

NEW HAMPSHIRE GAS CORPORATION

COST OF GAS ADJUSTMENT

WINTER PERIOD 2009 - 2010

CONTENTS

1. TARIFF PAGE	
2. CONVERSION TABLE	ATTACHMENT A
3. TOTAL SUPPLY-DEMAND BALANCE	ATTACHMENT B
4. SUPPLY-DEMAND BALANCE IN GALLONS	ATTACHMENT B-1
5. PROPANE PURCHASING STABILIZATION PLAN SUMMARY	ATTACHMENT B-2
6. INTEREST CALCULATION	ATTACHMENT C
7. ACTUAL -OVER/UNDER COLLECTION	ATTACHMENT D
8. PROPANE INVENTORY	ATTACHMENT E
9. SUPPLEMENTAL SCHEDULES	

New Hampshire Gas Corporation

Line
No.

Calculation of the Cost of Gas Rate

1					
2					
3					
4	Period Covered: Winter Period Nov. 1, 2009 through Apr. 30, 2010				
5					
6	Projected Gas Sales in Therms				1,080,215
7					
8	Total Anticipated Cost		Cost/		
9		<u>Therms</u>	<u>Therm</u>	=	
10	Propane	1,147,828	\$1.2064		\$1,384,740
11					
12	Add: Prior Period (Deficiency				
13	Uncollected)				\$38,839
14	Interest				\$2,545
15					
16					
17	Deduct: Prior Period (Excess				-
18	Collected)				
19	Interest				-
20					
21					
22	Prior Period Adjusted				<u>\$41,384</u>
23					
24	Total Anticipated Cost				\$1,426,124
25					
26	Cost of Gas Rate				
27	Non-Fixed Price Option Cost of Gas Rate			Per Therm	<u>1.3202</u>
28					
29	Fixed Price Option Cost of Gas Premium			Per Therm	0.0200
30					
31	Fixed Price Option Cost of Gas Rate			Per Therm	<u>1.3402</u>
32					
33					
34	Pursuant to tariff section 17(d), the Company may adjust the approved Non-Fixed Price COG rate on a monthly basis up to				
35	the following rate:				
36					
37		Maximum Cost of Gas Rate		Per Therm	<u><u>1.6503</u></u>
38					
39					

40 Issued : Issued By: Karen L. Zink
41 Effective: Title: Treasurer

42
43 In Compliance with DG 09-XXX, Order No.

New Hampshire Gas Corporation

Line
No.
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78

Calculation of the Cost of Gas Rate

Period Covered: Winter Period Nov. 1, 2008 through Apr. 30, 2009
Winter Period Nov. 1, 2009 through Apr. 30, 2010

Projected Gas Sales in Therms 1,046,803
1,080,215

Total Anticipated Cost		Cost/ Therm		
	<u>Therms</u>			
Propane	<u>1,133,110</u>	\$1.7348	=	\$1,966,719
	1,147,828	\$1.2064	=	\$1,384,740

Add: Prior Period (Deficiency Uncollected) \$24,960
\$38,839
Interest \$4,203
\$2,545

Deduct: Prior Period (Excess Collected) -
Interest -
Prior Period Adjusted \$29,163
\$41,384

Total Anticipated Cost \$1,994,882
\$1,426,124

Fixed Price Option Cost of Gas Rate \$2,2408

Projected Fixed Price Option Sales in Therms 225,000

Forecasted Fixed Price Option Cost Revenues \$504,180

Total Period Anticipated Cost from Line 28 \$1,994,882

Remaining Cost to be Recovered \$1,490,702

Projected Period Sales in Therms from Line 7 1,046,803

Less Fixed Price Option Sales in Therms (225,000)

Projected Non-Fixed Price Option Gas Sales 821,803

Non-Fixed Price Option Cost of Gas Rate (Line 43 divided by Line 51) \$1.8139

Non-Fixed Price Option Cost of Gas Rate (Line 29 divided by Line 8) \$1.3202

Mid-Period Adjustment Effective December 1, 2008 (\$0.1641)

Mid-Period Adjustment Effective April 1, 2009 \$0.4510

Non-Fixed Price Option Cost of Gas Rate (Line 54 plus Line 57 plus Line 59) \$2.4008

Fixed Price Option Cost of Gas Premium \$0.0200

Fixed Price Option Cost of Gas Rate (Line 49 plus Line 57) \$1.3402

Pursuant to tariff section 17(d), the Company may adjust the approved Non-Fixed Price COG rate upward or downward on a monthly basis within up to the following ranges: rate:

Maximum Cost of Gas Rate	Per Therm	\$2.1767
		<u>1.6503</u>

Minimum Cost of Gas Rate	Per Therm	\$1.4512
--------------------------	-----------	----------

Issued By: Karen L. Zink
Title: Treasurer

Issued :
Effective: April 1, 2009

In Compliance with DG 08-117, Order No. 24,940
DG 09-XXX, Order No. XX,XXX

NEW HAMPSHIRE GAS CORPORATION

CONVERSION OF PRODUCED GAS COSTS TO THERMS

	1	2	3	4	5	6	7
				<u>VOLUMES</u>		<u>UNIT COST</u>	
	<u>PERIOD</u>	<u>UNIT</u>	<u>CONVERSION FACTOR</u>	<u>GALLONS</u>	<u>THERMS</u>	<u>PER GALLON</u>	<u>PER THERM</u>
PRODUCED GAS	WINTER 2009-2010	GALLONS	0.91502	1,254,430	1,147,828	\$1.1071	\$1.2099

NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS ADJUSTMENT

SUPPLY / DEMAND BALANCE ALL VOLUMES IN THERMS

Line No.		NOV 2009	DEC 2009	JAN 2010	FEB 2010	MAR 2010	APR 2010	TOTAL
	<u>SENDOUT</u>							
1	FIRM SENDOUT *	149,907	226,293	254,234	213,300	176,305	96,972	1,117,011
2								
3	COMPANY USE	4,200	6,031	7,215	5,595	4,613	3,163	30,817
4								
5	TOTAL SENDOUT	154,107	232,324	261,449	218,895	180,918	100,135	1,147,828
6								
7	* UNACCTED FOR VOLS INCLUDED	5,183	7,813	8,792	7,361	6,084	3,368	38,601
8								
9	<u>COSTS</u>							
10								
11	PROPANE SENDOUT	154,107	232,324	261,449	218,895	180,918	100,135	1,147,828
12	FROM ABOVE							
13								
14	COST/THERM	\$1.2080	\$1.2136	\$1.2086	\$1.2114	\$1.2115	\$1.2014	
15								
16	FPO PREMIUM	(\$369)	(\$523)	(\$893)	(\$895)	(\$748)	(\$572)	(\$4,000)
17								
18	TOTAL PROPANE COSTS	\$185,793	\$281,432	\$315,085	\$264,270	\$218,434	\$119,727	\$1,384,740
19								
20	<u>REVENUES</u>							
21								
22	FIRM SALES	99,555	141,177	241,167	241,825	202,028	154,464	1,080,215
23								
24	RATE/THERM AVERAGE	\$1.3202	\$1.3202	\$1.3202	\$1.3202	\$1.3202	\$1.3202	
25								
26	TOTAL COG REVENUES	\$131,434	\$186,385	\$318,394	\$319,263	\$266,722	\$203,927	\$1,426,124
27								
28	UNDER-/OVER COLLECTION	\$54,359	\$95,047	(\$3,310)	(\$54,992)	(\$48,288)	(\$84,201)	(\$41,383)
29								
30	INTEREST FROM ATTACHMENT C	\$181	\$383	\$509	\$431	\$292	\$114	\$1,910
31								
32	FINAL UNDER-/OVER COLLECTION	39,474	\$94,014	\$189,444	\$186,643	\$84,086	(\$0)	

New Hampshire Gas Corporation
2009-2010 Winter Hedging Schedule

	<u>April - 2009</u>	<u>May-2009</u>	<u>June-2009</u>	<u>July-2009</u>	<u>August-2009</u>	<u>September-2009</u>	<u>Total</u>	Line No.
November	16,000	12,000	12,000	16,000	12,000	12,000	80,000	1
December	24,000	18,000	18,000	24,000	18,000	18,000	120,000	2
January	36,000	27,000	27,000	36,000	27,000	27,000	180,000	3
February	26,000	19,500	19,500	26,000	19,500	19,500	130,000	4
March	18,000	13,500	13,500	18,000	13,500	13,500	90,000	5
April	10,000	7,500	7,500	10,000	7,500	7,500	50,000	6
Total	130,000	97,500	97,500	130,000	97,500	97,500	650,000	7
								8
								9
							Weighted	10
							Average	11
							Price	12
Purchase Price	\$1.010	\$1.010	\$1.055	\$1.039	\$1.181	\$1.181	\$1.074	13

NEW HAMPSHIRE GAS CORPORATION

CGA REFUND INTEREST CALCULATION FOR THE WINTER PERIOD NOV., 2009 THROUGH APR., 2010

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. 1+4/2	(6) ANNUAL INTEREST RATE	(7) INTEREST AMOUNT	(8) END MONTH BAL. WITH INTEREST COL. 4+7
1	MAY 2009	38,839	-	-	38,839	38,839	3.25	105	38,944
2	JUN	38,944	-	-	38,944	38,944	3.25	105	39,050
3	JUL	39,050	-	-	39,050	39,050	3.25	106	39,155
4	AUG	39,155	-	-	39,155	39,155	3.25	106	39,261
5	SEP	39,261	-	-	39,261	39,261	3.25	106	39,368
6	OCT	39,368	-	-	39,368	39,368	3.25	107	39,474
7	NOV	39,474	\$54,359	-	93,833	66,654	3.25	181	94,014
8	DEC	94,014	\$95,047	-	189,061	141,537	3.25	383	189,444
9	JAN 2010	189,444	(\$3,310)	-	186,134	187,789	3.25	509	186,643
10	FEB	186,643	(\$54,992)	-	131,651	159,147	3.25	431	132,082
11	MAR	132,082	(\$48,288)	-	83,794	107,938	3.25	292	84,086
12	APR	84,086	(\$84,201)	-	(114)	41,986	3.25	114	(0)
								<u>2,545</u>	

BEG. BAL. W/INTEREST = -OVER/UNDER BEG.BAL. @ MAY 09 + INTEREST EXPENSE MAY 09 THROUGH OCT 09

$$\begin{aligned}
 &= \text{COL. 1, LINE 1} && + && \text{COL. 7, LINES 1 TO 12} \\
 &= \underline{38,839} && + && \underline{2,545} \\
 &= \underline{\underline{41,384}}
 \end{aligned}$$

Actual -Over/Under Collection November 2008 through April 2009
All in Therms

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	TOTALS
	<u>PRIOR</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	
1 SALES								
FOR NON-FPO		71,924	99,287	171,301	186,654	137,884	104,099	771,149
FOR FPO		18,502	27,737	46,051	50,407	35,438	27,835	205,970
TOTAL		90,426	127,024	217,352	237,061	173,322	131,934	977,119
2 COG RATE PER TARIFF								
FOR NON-FPO		1.8139	1.6498	1.6498	1.6498	1.6498	2.1008	
FOR FPO		2.2408	2.2408	2.2408	2.2408	2.2408	2.2408	
3 RECOVERED COSTS=								
SALES X COG RATE								
FOR NON-FPO		130,463	163,804	282,612	307,942	227,481	218,691	1,330,993
FOR FPO		41,459	62,153	103,191	112,952	79,409	62,373	461,538
TOTAL		171,923	225,957	385,803	420,893	306,890	281,064	1,792,531
4 USED BY UTILITY								
FOR MAKING GAS		3,840	5,286	7,220	5,600	4,613	3,160	29,719
HEATING DEGREE								
DAYS		750	1038	1326	959	840	469	5,382
5 TOTAL SENDOUT		139,412	205,475	262,302	188,986	155,803	85,355	1,037,333
6 COST PER THERM		1.7016	1.6593	1.8432	1.7659	1.8605	1.3692	1.7373
7 TOTAL COSTS		237,222	340,958	483,474	333,726	289,876	116,866	1,802,122
.....								
8 ACTUAL -OVER/ UNDER COLLECTION		65,299	115,001	97,670	-87,167	-17,014	-164,198	9,591
9 INTEREST AMOUNT		243	619	852	872	702	327	3,615
10 FINAL -OVER/UNDER COLLECTION	25,633	91,175	206,795	305,317	219,023	202,711	38,839	

NEW HAMPSHIRE GAS CORPORATION
PROPANE INVENTORY
FOR THE WINTER PERIOD NOVEMBER 2009 TO APRIL 2010

LINE NO.		Therms	Cost	Therm	Gal.		
1	September 2009 (Forecasted)						
2							
3	Beginning Balance	86,244	\$98,324	\$1.1401	\$1.0432		
4	Received during month	50,000	\$61,055	\$1.2211	\$1.1173		
5	Total Available	136,244	\$159,379	\$1.1698	\$1.0704		
6	Less Vapor	49,085	\$57,636	\$1.1698	\$1.0704		
7	Ending Balance	87,159	\$101,743	\$1.1673	\$1.0681		
8							
9							
10	October 2009 (Forecasted)						
11							
12	Beginning Balance	87,159	101,743	\$1.1673	\$1.0681		
13	Received during month	70,000	\$86,093	\$1.2299	\$1.1254		
14	Total Available	157,159	\$187,836	\$1.1952	\$1.0936		
15	Less Vapor	97,055	\$116,138	\$1.1952	\$1.0936		
16	Ending Balance	60,104	\$71,698	\$1.1929	\$1.0915		
17							
18							
19	November 2009 (Forecasted)						
20							
21	Beginning Balance	60,104	\$71,698	\$1.1929	\$1.0915		
22	Received during month	180,000	\$218,347	\$1.2130	\$1.1100		
23	Total Available	240,104	\$290,045	\$1.2080	\$1.1053		
24	Less Vapor	154,107	\$186,161	\$1.2080	\$1.1053	154,107	\$186,161
25	Ending Balance	85,997	\$103,884	\$1.2080	\$1.1053		
26							
27							
28	December 2009 (Forecasted)						
29							
30	Beginning Balance	85,997	\$103,884	\$1.2080	\$1.1053		
31	Received during month	240,000	\$291,753	\$1.2156	\$1.1123		
32	Total Available	325,997	\$395,638	\$1.2136	\$1.1105		
33	Less Vapor	232,324	\$281,955	\$1.2136	\$1.1105	232,324	\$281,955
34	Ending Balance	93,673	\$113,683	\$1.2136	\$1.1105		
35							
36							
37	January 2010 (Forecasted)						
38							
39	Beginning Balance	93,673	\$113,683	\$1.2136	\$1.1105		
40	Received during month	255,000	\$307,710	\$1.2067	\$1.1042		
41	Total Available	348,673	\$421,393	\$1.2086	\$1.1059		
42	Less Vapor	261,449	\$315,978	\$1.2086	\$1.1059	261,449	\$315,978
43	Ending Balance	87,224	\$105,415	\$1.2086	\$1.1059		
44							
45							
46	February 2010 (Forecasted)						
47							
48	Beginning Balance	87,224	\$105,415	\$1.2086	\$1.1059		
49	Received during month	230,000	\$278,865	\$1.2125	\$1.1094		
50	Total Available	317,224	\$384,281	\$1.2114	\$1.1084		
51	Less Vapor	218,895	\$265,166	\$1.2114	\$1.1084	218,895	\$265,166
52	Ending Balance	98,329	\$119,115	\$1.2114	\$1.1084		
53							
54							
55	March 2010 (Forecasted)						
56							
57	Beginning Balance	98,329	\$119,115	\$1.2114	\$1.1084		
58	Received during month	180,000	\$218,080	\$1.2116	\$1.1086		
59	Total Available	278,329	\$337,196	\$1.2115	\$1.1085		
60	Less Vapor	180,918	\$219,182	\$1.2115	\$1.1085	180,918	\$219,182
61	Ending Balance	97,411	\$118,014	\$1.2115	\$1.1085		
62							
63							
64	April 2010 (Forecasted)						
65							
66	Beginning Balance	97,411	\$118,014	\$1.2115	\$1.1085		
67	Received during month	100,000	\$119,150	\$1.1915	\$1.0902		
68	Total Available	197,411	\$237,163	\$1.2014	\$1.0993		
69	Less Vapor	100,135	\$120,299	\$1.2014	\$1.0993	100,135	\$120,299
70	Ending Balance	97,276	\$116,864	\$1.2014	\$1.0993		
71							
72				TOTALS	\$1.2099	1,147,828	\$1,388,740

New Hampshire Gas Corporation
Fixed Price Option Program
Forecasted 2009-2010 Winter Period vs. Actual 2008-2009 Winter Period

Supplemental Schedule A

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Typical Residential Heating Bill															
12 MOS ENDED 4/2009	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Residential Heating Typical Usage:	111	152	164	209	178	139	953	82	64	27	22	39	61	297	1,250
Winter:															
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Delivery Charge:															
First 80 therms @ \$0.8930	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$428.64								
Next 120 therms @ \$0.6850	\$21.24	\$49.11	\$57.22	\$82.20	\$67.36	\$40.50	\$317.63								
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.04	\$0.00	\$0.00	\$5.04								
Summer:															
Cust. Chg.								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.00
Delivery Charge:															
First 80 therms @ \$0.8930								\$71.44	\$57.49	\$24.45	\$19.82	\$35.02	\$54.85	\$263.08	\$691.72
Next 120 therms @ \$0.6850								\$1.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.47	\$319.10
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.04
Total Customer Charge/Base Rate Amount	\$99.68	\$127.55	\$135.66	\$165.68	\$145.80	\$118.94	\$793.32	\$79.91	\$64.49	\$31.45	\$26.82	\$42.02	\$61.85	\$306.54	\$1,099.86
Deferred Revenues Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495		
Deferred Revenues Surcharge	\$5.22	\$7.13	\$7.69	\$9.84	\$8.38	\$6.54	\$44.80	\$4.07	\$3.19	\$1.36	\$1.10	\$1.94	\$3.04	\$14.69	\$59.49
CGA Rates - (Seasonal)	\$2.2408	\$2.2408	\$2.2408	\$2.2408	\$2.2408	\$2.2408		\$1.9720	\$2.2839	\$2.3664	\$2.8318	\$2.3070	\$2.2654		
Total COG	\$248.73	\$339.93	\$366.46	\$469.27	\$399.62	\$311.74	\$2,135.75	\$161.98	\$147.04	\$64.79	\$62.87	\$90.48	\$139.14	\$666.30	\$2,802.05
Total Bill	\$354	\$475	\$510	\$645	\$554	\$437	\$2,974	\$246	\$215	\$98	\$91	\$134	\$204	\$988	\$3,961
Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Typical Residential Heating Bill															
12 MOS ENDED 4/2010	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Residential Heating Typical Usage:	111	152	164	209	178	139	953	82	64	27	22	39	61	297	1,250
Winter:															
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Delivery Charge:															
First 80 therms @ \$0.9458	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$453.98								
Next 120 therms @ \$0.7378	\$22.87	\$52.90	\$61.64	\$88.54	\$72.56	\$43.62	\$342.12								
Over 200 therms @ \$0.5882	\$0.00	\$0.00	\$0.00	\$5.54	\$0.00	\$0.00	\$5.54								
Summer:															
Cust. Chg.								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.00
Delivery Charge:															
First 80 therms @ \$0.9458								\$75.66	\$60.89	\$25.90	\$21.00	\$37.09	\$58.09	\$278.63	\$732.62
Next 120 therms @ \$0.7378								\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.58	\$343.70
Over 200 therms @ \$0.5882								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.54
Total Customer Charge/Base Rate Amount	\$105.54	\$135.56	\$144.30	\$176.74	\$155.22	\$126.28	\$843.64	\$84.24	\$67.89	\$32.90	\$28.00	\$44.09	\$65.09	\$322.21	\$1,165.85
Seasonal Cust. Charge/Base Rate Diff. from previous year							\$50.32							\$15.67	\$65.99
Seasonal Percent Change from previous year							6.3%							5.1%	6.0%
Rate Case Surcharge	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Total Rate Case Surcharge	\$4.86	\$6.64	\$7.15	\$9.16	\$7.80	\$6.09	\$41.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.69
CGA Rates - (Seasonal)	\$1.3402	\$1.3402	\$1.3402	\$1.3402	\$1.3402	\$1.3402		\$1.0537	\$1.1165	\$1.3171	\$1.3171	\$1.3171	\$1.3171		
Total COG	\$148.76	\$203.31	\$219.18	\$280.67	\$239.02	\$186.45	\$1,277.39	\$86.55	\$71.88	\$36.06	\$29.24	\$51.66	\$80.90	\$356.29	\$1,633.68
Seasonal COG Difference from previous year							-\$858.36							-\$310.01	-\$1,168.37
Seasonal Percent Change from previous year							-40.2%							-46.5%	-41.7%
Total Bill	\$259	\$346	\$371	\$467	\$402	\$319	\$2,163	\$171	\$140	\$69	\$57	\$96	\$146	\$678	\$2,841
Seasonal Total Bill Difference from previous year							-\$811.14							-\$309	-\$1,120
Seasonal Percent Change from previous year							-27.3%							-31.3%	-28.3%
Seasonal Percent Change resulting from Base Rates							1.7%							1.6%	1.7%
Seasonal Percent Change resulting from COG							-28.9%							-31.4%	-29.5%

New Hampshire Gas Corporation
Non-Fixed Price Option Program
Forecasted 2009-2010 Winter Period vs. Actual 2008-2009 Winter Period

Supplemental Schedule A-1

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge															
Typical Residential Heating Bill															
12 MOS ENDED 4/2009	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Residential Heating	111	152	164	209	178	139	953	82	64	27	22	39	61	297	1,250
Typical Usage:															
Winter:															
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Delivery Charge:															
First 80 therms @ \$0.8930	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$428.64								
Next 120 therms @ \$0.6850	\$21.24	\$49.11	\$57.22	\$82.20	\$67.36	\$40.50	\$317.63								
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.04	\$0.00	\$0.00	\$5.04								
Summer:															
Cust. Chg.								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.00
Delivery Charge:															
First 80 therms @ \$0.8930								\$71.44	\$57.49	\$24.45	\$19.82	\$35.02	\$54.85	\$263.08	\$691.72
Next 120 therms @ \$0.6850								\$1.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.47	\$319.10
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.04
Total Customer Charge/Base Rate Amount	\$99.68	\$127.55	\$135.66	\$165.68	\$145.80	\$118.94	\$793.32	\$79.91	\$64.49	\$31.45	\$26.82	\$42.02	\$61.85	\$306.54	\$1,099.86
Deferred Revenues Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495		
Deferred Revenues Surcharge	\$5.22	\$7.13	\$7.69	\$9.84	\$8.38	\$6.54	\$44.80	\$4.07	\$3.19	\$1.36	\$1.10	\$1.94	\$3.04	\$14.69	\$59.49
CGA Rates - (Seasonal)	\$1.8139	\$1.6498	\$1.6498	\$1.6498	\$1.6498	\$2.1008		\$1.9720	\$2.2839	\$2.3664	\$2.8318	\$2.3070	\$2.2654		
Total COG	\$201.34	\$250.27	\$269.81	\$345.50	\$294.23	\$292.26	\$1,653.42	\$161.98	\$147.04	\$64.79	\$62.87	\$90.48	\$139.14	\$666.30	\$2,319.71
Total Bill	\$306	\$385	\$413	\$521	\$448	\$418	\$2,492	\$246	\$215	\$98	\$91	\$134	\$204	\$988	\$3,479
Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge															
Typical Residential Heating Bill															
12 MOS ENDED 4/2010	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Residential Heating	111	152	164	209	178	139	953	82	64	27	22	39	61	297	1,250
Typical Usage:															
Winter:															
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Delivery Charge:															
First 80 therms @ \$0.9458	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$453.98								
Next 120 therms @ \$0.7378	\$22.87	\$52.90	\$61.64	\$88.54	\$72.56	\$43.62	\$342.12								
Over 200 therms @ \$0.5882	\$0.00	\$0.00	\$0.00	\$5.54	\$0.00	\$0.00	\$5.54								
Summer:															
Cust. Chg.								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.00
Delivery Charge:															
First 80 therms @ \$0.9458								\$75.66	\$60.89	\$25.90	\$21.00	\$37.09	\$58.09	\$278.63	\$732.62
Next 120 therms @ \$0.7378								\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.58	\$343.70
Over 200 therms @ \$0.5882								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.54
Total Customer Charge/Base Rate Amount	\$105.54	\$135.56	\$144.30	\$176.74	\$155.22	\$126.28	\$843.64	\$84.24	\$67.89	\$32.90	\$28.00	\$44.09	\$65.09	\$322.21	\$1,165.85
Seasonal Cust. Charge/Base Rate Diff. from previous year							\$50.32							\$15.67	\$65.99
Seasonal Percent Change from previous year							6.3%							5.1%	6.0%
Rate Case Surcharge	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Total Rate Case Surcharge	\$4.86	\$6.64	\$7.15	\$9.16	\$7.80	\$6.09	\$41.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.69
CGA Rates - (Seasonal)	\$1.3202	\$1.3202	\$1.3202	\$1.3202	\$1.3202	\$1.3202		\$1.0537	\$1.1165	\$1.3171	\$1.3171	\$1.3171	\$1.3171		
Total COG	\$146.54	\$200.28	\$215.91	\$276.48	\$235.45	\$183.67	\$1,258.33	\$86.55	\$71.88	\$36.06	\$29.24	\$51.66	\$80.90	\$356.29	\$1,614.62
Seasonal COG Difference from previous year							-\$395.09							-\$310.01	-\$705.10
Seasonal Percent Change from previous year							-23.9%							-46.5%	-30.4%
Total Bill	\$257	\$342	\$367	\$462	\$398	\$316	\$2,144	\$171	\$140	\$69	\$57	\$96	\$146	\$678	\$2,822
Seasonal Total Bill Difference from previous year							-\$347.87							-\$309	-\$657
Seasonal Percent Change from previous year							-14.0%							-31.3%	-18.9%
Seasonal Percent Change resulting from Base Rates							2.0%							1.6%	1.9%
Seasonal Percent Change resulting from COG							-15.9%							-31.4%	-20.3%

New Hampshire Gas Corporation
Fixed Price Option Program
Forecasted 2009-2010 Winter Period vs. Actual 2008-2009 Winter Period

Supplemental Schedule B

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Commercial Bill															
12 MOS ENDED 4/2009	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Commercial Typical Usage:	733	636	661	670	590	636	3926	677	632	520	652	654	736	3871	7,797
Winter:															
Cust. Chg.	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00								
Delivery Charge:															
First 80 therms @ \$0.8930	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$428.64								
Next 120 therms @ \$0.6850	\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$493.20								
Over 200 therms @ \$0.5355	\$285.42	\$233.48	\$246.87	\$251.69	\$208.85	\$233.48	\$1,459.77								
Summer:															
Cust. Chg.								\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00	\$168.00
Delivery Charge:															
First 80 therms @ \$0.8930								\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$428.64	\$857.28
Next 120 therms @ \$0.6850								\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$493.20	\$986.40
Over 200 therms @ \$0.5354								\$255.39	\$231.29	\$171.33	\$242.00	\$243.07	\$286.97	\$1,430.05	\$2,889.83
Total Customer Charge/Base Rate Amount	\$453.06	\$401.12	\$414.51	\$419.33	\$376.49	\$401.12	\$2,465.61	\$423.03	\$398.93	\$338.97	\$409.64	\$410.71	\$454.61	\$2,435.89	\$4,901.51
Deferred Revenues Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	
Deferred Revenues Surcharge	\$34.45	\$29.89	\$31.07	\$31.49	\$27.73	\$29.89	\$184.52	\$33.51	\$31.28	\$25.74	\$32.27	\$32.37	\$36.43	\$191.61	\$376.14
CGA Rates - (Seasonal)	\$2.2408	\$2.2408	\$2.2408	\$2.2408	\$2.2408	\$2.2408		\$1.9720	\$2.2839	\$2.3664	\$2.8318	\$2.3070	\$2.2654		
Total COG	\$1,642.51	\$1,425.15	\$1,481.17	\$1,501.34	\$1,322.07	\$1,425.15	\$8,797.38	\$1,335.04	\$1,443.42	\$1,230.53	\$1,846.33	\$1,508.78	\$1,667.33	\$9,031.44	\$17,828.82
Total Bill	\$2,130	\$1,856	\$1,927	\$1,952	\$1,726	\$1,856	\$11,448	\$1,792	\$1,874	\$1,595	\$2,288	\$1,952	\$2,158	\$11,659	\$23,106
Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Commercial Bill															
12 MOS ENDED 4/2010	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Commercial Typical Usage:	733	636	661	670	590	636	3,926	677	632	520	652	654	736	3,871	7,797
Winter:															
Cust. Chg.	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00								
Delivery Charge:															
First 80 therms @ \$0.9458	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$453.98								
Next 120 therms @ \$0.7378	\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$531.22								
Over 200 therms @ \$0.5882	\$313.51	\$256.46	\$271.16	\$276.45	\$229.40	\$256.46	\$1,603.43								
Summer:															
Cust. Chg.								\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00	\$168.00
Delivery Charge:															
First 80 therms @ \$0.9458								\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$453.98	\$907.97
Next 120 therms @ \$0.7378								\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$531.22	\$1,062.43
Over 200 therms @ \$0.5882								\$280.57	\$254.10	\$188.22	\$265.87	\$267.04	\$315.28	\$1,571.08	\$3,174.52
Total Customer Charge/Base Rate Amount	\$491.71	\$434.66	\$449.36	\$454.65	\$407.60	\$434.66	\$2,672.63	\$458.77	\$432.30	\$366.42	\$444.07	\$445.24	\$493.48	\$2,640.28	\$5,312.92
Seasonal Cust. Charge/Base Rate Diff. from previous year							\$207.02							\$204.39	\$411.41
Seasonal Percent Change from previous year							8.4%							8.4%	8.4%
Rate Case Surcharge	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Total Rate Case Surcharge	\$32.06	\$27.82	\$28.91	\$29.31	\$25.81	\$27.82	\$171.73	\$0.00	\$171.73						
CGA Rates - (Seasonal)	\$1.3402	\$1.3402	\$1.3402	\$1.3402	\$1.3402	\$1.3402		\$1.0537	\$1.1165	\$1.3171	\$1.3171	\$1.3171	\$1.3171		
Total COG	\$982.38	\$852.38	\$885.89	\$897.95	\$790.73	\$852.38	\$5,261.71	\$713.35	\$705.63	\$684.89	\$858.75	\$861.38	\$969.39	\$4,793.39	\$10,055.11
Seasonal COG Difference from previous year							-\$3,535.67							-\$4,238.05	-\$7,773.72
Seasonal Percent Change from previous year							-40.2%							-46.9%	-43.6%
Total Bill	\$1,506	\$1,315	\$1,364	\$1,382	\$1,224	\$1,315	\$8,106	\$1,172	\$1,138	\$1,051	\$1,303	\$1,307	\$1,463	\$7,434	\$15,540
Seasonal Total Bill Difference from previous year							-\$3,341.44							-\$4,225	-\$7,567
Seasonal Percent Change from previous year							-29.2%							-36.2%	-32.7%
Seasonal Percent Change resulting from Base Rates							1.8%							1.8%	1.8%
Seasonal Percent Change resulting from COG							-30.9%							-36.4%	-33.6%

New Hampshire Gas Corporation
Non-Fixed Price Option Program
Forecasted 2009-2010 Winter Period vs. Actual 2008-2009 Winter Period

Supplemental Schedule B-1

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Commercial Bill																
12 MOS ENDED 4/2009		November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Commercial	Typical Usage:	733	636	661	670	590	636	3926	677	632	520	652	654	736	3871	7,797
Winter:																
Cust. Chg.		\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00								
Delivery Charge:																
First 80 therms @ \$0.8930		\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$428.64								
Next 120 therms @ \$0.6850		\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$493.20								
Over 200 therms @ \$0.5355		\$285.42	\$233.48	\$246.87	\$251.69	\$208.85	\$233.48	\$1,459.77								
Summer:																
Cust. Chg.									\$13.00	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00	\$78.00	\$162.00
Delivery Charge:																
First 80 therms @ \$0.8930									\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$428.64	\$857.28
Next 120 therms @ \$0.6850									\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$82.20	\$493.20	\$986.40
Over 200 therms @ \$0.5354									\$255.39	\$231.29	\$171.33	\$242.00	\$243.07	\$286.97	\$1,430.05	\$2,889.83
Total Customer Charge/Base Rate Amount		\$453.06	\$401.12	\$414.51	\$419.33	\$376.49	\$401.12	\$2,465.61	\$422.03	\$397.93	\$337.97	\$408.64	\$409.71	\$453.61	\$2,429.89	\$4,895.51
Deferred Revenues Surcharge		\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495		
Deferred Revenues Surcharge		\$34.45	\$29.89	\$31.07	\$31.49	\$27.73	\$29.89	\$184.52	\$33.51	\$31.28	\$25.74	\$32.27	\$32.37	\$36.43	\$191.61	\$376.14
CGA Rates - (Seasonal)		\$1,8139	\$1,6498	\$1,6498	\$1,6498	\$1,6498	\$2,1008		\$1,9720	\$2,2839	\$2,3664	\$2,8318	\$2,3070	\$2,2654		
Total COG		\$1,329.59	\$1,049.27	\$1,090.52	\$1,105.37	\$973.38	\$1,336.11	\$6,884.24	\$1,335.04	\$1,443.42	\$1,230.53	\$1,846.33	\$1,508.78	\$1,667.33	\$9,031.44	\$15,915.68
Total Bill		\$1,817	\$1,480	\$1,536	\$1,556	\$1,378	\$1,767	\$9,534	\$1,791	\$1,873	\$1,594	\$2,287	\$1,951	\$2,157	\$11,653	\$21,187
Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Commercial Bill																
12 MOS ENDED 4/2010		November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Commercial	Typical Usage:	733	636	661	670	590	636	3,926	677	632	520	652	654	736	3,871	7,797
Winter:																
Cust. Chg.		\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00								
Delivery Charge:																
First 80 therms @ \$0.9458		\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$453.98								
Next 120 therms @ \$0.7378		\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$531.22								
Over 200 therms @ \$0.5882		\$313.51	\$256.46	\$271.16	\$276.45	\$229.40	\$256.46	\$1,603.43								
Summer:																
Cust. Chg.									\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$84.00	\$168.00
Delivery Charge:																
First 80 therms @ \$0.9458									\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$75.66	\$453.98	\$907.97
Next 120 therms @ \$0.7378									\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$88.54	\$531.22	\$1,062.43
Over 200 therms @ \$0.5882									\$280.57	\$254.10	\$188.22	\$265.87	\$267.04	\$315.28	\$1,571.08	\$3,174.52
Total Customer Charge/Base Rate Amount		\$491.71	\$434.66	\$449.36	\$454.65	\$407.60	\$434.66	\$2,672.63	\$458.77	\$432.30	\$366.42	\$444.07	\$445.24	\$493.48	\$2,640.28	\$5,312.92
Seasonal Cust. Charge/Base Rate Diff. from previous year								\$207.02							\$210.39	\$417.41
Seasonal Percent Change from previous year								8.4%							8.7%	8.5%
Rate Case Surcharge		\$0.044	\$0.044	\$0.044	\$0.044	\$0.044	\$0.044		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Total Rate Case Surcharge		\$32.06	\$27.82	\$28.91	\$29.31	\$25.81	\$27.82	\$171.73	\$0.00	\$171.73						
CGA Rates - (Seasonal)		\$1,3202	\$1,3202	\$1,3202	\$1,3202	\$1,3202	\$1,3202		\$1,0537	\$1,1165	\$1,3171	\$1,3171	\$1,3171	\$1,3171		
Total COG		\$967.72	\$839.66	\$872.67	\$884.55	\$778.93	\$839.66	\$5,183.19	\$713.35	\$705.63	\$684.89	\$858.75	\$861.38	\$969.39	\$4,793.39	\$9,976.59
Seasonal COG Difference from previous year								-\$1,701.04							-\$4,238.05	-\$5,939.09
Seasonal Percent Change from previous year								-24.7%							-46.9%	-37.3%
Total Bill		\$1,491	\$1,302	\$1,351	\$1,369	\$1,212	\$1,302	\$8,028	\$1,172	\$1,138	\$1,051	\$1,303	\$1,307	\$1,463	\$7,434	\$15,461
Seasonal Total Bill Difference from previous year								-\$1,506.81							-\$4,219	-\$5,726
Seasonal Percent Change from previous year								-15.8%							-36.2%	-27.0%
Seasonal Percent Change resulting from Base Rates								2.2%							1.8%	2.0%
Seasonal Percent Change resulting from COG								-17.8%							-36.4%	-28.0%

Propane Market Purchase Cost Analysis
WINTER 2009 - 2010

LINE
NO.

LINE NO.		<u>Mt. Belvieu</u>	<u>Broker Fees</u>	=		<u>Pipeline Fees</u>	<u>@ Selkirk</u>	<u>PERC</u>	<u>Truck to Keene</u>	=	<u>\$ per Gal.</u>	<u>Therm</u>
1												
2												
3												
4	NOV	0.9600	+ 0.0100	=	0.9700	+ 0.1002	=	1.0702	+ 0.0050	+ 0.0676	=	1.1428 = 1.2489
5												
6	DEC	0.9642	+ 0.0100	=	0.9742	+ 0.1002	=	1.0744	+ 0.0050	+ 0.0676	=	1.1470 = 1.2535
7												
8	JAN	0.9733	+ 0.0100	=	0.9833	+ 0.1002	=	1.0835	+ 0.0050	+ 0.0676	=	1.1561 = 1.2635
9												
10	FEB	0.9692	+ 0.0100	=	0.9792	+ 0.1002	=	1.0794	+ 0.0050	+ 0.0676	=	1.1520 = 1.2590
11												
12	MAR	0.9550	+ 0.0100	=	0.9650	+ 0.1002	=	1.0652	+ 0.0050	+ 0.0676	=	1.1378 = 1.2435
13												
14	APR	0.9338	+ 0.0100	=	0.9438	+ 0.0878	=	1.0316	+ 0.0050	+ 0.0676	=	1.1042 = 1.2067
15												
16												
17	Mt. Belvieu settlement prices based on New York Mercantile propane futures market											
18	quotations of 9/11/09.											

Rate Case Surcharge

Total Rate Case Expenses to be Recovered		\$60,000.00	1
			2
2009 Sales	<u>Therms</u>		3
November	99,555		4
December	141,177		5
			6
			7
2010 Sales	<u>Therms</u>		8
January	241,167		9
February	241,825		10
March	202,028		11
April	154,464		12
May	78,757		13
June	45,445		14
July	40,649		15
August	39,270		16
September	42,866		17
October	44,463		18
			19
Total Therms Sales 11/2009 - 10/2010		1,371,665	20
Rate Case Surcharge		<u><u>\$0.044</u></u>	21

New Hampshire Gas Corporation COG FPO vs Non-FPO Price Comparison									
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
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)
Total						\$13,286		\$13,121	\$164