

NEW HAMPSHIRE GAS CORPORATION

COST OF GAS RATE

SUMMER PERIOD 2009

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Calculation of the Cost of Gas Rate

Period Covered: Summer Period May 1, 2009 through October 31, 2009

Total Anticipated Cost

Propane	351,461 (Volume in Therms)	\$ 0.9915 (Cost/Therm)	\$ 348,474
Add:	Prior Period (Deficiency Uncollected)	\$ -	
	Interest	\$ -	
Deduct:	Prior Period (Excess Collected)	\$ (21,833)	
	Interest	\$ (1,096)	
	Prior Period Adjusted		\$ (22,929)
	Total Anticipated Cost		\$ 325,545
<u>Projected Gas Sales</u>			308,940 THERMS
<u>Cost of Gas</u>			
	Cost of Gas Rate		\$ <u>1.0537</u> PER THERM

Pursuant to tariff section 17(d), the Company may adjust the approved CGA rate upward or downward on a monthly basis within the following ranges:

Maximum Cost of Gas Rate	\$ <u>1.2645</u> PER THERM
Minimum Cost of Gas Rate	\$ <u>0.8430</u> PER THERM

Issued :
Effective: May 1, 2009

Issued By: Karen L. Zink
Treasurer

In Compliance with DG 09-XXX, Order No.

NHPUC No. 1 GAS
 New Hampshire Gas Corporation

Proposed 39th ~~38th~~ Revised Page 25
 Superseding 38th ~~37th~~ Page 25

Calculation of the Cost of Gas Rate

Period Covered: ~~Summer Period May 1, 2008 through October 31, 2008~~
 Summer Period May 1, 2009 through October 31, 2009

Total Anticipated Cost

Propane	341,241	\$ 2.1452	732,046
	351,461	\$ 0.9915	\$ 348,474
	(Volume in Therms)	(Cost/Therm)	
Add: Prior Period (Deficiency Uncollected)		\$ 22,146	
Interest		\$ (183)	
Deduct: Prior Period (Excess Collected)		\$ (21,833)	
Interest		\$ (1,096)	
Prior Period Adjusted			21,966
			\$ (22,929)
Total Anticipated Cost			\$ 325,545

Projected Gas Sales

307,754 THERMS
 308,940 THERMS

Cost of Gas

Beginning Period Cost of Gas Rate	\$ 1.9720 PER THERM
	\$ <u>1.0537</u> PER THERM
Mid-Period Rate Adjustment 6-1-08	0.3119 PER THERM
Mid-Period Rate Adjustment 7-1-08	0.0825 PER THERM
Mid-Period Rate Adjustment 8-1-08	0.4654 PER THERM
Mid-Period Rate Adjustment 8-1-08	-0.5248 PER THERM
Mid-Period Rate Adjustment 8-1-08	-0.0416 PER THERM
Cost of Gas Rate Effective 5-1-09	\$ <u>1.0537</u> PER THERM

Pursuant to tariff section 17(d), the Company may adjust the approved CGA rate upward or downward on a monthly basis within the following ranges:

Maximum Cost of Gas Rate	3.3982 PER THERM
	\$ <u>1.2645</u> PER THERM
Minimum Cost of Gas Rate	2.2654 PER THERM
	\$ <u>0.8430</u> PER THERM

Issued: ~~September 24, 2008~~ April 21, 2009
 Effective: ~~October 1, 2008~~ May 1, 2009

Issued By: _____
 Karen L. Zink
 Title: Treasurer

In Compliance with DG 08-045, Order No. 24,882
 In Compliance with DG 09-057, Order No. XX,XXX

NEW HAMPSHIRE GAS CORPORATION

CONVERSION OF PRODUCED GAS COSTS TO THERMS

	1	2	3	4		5	6	7
				VOLUMES			UNIT COST	
	<u>PERIOD</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	SUMMER 2009	GALLONS	0.91502	384,102	351,461		\$0.9072	\$0.9915

NEW HAMPSHIRE GAS CORPORATION

CALCULATION OF COST OF GAS ADJUSTMENT

SUPPLY / DEMAND BALANCE ALL VOLUMES IN THERMS

	MAY 09	JUN 09	JUL 09	AUG 09	SEP 09	OCT 09	TOTAL	LINE NO.
<u>SENDOUT</u>								1
FIRM SENDOUT *	62,927	44,831	45,221	45,605	46,915	93,825	339,325	2 3
COMPANY USE	2,611	1,995	1,070	1,060	2,170	3,230	12,136	4 5
TOTAL SENDOUT	65,538	46,826	46,291	46,665	49,085	97,055	351,461	6 7
* UNACCTED FOR VOLS INCLUDED	1,981	1,411	1,423	1,436	1,477	2,953	10,681	8 9
<u>COSTS</u>								10 11
PROPANE SENDOUT FROM ABOVE	65,538	46,826	46,291	46,665	49,085	97,055	351,461	12 13
COST/THERM FROM ATTACHMENT E	\$1.1452	\$1.0130	\$0.9693	\$0.9486	\$0.9390	\$0.9350	\$0.9915	14 15 16
TOTAL PROPANE COSTS	\$75,057	\$47,437	\$44,870	\$44,268	\$46,092	\$90,750	\$348,474	17 18 19
<u>REVENUES</u>								20 21
FIRM SALES	87,689	53,588	39,459	40,875	42,866	44,463	308,940	22 23
RATE/THERM PER TARIFF	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537		24 25
TOTAL REVENUES	\$92,402	\$56,468	\$41,580	\$43,072	\$45,170	\$46,853	\$325,545	26 27
UNDER/OVER COLLECTION	(\$17,345)	(\$9,031)	\$3,290	\$1,196	\$923	\$43,896	\$22,929	28 29 30
INTEREST FROM ATTACHMENT C	(\$84)	(\$120)	(\$128)	(\$122)	(\$120)	(\$59)	(\$634)	31 32
FINAL UNDER/OVER COLLECTION	(\$22,296)	(\$17,429)	(\$9,151)	\$3,162	\$1,074	\$803	\$43,837	(\$0) 33 34

NEW HAMPSHIRE GAS CORPORATION

COG REFUND INTEREST CALCULATION FOR THE SUMMER PERIOD MAY 2009 THROUGH OCTOBER 2009

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	NOV	(21,833)	0	0	(21,833)	(21,833)	5.00	(91)	(21,924)
2	DEC	(21,924)	0	0	(21,924)	(21,924)	5.00	(91)	(22,015)
3	JAN 2009	(22,015)	0	0	(22,015)	(22,015)	4.00	(73)	(22,088)
4	FEB	(22,088)	0	0	(22,088)	(22,088)	4.00	(74)	(22,162)
5	MAR	(22,162)	0	0	(22,162)	(22,162)	4.00	(74)	(22,236)
6	APR	(22,236)	0	0	(22,236)	(22,236)	3.25	(60)	(22,296)
7	MAY	(22,296)	(17,345)	0	(39,641)	(30,969)	3.25	(84)	(39,725)
8	JUN	(39,725)	(9,031)	0	(48,756)	(44,241)	3.25	(120)	(48,876)
9	JUL	(48,876)	3,290	0	(45,586)	(47,231)	3.25	(128)	(45,714)
10	AUG	(45,714)	1,196	0	(44,518)	(45,116)	3.25	(122)	(44,640)
11	SEP	(44,640)	923	0	(43,717)	(44,179)	3.25	(120)	(43,837)
12	OCT	(43,837)	43,896	0	59	(21,889)	3.25	(59)	(0)
								<u>(1,096)</u>	

BEG. BAL. W/INTEREST = -OVER/UNDER BEG.BAL. @ NOV 2008 + INTEREST EXPENSE NOV 2008 THROUGH APR 2009

$$\begin{aligned}
 &= \text{COL. 1, LINE 1} & + & \text{COL. 7, LINES 1 TO 12} \\
 &= \underline{(21,833)} & + & \underline{(1,096)} \\
 &= \underline{\underline{(22,929)}}
 \end{aligned}$$

NEW HAMPSHIRE GAS CORPORATION

ACTUAL -OVER/UNDER COLLECTION MAY 2008 THROUGH OCTOBER 2008

ALL IN THERMS

	<u>PRIOR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	TOTALS
1 SALES		78,945	53,688	39,183	40,875	41,402	42,664	296,757
2 COG RATE PER TARIFF		1.9720	2.2839	2.3664	2.8318	2.3070	2.2654	
3 RECOVERED COSTS= SALES X COG RATE		155,679	122,616	92,722	115,758	95,515	96,651	678,941
4 USED BY UTILITY FOR MAKING GAS		2,611	1,995	1,070	1,060	2,170	3,230	12,136
HEATING DEGREE DAYS		342	66	2	42	128	512	1092
5 TOTAL PURCHASED AND PRODUCED GAS		64,087	45,343	44,868	45,591	46,380	86,422	332,691
6 COST PER THERM		1.8100	1.9970	2.1612	2.1043	2.0010	1.6535	1.9091
7 TOTAL COSTS		116,001	90,549	96,970	95,934	92,806	142,894	635,154
8 ACTUAL -OVER/UNDER COLLECTION		-39,679	-32,067	4,248	-19,823	-2,709	46,243	
9 INTEREST AMOUNT		16	-164	-195	-228	-276	-187	
10 FINAL -OVER/UNDER COLLECTION	22,993	-16,670	-48,905	-44,852	-64,904	-67,889	-21,833	

New Hampshire Gas Corporation
Fixed Price Option Program
Forecasted 2009 Summer Period vs. Actual 2008 Summer Period

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Typical Residential Heating Bill															Summer May-Oct	Total Nov-Oct
12 MOS ENDED 10/2008	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct	
Typical Usage:	73	112	165	211	158	138	858	51	35	20	17	21	24	169	1,026	
Residential Heating																
Winter:																
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00									
Delivery Charge:																
First 80 therms @ \$0.8930	\$65.42	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$422.62									
Next 120 therms @ \$0.6850	\$0.00	\$21.74	\$58.24	\$82.20	\$53.68	\$39.99	\$255.85									
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.84	\$0.00	\$0.00	\$5.84									
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								\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67	\$573.29	
Next 120 therms @ \$0.6850								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255.85	
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.84	
Total Customer Charge/Base Rate Amount	\$72.42	\$100.18	\$136.68	\$166.48	\$132.12	\$118.43	\$726.31	\$52.60	\$38.06	\$24.84	\$22.20	\$26.16	\$28.81	\$192.67	\$918.97	
Deferred Revenue Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470			
Deferred Revenue Surcharge Total	\$3.44	\$5.25	\$7.76	\$9.91	\$7.44	\$6.50	\$40.31	\$2.40	\$1.63	\$0.94	\$0.80	\$1.01	\$1.15	\$7.93	\$48.24	
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							
CGA Rates - (Seasonal)	\$1.5212	\$1.5212	\$1.5212	\$1.5212	\$1.5212	\$1.5212		\$1.9720	\$2.2839	\$2.3664	\$2.8318	\$2.3070	\$2.2654	\$2.2548		
Total COG	\$111.44	\$169.98	\$251.03	\$320.82	\$240.90	\$210.50	\$1,304.67	\$100.69	\$79.43	\$47.28	\$46.20	\$49.51	\$55.32	\$380.43	\$1,685.10	
Total Bill	\$187	\$275	\$395	\$497	\$380	\$335	\$2,071	\$156	\$119	\$73	\$71	\$77	\$85	\$581	\$2,652	
Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge Typical Residential Heating Bill																
12 MOS ENDED 10/2009	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct	
Typical Usage:	73	112	165	211	158	138	858	51	35	20	17	21	24	169	1,026	
Residential Heating																
Winter:																
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00									
Delivery Charge:																
First 80 therms @ \$0.8930	\$65.42	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$422.62									
Next 120 therms @ \$0.6850	\$0.00	\$21.74	\$58.24	\$82.20	\$53.68	\$39.99	\$255.85									
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.84	\$0.00	\$0.00	\$5.84									
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								\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67	\$573.29	
Next 120 therms @ \$0.6850								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255.85	
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.84	
Total Customer Charge/Base Rate Amount	\$72.42	\$100.18	\$136.68	\$166.48	\$132.12	\$118.43	\$726.31	\$52.60	\$38.06	\$24.84	\$22.20	\$26.16	\$28.81	\$192.67	\$918.97	
Seasonal Cust. Charge/Base Rate Diff. from previous year							\$0.00							\$0.00	\$0.00	
Seasonal Percent Change from previous year							0.0%							0.0%	0.0%	
Deferred Revenue Surcharge	\$0.0532	\$0.0532	\$0.0532	\$0.0532	\$0.0532	\$0.0532		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00		
Deferred Revenue Surcharge Total	\$3.90	\$5.94	\$8.78	\$11.22	\$8.42	\$7.36	\$45.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.63	
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							
CGA Rates - (Seasonal)	\$2.2408	\$2.2408	\$2.2408	\$2.2408	\$2.2408	\$2.2408		\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537		
Total COG	\$164.16	\$250.39	\$369.78	\$472.58	\$354.85	\$310.08	\$1,921.84	\$53.80	\$36.65	\$21.05	\$17.93	\$22.61	\$25.73	\$177.79	\$2,099.63	
Seasonal COG Difference from previous year							\$617.17							-\$202.64	\$414.53	
Seasonal Percent Change from previous year							47.3%							-53.3%	24.6%	
Total Bill	\$240	\$357	\$515	\$650	\$495	\$436	\$2,694	\$106	\$75	\$46	\$40	\$49	\$55	\$370	\$3,064	
Seasonal Total Bill Difference from previous year							\$622							-\$211	\$412	
Seasonal Percent Change from previous year							30.1%							-36.2%	15.5%	
Seasonal Percent Change resulting from Base Rates							0.0%							0.0%	0.0%	
Seasonal Percent Change resulting from COG							29.8%							-34.9%	15.6%	

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

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge
 Typical Residential Heating Bill

12 MOS ENDED 10/2008	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Typical Usage:	73	112	165	211	158	138	858	51	35	20	17	21	24	169	1,026
Residential Heating															
Winter:															
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Delivery Charge:															
First 80 therms @ \$0.8930	\$65.42	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$422.62								
Next 120 therms @ \$0.6350	\$0.00	\$21.74	\$58.24	\$82.20	\$53.68	\$39.99	\$255.85								
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.84	\$0.00	\$0.00	\$5.84								
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								\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67	\$573.29
Next 120 therms @ \$0.6850								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255.85
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.84
Total Customer Charge/Base Rate Amount	\$72.42	\$100.18	\$136.68	\$166.48	\$132.12	\$118.43	\$726.31	\$52.60	\$38.06	\$24.84	\$22.20	\$26.16	\$28.81	\$192.67	\$918.97
Deferred Revenue Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470		
Deferred Revenue Surcharge Total	\$3.44	\$5.25	\$7.76	\$9.91	\$7.44	\$6.50	\$40.31	\$2.40	\$1.63	\$0.94	\$0.80	\$1.01	\$1.15	\$7.93	\$48.24
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
CGA Rates - (Seasonal)	\$1.5811	\$1.7693	\$1.7693	\$1.6534	\$1.8973	\$1.8973		\$1.9720	\$2.2839	\$2.3664	\$2.8318	\$2.3070	\$2.2654	\$2.2548	
Total COG	\$115.83	\$197.70	\$291.97	\$348.70	\$300.46	\$262.55	\$1,517.21	\$100.69	\$79.43	\$47.28	\$48.20	\$49.51	\$55.32	\$380.43	\$1,897.64
Total Bill	\$192	\$303	\$436	\$525	\$440	\$387	\$2,284	\$156	\$119	\$73	\$71	\$77	\$85	\$581	\$2,865

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge
 Typical Residential Heating Bill

12 MOS ENDED 10/2009	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Typical Usage:	73	112	165	211	158	138	858	51	35	20	17	21	24	169	1,026
Residential Heating															
Winter:															
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Delivery Charge:															
First 80 therms @ \$0.8930	\$65.42	\$71.44	\$71.44	\$71.44	\$71.44	\$71.44	\$422.62								
Next 120 therms @ \$0.6850	\$0.00	\$21.74	\$58.24	\$82.20	\$53.68	\$39.99	\$255.85								
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.84	\$0.00	\$0.00	\$5.84								
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								\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67	\$573.29
Next 120 therms @ \$0.6850								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255.85
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.84
Total Customer Charge/Base Rate Amount	\$72.42	\$100.18	\$136.68	\$166.48	\$132.12	\$118.43	\$726.31	\$52.60	\$38.06	\$24.84	\$22.20	\$26.16	\$28.81	\$192.67	\$918.97
Seasonal Cust. Charge/Base Rate Diff. from previous year							\$0.00							\$0.00	\$0.00
Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
Deferred Revenue Surcharge	\$0.0532	\$0.0532	\$0.0532	\$0.0532	\$0.0532	\$0.0532		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.63
Deferred Revenue Surcharge Total	\$3.90	\$5.94	\$8.78	\$11.22	\$8.42	\$7.36	\$45.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.63
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
CGA Rates - (Seasonal)	\$1.8139	\$1.6498	\$1.6498	\$1.6498	\$1.6498	\$1.6498		\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	
Total COG	\$132.89	\$184.35	\$272.25	\$347.94	\$261.26	\$228.30	\$1,426.99	\$53.80	\$36.65	\$21.05	\$17.93	\$22.61	\$25.73	\$177.79	\$1,604.78
Seasonal COG Difference from previous year							-\$90.22							-\$202.64	-\$292.86
Seasonal Percent Change from previous year							-5.9%							-53.3%	-15.4%
Total Bill	\$209	\$290	\$418	\$526	\$402	\$354	\$2,199	\$106	\$75	\$46	\$40	\$49	\$55	\$370	\$2,569
Seasonal Total Bill Difference from previous year							-\$85							-\$211	-\$295
Seasonal Percent Change from previous year							-3.7%							-36.2%	-10.3%
Seasonal Percent Change resulting from Base Rates							0.0%							0.0%	0.0%
Seasonal Percent Change resulting from COG							-4.0%							-34.9%	-10.2%

Supplemental Schedule C

Propane Spot Market Purchase Cost Analysis
SUMMER 2009

		<u>Mt. Belvieu</u>	<u>+</u>	<u>Broker Fee</u>	<u>=</u>	<u>0.6592</u>	<u>+</u>	<u>0.0799</u>	<u>+</u>	<u>0.0050</u>	<u>=</u>	<u>0.7441</u>	<u>+</u>	<u>0.0658</u>	<u>=</u>	<u>0.8099</u>	<u>=</u>	<u>0.8851</u>
1	MAY	0.6492	+	0.0100	=	0.6592	+	0.0799	+	0.0050	=	0.7441	+	0.0658	=	0.8099	=	0.8851
2																		
3	JUNE	0.6571	+	0.0100	=	0.6671	+	0.0799	+	0.0050	=	0.7520	+	0.0658	=	0.8178	=	0.8938
4																		
5	JULY	0.6571	+	0.0100	=	0.6671	+	0.0799	+	0.0050	=	0.7520	+	0.0658	=	0.8178	=	0.8938
6																		
7	AUG	0.6733	+	0.0100	=	0.6833	+	0.0799	+	0.0050	=	0.7682	+	0.0658	=	0.8340	=	0.9115
8																		
9	SEPT	0.6821	+	0.0100	=	0.6921	+	0.0799	+	0.0050	=	0.7770	+	0.0658	=	0.8428	=	0.9211
10																		
11	OCT	0.6900	+	0.0100	=	0.7000	+	0.0799	+	0.0050	=	0.7849	+	0.0658	=	0.8507	=	0.9297
12																		
13																		

Mt. Belvieu settlement prices based on New York Mercantile propane futures market quotations of 04/15/09.

	Commodity Price		Pipeline Fee		Broker Fee		PERC		Trucking		NHGC Price	Contract Volumes	NHGC Cost	Plan Price	Contract Volumes	Plan Cost	Cost Premium	Per Gallon Premium
April	1.4638	+	0.0915	+	0.0100	+	0.0050	+	0.0773	=	\$1.6476	140,000	\$230,664	\$1.6873	140,000	\$236,222	\$5,558	\$0.0397
May	1.7363	+	0.0915	+	0.0100	+	0.0050	+	0.0773	=	\$1.9201	105,000	\$201,611	\$1.9598	105,000	\$205,779	\$4,169	\$0.0397
June	1.6913	+	0.0915	+	0.0100	+	0.0050	+	0.0773	=	\$1.8751	105,000	\$196,886	\$1.9148	105,000	\$201,054	\$4,169	\$0.0397
July	1.9225	+	0.0915	+	0.0100	+	0.0050	+	0.0773	=	\$2.1063	140,000	\$294,882	\$2.1460	140,000	\$300,440	\$5,558	\$0.0397
August	1.7650	+	0.0915	+	0.0100	+	0.0050	+	0.0773	=	\$1.9488	105,000	\$204,624	\$1.9885	105,000	\$208,793	\$4,169	\$0.0397
September	1.6950	+	0.0915	+	0.0100	+	0.0050	+	0.0773	=	\$1.8788	105,000	\$197,274	\$1.9185	105,000	\$201,443	\$4,169	\$0.0397
Total												700,000	\$1,325,940		700,000	\$1,353,730	\$27,790	\$0.0397

Delivery Month	Contract Price (1)	Contract Volumes (2)	Total Contract Cost (3)	Average Delivered Spot Price (4)	Contract Volumes (5)	Hypothetical Spot Cost (6)	Incremental Cost / (Savings) of Plan (7)
			(1) x (2)			(4) x (5)	(3) - (6)
Nov-08	\$1.9340	85,000	\$164,390	\$0.98	85,000	\$82,984	\$81,406
Dec-08	\$1.9340	130,000	\$251,420	\$0.85	130,000	\$109,920	\$141,500
Jan-09	\$1.9340	190,000	\$367,460	\$1.22	190,000	\$231,331	\$136,129
Feb-09	\$1.9340	140,000	\$270,760	\$1.00	140,000	\$140,279	\$130,481
Total			\$1,054,030			\$564,513	\$489,517

New Hampshire Gas Corporation- Summer 2008
Weather Normalization - Firm Sendout

Month	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 3.25%	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) * 3.25%	(10) - (11) + (12)
May	64,087	45,230	18,858	342	332	10	55.14	(529)	18,328	63,558	2,611	1,981	62,927
June	45,343	45,230	114	66	108	(42)	1.72	72	186	45,415	1,995	1,411	44,831
July	44,868	45,230	0	0	0	0	0.00	0	0	44,868	1,070	1,423	45,221
August	45,591	45,230	362	0	0	0	0.00	0	0	45,230	1,060	1,436	45,605
September	46,380	45,230	1,151	128	265	(137)	8.99	1,228	2,379	47,608	2,170	1,477	46,915
October	86,422	45,230	41,193	512	607	(95)	80.45	7,679	48,872	94,101	3,230	2,953	93,825
Total	332,691	271,377	61,676	1,048	1,313	(265)		8,451	69,765	340,780	12,136	10,681	339,325

New Hampshire Gas Corporation Weather Normalization - Sales Rate Residential											
Month	Billing Cycle Customers	Billing Cycle Sales	Base Load	Heating Load	Billing Cycle Monthly Actual Degree Days	Billing Cycle Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (3)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
May	771	19,378	7,525	11,854	489	595	(106)	24.25	2,578	14,432	21,956
June	727	11,637	7,525	4,113	300	299	1	13.69	(17)	4,095	11,620
July	745	8,030	7,525	506	56	86	(30)	9.10	276	782	8,306
August	737	7,252	7,525	0	0	0	0	0.00	0	0	7,252
September	766	7,797	7,525	273	23	46	(23)	11.75	267	540	8,064
October	785	9,602	7,525	2,078	187	306	(119)	11.12	1,325	3,402	10,927
Total		63,696	45,147	18,822	1,055	1,332	(277)	70	4,429	23,251	68,125

New Hampshire Gas Corporation Weather Normalization - Sales Rate Commercial											
Month	Billing Cycle Customers	Billing Cycle Sales	Base Load	Heating Load	Billing Cycle Monthly Actual Degree Days	Billing Cycle Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (3)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
May	303	59,567	32,388	27,179	497	610	(113)	54.67	6,166	33,345	65,733
June	299	42,051	32,388	9,663	309	306	3	31.26	(83)	9,580	41,968
July	300	31,153	32,388	0	58	90	(32)	0.00	0	0	31,153
August	298	33,623	32,388	1,235	0	0	0	0.00	0	1,235	33,623
September	296	33,606	32,388	1,218	18	36	(18)	67.11	1,195	2,413	34,801
October	300	33,062	32,388	674	171	292	(121)	3.93	475	1,149	33,537
Total		233,062	194,328	39,969	1,054	1,335	(281)	157	7,753	47,722	240,815

May	87,689
June	53,588
July	39,459
August	40,875
September	42,866
October	44,463
Total Summer	308,940