

NEW HAMPSHIRE GAS CORPORATION
COST OF GAS RATE FILING - DG 14-____
WINTER PERIOD 2014 - 2015
ORIGINAL FILING

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New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2014 through April 30, 2015

Projected Gas Sales - therms		1,076,725
Total Anticipated Cost of Propane Sendout		\$1,826,090
Add: Prior Period Deficiency Uncollected Interest	\$9,404 \$2,382	
Deduct: Prior Period Excess Collected Interest	\$0 \$0	
Prior Period Adjustments and Interest		\$11,786
Total Anticipated Cost		<u>\$1,837,876</u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	<u>\$1.7069</u>
Fixed Price Option Premium	\$0.0200
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.7269</u>

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

Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm)	<u>\$2.1336</u>
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Issued: October __, 2014
Effective: November 1, 2014

Issued By: _____
Michael D. Eastman
Treasurer

In Compliance with DG 14-____, Order No. _____

New Hampshire Gas Corporation

Calculation of the Cost of Gas Rate

Period Covered:	Winter Period November 1, 2013 through April 30, 2014		
	Winter Period November 1, 2014 through April 30, 2015		
Projected Gas Sales - therms		—1,017,695	1,076,725
Total Anticipated Cost of Propane Sendout		\$1,682,095	\$1,826,090
Add:	Prior Period Deficiency Uncollected Interest	\$23,544 \$2,541	\$9,404 \$2,382
Deduct:	Prior Period Excess Collected Interest	\$0 \$0	\$0 \$0
	Prior Period Adjustments and Interest		\$26,085 \$11,786
Total Anticipated Cost		<u>\$1,708,180</u>	<u>\$1,837,876</u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	<u>\$1.6785</u>	<u>\$1.7069</u>
Fixed Price Option Premium	\$0.0200	
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.6985</u>	<u>\$1.7269</u>
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$1.6785	
Mid-Period Adjustment - December 1, 2013	\$0.0468	
Mid-Period Adjustment - January 1, 2014	\$0.1213	
Mid-Period Adjustment - February 1, 2014	\$0.2515	
Mid-Period Adjustment - March 1, 2014	\$0.4374	
Mid-Period Adjustment - April 1, 2014	(\$0.6613)	
Revised Non-Fixed Price Option Cost of Gas Rate - Effective April 1, 2014 (per therm)	<u>\$1.8742</u>	

Pursuant to tariff section 17(d) and ~~Commission Order 25,632~~, the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:

Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm)	<u><u>\$2.6623</u></u>	<u><u>\$2.1336</u></u>
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Issued: ~~March 25, 2014~~ October __, 2014 Issued By: _____
 Effective: ~~April 1, 2014~~ November 1, 2014 Michael D. Eastman
 Treasurer

In Compliance with DG 13-261, Order Nos. 25,588 and 25,632
 In Compliance with DG 14-____, Order No. _____

NEW HAMPSHIRE GAS CORPORATION
 CONVERSION OF GAS COSTS - GALLONS TO THERMS
 WINTER PERIOD 2014 - 2015

	(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	1,250,902	1,144,600	\$1.4638	\$1.5997

NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS RATE
SUPPLY / DEMAND BALANCE
WINTER PERIOD 2014 - 2015

	PRIOR	NOV 14	DEC 14	JAN 15	FEB 15	MAR 15	APR 15	TOTAL
<u>SENDOUT (THERMS)</u>								
1 FIRM SENDOUT *		156,889	204,564	257,478	208,915	182,919	100,947	1,111,712
2 COMPANY USE		4,601	6,189	6,572	5,992	6,026	3,508	32,888
3 TOTAL SENDOUT		161,490	210,753	264,050	214,907	188,945	104,455	1,144,600
4 * UNACCTED FOR VOLS INCLUDED		1,538	2,005	2,524	2,048	1,793	990	10,898
<u>COSTS</u>								
5 PROPANE SENDOUT FROM ABOVE		161,490	210,753	264,050	214,907	188,945	104,455	1,144,600
6 COST/THERM FROM SCHEDULE F		\$1.6192	\$1.6020	\$1.6000	\$1.5977	\$1.5883	\$1.5891	\$1.5997
7 FPO PREMIUM		(\$414)	(\$712)	(\$1,015)	(\$1,122)	(\$937)	(\$752)	(\$4,952)
8 TOTAL PROPANE COSTS		\$261,078	\$336,911	\$421,460	\$342,241	\$299,161	\$165,239	\$1,826,090
<u>REVENUES</u>								
9 FIRM SALES (THERMS)		90,051	154,773	220,719	243,967	203,700	163,515	1,076,725
10 RATE/THERM PER TARIFF		\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069
11 TOTAL REVENUES		\$153,709	\$264,184	\$376,748	\$416,431	\$347,698	\$279,106	\$1,837,876
12 (OVER)/UNDER COLLECTION		\$107,369	\$72,727	\$44,712	(\$74,190)	(\$48,537)	(\$113,867)	(\$11,786)
13 INTEREST FROM SCHEDULE H		\$171	\$416	\$576	\$537	\$373	\$154	\$2,227
14 <u>FINAL (OVER)/UNDER COLLECTION</u>	\$9,559	\$107,540	\$73,143	\$45,288	(\$73,653)	(\$48,164)	(\$113,713)	\$0

NEW HAMPSHIRE GAS CORPORATION
 CALCULATION OF PURCHASED PROPANE COSTS
 WINTER PERIOD 2014 - 2015

LINE NO.		NOV 2014	DEC 2014	JAN 2015	FEB 2015	MAR 2015	APR 2015	TOTAL
1	TOTAL SENDOUT (GALLONS)	176,488	230,326	288,573	234,866	206,493	114,156	1,250,902
2	CHANGE TO ENDING INVENTORY BALANCE (GALLONS)	3,000	1,000	(1,000)	(5,000)	(15,000)	(20,000)	(37,000)
3	TOTAL REQUIRED PURCHASES (GALLONS)	179,488	231,326	287,573	229,866	191,493	94,156	1,213,902
4	PROPANE PURCHASE STABILIZATION PLAN DELIVERIES							
5	GALLONS	95,000	145,000	170,000	140,000	110,000	65,000	725,000
6	RATES - from Schedule D							
7	Contract Price	\$1.4791	\$1.4791	\$1.4791	\$1.4791	\$1.4791	\$1.4791	
8	Broker Fee	incl.	incl.	incl.	incl.	incl.	incl.	
9	Pipeline Fee	incl.	incl.	incl.	incl.	incl.	incl.	
10	PERC Fee	incl.	incl.	incl.	incl.	incl.	incl.	
11	Trucking Fee	incl.	incl.	incl.	incl.	incl.	incl.	
12	COST PER GALLON	\$1.4791	\$1.4791	\$1.4791	\$1.4791	\$1.4791	\$1.4791	\$1.4791
13	TOTAL COST - Propane Purchase Stabilization Plan Deliveries	\$140,515	\$214,470	\$251,447	\$207,074	\$162,701	\$96,142	\$1,072,349
14	SPOT PURCHASES							
15	GALLONS	84,488	86,326	117,573	89,866	81,493	29,156	488,902
16	RATES - from Schedule E							
17	Mt. Belvieu Futures Price (09/03/14)	\$1.0450	\$1.0500	\$1.0613	\$1.0538	\$1.0313	\$1.0200	
18	Broker Fee	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	
19	Pipeline Fee	\$0.2112	\$0.2112	\$0.2112	\$0.2112	\$0.2112	\$0.2112	
20	PERC Fee	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	
21	Supplier Charge	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	\$0.0800	
22	Trucking Fee	\$0.0745	\$0.0745	\$0.0745	\$0.0745	\$0.0745	\$0.0745	
23	COST PER GALLON	\$1.4247	\$1.4297	\$1.4410	\$1.4335	\$1.4110	\$1.3997	\$1.4273
24	TOTAL COST - Spot Purchases	\$120,370	\$123,420	\$169,423	\$128,823	\$114,986	\$40,810	\$697,832
25	OTHER ITEMS							
26	Storage - Winter Period 2014-2015	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
27	Refund of Deferred Revenue Surcharge overcollection	(\$3,400)	\$0	\$0	\$0	\$0	\$0	(\$3,400)
28	TOTAL OTHER ITEMS	\$11,600	\$0	\$0	\$0	\$0	\$0	\$11,600
29	TOTAL							
30	GALLONS	179,488	231,326	287,573	229,866	191,493	94,156	1,213,902
31	THERMS	164,235	211,668	263,135	210,332	175,220	86,155	1,110,745
32	COST	\$272,485	\$337,890	\$420,870	\$335,897	\$277,687	\$136,952	\$1,781,781
33	COST PER GALLON	\$1.5181	\$1.4607	\$1.4635	\$1.4613	\$1.4501	\$1.4545	\$1.4678
34	COST PER THERM	\$1.6591	\$1.5963	\$1.5994	\$1.5970	\$1.5848	\$1.5896	\$1.6041

NEW HAMPSHIRE GAS CORPORATION
PROPANE PURCHASING STABILIZATION PLAN
WINTER PERIOD 2014 - 2015

Line
No.

1	2	3	Pre-Purchases (Gallons)					8
			4	5	6	7	9	
10	Delivery Month	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
	Nov-14	19,000	14,250	14,250	19,000	14,250	14,250	95,000
	Dec-14	29,000	21,750	21,750	29,000	21,750	21,750	145,000
	Jan-15	34,000	25,500	25,500	34,000	25,500	25,500	170,000
	Feb-15	28,000	21,000	21,000	28,000	21,000	21,000	140,000
	Mar-15	22,000	16,500	16,500	22,000	16,500	16,500	110,000
	Apr-15	13,000	9,750	9,750	13,000	9,750	9,750	65,000
	Total	145,000	108,750	108,750	145,000	108,750	108,750	725,000
	Monthly %	20.0%	15.0%	15.0%	20.0%	15.0%	15.0%	

11	Delivery Price per Gallon	\$1.4754	\$1.4865	\$1.5094	\$1.4755	\$1.4721	\$1.4583	
12	Total Cost	\$213,933	\$161,657	\$164,147	\$213,948	\$160,091	\$158,590	\$1,072,366
13	Weighted Average Winter Contract Price per gallon							\$1.4791
14	Weighted Average Winter Contract Price per therm							\$1.6165

NEW HAMPSHIRE GAS CORPORATION
 PROPANE SPOT MARKET PURCHASE COST ANALYSIS
 WINTER PERIOD 2014 - 2015

	(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 NOV	1.0450	+ 0.0100	+ 0.2112	+ 0.0040	+ 0.0800	= 1.3502	+ 0.0745	= 1.4247	= 1.5570
2 DEC	1.0500	+ 0.0100	+ 0.2112	+ 0.0040	+ 0.0800	= 1.3552	+ 0.0745	= 1.4297	= 1.5625
3 JAN	1.0613	+ 0.0100	+ 0.2112	+ 0.0040	+ 0.0800	= 1.3665	+ 0.0745	= 1.4410	= 1.5748
4 FEB	1.0538	+ 0.0100	+ 0.2112	+ 0.0040	+ 0.0800	= 1.3590	+ 0.0745	= 1.4335	= 1.5666
5 MAR	1.0313	+ 0.0100	+ 0.2112	+ 0.0040	+ 0.0800	= 1.3365	+ 0.0745	= 1.4110	= 1.5420
6 APR	1.0200	+ 0.0100	+ 0.2112	+ 0.0040	+ 0.0800	= 1.3252	+ 0.0745	= 1.3997	= 1.5297

1. Propane futures market quotations (cmegroup.com) on 09/03/14 close. See Appendix 1.

2. Enterprise TE Products Pipeline Co., FERC tariff 54.29.0 effective 08/12/14. 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 2014 - 2015

LINE NO.				Rate			
		Therms	Cost	Therm	Gal.		
1	August 2014 (Actual)						
2	Beginning Balance	40,638	\$61,062	\$1.5026	\$1.3749		
3	Purchases Received	41,396	\$61,535	\$1.4865	\$1.3602		
4	Total Available	82,033	\$122,597	\$1.4945	\$1.3675		
5	Less Sendout	44,746	\$66,872	\$1.4945	\$1.3675		
6	Ending Balance	37,287	\$55,725	\$1.4945	\$1.3675		
7	September 2014 (Estimated)						
8	Beginning Balance	37,287	\$55,725	\$1.4945	\$1.3675		
9	Purchases Received	74,575	\$113,361	\$1.5201	\$1.3909		
10	Total Available	111,862	\$169,086	\$1.5116	\$1.3831		
11	Less Sendout	53,155	\$80,347	\$1.5116	\$1.3831		
12	Ending Balance	58,707	\$88,739	\$1.5115	\$1.3831		
13	October 2014 (Estimated)						
14	Beginning Balance	58,707	\$88,739	\$1.5115	\$1.3831		
15	Purchases Received	95,000	\$145,056	\$1.5269	\$1.3971		
16	Total Available	153,707	\$233,795	\$1.5210	\$1.3918		
17	Less Sendout	87,035	\$132,384	\$1.5210	\$1.3918		
18	Ending Balance	66,672	\$101,411	\$1.5210	\$1.3918		
19	November 2014 (Forecasted)						
20	Beginning Balance	66,672	\$101,411	\$1.5210	\$1.3918		
21	Purchases Received	164,235	\$272,485	\$1.6591	\$1.5181		
22	Total Available	230,907	\$373,896	\$1.6192	\$1.4816		
23	Less Sendout	161,490	\$261,492	\$1.6192	\$1.4816	161,490	\$261,492
24	Ending Balance	69,417	\$112,404	\$1.6193	\$1.4816		
25	December 2014 (Forecasted)						
26	Beginning Balance	69,417	\$112,404	\$1.6193	\$1.4816		
27	Purchases Received	211,668	\$337,890	\$1.5963	\$1.4607		
28	Total Available	281,085	\$450,294	\$1.6020	\$1.4658		
29	Less Sendout	210,753	\$337,623	\$1.6020	\$1.4658	210,753	\$337,623
30	Ending Balance	70,332	\$112,671	\$1.6020	\$1.4658		
31	January 2015 (Forecasted)						
32	Beginning Balance	70,332	\$112,671	\$1.6020	\$1.4658		
33	Purchases Received	263,135	\$420,870	\$1.5994	\$1.4635		
34	Total Available	333,467	\$533,541	\$1.6000	\$1.4640		
35	Less Sendout	264,050	\$422,475	\$1.6000	\$1.4640	264,050	\$422,475
36	Ending Balance	69,417	\$111,066	\$1.6000	\$1.4640		
37	February 2015 (Forecasted)						
38	Beginning Balance	69,417	\$111,066	\$1.6000	\$1.4640		
39	Purchases Received	210,332	\$335,897	\$1.5970	\$1.4613		
40	Total Available	279,749	\$446,963	\$1.5977	\$1.4620		
41	Less Sendout	214,907	\$343,363	\$1.5977	\$1.4620	214,907	\$343,363
42	Ending Balance	64,842	\$103,600	\$1.5977	\$1.4619		
43	March 2015 (Forecasted)						
44	Beginning Balance	64,842	\$103,600	\$1.5977	\$1.4619		
45	Purchases Received	175,220	\$277,687	\$1.5848	\$1.4501		
46	Total Available	240,062	\$381,287	\$1.5883	\$1.4533		
47	Less Sendout	188,945	\$300,098	\$1.5883	\$1.4533	188,945	\$300,098
48	Ending Balance	51,117	\$81,189	\$1.5883	\$1.4533		
49	April 2015 (Forecasted)						
50	Beginning Balance	51,117	\$81,189	\$1.5883	\$1.4533		
51	Purchases Received	86,155	\$136,952	\$1.5896	\$1.4545		
52	Total Available	137,272	\$218,141	\$1.5891	\$1.4541		
53	Less Sendout	104,455	\$165,991	\$1.5891	\$1.4541	104,455	\$165,991
54	Ending Balance	32,817	\$52,150	\$1.5891	\$1.4541		
55		AVERAGE WINTER RATE - SENDOUT		\$1.5997	1,144,600	\$1,831,042	
56					FPO Premium (Sch. B, Line 7)	(\$4,952)	
57					Total Propane Cost - Sendout (Sch. B, Line 8)	\$1,826,090	

NEW HAMPSHIRE GAS CORPORATION
PRIOR PERIOD (OVER)/UNDER COLLECTION
WINTER PERIOD 2013 - 2014

	<u>PRIOR</u>	<u>NOV 13</u>	<u>DEC 13</u>	<u>JAN 14</u>	<u>FEB 14</u>	<u>MAR 14</u>	<u>APR 14</u>	<u>TOTAL</u>
<u>COSTS</u>								
1	FIRM SENDOUT (therms)	156,068	217,316	264,440	225,583	215,827	102,905	1,182,140
2	COMPANY USE (therms)	4,601	6,189	6,572	5,992	6,026	3,508	32,888
3	TOTAL SENDOUT (therms)	160,669	223,505	271,012	231,575	221,853	106,413	1,215,028
4	COST PER THERM	\$1.6462	\$1.8363	\$2.0810	\$1.9998	\$1.5965	\$1.6549	\$1.8372
5	TOTAL PROPANE COSTS	\$264,497	\$410,416	\$563,964	\$463,095	\$354,188	\$176,107	\$2,232,266
<u>REVENUES</u>								
6	FPO SALES (therms)	16,698	29,886	42,411	44,189	39,523	33,672	206,379
7	NON-FPO SALES (therms)	72,078	127,160	192,549	210,372	184,719	156,937	943,815
8	TOTAL SALES	88,776	157,046	234,960	254,561	224,242	190,609	1,150,194
9	FPO RATE PER THERM	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985
10	NON-FPO RATE PER THERM	\$1.6785	\$1.7253	\$1.8466	\$2.0981	\$2.5355	\$1.8742	\$2.0132
11	FPO REVENUES	\$28,362	\$50,761	\$72,035	\$75,055	\$67,130	\$57,192	\$350,535
12	NON-FPO REVENUES	\$120,983	\$219,400	\$355,561	\$441,379	\$468,483	\$294,245	\$1,900,051
13	TOTAL REVENUES	\$149,345	\$270,162	\$427,596	\$516,434	\$535,612	\$351,437	\$2,250,586
14	(OVER)/UNDER COLLECTION	\$115,152	\$140,254	\$136,368	(\$53,339)	(\$181,425)	(\$175,330)	(\$18,320)
15	INTEREST AMOUNT	\$221	\$567	\$943	\$1,058	\$743	\$262	\$3,795
16	FINAL (OVER)/UNDER COLLECTION	\$23,929	\$139,301	\$280,123	\$365,154	\$184,472	\$9,404	

NEW HAMPSHIRE GAS CORPORATION

INTEREST CALCULATION
WINTER PERIOD 2014 - 2015

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 2014	\$9,404	\$0	\$0	\$9,404	\$9,404	3.25%	\$25	\$9,429
2	JUN	9,429	0	0	9,429	9,429	3.25%	26	9,455
3	JUL	9,455	0	0	9,455	9,455	3.25%	26	9,481
4	AUG	9,481	0	0	9,481	9,481	3.25%	26	9,507
5	SEP	9,507	0	0	9,507	9,507	3.25%	26	9,533
6	OCT	9,533	0	0	9,533	9,533	3.25%	26	9,559
7	NOV	9,559	107,369	0	116,928	63,244	3.25%	171	117,099
8	DEC	117,099	72,727	0	189,826	153,463	3.25%	416	190,242
9	JAN 2015	190,242	44,712	0	234,954	212,598	3.25%	576	235,530
10	FEB	235,530	(74,190)	0	161,340	198,435	3.25%	537	161,877
11	MAR	161,877	(48,537)	0	113,340	137,609	3.25%	373	113,713
12	APR	113,713	(113,867)	0	(154)	56,780	3.25%	154	0
13									
14								<u>\$2,382</u>	
15	PRIOR PERIOD BEG. BALANCE w/INTEREST @ NOVEMBER 1, 2014 =								
16	PRIOR PERIOD BEG. BAL. @ MAY 1, 2014 + INTEREST AMOUNT FOR MAY 2014 - OCTOBER 2014								
17	=	COL. 1, LINE 1	+	COL. 7, LINES 1 TO 6					
18	=	9,404	+	155	=	<u>9,559</u>	@ NOVEMBER 1, 2014	(TRANSFER TO SCHEDULE B, LINE 14)	

New Hampshire Gas Corporation Weather Normalization - Firm Sendout													
Period	Actual Firm Sendout	Base Use	Heat Use	Actual Calendar Month Degree Days	Normal Calendar Month Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normalized Firm Sendout	Actual Company Use	Unaccounted For 0.99%	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) * 0.99%	(10) - (11) + (12)
Nov-13	160,669	45,587	115,083	802	797	5	143.49	(717)	114,365	159,952	4,601	1,538	156,889
Dec-13	223,505	45,587	177,918	1,278	1,172	106	139.22	(14,757)	163,161	208,748	6,189	2,005	204,564
Jan-14	271,012	45,587	225,426	1,402	1,343	59	160.79	(9,487)	215,939	261,526	6,572	2,524	257,478
Feb-14	231,575	45,587	185,988	1,272	1,144	128	146.22	(18,716)	167,273	212,859	5,992	2,048	208,915
Mar-14	221,853	45,587	176,266	1,214	975	239	145.19	(34,702)	141,565	187,151	6,026	1,793	182,919
Apr-14	106,413	45,587	60,826	619	589	30	98.27	(2,948)	57,878	103,465	3,508	990	100,947
Total	1,215,028	273,521	941,507	6,587	6,020	567		(81,326)	860,181	1,133,701	32,888	10,898	1,111,712

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-13	762	18,746	7,296	11,451	545	560	(15)	21.01	315	11,766	19,061
Dec-13	768	34,221	7,296	26,926	871	852	19	30.91	(587)	26,338	33,634
Jan-14	767	52,117	7,296	44,822	1,304	1,208	96	34.37	(3,300)	41,522	48,817
Feb-14	769	52,791	7,296	45,496	1,376	1,303	73	33.06	(2,414)	43,082	50,377
Mar-14	781	47,566	7,296	40,271	1,262	1,114	148	31.91	(4,723)	35,548	42,843
Apr-14	772	39,623	7,296	32,328	1,116	912	204	28.97	(5,909)	26,418	33,714
Total		245,064	43,773	201,291	6,474	5,949	525	31.65	(16,618)	184,673	228,446

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-13	430	70,030	37,932	32,098	535	551	(16)	60.00	960	33,058	70,990
Dec-13	438	122,825	37,932	84,893	856	839	17	99.17	(1,686)	83,207	121,139
Jan-14	445	182,843	37,932	144,911	1,298	1,200	98	111.64	(10,941)	133,970	171,902
Feb-14	422	201,770	37,932	163,838	1,382	1,313	69	118.55	(8,180)	155,658	193,590
Mar-14	437	176,676	37,932	138,744	1,263	1,119	144	109.85	(15,819)	122,925	160,857
Apr-14	446	150,986	37,932	113,054	1,142	928	214	99.00	(21,185)	91,869	129,801
Total		905,130	227,592	677,538	6,476	5,950	526	108.08	(56,851)	620,687	848,279

Summary - Total Winter Season Billed Sales

	Actual 2013-2014	Normalized
November	88,776	90,051
December	157,046	154,773
January	234,960	220,719
February	254,561	243,967
March	224,242	203,700
April	190,609	163,515
Total	1,150,194	1,076,725

New Hampshire Gas Corporation
Typical Residential Heating Bill - Fixed Price Option Program
Forecasted 2014-2015 Winter Period vs. Actual 2013-2014 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Winter Nov-Apr	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Summer May-Oct	Total Nov-Oct
12 MONTHS ENDED 04/2014															
Typical Usage - therms (1)	37	82	106	123	102	88	538	44	21	13	11	11	15	115	653
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:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$42.63	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$503.53	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$636.03
Next 120 therms @ \$0.9442	\$0.00	\$1.89	\$24.55	\$40.60	\$20.77	\$7.55	\$95.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.36
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	\$51.63	\$103.07	\$125.73	\$141.78	\$121.95	\$108.73	\$652.89	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50	\$839.39
Deferred Revenue Surcharge Rate	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617		\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		
Deferred Revenue Surcharge Total	\$2.28	\$5.06	\$6.54	\$7.59	\$6.29	\$5.43	\$33.19	\$3.15	\$1.50	\$0.93	\$0.79	\$0.79	\$1.07	\$8.23	\$41.42
COG Rates	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.4892	\$1.4892	\$1.2543	\$1.4057	\$1.6654	\$1.5364	\$1.4777	
Cost of Gas Total	\$62.84	\$139.28	\$180.04	\$208.92	\$173.25	\$149.47	\$913.80	\$65.52	\$31.27	\$16.31	\$15.46	\$18.32	\$23.05	\$169.93	\$1,083.73
Total Bill	\$117	\$247	\$312	\$358	\$301	\$264	\$1,600	\$128	\$66	\$41	\$38	\$41	\$50	\$365	\$1,965
12 MONTHS ENDED 04/2015															
Typical Usage - therms (1)	37	82	106	123	102	88	538	44	21	13	11	11	15	115	653
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:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$42.63	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$503.53	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$636.03
Next 120 therms @ \$0.9442	\$0.00	\$1.89	\$24.55	\$40.60	\$20.77	\$7.55	\$95.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.36
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	\$51.63	\$103.07	\$125.73	\$141.78	\$121.95	\$108.73	\$652.89	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50	\$839.39
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	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453		
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.99	\$0.95	\$0.59	\$0.50	\$0.50	\$0.68	\$5.21	\$5.21
COG Rates	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.6190	\$1.5630	\$1.5630	\$1.5181	\$1.3410	\$1.3410	\$1.5300	
Cost of Gas Total	\$63.90	\$141.61	\$183.05	\$212.41	\$176.14	\$151.97	\$929.08	\$71.24	\$32.82	\$20.32	\$16.70	\$14.75	\$20.12	\$175.95	\$1,105.03
Seasonal COG Difference from previous year							\$15.28							\$6.02	\$21.30
Seasonal Percent Change from previous year							1.7%							3.5%	2.0%
Total Bill	\$116	\$245	\$309	\$354	\$298	\$261	\$1,582	\$133	\$67	\$45	\$39	\$37	\$47	\$368	\$1,950
Seasonal Total Bill Difference from previous year							-\$17.91							\$3.00	-\$14.91
Seasonal Percent Change from previous year							-1.1%							0.8%	-0.8%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-2.1%							-0.8%	-1.8%
Seasonal Percent Change resulting from COG							1.0%							1.7%	1.1%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

New Hampshire Gas Corporation
Typical Residential Heating Bill - Non-Fixed Price Option Program
Forecasted 2014-2015 Winter Period vs. Actual 2013-2014 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
12 MONTHS ENDED 04/2014	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	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)	37	82	106	123	102	88	538	44	21	13	11	11	15	115	653
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:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$42.63	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$503.53	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$636.03
Next 120 therms @ \$0.9442	\$0.00	\$1.89	\$24.55	\$40.60	\$20.77	\$7.55	\$95.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.36
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	\$51.63	\$103.07	\$125.73	\$141.78	\$121.95	\$108.73	\$652.89	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50	\$839.39
Deferred Revenue Surcharge Rate	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617		\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		
Deferred Revenue Surcharge Total	\$2.28	\$5.06	\$6.54	\$7.59	\$6.29	\$5.43	\$33.19	\$3.15	\$1.50	\$0.93	\$0.79	\$0.79	\$1.07	\$8.23	\$41.42
COG Rates	\$1.6785	\$1.7253	\$1.8466	\$2.0981	\$2.5355	\$1.8742	\$2.0092	\$1.4892	\$1.4892	\$1.2543	\$1.4057	\$1.6654	\$1.5364	\$1.4777	
Cost of Gas Total	\$62.10	\$141.47	\$195.74	\$258.07	\$258.62	\$164.93	\$1,080.93	\$65.52	\$31.27	\$16.31	\$15.46	\$18.32	\$23.05	\$169.93	\$1,250.86
Total Bill	\$116	\$250	\$328	\$407	\$387	\$279	\$1,767	\$128	\$66	\$41	\$38	\$41	\$50	\$365	\$2,132
12 MONTHS ENDED 04/2015	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Winter Nov-Apr	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	37	82	106	123	102	88	538	44	21	13	11	11	15	115	653
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:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$42.63	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$503.53	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$636.03
Next 120 therms @ \$0.9442	\$0.00	\$1.89	\$24.55	\$40.60	\$20.77	\$7.55	\$95.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.36
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	\$51.63	\$103.07	\$125.73	\$141.78	\$121.95	\$108.73	\$652.89	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50	\$839.39
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	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453		
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.99	\$0.95	\$0.59	\$0.50	\$0.50	\$0.68	\$5.21	\$5.21
COG Rates	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.6190	\$1.5630	\$1.5630	\$1.5181	\$1.3410	\$1.3410	\$1.5300	
Cost of Gas Total	\$63.16	\$139.97	\$180.93	\$209.95	\$174.10	\$150.21	\$918.32	\$71.24	\$32.82	\$20.32	\$16.70	\$14.75	\$20.12	\$175.95	\$1,094.27
Seasonal COG Difference from previous year							-\$162.61							\$6.02	-\$156.59
Seasonal Percent Change from previous year							-15.0%							3.5%	-12.5%
Total Bill	\$115	\$243	\$307	\$352	\$296	\$259	\$1,571	\$133	\$67	\$45	\$39	\$37	\$47	\$368	\$1,939
Seasonal Total Bill Difference from previous year							-\$195.80							\$3.00	-\$192.80
Seasonal Percent Change from previous year							-11.1%							0.8%	-9.0%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-1.9%							-0.8%	-1.7%
Seasonal Percent Change resulting from COG							-9.2%							1.7%	-7.3%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

New Hampshire Gas Corporation
Typical Commercial Bill - Fixed Price Option Program
Forecasted 2014-2015 Winter Period vs. Actual 2013-2014 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1																
2	12 MONTHS ENDED 04/2014	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Winter Nov-Apr	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Summer May-Oct	Total Nov-Oct
3	Typical Usage - therms	169	261	404	432	377	309	1,952	183	115	91	88	95	108	680	2,632
4	Commercial															
5	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
6	Delivery Charge:															
7	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$553.08	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$1,106.16
8	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$650.53	\$97.25	\$33.05	\$10.39	\$7.55	\$14.16	\$26.44	\$188.84	\$839.37
9	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$622.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$622.17
10	Base Delivery Revenue Total	\$194.21	\$271.95	\$385.58	\$407.83	\$364.12	\$310.09	\$1,933.78	\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,783.70
11	Deferred Revenue Surcharge Rate	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617		\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		
12	Deferred Revenue Surcharge Total	\$10.43	\$16.10	\$24.93	\$26.65	\$23.26	\$19.07	\$120.44	\$13.10	\$8.23	\$6.52	\$6.30	\$6.80	\$7.73	\$48.68	\$169.12
13	COG Rates	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.6985	\$1.4892	\$1.4892	\$1.2543	\$1.4057	\$1.6654	\$1.5364	\$1.4791	
14	Cost of Gas Total	\$287.05	\$443.31	\$686.19	\$733.75	\$640.33	\$524.84	\$3,315.47	\$272.52	\$171.26	\$114.14	\$123.70	\$158.21	\$165.93	\$1,005.76	\$4,321.23
15	Total Bill	\$492	\$731	\$1,097	\$1,168	\$1,028	\$854	\$5,370	\$493	\$323	\$241	\$248	\$289	\$310	\$1,904	\$7,274
16																
17	12 MONTHS ENDED 04/2015	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Winter Nov-Apr	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms	169	261	404	432	377	309	1,952	183	115	91	88	95	108	680	2,632
19	Commercial															
20	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
21	Delivery Charge:															
22	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$553.08	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$1,106.16
23	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$650.53	\$97.25	\$33.05	\$10.39	\$7.55	\$14.16	\$26.44	\$188.84	\$839.37
24	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$622.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$622.17
25	Base Delivery Revenue Total	\$194.21	\$271.95	\$385.58	\$407.83	\$364.12	\$310.09	\$1,933.78	\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,783.70
26	Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
27	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453		
29	Deferred Revenue Surcharge Total	\$0.00	\$8.29	\$5.21	\$4.12	\$3.99	\$4.30	\$4.89	\$30.80	\$30.80						
30	COG Rates	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.7269	\$1.6190	\$1.5630	\$1.5630	\$1.5181	\$1.3410	\$1.3410	\$1.5060	
31	Cost of Gas Total	\$291.85	\$450.72	\$697.67	\$746.02	\$651.04	\$533.61	\$3,370.91	\$296.28	\$179.75	\$142.23	\$133.59	\$127.40	\$144.83	\$1,024.08	\$4,394.99
32	Seasonal COG Difference from previous year							\$55.44							\$18.32	\$73.76
33	Seasonal Percent Change from previous year							1.7%							1.8%	1.7%
34	Total Bill	\$486	\$723	\$1,083	\$1,154	\$1,015	\$844	\$5,305	\$512	\$328	\$267	\$255	\$256	\$286	\$1,905	\$7,209
35	Seasonal Total Bill Difference from previous year							-\$65.00							\$0.44	-\$64.56
36	Seasonal Percent Change from previous year							-1.2%							0.0%	-0.9%
37	Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-2.2%							-0.9%	-1.9%
38	Seasonal Percent Change resulting from COG							1.0%							1.0%	1.0%

New Hampshire Gas Corporation
Typical Commercial Bill - Non-Fixed Price Option Program
Forecasted 2014-2015 Winter Period vs. Actual 2013-2014 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1																
2	12 MONTHS ENDED 04/2014	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Winter Nov-Apr	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Summer May-Oct	Total Nov-Oct
3	Typical Usage - therms	169	261	404	432	377	309	1,952	183	115	91	88	95	108	680	2,632
4	Commercial															
5	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
6	Delivery Charge:	<u>Winter</u> <u>Summer</u>														
7	First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$1,106.16
8	Next 120 therms @ \$0.9442	\$84.03	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$650.53	\$97.25	\$33.05	\$10.39	\$7.55	\$14.16	\$26.44	\$188.84	\$839.37
9	Over 200 therms @ \$0.7946	\$0.00	\$48.47	\$162.10	\$184.35	\$140.64	\$86.61	\$622.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$622.17
10	Base Delivery Revenue Total	\$194.21	\$271.95	\$385.58	\$407.83	\$364.12	\$310.09	\$1,933.78	\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,783.70
11	Deferred Revenue Surcharge Rate	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617	\$0.0617		\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716	\$0.0716		
12	Deferred Revenue Surcharge Total	\$10.43	\$16.10	\$24.93	\$26.65	\$23.26	\$19.07	\$120.44	\$13.10	\$8.23	\$6.52	\$6.30	\$6.80	\$7.73	\$48.68	\$169.12
13	COG Rates	\$1.6785	\$1.7253	\$1.8466	\$2.0981	\$2.5355	\$1.8742	\$2.0089	\$1.4892	\$1.4892	\$1.2543	\$1.4057	\$1.6654	\$1.5364	\$1.4791	
14	Cost of Gas Total	\$283.67	\$450.30	\$746.03	\$906.38	\$955.88	\$579.13	\$3,921.39	\$272.52	\$171.26	\$114.14	\$123.70	\$158.21	\$165.93	\$1,005.76	\$4,927.15
15	Total Bill	\$488	\$738	\$1,157	\$1,341	\$1,343	\$908	\$5,976	\$493	\$323	\$241	\$248	\$289	\$310	\$1,904	\$7,880
16																
17	12 MONTHS ENDED 04/2015	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Winter Nov-Apr	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms	169	261	404	432	377	309	1,952	183	115	91	88	95	108	680	2,632
19	Commercial															
20	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
21	Delivery Charge:	<u>Winter</u> <u>Summer</u>														
22	First 80 therms @ \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$1,106.16
23	Next 120 therms @ \$0.9442	\$84.03	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$650.53	\$97.25	\$33.05	\$10.39	\$7.55	\$14.16	\$26.44	\$188.84	\$839.37
24	Over 200 therms @ \$0.7946	\$0.00	\$48.47	\$162.10	\$184.35	\$140.64	\$86.61	\$622.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$622.17
25	Base Delivery Revenue Total	\$194.21	\$271.95	\$385.58	\$407.83	\$364.12	\$310.09	\$1,933.78	\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,783.70
26	Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
27	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453	\$0.0453		
29	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.29	\$5.21	\$4.12	\$3.99	\$4.30	\$4.89	\$30.80	\$30.80
30	COG Rates	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.7069	\$1.6190	\$1.5630	\$1.5630	\$1.5181	\$1.3410	\$1.3410	\$1.5060	
31	Cost of Gas Total	\$288.47	\$445.50	\$689.59	\$737.38	\$643.50	\$527.43	\$3,331.87	\$296.28	\$179.75	\$142.23	\$133.59	\$127.40	\$144.83	\$1,024.08	\$4,355.95
32	Seasonal COG Difference from previous year							-\$589.52							\$18.32	-\$571.20
33	Seasonal Percent Change from previous year							-15.0%							1.8%	-11.6%
34	Total Bill	\$483	\$717	\$1,075	\$1,145	\$1,008	\$838	\$5,266	\$512	\$328	\$267	\$255	\$256	\$286	\$1,905	\$7,170
35	Seasonal Total Bill Difference from previous year							-\$709.96							\$0.44	-\$709.52
36	Seasonal Percent Change from previous year							-11.9%							0.0%	-9.0%
37	Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-2.0%							-0.9%	-1.8%
38	Seasonal Percent Change resulting from COG							-9.9%							1.0%	-7.2%

New Hampshire Gas Corporation Historical COG Comparison - FPO vs. Non-FPO Bill									
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
2013-2014	\$1.6985	\$0.02	17.94%	206,379	\$4,128	\$914	\$2.0092	\$1,081	(\$167)
2012-2013	\$1.5217	\$0.02	20.81%	207,298	\$4,146	\$819	\$1.5002	\$807	\$12
2011-2012	\$2.2357	\$0.02	18.21%	152,560	\$3,051	\$1,203	\$2.1253	\$1,143	\$59
2010-2011	----- FPO not offered due to Selkirk terminal embargo -----								
2009-2010	\$1.3402	\$0.02	17.12%	163,486	\$3,270	\$721	\$1.4900	\$802	(\$81)
2008-2009	\$2.2408	\$0.02	21.08%	205,970	\$4,119	\$1,206	\$1.7347	\$933	\$272
2007-2008	\$1.5212	\$0.02	28.01%	266,419	\$5,328	\$818	\$1.7646	\$949	(\$131)
2006-2007	\$1.4741	\$0.02	21.86%	206,686	\$4,134	\$793	\$1.5397	\$828	(\$35)
2005-2006	\$1.5260	\$0.02	42.91%	348,849	\$6,977	\$821	\$1.3742	\$739	\$82
2004-2005	\$1.2323	n/a	39.44%	340,315	n/a	\$663	\$1.2647	\$680	(\$17)
2003-2004	\$0.8877	n/a	38.78%	316,300	n/a	\$478	\$1.0325	\$555	(\$78)
Average						\$843		\$852	(\$8)

MONT BELVIEU PROPANE FUTURES - 09/03/14 CLOSE



Mont Belvieu LDH Propane (OPIS) Futures Settlements

Quotes		Settlements		Volume		Time & Sales	
Futures		Options					
Trade Date:		Wednesday, 03 Sep 2014 (Final)					
Month	Open	High	Low	Last	Change	Settle	
AUG 14	-	-	-	-	UNCH	1.01726	
SEP 14	-	-	-	-	+0.01673	1.03548	
OCT 14	-	-	-	-	+0.01625	1.04000	
NOV 14	-	-	-	-	+0.01500	1.04500	
DEC 14	-	-	-	-	+0.01375	1.05000	
JAN 15	-	-	-	-	+0.01375	1.06125	
FEB 15	1.02500	1.02500	1.02500	-	+0.01375	1.05375	
MAR 15	-	-	-	-	+0.01375	1.03125	
APR 15	-	-	-	-	+0.01375	1.02000	

ENTERPRISE TE PRODUCTS PIPELINE FERC TARIFF 54.29.0 - EFFECTIVE 08/12/14

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>			
Todhunter (Butler Co., OH)	542.68	584.36	
<u>ZONE 2</u>			
Coshocton (Coshocton Co., OH)	610.46	652.14	
Du Bois (Clearfield Co., PA)	683.26 (1)	724.00 (1)	
Greensburg (Westmoreland Co., PA)	642.50 (1)	683.26 (1)	
<u>ZONE 3</u>			
Schaefferstown (Lebanon Co., PA)	--	780.50	
Sinking Spring (Berks Co., PA)	--	780.50	
<u>ZONE 4</u>			
Finger Lakes (Schuyler Co., NY)	728.63	769.58	
Harford Mills (Cortland Co., NY)	--	772.19 (1)	
Oneonta (Otsego Co., NY)	--	834.40 (1)	
Selkirk (Albany Co., NY)	--	887.20 (1)	
Watkins Glen (Schuyler Co., NY)	691.77 (1)	732.71 (1)	
<u>ZONE 5</u>			
Arcadia (Bienville Parish, LA)	--	213.64	
Calvert City (Marshall Co., KY)	--	397.80	
Dexter (Stoddard Co., MO)	--	309.86	
Fontaine (Green Co., AR)	--	291.12	
Kingsland (Cleveland Co., AR)	--	246.91	
Lebanon (Boone Co., IN)	--	365.45 (8)	
North Little Rock (Pulaski Co., AR)	--	260.51	
Princeton (Gibson Co., IN)	367.78	397.80	
Seymour (Jackson Co., IN)	--	347.25	
West Memphis (Crittenden Co., AR)	--	309.86 (8)	

ENTERPRISE TE PRODUCTS PIPELINE CO. TARIFF RATES

Effective August 12, 2014

FERC 54.29.0

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 15</i>	887.20	42	0.2112

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 15</i>	30.0	42	0.0071

From: Maisie Gilman [mailto:m.gilman@northerngastransport.com]
Sent: Wednesday, September 03, 2014 10:14 AM
Subject: Fuel Surcharge email

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

September 3, 2014

To: All Customers

Re: Fuel Surcharge

As of Monday, September 1st, the Department of Energy New England average price per gallon of diesel fuel was \$3.944. All deliveries invoiced from Sunday, September 7th, 2014 through Saturday, September 13th, 2014 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		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