 2011			\$2.0445	per therm
Fixed Price Option Cost of Gas Rate (per therm)		\$2.2357		
Forecasted Fixed Price Option Sales (therms)		155,000		
Forecasted Fixed Price Option Cost of Gas Revenue			\$346,534	
Remaining Gas Cost to be Recovered			\$1,825,110	
Forecasted Non-Fixed Price Option Sales (therms)			841,907	
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)			\$2.1678	

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	\$2.0445 per therm
	<u>\$2.7098 per therm</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: ~~March 24, 2011~~ October __, 2011
 Effective: ~~April 1, 2011~~ November 1, 2011

Issued By: _____
 Michael D. Eastman
 Treasurer

In Compliance with DG 40-249, Order No. 25,164
 In Compliance with DG 11-212, Order No. _____

NEW HAMPSHIRE GAS CORPORATION
 CONVERSION OF GAS COSTS - GALLONS TO THERMS
 WINTER PERIOD 2011 - 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	1,195,708	1,094,097	\$1.7854	\$1.9513

NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS RATE
SUPPLY / DEMAND BALANCE
WINTER PERIOD 2011 - 2012

	PRIOR	NOV 11	DEC 11	JAN 12	FEB 12	MAR 12	APR 12	TOTAL
<u>SENDOUT (THERMS)</u>								
1 FIRM SENDOUT *		134,155	217,200	237,077	201,059	168,366	102,745	1,060,602
2 COMPANY USE		4,506	6,598	7,342	6,299	5,335	3,415	33,495
3 TOTAL SENDOUT		138,661	223,798	244,419	207,358	173,701	106,160	1,094,097
4 * UNACCTED FOR VOLS INCLUDED		3,806	6,162	6,726	5,704	4,777	2,915	30,091
<u>COSTS</u>								
5 PROPANE SENDOUT FROM ABOVE		138,661	223,798	244,419	207,358	173,701	106,160	1,094,097
6 COST/THERM FROM SCHEDULE F		\$1.9982	\$1.9869	\$1.9537	\$1.9414	\$1.9182	\$1.8823	\$1.9513
7 TOTAL PROPANE COSTS		\$277,071	\$444,672	\$477,530	\$402,568	\$333,199	\$199,829	\$2,134,869
<u>REVENUES</u>								
8 FPO SALES (THERMS)		12,653	20,326	34,170	33,913	28,639	25,299	155,000
9 FPO RATE/THERM PER TARIFF		\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357	\$2.2357
10 FPO REVENUES		\$28,288	\$45,443	\$76,394	\$75,819	\$64,028	\$56,561	\$346,533
11 NON-FPO SALES (THERMS)		68,724	110,407	185,600	184,202	155,560	137,414	841,907
12 NON-FPO RATE/THERM PER TARIFF		\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678
13 NON-FPO REVENUES		\$148,982	\$239,344	\$402,349	\$399,319	\$337,228	\$297,890	\$1,825,111
14 TOTAL FPO & NON-FPO REVENUES		\$177,270	\$284,786	\$478,743	\$475,138	\$401,256	\$354,451	\$2,171,644
15 (OVER)/UNDER COLLECTION		\$99,801	\$159,886	(\$1,213)	(\$72,570)	(\$68,057)	(\$154,622)	(\$36,775)
16 INTEREST FROM SCHEDULE H		\$227	\$579	\$795	\$698	\$509	\$209	\$3,017
17 FINAL (OVER)/UNDER COLLECTION	\$33,758	\$100,028	\$160,465	(\$418)	(\$71,872)	(\$67,548)	(\$154,413)	\$0

NEW HAMPSHIRE GAS CORPORATION
 CALCULATION OF PURCHASED PROPANE COSTS
 WINTER PERIOD 2011 - 2012

LINE NO.		NOV 2011	DEC 2011	JAN 2012	FEB 2012	MAR 2012	APR 2012	TOTAL
1	TOTAL SENDOUT (GALLONS)	151,539	244,583	267,119	226,616	189,833	116,019	1,195,708
2								
3	CHANGE TO ENDING INVENTORY BALANCE (GALLONS)	7,000	(4,000)	(5,000)	(17,000)	(37,000)	(23,000)	(79,000)
4								
5	TOTAL REQUIRED PURCHASES (GALLONS)	158,539	240,583	262,119	209,616	152,833	93,019	1,116,708
6								
7								
8	<u>PROPANE PURCHASE STABILIZATION PLAN DELIVERIES</u>							
9	GALLONS	90,000	140,000	160,000	140,000	110,000	60,000	700,000
10	<u>RATES</u> - from Schedule D							
11	Contract Price	\$1.7949	\$1.7949	\$1.7949	\$1.7949	\$1.7949	\$1.7949	
12	Broker Fee	incl.	incl.	incl.	incl.	incl.	incl.	
13	Pipeline Fee	incl.	incl.	incl.	incl.	incl.	incl.	
14	PERC Fee	incl.	incl.	incl.	incl.	incl.	incl.	
15	Trucking Fee	incl.	incl.	incl.	incl.	incl.	incl.	
16	COST PER GALLON	\$1.7949	\$1.7949	\$1.7949	\$1.7949	\$1.7949	\$1.7949	\$1.7949
17								
18	TOTAL COST - Propane Purchase Stabilization Plan Deliveries	\$161,541	\$251,286	\$287,184	\$251,286	\$197,439	\$107,694	\$1,256,430
19								
20								
21	<u>SPOT PURCHASES</u>							
22	GALLONS	68,539	100,583	102,119	69,616	42,833	33,019	416,708
23	<u>RATES</u> - from Schedule E							
24	Mt. Belvieu Futures Price (10/14/11)	\$1.5304	\$1.5304	\$1.5347	\$1.5134	\$1.4006	\$1.3304	
25	Broker Fee	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	
26	Pipeline Fee	\$0.1203	\$0.1203	\$0.1203	\$0.1203	\$0.1203	\$0.1203	
27	PERC Fee	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	
28	Trucking Fee	\$0.0745	\$0.0745	\$0.0745	\$0.0745	\$0.0745	\$0.0745	
29	COST PER GALLON	\$1.7392	\$1.7392	\$1.7435	\$1.7222	\$1.6094	\$1.5392	\$1.7082
30								
31	TOTAL COST - Spot Purchases	\$119,203	\$174,933	\$178,044	\$119,892	\$68,935	\$50,823	\$711,830
32								
33								
34	<u>OTHER COSTS</u>							
35	Storage Costs - Winter Period 2010-2011	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
36	Storage Costs - Winter Period 2011-2012	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
37	TOTAL OTHER COSTS	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$20,000
38								
39								
40	<u>TOTAL</u>							
41	GALLONS	158,539	240,583	262,119	209,616	152,833	93,019	1,116,708
42	THERMS	145,066	220,138	239,844	191,803	139,845	85,115	1,021,811
43	COST	\$290,744	\$436,219	\$465,228	\$371,178	\$266,374	\$158,517	\$1,988,260
44								
45	COST PER GALLON	\$1.8339	\$1.8132	\$1.7749	\$1.7708	\$1.7429	\$1.7041	\$1.7805
46	COST PER THERM	\$2.0042	\$1.9816	\$1.9397	\$1.9352	\$1.9048	\$1.8624	\$1.9458

NEW HAMPSHIRE GAS CORPORATION
 PROPANE PURCHASE STABILIZATION PROGRAM
 WINTER PERIOD 2011 - 2012

Line No.

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

15	Delivery Price per Gallon ⁽¹⁾	\$1.7866	\$1.7549	\$1.8375	\$1.7767	\$1.7782	\$1.8442	Weighted Avg Contract Price
16								\$1.7949
17	Delivery Price per Therm							\$1.9616

(1) Inclusive of broker fee, pipeline fee, PERC fee, standard trucking charge, and hedge premium charge.

NEW HAMPSHIRE GAS CORPORATION
 PROPANE SPOT MARKET PURCHASE COST ANALYSIS
 WINTER PERIOD 2011 - 2012

	(1) Mt. Belvieu ¹	(2) Broker Fee	(3) Subtotal	(4) Pipeline Fee ²	(5) PERC Fee	(6) Cost @ Selkirk	(7) Trucking to Keene ³	(8) \$ per Gal.	(9) \$ per Therm
1 NOV	1.5304	+ 0.0100	= 1.5404	+ 0.1203	+ 0.0040	= 1.6647	+ 0.0745	= 1.7392	= 1.9007
2 DEC	1.5304	+ 0.0100	= 1.5404	+ 0.1203	+ 0.0040	= 1.6647	+ 0.0745	= 1.7392	= 1.9007
3 JAN	1.5347	+ 0.0100	= 1.5447	+ 0.1203	+ 0.0040	= 1.6690	+ 0.0745	= 1.7435	= 1.9054
4 FEB	1.5134	+ 0.0100	= 1.5234	+ 0.1203	+ 0.0040	= 1.6477	+ 0.0745	= 1.7222	= 1.8822
5 MAR	1.4006	+ 0.0100	= 1.4106	+ 0.1203	+ 0.0040	= 1.5349	+ 0.0745	= 1.6094	= 1.7589
6 APR	1.3304	+ 0.0100	= 1.3404	+ 0.1203	+ 0.0040	= 1.4647	+ 0.0745	= 1.5392	= 1.6822

1. Propane futures market quotations (http://quotes.ino.com/exchanges/?r=CLRP_1R) on 10/14/11. See Appendix 1.

2. TE Products Pipeline Co., FERC tariff 54.9.0, effective 9/28/11 (www.enterpriseproducts.com/customers/tariffs.shtm). 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
WINTER PERIOD 2011 - 2012

LINE NO.				Rate			
		Therms	Cost	Therm	Gal.		
1	August 2011 (Actual)						
2							
3	Beginning Balance	27,581	\$53,790	\$1.9502	\$1.7845		
4	Purchases Received	68,193	\$133,199	\$1.9533	\$1.7873		
5	Total Available	95,774	\$186,989	\$1.9524	\$1.7865		
6	Less Sendout	45,812	\$89,444	\$1.9524	\$1.7865		
7	Ending Balance	49,962	\$97,545	\$1.9524	\$1.7865		
8							
9							
10	September 2011 (Actual)						
11							
12	Beginning Balance	49,962	\$97,545	\$1.9524	\$1.7865		
13	Purchases Received	85,313	\$173,049	\$2.0284	\$1.8560		
14	Total Available	135,275	\$270,594	\$2.0003	\$1.8303		
15	Less Sendout	46,717	\$93,450	\$2.0003	\$1.8303		
16	Ending Balance	88,557	\$177,144	\$2.0003	\$1.8303		
17							
18							
19	October 2011 (Estimated)						
20							
21	Beginning Balance	88,557	\$177,144	\$2.0003	\$1.8303		
22	Purchases Received	96,504	\$191,001	\$1.9792	\$1.8110		
23	Total Available	185,061	\$368,145	\$1.9893	\$1.8203		
24	Less Sendout	86,504	\$172,084	\$1.9893	\$1.8203		
25	Ending Balance	98,557	\$196,061	\$1.9893	\$1.8203		
26							
27							
28	November 2011 (Forecasted)						
29							
30	Beginning Balance	98,557	\$196,061	\$1.9893	\$1.8203		
31	Purchases Received	145,066	\$290,744	\$2.0042	\$1.8339		
32	Total Available	243,623	\$486,805	\$1.9982	\$1.8284		
33	Less Sendout	138,661	\$277,071	\$1.9982	\$1.8284	138,661	\$277,071
34	Ending Balance	104,962	\$209,734	\$1.9982	\$1.8284		
35							
36							
37	December 2011 (Forecasted)						
38							
39	Beginning Balance	104,962	\$209,734	\$1.9982	\$1.8284		
40	Purchases Received	220,138	\$436,219	\$1.9816	\$1.8132		
41	Total Available	325,100	\$645,953	\$1.9869	\$1.8181		
42	Less Sendout	223,798	\$444,672	\$1.9869	\$1.8181	223,798	\$444,672
43	Ending Balance	101,302	\$201,281	\$1.9869	\$1.8181		
44							
45							
46	January 2012 (Forecasted)						
47							
48	Beginning Balance	101,302	\$201,281	\$1.9869	\$1.8181		
49	Purchases Received	239,844	\$465,228	\$1.9397	\$1.7749		
50	Total Available	341,146	\$666,509	\$1.9537	\$1.7877		
51	Less Sendout	244,419	\$477,530	\$1.9537	\$1.7877	244,419	\$477,530
52	Ending Balance	96,727	\$188,979	\$1.9537	\$1.7877		
53							
54							
55	February 2012 (Forecasted)						
56							
57	Beginning Balance	96,727	\$188,979	\$1.9537	\$1.7877		
58	Purchases Received	191,803	\$371,178	\$1.9352	\$1.7708		
59	Total Available	288,530	\$560,157	\$1.9414	\$1.7764		
60	Less Sendout	207,358	\$402,568	\$1.9414	\$1.7764	207,358	\$402,568
61	Ending Balance	81,172	\$157,589	\$1.9414	\$1.7764		
62							
63							
64	March 2012 (Forecasted)						
65							
66	Beginning Balance	81,172	\$157,589	\$1.9414	\$1.7764		
67	Purchases Received	139,845	\$266,374	\$1.9048	\$1.7429		
68	Total Available	221,017	\$423,963	\$1.9182	\$1.7552		
69	Less Sendout	173,701	\$333,199	\$1.9182	\$1.7552	173,701	\$333,199
70	Ending Balance	47,316	\$90,764	\$1.9182	\$1.7552		
71							
72							
73	April 2012 (Forecasted)						
74							
75	Beginning Balance	47,316	\$90,764	\$1.9182	\$1.7552		
76	Purchases Received	85,115	\$158,517	\$1.8624	\$1.7041		
77	Total Available	132,431	\$249,281	\$1.8823	\$1.7224		
78	Less Sendout	106,160	\$199,829	\$1.8823	\$1.7224	106,160	\$199,829
79	Ending Balance	26,271	\$49,452	\$1.8624	\$1.7224		
80							
81							
	AVERAGE WINTER RATE - SENDOUT			\$1.9513	1,094,097	\$2,134,869	

NEW HAMPSHIRE GAS CORPORATION
 PRIOR PERIOD (OVER)/UNDER COLLECTION
 WINTER PERIOD 2010 - 2011

	<u>PRIOR</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>TOTAL</u>
1 SALES (therms)		81,134	130,282	223,075	229,141	193,973	165,539	1,023,144
2 COG RATE PER TARIFF		\$1.6356	\$1.6356	\$1.7608	\$1.8437	\$1.8437	\$2.0445	
3 TOTAL REVENUES		\$132,703	\$213,090	\$392,791	\$422,467	\$357,627	\$338,445	\$1,857,123
4 COMPANY USE		4,506	6,598	7,342	6,299	5,335	3,415	33,495
5 HEATING DEGREE DAYS (Concord)		788	1,187	1,442	1,222	1,011	563	6,213
6 TOTAL SENDOUT (therms)		134,139	219,144	249,296	213,271	172,727	99,951	1,088,529
7 COST PER THERM		\$1.7198	\$1.7483	\$1.7814	\$1.7835	\$1.7650	\$1.7179	\$1.7591
8 TOTAL COSTS		\$230,692	\$383,119	\$444,093	\$380,378	\$304,857	\$171,707	\$1,914,846
.....								
9 ACTUAL (OVER)/UNDER COLLECTION		\$97,989	\$170,030	\$51,302	(\$42,089)	(\$52,770)	(\$166,739)	\$57,723
10 INTEREST AMOUNT		\$59	\$422	\$723	\$737	\$610	\$315	\$2,865
11 FINAL (OVER)/UNDER COLLECTION	(\$27,374)	\$70,674	\$241,125	\$293,150	\$251,798	\$199,638	\$33,215	

NEW HAMPSHIRE GAS CORPORATION

INTEREST CALCULATION
WINTER PERIOD 2011 - 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	MAY 2011	\$33,215	\$0	\$0	\$33,215	\$33,215	3.25%	\$90	\$33,305
2	JUN	33,305	0	0	33,305	33,305	3.25%	90	33,395
3	JUL	33,395	0	0	33,395	33,395	3.25%	90	33,485
4	AUG	33,485	0	0	33,485	33,485	3.25%	91	33,576
5	SEP	33,576	0	0	33,576	33,576	3.25%	91	33,667
6	OCT	33,667	0	0	33,667	33,667	3.25%	91	33,758
7	NOV	33,758	99,801	0	133,559	83,659	3.25%	227	133,786
8	DEC	133,786	159,886	0	293,672	213,729	3.25%	579	294,251
9	JAN 2012	294,251	(1,213)	0	293,038	293,645	3.25%	795	293,833
10	FEB	293,833	(72,570)	0	221,263	257,548	3.25%	698	221,961
11	MAR	221,961	(68,057)	0	153,904	187,933	3.25%	509	154,413
12	APR	154,413	(154,622)	0	(209)	77,102	3.25%	209	0
13									
14									
15								<u>\$3,560</u>	
16									

17 PRIOR PERIOD BEG. BALANCE w/INTEREST @ NOVEMBER 1, 2011 =

18 PRIOR PERIOD BEG. BAL. @ MAY 1, 2011 + INTEREST AMOUNT FOR MAY 2011 - OCT 2011

19
20
21
22
23

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

= 33,215 + 543 = 33,758 @ NOVEMBER 1, 2011

(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)
Nov-10	134,139	40,138	94,001	788	794	(6)	119.29	716	94,717	134,855	4,506	3,806	134,155
Dec-10	219,144	40,138	179,005	1,187	1,177	10	150.80	(1,508)	177,497	217,636	6,598	6,162	217,200
Jan-11	249,296	40,138	209,158	1,442	1,362	80	145.05	(11,604)	197,554	237,693	7,342	6,726	237,077
Feb-11	213,271	40,138	173,133	1,222	1,140	82	141.68	(11,618)	161,515	201,653	6,299	5,704	201,059
Mar-11	172,727	40,138	132,589	1,011	982	29	131.15	(3,803)	128,786	168,924	5,335	4,777	168,366
Apr-11	99,951	40,138	59,813	563	594	(31)	106.24	3,293	63,107	103,245	3,415	2,915	102,745
Total	1,088,529	240,829	847,700	6,213	6,049	164		(24,524)	823,176	1,064,005	33,495	30,091	1,060,602

SCHEDULE J

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-10	800	19,836	6,658	13,178	565	568	(3)	23.32	70	13,248	19,906
Dec-10	808	32,194	6,658	25,536	846	850	(4)	30.18	121	25,657	32,315
Jan-11	815	53,060	6,658	46,402	1,240	1,216	24	37.42	(898)	45,504	52,162
Feb-11	809	55,869	6,658	49,211	1,398	1,317	81	35.20	(2,851)	46,360	53,018
Mar-11	813	45,071	6,658	38,413	1,184	1,112	72	32.44	(2,336)	36,077	42,735
Apr-11	809	39,512	6,658	32,854	938	918	20	35.03	(701)	32,153	38,811
Total		245,542	39,948	205,594	6,171	5,981	190	34.71	(6,595)	198,999	238,947

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-10	347	61,293	29,286	32,012	556	559	(3)	57.58	173	32,185	61,471
Dec-10	358	98,088	29,286	68,802	833	837	(4)	82.60	330	69,132	98,418
Jan-11	364	170,015	29,286	140,729	1,228	1,207	21	114.60	(2,407)	138,322	167,608
Feb-11	367	173,272	29,286	143,986	1,409	1,329	80	102.19	(8,175)	135,811	165,097
Mar-11	371	148,902	29,286	119,616	1,190	1,116	74	100.52	(7,438)	112,178	141,464
Apr-11	367	126,027	29,286	96,741	956	935	21	101.19	(2,125)	94,616	123,902
Total		777,602	175,716	601,886	6,172	5,983	189	103.93	(19,642)	582,244	757,960

<u>Total Winter Season Normal Sales</u>	
November	81,377
December	130,733
January	219,770
February	218,115
March	184,199
April	162,713
Total	<u>996,907</u>

New Hampshire Gas Corporation
 Typical Residential Heating Bill - Fixed Price Option Program
 Forecasted 2011-2012 Winter Period vs. Actual 2010-2011 Winter Period

12 MONTHS ENDED 04/2011	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	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	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$8.20	\$8.20	\$8.20	\$8.20	\$8.20	\$8.20	\$49.20	\$100.80
Delivery Charge:															
First 80 therms @	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$533.16	\$85.55	\$58.82	\$32.08	\$32.08	\$44.91	\$75.93	\$329.37	\$862.53
Next 120 therms @	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$408.07	\$8.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.61	\$416.68
Over 200 therms @	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Base Delivery Revenue Total	\$123.64	\$160.66	\$194.06	\$194.96	\$175.10	\$144.41	\$992.83	\$102.36	\$67.02	\$40.28	\$40.28	\$53.11	\$84.13	\$387.18	\$1,380.01
Rate Case Surcharge	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851		
Rate Case Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7.66	\$4.68	\$2.55	\$2.55	\$3.57	\$6.04	\$27.05	\$27.05
COG Rates (Non-FPO rate; FPO was not offered)	\$1.6356	\$1.6356	\$1.7608	\$1.8437	\$1.8437	\$2.0445	\$1.7977	\$1.6796	\$1.6796	\$1.5444	\$1.5444	\$1.6303	\$1.8287	\$1.6808	
Cost of Gas Total	\$178.28	\$245.34	\$329.27	\$346.62	\$306.05	\$269.87	\$1,675.43	\$151.16	\$92.38	\$46.33	\$46.33	\$68.47	\$129.84	\$534.51	\$2,209.94
Total Bill	\$302	\$406	\$523	\$542	\$481	\$414	\$2,668	\$261	\$164	\$89	\$89	\$125	\$220	\$949	\$3,617
12 MONTHS ENDED 04/2012	Nov-11	Dec-11	Jan-12	Feb-12	Feb-12	Mar-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	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	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$105.60
Delivery Charge:															
First 80 therms @	\$1.1522	\$1.1522	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$553.08	\$88.86	\$61.09	\$33.32	\$33.32	\$46.65	\$78.87	\$342.11	\$895.19
Next 120 therms @	\$0.9442	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$426.77	\$9.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.03	\$435.80
Over 200 therms @	\$0.7946	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$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	\$106.49	\$69.69	\$41.92	\$41.92	\$55.25	\$87.47	\$402.74	\$1,436.59
Seasonal Base Delivery Difference from previous year							\$41.02							\$15.56	\$56.58
Seasonal Percent Change from previous year							4.1%							4.0%	4.1%
Rate Case Surcharge	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Rate Case 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	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.2449	\$2.1054	
Cost of Gas Total	\$243.69	\$335.36	\$418.08	\$420.31	\$371.13	\$295.11	\$2,083.68	\$175.44	\$107.21	\$65.84	\$67.35	\$94.29	\$159.39	\$669.52	\$2,753.20
Seasonal COG Difference from previous year							\$408.25							\$135.01	\$543.26
Seasonal Percent Change from previous year							24.4%							25.3%	24.6%
Total Bill	\$372	\$503	\$620	\$623	\$554	\$445	\$3,118	\$282	\$177	\$108	\$109	\$150	\$247	\$1,072	\$4,190
Seasonal Total Bill Difference from previous year							\$449.27							\$123.52	\$572.79
Seasonal Percent Change from previous year							16.8%							13.0%	15.8%
Seasonal Percent Change resulting from Base Rates							1.5%							1.6%	1.6%
Seasonal Percent Change resulting from COG							15.3%							14.2%	15.0%

(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 2011-2012 Winter Period vs. Actual 2010-2011 Winter Period

12 MONTHS ENDED 04/2011		Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	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		\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$8.20	\$8.20	\$8.20	\$8.20	\$8.20	\$8.20	\$49.20	\$100.80
Delivery Charge:																
First 80 therms @ \$1.1108		\$88.66	\$88.66	\$88.66	\$88.66	\$88.66	\$88.66	\$533.16	\$85.55	\$58.82	\$32.08	\$32.08	\$44.91	\$75.93	\$329.37	\$862.53
Next 120 therms @ \$0.9028		\$26.18	\$63.20	\$96.60	\$97.50	\$77.64	\$46.95	\$408.07	\$8.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.61	\$416.68
Over 200 therms @ \$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	\$0.00	\$0.00	\$0.00
Base Delivery Revenue Total		\$123.64	\$160.66	\$194.06	\$194.96	\$175.10	\$144.41	\$992.83	\$102.36	\$67.02	\$40.28	\$40.28	\$53.11	\$84.13	\$387.18	\$1,380.01
Rate Case Surcharge		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851		
Rate Case Surcharge Total		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7.66	\$4.68	\$2.95	\$2.55	\$3.57	\$6.04	\$27.05	\$27.05
COG Rates		\$1.6356	\$1.6356	\$1.7608	\$1.8437	\$1.8437	\$2.0445	\$1.7977	\$1.6796	\$1.6796	\$1.5444	\$1.5444	\$1.6303	\$1.8287	\$1.6808	
Cost of Gas Total		\$178.28	\$245.34	\$329.27	\$346.62	\$306.05	\$269.87	\$1,675.43	\$151.16	\$92.38	\$46.33	\$46.33	\$68.47	\$129.84	\$534.51	\$2,209.94
Total Bill		\$302	\$406	\$523	\$542	\$481	\$414	\$2,668	\$261	\$164	\$89	\$89	\$125	\$220	\$949	\$3,617
12 MONTHS ENDED 04/2012		Nov-11	Dec-11	Jan-12	Feb-12	Feb-12	Mar-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	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	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$8.60	\$51.60	\$105.60
Delivery Charge:																
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
Base Delivery Revenue Total		\$128.56	\$167.27	\$202.21	\$203.15	\$182.38	\$150.28	\$1,033.85	\$106.49	\$69.69	\$41.92	\$41.92	\$55.25	\$87.47	\$402.74	\$1,436.59
Seasonal Base Delivery Difference from previous year								\$41.02							\$15.56	\$56.58
Seasonal Percent Change from previous year								4.1%							4.0%	4.1%
Rate Case Surcharge		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Rate Case 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	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.2449	\$2.1054	
Cost of Gas Total		\$236.29	\$325.17	\$405.38	\$407.55	\$359.85	\$286.15	\$2,020.39	\$175.44	\$107.21	\$65.84	\$67.35	\$94.29	\$159.39	\$669.52	\$2,689.91
Seasonal COG Difference from previous year								\$344.96							\$135.01	\$479.97
Seasonal Percent Change from previous year								20.6%							25.3%	21.7%
Total Bill		\$365	\$492	\$608	\$611	\$542	\$436	\$3,054	\$282	\$177	\$108	\$109	\$150	\$247	\$1,072	\$4,127
Seasonal Total Bill Difference from previous year								\$385.98							\$123.52	\$509.50
Seasonal Percent Change from previous year								14.5%							13.0%	14.1%
Seasonal Percent Change resulting from Base Rates								1.5%							1.6%	1.6%
Seasonal Percent Change resulting from COG								12.9%							14.2%	13.3%

(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 2011-2012 Winter Period vs. Actual 2010-2011 Winter Period

12 MONTHS ENDED 04/2011		Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
1	Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
2	Commercial															
3	Customer Charge	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$103.20	\$16.40	\$16.40	\$16.40	\$16.40	\$16.40	\$16.40	\$98.40	\$201.60
4	Delivery Charge:															
5	First 80 therms @	\$88.86	\$88.86	\$88.86	\$88.86	\$88.86	\$88.86	\$533.16	\$85.55	\$85.55	\$77.00	\$77.00	\$85.55	\$85.55	\$496.20	\$1,029.36
6	Next 120 therms @	\$102.02	\$108.34	\$108.34	\$108.34	\$108.34	\$82.15	\$617.53	\$31.87	\$0.86	\$0.00	\$0.00	\$7.75	\$53.41	\$93.89	\$711.42
7	Over 200 therms @	\$0.00	\$51.97	\$73.81	\$46.70	\$25.61	\$0.00	\$198.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$198.09
8	Base Delivery Revenue Total	\$208.08	\$266.37	\$288.21	\$261.10	\$240.01	\$188.21	\$1,451.98	\$133.82	\$102.81	\$93.40	\$93.40	\$109.70	\$155.36	\$688.49	\$2,140.47
9	Rate Case Surcharge	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851		
10	Rate Case Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.96	\$6.89	\$6.13	\$6.13	\$7.57	\$12.08	\$48.76	\$48.76
11	COG Rates (Non-FPO rate; FPO was not offered)	\$1.6356	\$1.6356	\$1.7608	\$1.8437	\$1.8437	\$2.0445	\$1.7831	\$1.6796	\$1.6796	\$1.5444	\$1.5444	\$1.6303	\$1.8287	\$1.6749	
12	Cost of Gas Total	\$315.67	\$439.98	\$524.72	\$483.05	\$431.43	\$349.61	\$2,544.46	\$196.51	\$136.05	\$111.20	\$111.20	\$145.10	\$259.88	\$959.74	\$3,504.20
13	Total Bill	\$524	\$706	\$813	\$744	\$671	\$538	\$3,996	\$340	\$246	\$211	\$211	\$262	\$427	\$1,697	\$5,693
14																
15																
16																
17	12 MONTHS ENDED 04/2012	Nov-11	Dec-11	Jan-12	Feb-12	Feb-12	Mar-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
19	Commercial															
20	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
21	Delivery Charge:															
22	First 80 therms @	\$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
23	Next 120 therms @	\$106.69	\$113.30	\$113.30	\$113.30	\$113.30	\$85.92	\$645.81	\$33.40	\$0.90	\$0.00	\$0.00	\$8.13	\$55.97	\$98.40	\$744.21
24	Over 200 therms @	\$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
25	Base Delivery Revenue Total	\$216.87	\$278.31	\$301.35	\$272.75	\$250.50	\$196.10	\$1,515.88	\$139.46	\$106.96	\$97.18	\$97.18	\$114.19	\$162.03	\$717.00	\$2,232.88
26	Seasonal Base Delivery Difference from previous year							\$63.90							\$28.51	\$92.41
27	Seasonal Percent Change from previous year							4.4%							4.1%	4.3%
28	Rate Case Surcharge	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00	\$0.00
29	Rate Case 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
30	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	\$2.2449	\$2.1364	
31	Cost of Gas Total	\$431.49	\$601.40	\$666.24	\$585.75	\$523.15	\$382.30	\$3,190.33	\$228.07	\$157.89	\$158.00	\$161.63	\$199.80	\$318.78	\$1,224.17	\$4,414.50
32	Seasonal COG Difference from previous year							\$645.87							\$264.43	\$910.30
33	Seasonal Percent Change from previous year							25.4%							27.6%	26.0%
34	Total Bill	\$648	\$880	\$968	\$859	\$774	\$578	\$4,706	\$368	\$265	\$255	\$259	\$314	\$481	\$1,941	\$6,647
35	Seasonal Total Bill Difference from previous year							\$709.77							\$244.18	\$953.95
36	Seasonal Percent Change from previous year							17.8%							14.4%	16.8%
37	Seasonal Percent Change resulting from Base Rates							1.6%							1.7%	1.6%
38	Seasonal Percent Change resulting from COG							16.2%							15.6%	16.0%

New Hampshire Gas Corporation
 Typical Commercial Bill - Non-Fixed Price Option Program
 Forecasted 2011-2012 Winter Period vs. Actual 2010-2011 Winter Period

SCHEDULE L-2

12 MONTHS ENDED 04/2011		Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
1	Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
2	Commercial															
3	Customer Charge	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$17.20	\$103.20	\$16.40	\$16.40	\$16.40	\$16.40	\$16.40	\$16.40	\$98.40	\$201.60
4	Delivery Charge:															
5	First 80 therms @	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$1.1108	\$88.86	\$85.55	\$85.55	\$77.00	\$77.00	\$85.55	\$85.55	\$496.20	\$1,029.36
6	Next 120 therms @	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$0.9028	\$88.86	\$31.87	\$0.86	\$0.00	\$0.00	\$7.75	\$53.41	\$93.89	\$711.42
7	Over 200 therms @	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.7532	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$198.09
8	Base Delivery Revenue Total	\$208.08	\$266.37	\$288.21	\$261.10	\$240.01	\$188.21	\$1,451.98	\$133.82	\$102.81	\$93.40	\$93.40	\$109.70	\$155.36	\$688.49	\$2,140.47
9	Rate Case Surcharge	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851	\$0.0851
10	Rate Case Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.96	\$6.89	\$6.13	\$6.13	\$7.57	\$12.08	\$48.76	\$48.76
11	COG Rates	\$1.6356	\$1.6356	\$1.7608	\$1.8437	\$1.8437	\$2.0445	\$1.7831	\$1.6796	\$1.6796	\$1.5444	\$1.5444	\$1.6303	\$1.8287	\$1.6749	\$1.6749
12	Cost of Gas Total	\$315.67	\$439.98	\$524.72	\$483.05	\$431.43	\$349.61	\$2,544.46	\$196.51	\$136.05	\$111.20	\$111.20	\$145.10	\$259.68	\$959.74	\$3,504.20
13	Total Bill	\$524	\$706	\$813	\$744	\$671	\$538	\$3,996	\$340	\$246	\$211	\$211	\$262	\$427	\$1,697	\$5,693
14																
15																
16																
17	12 MONTHS ENDED 04/2012	Nov-11	Dec-11	Jan-12	Feb-12	Feb-12	Mar-12	Winter Nov-Apr	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000
19	Commercial															
20	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
21	Delivery Charge:															
22	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$92.18	\$88.86	\$88.86	\$79.98	\$79.98	\$88.86	\$88.86	\$515.40	\$1,068.48
23	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$106.69	\$33.40	\$0.90	\$0.00	\$0.00	\$8.13	\$55.97	\$98.40	\$744.21
24	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$208.99
25	Base Delivery Revenue Total	\$216.87	\$278.31	\$301.35	\$272.75	\$250.50	\$196.10	\$1,515.88	\$139.46	\$106.96	\$97.18	\$97.18	\$114.19	\$162.03	\$717.00	\$2,232.88
26	Seasonal Base Delivery Difference from previous year							\$63.90							\$28.51	\$92.41
27	Seasonal Percent Change from previous year							4.4%							4.1%	4.3%
28	Rate Case Surcharge	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
29	Rate Case 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
30	COG Rates	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$2.1678	\$1.9493	\$1.9493	\$2.1945	\$2.2449	\$2.2449	\$2.2449	\$2.1364	\$2.1364
31	Cost of Gas Total	\$418.39	\$583.14	\$646.00	\$567.96	\$507.27	\$370.69	\$3,093.45	\$228.07	\$157.89	\$158.00	\$161.63	\$199.80	\$318.78	\$1,224.17	\$4,317.62
32	Seasonal COG Difference from previous year							\$548.99							\$264.43	\$813.42
33	Seasonal Percent Change from previous year							21.6%							27.6%	23.2%
34	Total Bill	\$635	\$861	\$947	\$841	\$758	\$567	\$4,609	\$368	\$265	\$255	\$259	\$314	\$481	\$1,941	\$6,551
35	Seasonal Total Bill Difference from previous year							\$612.89							\$244.18	\$857.07
36	Seasonal Percent Change from previous year							15.3%							14.4%	15.1%
37	Seasonal Percent Change resulting from Base Rates							1.6%							1.7%	1.6%
38	Seasonal Percent Change resulting from COG							13.7%							15.6%	14.3%

SCHEDULE M

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
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						\$2,220		\$2,217	\$4

MONT BELVIEU PROPANE FUTURES - 10/14/11 CLOSE

ClearPort > MONT BELVIEU LDH PROPANE Nov 2011 (E)

x Advertisement	Free Currency Trading eBook From: Forex.com	1.53042 + 2011-10-14
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ClearPort > MONT BELVIEU LDH PROPANE Dec 2011 (E)

x Advertisement	Free Currency Trading eBook From: Forex.com	1.53042 + 2011-10-14
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ClearPort > MONT BELVIEU LDH PROPANE Jan 2012 (E)

x Advertisement	Free Currency Trading eBook From: Forex.com	1.53469 + 2011-10-14
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ClearPort > MONT BELVIEU LDH PROPANE Feb 2012 (E)

x Advertisement	Free Currency Trading eBook From: Forex.com	1.51344 + 2011-10-14
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ClearPort > MONT BELVIEU LDH PROPANE Mar 2012 (E)

x Advertisement	Free Currency Trading eBook From: Forex.com	1.40063 + 2011-10-14
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ClearPort > MONT BELVIEU LDH PROPANE Apr 2012 (E)

x Advertisement	Free Currency Trading eBook From: Forex.com	1.33042 + 2011-10-14
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RATES (In Cents-per-bbl.)

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

Destination	Origin	
	Arcadia (Bienville Parish, LA)	Mount 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
Floeffe 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 [N] (S)	292.78 [N] (S)
Lima (Allen Co., OH)	289.63	313.60
North Little Rock (Polk Co., AR)	184.86	208.71
Oneonta (Otsego Co., NY)	452.05 (1)	473.26 (1)
Princeton (Gibson Co., IN)	294.65	318.70
Schaefferstown (Lebanon Co., PA)	420.90	444.56
Selkirk (Albany Co., NY)	[C] 482.11 (1)	[C] 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 [N] (S)

PIPELINE RATES

September 28, 2011

APPENDIX 2B

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)	See page 12 of 16	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)	See page 5 of 16	30.0	42	0.0071

From: Kirsten Simpson [mailto:k.simpson@northerngastransport.com]
Sent: Wednesday, October 12, 2011 08:16 AM
Subject: Fuel Surcharge email .doc

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

October 12, 2011

To: All Customers

Re: Fuel Surcharge

As of Monday, October 10, 2011 the Department of Energy New England average price per gallon of diesel fuel was \$3.912. All deliveries invoiced from Sunday, October 16, 2011 through Saturday, October 22, 2011 will be line item assessed at 29.5% 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 Surchage Rate	Fuel Surchage	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

LEASE AGREEMENT

This Lease Agreement ("Lease") is made as of this 17th day of May 2011, between Haffner's Service Station Inc. (hereinafter "Haffners"), a gas/oil company organized and existing under the laws of the State of New Hampshire, with a principal place of business at 7 Sophia's Way, Greenville, New Hampshire 03048 and New Hampshire Gas Corporation, a corporation existing under the laws of the State of New Hampshire, with a principal place of business at 32 Central Square, Keene, New Hampshire 03431 (hereinafter "NHGC" and, together with Haffners, the "Parties"). Together the Parties hereby agree as follows:

WHEREAS, NHGC desires 60,000 gallons (net 51,000 @ 85%) of storage space for its propane for the 2011-2012 heating season; and

WHEREAS, Haffner's has available 60,000 gallons of storage space at its property located at 7 Sophia's Way, Greenville, New Hampshire 03048 and

WHEREAS, Haffner's is willing to lease storage space on a best efforts basis to meet the needs of NHGC for propane storage;

NOW, THEREFORE, in consideration of the mutual undertaking of the Parties as stated in this Lease, Haffner's and NHGC agree as follows:

1. Haffner's shall use its reasonable best efforts to make available to NHGC, subject to Haffner's Priority Right (as such term is defined below), propane storage as follows: (i) 60,000 gallons of storage on the Greenville Property. Haffner's retains all rights to retain sufficient storage capacity at the Haffner's Property for its own peaking needs (such rights collectively the "Haffner's Priority Right"). Notwithstanding the foregoing, in the event that the use of the storage space leased to NHGC pursuant to this Lease is necessary for Haffner's to meet its own peaking needs, the Parties shall use their reasonable best efforts to cooperate to achieve the objective of securing sufficient propane to meet the needs of both Parties.

2. This Lease shall be effective as of June 1, 2011 and shall continue until May 31, 2012 unless the lease is renewed or terminated earlier in accordance herewith. Upon the expiration or termination of this Lease, NHGC agrees to use reasonable best efforts at its sole cost and expense to ensure that all propane stored by NHGC pursuant to this Lease is removed from the Haffner's Property within thirty (30) days. Haffner's shall take title to, if any, propane not removed during such period. Haffner's, in its sole discretion, may either take title to such propane or cause it to be removed at NHGC's sole cost and expense (including reasonable attorneys' fees). Sections 3 -14 hereof shall remain in full force and effect until all propane has been removed or Haffner's has taken title to such propane.

3. The total fee paid by NHGC to Haffner's for the storage services provided pursuant to this Lease shall be _____ (the "Storage Fee"). The Storage Fee shall be payable by NHGC upon the date hereof.
4. NHGC shall be solely responsible for all operations associated with the loading and unloading of the propane in and out of NHGC's transport tankers, and shall perform such operations with due care.
5. Except as set forth in Section 2 hereof, title to the propane stored pursuant to this Lease shall, at all times, be in NHGC's name. Haffner's makes no warranty of title whatsoever. NHGC warrants for itself, its successors and assigns that it will have at all times good title or valid right to deliver and store all propane stored pursuant to this Lease, and that such propane will be of a quality suitable for storage at the Haffners Property. NHGC agrees to indemnify and hold Haffner's harmless from all claims, damages, suits, penalties, fines or other costs arising directly or indirectly from or with respect to the title to or quality of the propane stored pursuant to this Lease.
6. NHGC shall maintain commercial general liability insurance in a minimum amount of 1 Million, which shall include coverage for, without limitation, injury to or death of a person or persons or damage to property occasioned by or arising out of or in connection with NHGC's use of the Haffner's Property.
7. Either Party may terminate this Lease upon written notice to the other Party in the event that such other Party shall have materially breached the provisions hereof. The provisions of Sections 5 - 14 hereof shall survive the termination or expiration of this Lease.
8. NEITHER PARTY NOR ITS AGENTS OR EMPLOYEES SHALL BE LIABLE TO THE OTHER HEREUNDER FOR AMOUNTS REPRESENTING LOSS OF REVENUES, LOSS OF PROFITS, LOSS OF BUSINESS, OR INDIRECT, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES, EVEN IF HAFFNERS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
9. NHGC shall indemnify and hold harmless and at its option, Defend in an indemnity suit, Haffner's for any and all claims, damages, suits, penalties, fines or other costs to the extent arising directly or indirectly from or with respect to the negligent or willful actions, of its employees, officers, directors, contractors or agents related to this Lease and the services to be provided hereunder.
10. This Lease shall be governed by the laws of the State of New Hampshire, without regard to its choice of law provisions. All disputes arising out of this Lease shall be subject to the exclusive jurisdiction of, and venue in, federal and state courts located in New Hampshire. The Parties hereby irrevocably consent to the personal and exclusive jurisdiction and venue of such courts.

11. This Lease may not be assigned by either Party without the written consent of the other Party, provided that no such consent shall be required to an assignment pursuant to a merger, corporate reorganization, or sale of all or substantially all of the assets of a Party. This Lease shall be binding upon, and shall inure to the benefit of, the permitted successors and assigns of the Parties.

12. No delay, failure or default in performance of an obligation hereunder (other than the obligation to make payment of amounts due hereunder) shall constitute a breach of this Lease to the extent caused by acts of God, strikes, lockouts, acts of war, civil disturbances or other causes not within the control of the Party claiming suspension and which such Party is not able to prevent or overcome with the exercise of due diligence.

13. All written notices to Haffner's in connection with this Lease shall be provided by fax and overnight express mail to the following:

Haffner's Service Station Inc.
7 Sophia's Way
Greenville, NH 03048

14. All written notices to NHGC in connection with this Lease shall be provided by fax and overnight express mail to the following:

Mr. Michael Eastman
Vice President, Gas Assets
Rochester Gas and Electric
89 East Avenue
Rochester, NY 14649-0001
Facsimile 585-724-8641

[Signature Page Follows]

This Lease, which may be executed in duplicate, is entered into on this 26 day of May, 2011.

Haffners Service Station, Inc.

By: Peggy Willett

Title: OFFICE MANAGER

New Hampshire Gas Corporation

By: Michael S. Eastman

Title: Trainer NH Gas



APPENDIX 5
*Specializing in the transportation of
bulk petroleum products*

*Family owned and operated since 1983
Website: Northerntransport.com*

P.O. Box 106 • 212 Northern Circle • Lyndonville, VT 05851 • (802) 626-8621 • (802) 626-5039 Fax

September 19, 2011

Mr. Steve Rokes
General Manager
New Hampshire Gas Corporation
32 Central Square
Keene, NH 03431

Subject: Propane Delivery

Dear Steve:

The purpose of this letter is to respond to New Hampshire Gas Corporation's inquiry of Northern Gas Transport's ability to deliver a load of propane (9000 gallons each) daily for a continuous five-day period as stated in Section PUC 506.3 of the New Hampshire Code of Administrative Rules.

During the winter heating season, Northern Gas Transport has shown its determination to meet the supply needs of New Hampshire Gas Corporation. Unprecedented demand, long lines at the supply terminals and continuous colder than normal weather along with the customary supply allocations enacted by the pipelines made the 2010-11 heating season especially challenging. However, through almost daily communication with New Hampshire Gas staff regarding arrangements for alternate sources of supply and the management, staff and drivers of Northern Gas Transport, we met those needs.

A continuation of the current working relationship will allow Northern Gas Transport to meet the future needs of New Hampshire Gas Corporation including the provision for a truck load of propane (9000 gallons) daily for a continuous five-day period at any time during the winter heating season. If there is an interruption in normal supply routes, Northern Gas Transport will pull product from the two 30,000 gallon storage facilities leased by New Hampshire Gas Corporation in Greenville, New Hampshire. This provision is conditioned upon absence of forced majeure and New Hampshire Gas Corporation's ability to arrange adequate sources of supply.

Any such continuation of delivery service would be performed in conformance with Northern Gas Transport's commitment to the safety of the public and that of its drivers. We follow all Federal Motor Carrier Safety Rules and Regulations as set forth by the Department of Transportation.

We thank you for your business and the confidence you have placed in us. We look forward to working with you in the future and will do our best to continue the same level of service you have come to expect from all of us at Northern Gas Transport.

Sincerely,

Susan S. Noyes
Vice President and Treasurer
Northern Gas Transport, Inc.