

Calculation of the Cost of Gas Rate

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

Total Anticipated Cost

Propane	355,105	\$ 1.8211	\$ 646,682
	(Volume in Therms)	(Cost/Therm)	
Add: Prior Period (Deficiency Uncollected)		\$ 22,149	
Interest		\$ (799)	
Deduct: Prior Period (Excess Collected)		\$ -	
Interest		\$ -	
Prior Period Adjusted			\$ <u>21,349</u>
Total Anticipated Cost			\$ 668,031

Projected Gas Sales

338,752 THERMS

Cost of Gas

Beginning of Period Cost of Gas Rate	\$ 1.9720 PER THERM
Mid Period Rate Adjustment - 5-23-08	\$ 0.3119 PER THERM
Mid Period Rate Adjustment - 6-19-08	\$ 0.0825 PER THERM
Mid Period Rate Adjustment - 7-15-08	\$ <u>0.1155 PER THERM</u>
Revised cost of Gas Rate Effective August 1, 2008	\$ <u><u>2.4819 PER THERM</u></u>

NEW HAMPSHIRE GAS CORPORATION

ACTUAL -OVER/UNDER COLLECTION MAY 2008 THROUGH OCTOBER 2008
WITH MAXIMUM COG RATE AS APPROVED IN DG 08-045

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	53,444	43,381	39,183	42,784	49,773	307,510
2 COG RATE PER TARIFF		1.9720	2.2839	2.3664	2.3664	2.3664	2.3664	
3 RECOVERED COSTS= SALES X COG RATE		155,679	122,061	102,657	92,723	101,244	117,783	692,146
4 USED BY UTILITY FOR MAKING GAS		2,611	2,680	3,430	1,826	4,510	2,435	17,492
HEATING DEGREE DAYS		342	0	0	0	0	0	342
5 TOTAL PURCHASED AND PRODUCED GAS		64,087	44,019	43,634	45,312	49,759	84,336	331,147
6 COST PER THERM		1.8099	2.0005	2.1004	2.1451	2.1685	2.1887	2.0698
7 TOTAL COSTS		115,997	88,060	91,650	97,202	107,901	184,585	685,396
8 ACTUAL -OVER/UNDER COLLECTION		-39,683	-34,000	-11,006	4,480	6,657	66,802	
9 INTEREST AMOUNT		16	-168	-235	-249	-227	-75	
10 FINAL -OVER/UNDER COLLECTION	22,993	-16,674	-50,842	-62,084	-57,853	-51,423	15,303	

NEW HAMPSHIRE GAS CORPORATION

ACTUAL -OVER/UNDER COLLECTION MAY 2008 THROUGH OCTOBER 2008
WITH COG RATE INCREASE AUGUST 1, 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	53,444	43,381	39,183	42,784	49,773	307,510
2 COG RATE PER TARIFF		1.9720	2.2839	2.3664	2.4819	2.4819	2.4819	
3 RECOVERED COSTS= SALES X COG RATE		155,679	122,061	102,657	97,247	106,184	123,530	707,358
4 USED BY UTILITY FOR MAKING GAS		2,611	2,680	3,430	1,826	4,510	2,435	17,492
HEATING DEGREE DAYS		342	0	0	0	0	0	342
5 TOTAL PURCHASED AND PRODUCED GAS		64,087	44,019	43,634	45,312	49,759	84,336	331,147
6 COST PER THERM		1.8099	2.0005	2.1004	2.1451	2.1685	2.1887	2.0698
7 TOTAL COSTS		115,997	88,060	91,650	97,202	107,901	184,585	685,396
8 ACTUAL -OVER/UNDER COLLECTION		-39,683	-34,000	-11,006	-45	1,717	61,055	
9 INTEREST AMOUNT		16	-168	-235	-259	-256	-127	
10 FINAL -OVER/UNDER COLLECTION	22,993	-16,674	-50,842	-62,084	-62,388	-60,927	0	

Propane Spot Market Purchase Cost Analysis
SUMMER 2008

		Original Filing	Revised Filing	Change	% Increase
1					
2	Jul-08	1.5375	1.8275	0.2900	18.86%
3					
4	Aug-08	1.5425	1.8325	0.2900	18.80%
5					
6	Sep-08	1.5475	1.8375	0.2900	18.74%
7					
8	Oct-08	1.5525	1.8475	0.2950	19.00%
	Average	1.5450	1.8363	0.2913	18.85%
		As of April 11, 2008	As of June 18, 2008		

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

Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge							
Typical Residential Heating Bill							
6 MOS ENDED 10/2008	May	June	July	August	September	October	Summer May-Oct
Typical Usage:	51	35	20	17	21	24	169
Residential Heating							
Winter:							
Cust. Chg.							
Delivery Charge:							
First 80 therms @ \$0.8930							
Next 120 therms @ \$0.6850							
Over 200 therms @ \$0.5355							
Summer:							
Cust. Chg.							
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00
Delivery Charge:							
First 80 therms @ \$0.8930	\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67
Next 120 therms @ \$0.6850	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Over 200 therms @ \$0.5354	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Customer Charge/Base Rate Amount	\$52.60	\$38.06	\$24.84	\$22.20	\$26.16	\$28.81	\$192.67
Deferred Revenue Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	
Deferred Revenue Surcharge Total	\$2.40	\$1.63	\$0.94	\$0.80	\$1.01	\$1.15	\$7.93
Rate Case Surcharge	\$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
CGA Rates - (Seasonal)	\$1.9720	\$2.2839	\$2.3644	\$2.3644	\$2.3644	\$2.3644	\$2.2291
Total COG	\$100.69	\$79.43	\$47.24	\$40.24	\$50.74	\$57.74	\$376.09
Total Bill	\$156	\$119	\$73	\$63	\$78	\$88	\$577
Shows the effect of the Unit Cost of Gas, Delivery Charge, & Base Rate Charge							
Typical Residential Heating Bill							
6 MOS ENDED 10/2008	May	June	July	August	September	October	Summer May-Oct
Typical Usage:	51	35	20	17	21	24	169
Residential Heating							
Winter:							
Cust. Chg.							
Delivery Charge:							
First 80 therms @ \$0.8930							
Next 120 therms @ \$0.6850							
Over 200 therms @ \$0.5355							
Summer:							
Cust. Chg.							
Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00
Delivery Charge:							
First 80 therms @ \$0.8930	\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67
Next 120 therms @ \$0.6850	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Over 200 therms @ \$0.5354	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Customer Charge/Base Rate Amount	\$52.60	\$38.06	\$24.84	\$22.20	\$26.16	\$28.81	\$192.67
Seasonal Cust. Charge/Base Rate Diff. from previous year							\$0.00
Seasonal Percent Change from previous year							0.0%
Deferred Revenue Surcharge	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	\$0.0470	
Deferred Revenue Surcharge Total	\$2.40	\$1.63	\$0.94	\$0.80	\$1.01	\$1.15	\$7.93
Rate Case Surcharge	\$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
CGA Rates - (Seasonal)	\$1.9720	\$2.2839	\$2.3664	\$2.4819	\$2.4819	\$2.4819	\$2.2731
Total COG	\$100.69	\$79.43	\$47.28	\$42.24	\$53.26	\$60.61	\$383.52
Seasonal COG Difference from previous year							\$7.43
Seasonal Percent Change from previous year							2.0%
Total Bill	\$156	\$119	\$73	\$65	\$80	\$91	\$584
Seasonal Total Bill Difference							\$7
Seasonal Percent Change							1.3%
Seasonal Percent Change resulting from Base Rates							0.0%
Seasonal Percent Change resulting from COG							1.3%