NEW HAMPSHIRE GAS CORPORATION COST OF GAS RATE

SUMMER PERIOD 2009

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NHPUC No. 1 GAS

New Hampshire Gas Corporation

39th Revised Page 25 Superseding 38th Revised Page 25

Calculation of the Cost of Gas Rate

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

Total Anticipated Cost

348,474 351,461 0.9915 Propane (Cost/Therm) (Volume in Therms) Prior Period (Deficiency Add: Uncollected) Interest Prior Period (Excess Deduct: (21,833)Collected) (1,096)Interest (22,929)Prior Period Adjusted 325,545

Projected Gas Sales

308,940 THERMS

Cost of Gas

Cost of Gas Rate

Total Anticipated Cost

1.0537 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

1.2645 PER THERM

Minimum Cost of Gas Rate

0.8430 PER THERM

Issued:

Issued By: Karen L. Zink

Effective: May 1, 2009

Treasurer

In Compliance with DG 09-XXX, Order No.

NHPUC No. 1 GAS

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

New Hampshire Gas Corporation

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	Antici	nated	Cost

	Propane	341,241 351,461 (Volume in Therms)	\$ \$ (2.1452 0.9915 Cost/Therm)	\$	732,046 348,474
Add:	Prior Period (Defi Uncollected) Interest	iciency	\$ \$	22,146 (183)		
Deduct:	Prior Period (Exc Collected) Interest	ess	\$ \$	(21,833) (1,096)		
	Prior Period Adju	sted			\$	21,966 (<u>22,929</u>)
		Total Anticipated Cost			\$	325,545
Projected	Gas Sales					307,754 THERMS 308,940 THERMS
Cost of G	<u>as</u>					
	E	Beginning Period Cost of Gas	Rate		\$	1.9720 PER THERM 1.0537 PER THERM
	ŧ	Mid Period Rate Adjustment 6	-1-08			0.3119 PER THERM
	ŧ	Mid Period Rate Adjustment 7	-1-08			0.0825 PER THERM
	Þ	Mid Period Rate Adjustment 8	-1-08			0.4654 PER THERM
	4	Mid Period Rate Adjustment 8	-1-08			-0.5248 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 \$ 1.2645 PER THERM
Minimum Cost of Gas Rate	2.2654 PER THERM \$ 0.8430 PER THERM

-0.0416 PER THERM

1.0537 PER THERM

Issued:

September 24, 2008 April 21, 2009

Effective: October 1, 2008

May 1, 2009

Mid-Period-Rate Adjustment 8-1-08

Cost of Gas Rate Effective 5-1-09

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	
				VOLU	JMES	UN	IT COST	
	PERIOD	<u>UNIT</u>	CONVERSION FACTOR	N GALLONS	THERMS	PER GALLO	PER N THERM	
PROPANE FROM INVENTORY	SUMMER 2009	GALLONS	0.91502	384,102	351,461	\$0.90	72 \$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	
SENDOUT								
FIRM SENDOUT *	62,927	44,831	45,221	45,605	46,915	93,825	339,325	
COMPANY USE	2,611	1,995	1,070	1,060	2,170	3,230	12,136	
TOTAL SENDOUT	65,538	46,826	46,291	46,665	49,085	97,055	351,461	
* UNACCTED FOR VOLS INCLUDED	1,981	1,411	1,423	1,436	1,477	2,953	10,681	
COSTS								
PROPANE SENDOUT FROM ABOVE	65,538	46,826	46,291	46,665	49,085	97,055	351,461	
COST/THERM FROM ATTACHMENT E	\$1.1452	\$1.0130	\$0.9693	\$0.9486	\$0.9390	\$0.9350	\$0.9915	
TOTAL PROPANE COSTS	\$75,057	\$47,437	\$44,870	\$44,268	\$46,092	\$90,750	\$348,474	
REVENUES								
FIRM SALES	87,689	53,588	39,459	40,875	42,866	44,463	308,940	
RATE/THERM PER TARIFF	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537	\$1.0537		
TOTAL REVENUES	\$92,402	\$56,468	\$41,580	\$43,072	\$45,170	\$46,853	\$325,545	
UNDER/-OVER COLLECTION	(\$17,345)	(\$9,031)	\$3,290	\$1,196	\$923	\$43,896	\$22,929	
INTEREST FROM ATTACHMENT C	(\$84)	(\$120)	(\$128)	(\$122)	(\$120)	(\$59)	(\$634)	
FINAL UNDER/-OVER COLLECTION (\$22,	296) (\$17,429)	(\$9,151)	\$3,162	\$1,074	\$803	\$43,837	(\$0)	

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)
							:	(1,096)	=

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

= COL. 1, LINE 1

COL. 7, LINES 1 TO 12

= (21,833)

+ (1,096)

(22,929)

NEW HAMPSHIRE GAS CORPORATION

ACTUAL -OVER/UNDER COLLECTION MAY 2008 THROUGH OCTOBER 2008 ALL IN THERMS

	PRIOR	MAY	<u>JUN</u>	<u>JUL</u>	AUG	SEP	<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 PROPANE INVENTORY FOR THE SUMMER PERIOD MAY TO OCTOBER 2009

LINE NO.

INE NO.								
1	April 2009 (Estimated)	Therms	Cost	Ra	<u>ite</u>			
2	•			Therm	<u>Gal.</u>			
3			*****	04 5007	04 4005			
4	Beginning Balance	57,443	\$90,216	\$1.5667	\$1,4335 \$1,3477			
5	Received during month	100,000	\$147,286 \$237,506	\$1.4729 \$1.5085	\$1.3803			
6	Total Available	157,443 103,742	\$237,506 \$156,497	\$1.5085	\$1.3803			
7	Less Vapor	53,701	\$81,009	\$1.5085	\$1.3803			
8 9	Ending Balance	33,701	φ01,000	Ψ1.0000	4 1.0000			
10	May 2009 (Forecasted)	Therms	Cost	Ra	<u>ite</u>			
11	,			<u>Therm</u>	<u>Gal.</u>			
12								
13	Beginning Balance	53,701	\$81,009	\$1.5085	\$1.3803			
14	Received during month	75,000	\$66,384	\$0.8851	\$0.8099			
15	Total Available	128,701	\$147,393	\$1.1452	\$1.0479		05.500	675.057
16	Less Vapor	65,538	\$75,057	\$1.1452	\$1.0479		65,538	\$75,057
17	Ending Balance	63,163	\$72,336	\$1.1452	\$1.0479			
18		7	Cont	Dr	ato.			
19	June 2009 (Forecasted)	<u>Therms</u>	<u>Cost</u>	<u>Ra</u> <u>Therm</u>	Gal.			
20				11161111	<u>our</u>			
21 22	Reginning Ralance	63,163	\$72,336	\$1.1452	\$1.0479			
23	Beginning Balance Received during month	70,000	\$62,563	\$0.8938	\$0.8178			
24	Total Available	133,163	\$134,899	\$1.0130	\$0.9269			
25	Less Vapor	46,826	\$47,437	\$1.0130	\$0.9269		46,826	\$47,437
26	Ending Balance	86,336	\$87,462	\$1.0130	\$0.9269			
27								
28	July 2009 (Forecasted)	<u>Therms</u>	Cost	Ra	<u>ite</u>			
29				<u>Therm</u>	<u>Gal.</u>			
30								
31	Beginning Balance	86,336	\$87,462	\$1.0130	\$0.9269			
32	Received during month	50,000	\$44,688	\$0.8938	\$0.8178			
33	Total Available	136,336	\$132,149	\$0.9693 \$0.9693	\$0,8869 \$0,8869		46,291	\$44,870
34	Less Vapor	46,291	\$44,870 \$87,279	\$0.9693	\$0.8869		10,201	4,
35 36	Ending Balance	90,045	ψ01,213	ψ0.0000	Ψ0.0000			
37	August 2009 (Forecasted)	Therms	Cost	Ra	ite			
38	August 2000 (1 orcodoted)	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	, 7,,1,1,1	Therm	Gal.			
39								
40	Beginning Balance	90,045	\$87,279	\$0.9693	\$0.8869			
41	Received during month	50,000	\$45,573	\$0.9115	\$0.8340			
42	Total Available	140,045	\$132,852	\$0.9486	\$0.8680			044.000
43	Less Vapor	46,665	\$44,268	\$0.9486	\$0.8680		46,665	\$44,268
44	Ending Balance	93,380	\$88,584	\$0.9486	\$0.8680			
45		Th	Coot	D ₀	to			
46	September 2009 (Forecasted)	Therms	Cost	Ra Therm	Gal.			
47 48				11101111				
49	Beginning Balance	93,380	\$88,584	\$0.9486	\$0.8680			
49 50	Received during month	50,000	\$46,054	\$0.9211	\$0.8428			
51	Total Available	143,380	\$134,637	\$0.9390	\$0.8592			
52	Less Vapor	49,085	\$46,092	\$0.9390	\$0.8592		49,085	\$46,092
53	Ending Balance	94,295	\$88,545	\$0.9390	\$0.8592			
54				_				
55	October 2009 (Forecasted)	<u>Therms</u>	<u>Cost</u>	<u>Ra</u>				
56				<u>Therm</u>	Gal.			
57	n i i nata	04.005	£00 E4E	\$0 0300	\$0.8592			
58	Beginning Balance	94,295	\$88,545 \$65,079	\$0.9390 \$0.9297	\$0.859Z			
59	Received during month	70,000 164,295	\$65,079 \$153,625	\$0.9257	\$0.8556			
60	Total Available	97,055	\$90,750	\$0.9350	\$0.8556		97,055	\$90,750
61 62	Less Vapor Ending Balance	67,240	\$62,875	\$0.9351	\$0.8556		•	
63	Ending Buldinoo	1						
64		AVE	RAGE SUMM	IER RATE		\$0.9915	351,461	\$348,474

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 Charg Typical Residential Heating Bill	je, & Base Ra	te Charge			,		***********			******		····	T TO STATE OF THE		
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: Residential Heating	73	112	165	211	158	138	858	51	35	20	17	21	24	169	1,026
Winter: Cust. Chg. Delivery Charge:	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
First 80 therms @ \$0.8930 Next 120 therms @ \$0.6850	\$65.42 \$0.00	\$71.44 \$21.74	\$71,44 \$58,24	\$71.44 \$82.20	\$71,44 \$53.68	\$71.44 \$39.99	\$422.62 \$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	67.00	47.00	•===				
Delivery Charge: First 80 therms @ \$0,8930								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00		\$84.00
Next 120 therms @ \$0.6850 Over 200 therms @ \$0.5354								\$45,60 \$0.00 \$0,00	\$31.06 \$0.00 \$0.00	\$17.84 \$0.00 \$0.00	\$15.20 \$0.00 \$0.00	\$19.16 \$0.00 \$0.00	\$21.81 \$0.00 \$0.00	\$150.67 \$0.00 \$0.00	\$573.29 \$255.85 \$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 Rate Case Surcharge Total	\$0.0000 \$0.00	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000 \$0.00	\$0.00	\$0,000 \$0.00	\$0.000	\$0.000	\$0.0000	\$0.0000 \$0.00	\$0.000	\$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	40.00
Total COG	\$111.44	\$169.98	\$251.03	\$320.82	\$240.90	\$210.50	\$1,304.67	\$100.69	\$79.43	\$47.28	\$48.20	\$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	\$2,65
Shows the effect of the Unit Cost of Gas, Delivery Charg	ge, & Base Ra	te Charge	****			······						***************************************			
Typical Residential Heating Bill				***************************************			Winter					····		I c	T-1-1
12 MOS ENDED 10/2009	November	December	January	February	March	April	Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Typical Usage; Residential Heating Winter:	73	112	165	211	158	138	858	51	35	20	17	21	24	169	1,02
Cust. Chg. Delivery Charge:	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
First 80 therms @ \$0.8930 Next 120 therms @ \$0.6850	\$65.42 \$0,00		\$71.44 \$58.24	\$71.44 \$82.20	\$71.44 \$53.68	\$71.44 \$39.99	\$422.62								
Over 200 therms @ \$0.5355	\$0.00		\$0.00	\$5.84	\$0.00	\$0.00	\$255.85 \$5.84								
Summer:															
Cust. Chg. Delivery Charge:								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.0
First 80 therms @ \$0.8930 Next 120 therms @ \$0.6850								\$45.60 \$0.00	\$31.06 \$0.00	\$17.84 \$0.00	\$15,20 \$0.00				\$573.2 \$255.8
Over 200 therms @ \$0.5354								\$0.00	\$0.00	\$0.00	\$0.00				
Total Customer Charge/Base Rate Amount Seasonal Cust. Charge/Base Rate Diff. from previous year	\$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		\$918.9
Seasonal Percent Change from previous year							\$0.00 0.0%							\$0,00 0.0%	\$0.0 0.0
Deferred Revenue Surcharge Deferred Revenue Surcharge Total	\$0.0532 \$3.90				\$0.0532 \$8.42	\$0.0532 \$7.36		\$0,0000 \$0,00	\$0.000	\$0.0000 \$0.00	\$0.0000 \$0.00		\$0.000		
Rate Case Surcharge	\$0.0000				\$0,0000	\$0.0000	345.05	·							343.0
Rate Case Surcharge Total	\$0.00				\$0.00	\$0.000	\$0.00	\$0.0000 \$0.00	\$0,000 \$0.00	\$0.0000 \$0.00	\$0.000 \$0.00				\$0.0
CGA Rates - (Seasonal)	\$2.2408				\$2,2408	\$2.2408		\$1.0537	\$1.0537	\$1.0537	\$1.0537				
Total COG Seasonal COG Difference from previous year	\$164.16	\$250,39	\$369.78	\$472.58	\$354.85	\$310.08	\$617.17	1	\$36.65	\$21.05	\$17.93	\$22.61	\$25.73	\$177.79 -\$202.64	
Seasonal Percent Change from previous year							47.3%							-53,3%	
Total Bill Seasonal Total Bill Difference from previous year	\$240	\$357	\$515	\$650	\$495	\$436	\$2,694 \$622		\$ 75	\$46	\$40	\$49	\$55		
Seasonal Percent Change from previous year Seasonal Percent Change resulting from Base Rates							30.1%							-\$211 -36.2%	15.59
Seasonal Percent Change resulting from COG	<u> </u>						0.0% 29.8%							0.0% -34,9%	

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 C Typical Residential Heating Bill	harge, & Base Rai	te Charge										*		<u> </u>	
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				
Residential Heating	"		100	211	130	130	636	31	33	20	17	21	24	169	1,02
Winter:						l									
Cust. Chg. Delivery Charge:	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
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						1		
Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.84	\$0.00	\$0.00	\$5.84								
Summer:															
Cust. Chg. Delivery Charge:								\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.0
First 80 therms @ \$0.8930							l	\$45,60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67	\$573.2
Next 120 therms @ \$0.6850							[\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255.8
Over 200 therms @ \$0,5354							ŀ	\$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	\$918.9
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	\$48.2
Rate Case Surcharge	\$0.0000	\$0,0000	\$0.0000	\$0,0000	*0.0000	***		******						******	•
Rate Case Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0,000	\$0,000	\$0.00	\$0.000	\$0.0000	\$0,000	\$0.000	\$0,000	\$0,000	\$0.00	\$0.0
		*****	70,00	40.00	40.00	\$0.00	\$0,00	40.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$1,897.6
Total Bill	\$192	\$303	\$436	\$525	\$440	\$387	\$2,284	\$156	\$119	\$73	\$71	\$77	\$85	\$581	£0.00
		4000	4400	4020	440	4301	42,204	\$136	4113	313	\$/1	\$11	\$85	\$581	\$2,86
Shows the effect of the Unit Cost of Gas, Delivery (Sharra & Day 5	4- 01-		" ' " " " " " " " " " " " " " " " " " "											
Typical Residential Heating Bill	Juarge, & Base Ra	iie Charge													
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		
Residential Heating Winter:															,,,,,

13 MOSE November December January February March April Nov-Apr May June July August September October May-Oct Nov-Oct	Typical Residential Heading Bill						r	145		***************************************						
Residential Heating Winter: Cust. Chg. Delivery Charge: First 80 therms @ \$0.0830 Next 120 therms @ \$0.0850 Next 120 therms @ \$0.0850 Over 200 therms @ \$0.0850 First 80 therms @ \$0.0850 Over 200 therms	12 MOS ENDED 10/2009	November	December	January	February	March	Anni	Winter Nov-Apr	May	luna	luke	August	Cantombor	Odeber	Summer	Total
Residential Heating Winter: Cust. Chap. Elivery Charge: First 80 herms @ 50,8930 \$56,42 \$71,44 \$		T	Describer	Junuary	resideny	March	Арін	i404-Vbi	IVIAY	Julie	July	August	September	October	May-Oct	Nov-Oct
Residential Heating Winter: Cust. Chag. Delivery Charge: First 80 therms @ 50.8930 \$56.42 \$71.44	Typical Usage:	73	112	165	211	158	138	858	51	35	20	17	21	24	160	1 026
Cust Chg. Delivery Charge: First 80 therms @ 50,8930 \$56,42 \$71,44	Residential Heating						,,,,	••••	•		20	"	21	2"	103	1,020
Delivery Charge: First 80 therms @ \$0.830	Winter:							l								
Delivery Charge: First 80 therms @ \$0.8930	Cust. Chg.	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00								
Next 120 therms @ \$0.6850	Delivery Charge:				*****	*****	******	7.2.55								
Next 120 therms @ \$0.6850	First 80 therms @ \$0.8930	\$65.42	\$71,44	\$71,44	\$71.44	\$71.44	\$71.44	\$422.62								
Summer:	Next 120 therms @ \$0.6850	\$0.00	\$21.74													
Summer: Cust. Chg. Delivery Charge: First 80 therms @ \$0.8930 Next 120 therms @ \$0.8950 Over 200 therms @ \$0.8950 Over	Over 200 therms @ \$0.5355	\$0.00	\$0.00	\$0.00	\$5.84											
Celivery Charge: First 80 therms @ \$0.9830 Next 120 therms @ \$0.9850 Over 200 therms @ \$0.50850 Over							*****	****								
Celivery Charge: First 80 therms @ \$0.9830 Next 120 therms @ \$0.9850 Over 200 therms @ \$0.50850 Over																
Delivery Charge: First 80 therms @ \$0.8930 Next 120 therms @ \$0.8930 Over 200 therms @ \$0.5354 Total Customer Charge/Base Rate Amount Seasonal Cust Charge/Base Rate Amount Seasonal Cust Charge/Base Rate Rate Diff. from previous year Deferred Revenue Surcharge Southarge Sou	Summer:															
Delivery Charge: First 80 therms @ \$0.8850 Over 200 therms @ \$0.5354 Total Customer Charge/Base Rate Amount S72.42 \$100.18 \$136.68 \$166.48 \$132.12 \$118.43 \$726.31 \$52.60 \$30.00 \$	Cust, Chg.	1							\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$42.00	\$84.00
Next 120 therms @ \$0.6850 Over 200 therms @ \$0.5354 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 \$1192.67 \$319.87 \$26850nal CVG Difference from previous year Deferred Revenue Surcharge \$0.0532 \$0.05	Delivery Charge:															
Next 120 therms @ \$0.6850	First 80 therms @ \$0.8930	1							\$45.60	\$31.06	\$17.84	\$15.20	\$19.16	\$21.81	\$150.67	\$573.29
Solid 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 \$2830nal Cust. Charge/Base Rate Diff. from previous year Solid Customer Charge Form previous year Solid Form Previous yea	Next 120 therms @ \$0.6850	1							\$0.00							
Total Customer Charge/Base Rate Amount \$72.42 \$100.18 \$136.68 \$136.68 \$132.12 \$118.43 \$726.31 \$52.60 \$38.06 \$24.84 \$22.20 \$26.16 \$28.81 \$192.67 \$918.97	Over 200 therms @ \$0.5354	1														
Seasonal Cust. Charge/Base Rate Diff. from previous year Seasonal Percent Change from Percent Change from pre														*****		*
Seasonal Percent Change from previous year Deferred Revenue Surcharge \$0.0532 \$0.053		\$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 \$0.0532 \$0.05		1						\$0.00							\$0.00	\$0.00
Deferred Revenue Surcharge Total \$3.90 \$5.94 \$8.78 \$11.22 \$8.42 \$7.36 \$45.63 \$0.00	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
Deferred Revenue Surcharge Total \$3.90 \$5.94 \$8.78 \$11.22 \$8.42 \$7.36 \$45.63 \$0.00		1														
Rate Case Surcharge \$0.000 \$0.																
Rate Case Surcharge Total \$0.00 \$0.0	Deterred 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 Total \$0.00 \$0.0	Bata Casa Surabassa	******	** ***	******												
CGA Rates - (Seasonal) \$1.8139 \$1.6498 \$1.6498 \$1.6498 \$1.6498 \$1.6498 \$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	Nate Case Strictlarge (Otal	\$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
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	CGA Rates - (Seasonal)	\$1,8139	\$1 6498	\$1 6498	\$1 6408	\$1 6408	\$1 6408		\$1.0527	\$1.0527	61.0527	£4 0527	£1.0527	64 0527	*1.0527	· ·
Seasonal COG Difference from previous year Seasonal Percent Change from previous year Seasonal Percent Change from previous year Seasonal Total Bill Difference from previous year Seasonal Total Bill Difference from previous year Seasonal Percent Change resulting from Base Rates Seasonal Percent Change resulting								\$1 426 99								£1 504 79
Seasonal Percent Change from previous year -5.9% -5.9% -5.9% -5.3% -5.3% -15.4%	Seasonal COG Difference from previous year	1		7-1	4011.01	4201120	4220.00		400.00	400.00	921,00	417.55	722.01	\$20.13		
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 -\$2505 -\$2505 Seasonal Percent Change resulting from Base Rates -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0% -\$0.0%	1	1						-5.576							-53.3%	-15,476
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%	Total Bill	\$209	\$290	\$418	\$526	\$402	\$354	\$2 199	\$106	\$75	\$46	\$40	242	\$ 55	\$370	\$2.569
Seasonal Percent Change from previous year -3,7% -36,2% -10,3% Seasonal Percent Change resulting from Base Rates 0.0% 0.0%	Seasonal Total Bill Difference from previous year	1		3.1.17	7727	7402	4004			410	740	740	443	400		
Seasonal Percent Change resulting from Base Rates 0.0% 0.0%																
	Seasonal Percent Change resulting from Base Rates															
	Seasonal Percent Change resulting from COG	1						-4.0%							-34.9%	-10.2%

Supplemental Schedule C

Propane Spot Market Purchase Cost Analysis SUMMER 2009

		Mt. Belvie	<u>u</u> _	Broker Fee	_		-	Pipeline Fee		PERC Fee	_	@ Selkirk	2	Truck to Keene	_	\$ per Gal	<u>.</u> .	Therm
1	MAY	0.6492	+	0.0100	=	0.6592	+	0.0799	+	0.0050	=	0.7441	+	0.0658	=	0.8099	=	0.8851
2	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 14	Mt. Bel	vieu settle	me	nt prices l	oase	ed on New	v Yc	rk Mercar	ntile	propane	futu	res marke	et					

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

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	Commodity		Pipeline	П	Broker	П					NHGC	Contract	NHGC	Plan	Contract	Plan	Cost	Per Gallon
	Price		Fee		Fee		PERC		Trucking		Price	Volumes	Cost	Price	Volumes	Cost	Premium	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 <i>,77</i> 9	\$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 Weather No	Gas Corporation ormalization - Fir		8			·	
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)
	04.007	45.000	(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 1	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

				N Weather	lew Hampshire (Normalization - S		n esidential				
Month	Billing Cycle Customers	Billing Cycle Sales (1)	Base Load (2)	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
		\''/	(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	
July	745	8,030	7,525	506	56	86	(30)	9.10	276	782	11,620
August	737	7,252	7,525	0	0	0	0	0.00	0	702	8,306
September	766	7,797	7,525	273	23	46		11.75		540	7,252
October	785	9,602	7,525	2,078	187	306	(23)		267	540	8,064
		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,520	2,070	107	300	(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

····				N Weather I	lew Hampshire (Normalization - S		n ommercial				
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	