

1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Peak 2008 - 2009 Winter Cost of Gas Filing

4 Summary

	Reference	Peak Nov - Apr (c)
(a)	(b)	
<b>9 Anticipated Direct Cost of Gas</b>		
Purchased Gas:		
Demand Costs:	Sch. 5A, col (k), In 44	\$ 6,587,275
Supply Costs	Sch. 6, col (i), In 43	66,928,128
Storage Gas:		
Demand, Capacity:	Sch. 5A, col (k), In 59	\$ 1,171,446
Commodity Costs:	Sch. 6, col (i), In 46	16,204,967
Produced Gas:	Sch. 6, col (i), In 52	\$ 2,448,331
Hedge Contract (Savings)/Loss	Sch. 7, col (i), In 32	\$ 10,388,110
<b>Total Unadjusted Cost of Gas</b>		<u>\$ 103,728,258</u>
<b>24 Adjustments:</b>		
Prior Period (Over)/Under Recovery	Sch. 3, col (c) In 26	\$ 2,883,321
Interest May 1, 2008 - April 30, 2009	Sch. 3, col (q) In 168	318,647
Prior Period Adjustments	Sch. 4, In 24 col (b)	-
Refunds from Suppliers	Sch. 4, In 24 col (c)	-
Broker Revenues	Sch. 4, In 24 col (d)	(1,249,699)
Fuel Financing	Sch. 4, In 24 col (e)	523,506
Transportation CGA Revenues	Sch. 4, In 24 col (f)	2,546
Interruptible Sales Margin	Sch. 4, In 26 col (g)	(2,245)
Capacity Release and Off System Sales Margins	Sch. 4, In 26 col (h) + col (i)	(410,806)
Hedging Costs	Sch. 4, In 24 col (j)	-
Fixed Price Option Administrative Costs	Sch. 4, In 24 col (k)	36,312
<b>Total Adjustments</b>		<u>\$ 2,101,582</u>
<b>40 Total Anticipated Direct Costs</b>	Ins 22 + 38	<u>\$ 105,829,840</u>
<b>42 Anticipated Indirect Cost of Gas</b>		
<b>43 Working Capital</b>		
Total Anticipated Direct Cost of Gas	Sch 3, In 32	\$ 103,728,258
Working Capital Percentage	per GTC 16(f)	0.645%
Working Capital	In 44 * In 45	669,047
Plus: Working Capital Reconciliation	Sch. 3, col (c), In 85	(305,654)
<b>Total Working Capital Allowance</b>	Ins 46 + 47	<u>\$ 363,393</u>
<b>51 Bad Debt</b>		
Total Anticipated Direct Cost of Gas	In 44	\$ 103,728,258
Less Refunds		-
Plus Working Capital	In 49	363,393
Plus Prior Period (Over) Under Recovery	In 26	2,883,321
Subtotal		<u>\$ 106,974,972</u>
Bad Debt Percentage	per GTC 16(f)	1.75%
Bad Debt Allowance	In 56 * In 57	\$ 1,872,062
Prior Period Bad Debt Allowance	Sch. 3, col (c), In 141	(1,409,904)
<b>Total Bad Debt Allowance</b>	Ins 59 + 60	<u>\$ 462,158</u>
<b>64 Production and Storage Capacity</b>	per GTC16(f)	<u>\$ 2,105,212</u>
<b>66 Miscellaneous Overhead</b>	per GTC 16(f)	\$ 135,339
Sales Volume	Sch. 10B, In 24/1000	91,523
Divided by Total Sales	Sch. 10B, In 24/1000	114,873
Ratio		<u>79.67%</u>
<b>Miscellaneous Overhead</b>	Ins 66 * 69	<u>\$ 107,829</u>
<b>73 Total Anticipated Indirect Cost of Gas</b>	Ins 49 + 62 + 64 + 71	<u>\$ 3,038,592</u>
<b>75 Total Cost of Gas</b>	Ins 40 * 73	<u>\$ 108,868,432</u>
<b>77 Projected Forecast Sales (Therms)</b>	Sch. 3, col (q), In 47	<u>91,973,236</u>

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1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Summary of Supply and Demand Forecast**

		Peak Costs							Peak Period	
7 For Month of:		May 08 - Oct 08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Nov - Apr	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
9 I. Gas Volumes (Therms)										
10										
11 A. Firm Demand Volumes										
12	Firm Gas Sales	Sch. 10B, In 24	-	7,756,234	15,419,641	18,893,666	19,576,384	16,920,787	12,956,331	91,523,044
13	Lost Gas (Unaccounted for)		-	294,040	445,572	523,339	431,176	381,049	227,451	2,302,627
14	Company Use		-	29,256	44,333	52,071	42,901	37,913	22,631	229,104
15	Unbilled Therms		-	4,098,835	2,544,896	2,206,270	(2,192,281)	(1,557,684)	(3,785,992)	1,314,043
16										
17	Total Firm Volumes	Sch. 6, In 91	-	12,178,365	18,454,442	21,675,346	17,858,179	15,782,065	9,420,421	95,368,818
18										
19 B. Supply Volumes (Therms)										
20 Pipeline Gas:										
21	Dawn Supply	Sch. 6, In 62	-	1,065,528	1,100,655	1,100,655	994,373	1,100,655	1,068,230	6,430,097
22	Niagara Supply	Sch. 6, In 63	-	843,956	871,878	871,878	787,212	871,878	843,956	5,090,756
23	TGP Supply (Direct)	Sch. 6, In 64	-	5,835,635	5,624,872	5,945,521	5,262,790	6,030,187	5,835,635	34,534,639
24	TGP Zone 6 Purchases	Sch. 6, In 65	-	-	-	-	-	-	1,052,918	1,052,918
25	Dracut Winter Supply	Sch. 6, In 66	-	1,054,720	5,488,866	5,494,270	4,953,850	370,188	-	17,361,893
26	City Gate Delivered Supply	Sch. 6, In 67	-	2,161,680	2,233,736	2,233,736	2,017,568	915,111	1,001,578	10,563,410
27	LNG Truck	Sch. 6, In 68	-	225,175	237,785	360,280	302,635	225,175	-	1,351,050
28	Propane Truck	Sch. 6, In 69	-	-	-	562,938	-	-	-	562,938
29	PNGTS	Sch. 6, In 70	-	29,723	38,730	44,134	37,829	34,227	25,220	209,863
30	Granite Ridge	Sch. 6, In 71	-	-	-	-	-	-	-	-
31	Subtotal Pipeline Volumes		-	11,216,417	15,596,521	16,613,412	14,356,257	9,547,420	9,827,538	77,157,565
32										
33 Storage Gas:										
34	TGP Storage	Sch. 6, In 76	-	1,730,245	2,761,546	5,006,091	3,325,384	6,241,851	-	19,065,117
35										
36 Produced Gas:										
37	LNG Vapor	Sch. 6, In 79	-	225,175	237,785	416,123	288,224	217,969	25,220	1,410,496
38	Propane	Sch. 6, In 80	-	-	96,375	562,938	190,948	-	-	850,261
39	Subtotal Produced Gas		-	225,175	334,160	979,061	479,172	217,969	25,220	2,260,757
40										
41 Less - Gas Refill:										
42	LNG Truck	Sch. 6, In 85	-	(225,175)	(237,785)	(360,280)	(302,635)	(225,175)	-	(1,351,050)
43	Propane	Sch. 6, In 86	-	-	-	(562,938)	-	-	-	(562,938)
44	TGP Storage Refill	Sch. 6, In 87	-	(768,297)	-	-	-	-	(432,336)	(1,200,633)
45	Subtotal Refills		-	(993,472)	(237,785)	(923,218)	(302,635)	(225,175)	(432,336)	(3,114,621)
46										
47	Total Firm Sendout Volumes		-	12,178,365	18,454,442	21,675,346	17,858,179	15,782,065	9,420,421	95,368,818
48										

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3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Summary of Supply and Demand Forecast**

			Peak Costs							Peak Period
			May 08 - Oct 08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Nov - Apr
7 For Month of:										
49 <b>II. Gas Costs</b>										
50										
51 <b>A. Demand Costs</b>										
52 <u>Supply</u>										
53	Niagra Supply	Sch.5A, In 12								
54	Subtotal Supply Demand									
55	Less Capacity Credit									
56	Net Pipeline Demand Costs									
57										
58 <u>Pipeline:</u>										
59	Iroquois Gas Trans Service RTS 470	Sch.5A, In 16	\$ -	\$ 26,698	\$ 26,698	\$ 26,698	\$ 26,698	\$ 26,698	\$ 26,698	\$ 160,191
60	Tenn Gas Pipeline 33371	Sch.5A, In 17	-	42,440	42,440	42,440	42,440	42,440	42,440	254,640
61	Tenn Gas Pipeline 2302 Z5-Z6	Sch.5A, In 18	-	15,391	15,391	15,391	15,391	15,391	15,391	92,349
62	Tenn Gas Pipeline 8587 Z0-Z6	Sch.5A, In 19	-	116,711	116,711	116,711	116,711	116,711	116,711	700,264
63	Tenn Gas Pipeline 8587 Z1-Z6	Sch.5A, In 20	-	220,599	220,599	220,599	220,599	220,599	220,599	1,323,595
64	Tenn Gas Pipeline 8587 Z4-Z6	Sch.5A, In 21	-	22,447	22,447	22,447	22,447	22,447	22,447	134,681
65	Tenn Gas Pipeline (Dracut) 42076 Z1	Sch.5A, In 22	-	63,200	63,200	63,200	63,200	63,200	63,200	379,200
66	Portland Natural Gas Trans Service	Sch.5A, In 23	-	27,402	27,402	27,402	27,402	27,402	27,402	164,410
67	ANE (TransCanada via Union to Iroq	Sch.5A, In 24	-	35,542	35,542	35,542	35,542	35,542	35,542	213,253
68	Tenn Gas Pipeline Z4-Z6 stg 632	Sch.5A, In 25	539,465	89,911	89,911	89,911	89,911	89,911	89,911	1,078,930
69	Tenn Gas Pipeline Z4-Z6 stg 11234	Sch.5A, In 26	250,278	41,713	41,713	41,713	41,713	41,713	41,713	500,556
70	Tenn Gas Pipeline Z5-Z6 stg 11234	Sch.5A, In 27	57,888	9,648	9,648	9,648	9,648	9,648	9,648	115,776
71	National Fuel FST 2358	Sch.5A, In 28	122,980	20,497	20,497	20,497	20,497	20,497	20,497	245,959
72	Subtotal Pipeline Demand		\$ 970,611	\$ 732,199	\$ 732,199	\$ 732,199	\$ 732,199	\$ 732,199	\$ 732,199	\$ 5,363,804
73	Less Capacity Credit		(91,772)	(72,718)	(72,718)	(72,718)	(72,718)	(72,718)	(72,718)	(528,082)
74	Net Pipeline Demand Costs		\$ 878,839	\$ 659,481	\$ 659,481	\$ 659,481	\$ 659,481	\$ 659,481	\$ 659,481	\$ 4,835,722
75										
76 <u>Peaking Supply:</u>										
77	Granite Ridge Demand	Sch.5A, In 33								
78	DOMAC Liquid FLS-164	Sch.5A, In 34								
79	DOMAC Demand FLS-160	Sch.5A, In 35								
80	Virginia Power Energy Marketing	Sch.5A, In 36								
81	Transgas Trucking	Sch.5A, In 37								
82	Subtotal Peaking Demand		\$ 120,000	\$ 290,713	\$ 405,903	\$ 405,903	\$ 405,903	\$ 290,713	\$ 20,000	\$ 1,939,133
83	Less Capacity Credit		(11,346)	(28,872)	(40,312)	(40,312)	(40,312)	(28,872)	(1,986)	(192,013)
84	Net Peaking Supply Demand Costs		\$ 108,654	\$ 261,841	\$ 365,590	\$ 365,590	\$ 365,590	\$ 261,841	\$ 18,014	\$ 1,747,120
85 <u>Storage:</u>										
86	Dominion - Demand	Sch.5A, In 47								
87	Dominion - Storage	Sch.5A, In 48								
88	Honeoye - Demand	Sch.5A, In 49								
89	National Fuel - Demand	Sch.5A, In 50								
90	National Fuel - Capacity	Sch.5A, In 51								
91	Tenn Gas Pipeline - Demand	Sch.5A, In 52								
92	Tenn Gas Pipeline - Capacity	Sch.5A, In 53								
93	Subtotal Storage Demand		\$ 648,593	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 1,297,186
94	Less Capacity Credit		(61,325)	(10,736)	(10,736)	(10,736)	(10,736)	(10,736)	(10,736)	(125,740)
95	Net Storage Demand Costs		\$ 587,268	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 1,171,446
96										
97	Total Demand Charges	Ins 54 + 72 + 81 + 93	\$ 1,739,204	\$ 1,131,826	\$ 1,247,043	\$ 1,247,043	\$ 1,246,962	\$ 1,131,853	\$ 861,113	\$ 8,605,045
98	Total Capacity Credit	Ins 55 + 73 + 82 + 94	(164,443)	(112,407)	(123,850)	(123,850)	(123,842)	(112,410)	(85,521)	(846,324)
99	Net Demand Charges		\$ 1,574,761	\$ 1,019,419	\$ 1,123,193	\$ 1,123,193	\$ 1,123,120	\$ 1,019,444	\$ 775,592	\$ 7,758,721

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2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Summary of Supply and Demand Forecast**

6			Peak Costs										Peak Period						
7	For Month of:		May 08 - Oct 08		Nov-08		Dec-08		Jan-09		Feb-09		Mar-09		Apr-09		Nov - Apr		
02	<b>B. Commodity Costs</b>																		
03	<u>Pipeline:</u>																		
04	Dawn Supply	Sch. 6, In 12																	
05	Niagara Supply	Sch. 6, In 13																	
06	TGP Supply (Direct)	Sch. 6, In 14																	
07	TGP Zone 6 Purchases	Sch. 6, In 15																	
08	Dracut Winter Supply	Sch. 6, In 16																	
09	City Gate Delivered Supply	Sch. 6, In 17																	
10	LNG Truck	Sch. 6, In 18																	
11	Propane Truck	Sch. 6, In 19																	
12	PNGTS	Sch. 6, In 20																	
13	Granite Ridge	Sch. 6, In 21																	
14	Subtotal Pipeline Commodity Costs		\$	-	\$	8,303,132	\$	13,894,545	\$	15,800,705	\$	13,193,866	\$	7,573,946	\$	7,537,844	\$	66,304,039	
15																			
16	<u>Storage:</u>																		
17	TGP Storage - Withdrawals	Sch. 6, In 46	\$	-	\$	1,475,445	\$	2,346,499	\$	4,253,699	\$	2,825,595	\$	5,303,730	\$	-	\$	16,204,967	
18																			
19	<u>Produced Gas Costs:</u>																		
20	LNG Vapor	Sch. 6, In 49																	
21	Propane	Sch. 6, In 50																	
22	Subtotal Produced Gas Costs		\$	-	\$	146,413	\$	315,136	\$	1,258,347	\$	542,373	\$	166,767	\$	19,295	\$	2,448,331	
23																			
24	<u>Less Storage Refills:</u>																		
25	LNG Truck	Sch. 6, In 36																	
26	Propane	Sch. 6, In 37																	
27	TGP Storage Refill	Sch. 6, In 38																	
28	Storage Refill (Trans.)	Sch. 6, In 39																	
29	Subtotal Storage Refill		\$	-	\$	(761,525)	\$	(176,628)	\$	(1,426,382)	\$	(234,149)	\$	(171,879)	\$	(353,290)	\$	(3,123,853)	
30																			
31	Total Supply Commodity Costs		\$	-	\$	9,163,464	\$	16,379,552	\$	19,886,370	\$	16,327,685	\$	12,872,564	\$	7,203,850	\$	81,833,485	
32																			
33	<b>C. Supply Volumetric Transportation Costs:</b>																		
34	Dawn Supply	Sch. 6, In 26																	
35	Niagara Supply	Sch. 6, In 27																	
36	TGP Supply (Direct)	Sch. 6, In 28																	
37	TGP Zone 6 Purchases	Sch. 6, In 29																	
38	Dracut Winter Supply	Sch. 6, In 30																	
39	Subtotal Pipeline Volumetric Trans. Costs		\$	-	\$	495,827	\$	570,824	\$	611,615	\$	543,928	\$	532,891	\$	459,518	\$	3,214,604	
40																			
41	TGP Storage - Withdrawals	Sch. 6, In 31	\$	-	\$	48,506	\$	77,237	\$	140,013	\$	93,006	\$	174,576	\$	-	\$	533,338	
42																			
43	Total Supply Volumetric Trans. Costs		\$	-	\$	544,333	\$	648,061	\$	751,628	\$	636,934	\$	707,467	\$	459,518	\$	3,747,942	
44																			
45	Total Commodity Gas & Trans. Costs		Ins 131 + 143	\$	-	\$	9,707,797	\$	17,027,613	\$	20,637,998	\$	16,964,619	\$	13,580,031	\$	7,663,368	\$	85,581,427

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1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Summary of Supply and Demand Forecast**

			Peak Costs							Peak Period
7 For Month of:			May 08 - Oct 08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Nov - Apr
148	<b>D. Supply and Demand Costs by Source</b>									
149										
150	<u>Purchased Gas Demand Costs</u>									
151	Pipeline Gas Demand Costs	Ins 54 + 72	\$ 970,611	\$ 733,015	\$ 733,042	\$ 733,042	\$ 732,960	\$ 733,042	\$ 733,015	\$ 5,368,725
152	Peaking Gas Demand Costs	In 81	120,000	290,713	405,903	405,903	405,903	290,713	20,000	1,939,133
153	Subtotal Purchased Gas Demand Costs		\$ 1,090,611	\$ 1,023,727	\$ 1,138,944	\$ 1,138,944	\$ 1,138,863	\$ 1,023,755	\$ 753,015	\$ 7,307,859
154	Less Capacity Credit	Ins 55 + 73 + 82	(103,118)	(101,671)	(113,114)	(113,114)	(113,106)	(101,674)	(74,786)	(720,584)
155	Net Purchased Gas Demand Costs		\$ 987,493	\$ 922,056	\$ 1,025,830	\$ 1,025,830	\$ 1,025,757	\$ 922,081	\$ 678,229	\$ 6,587,275
156										
157	<u>Storage Gas Demand Costs</u>									
158	Storage Demand	In 93	\$ 648,593	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 1,297,186
159	Less Capacity Credit	In 94	(61,325)	(10,736)	(10,736)	(10,736)	(10,736)	(10,736)	(10,736)	(125,740)
160	Net Storage Demand Costs		\$ 587,268	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 1,171,446
161										
162	<b>Total Demand Costs</b>	Ins 155 + 160	\$ 1,574,761	\$ 1,019,419	\$ 1,123,193	\$ 1,123,193	\$ 1,123,120	\$ 1,019,444	\$ 775,592	\$ 7,758,721
163										
164	<u>Purchased Gas Supply</u>									
165	Commodity Costs	In 114	\$ -	\$ 8,303,132	\$ 13,894,545	\$ 15,800,705	\$ 13,193,866	\$ 7,573,946	\$ 7,537,844	\$ 66,304,039
166	Less Storage Inj.(TGP Storage)	In 127								
167	Less Storage Transportation	In 128								
168	Less LNG Truck	In 125								
169	Less Propane Truck	In 126								
170	Plus Transportation Costs	In 139								
171	Subtotal Purchased Gas Supply		\$ -	\$ 8,037,433	\$ 14,288,741	\$ 14,985,939	\$ 13,503,645	\$ 7,934,958	\$ 7,644,073	\$ 66,394,790
172										
173	<u>Storage Commodity Costs</u>									
174	Commodity Costs	In 117	\$ -	\$ 1,475,445	\$ 2,346,499	\$ 4,253,699	\$ 2,825,595	\$ 5,303,730	\$ -	\$ 16,204,967
175	Transportation Costs	In 141	-	48,506	77,237	140,013	93,006	174,576	-	533,338
176	Subtotal Storage Commodity Costs		\$ -	\$ 1,523,952	\$ 2,423,735	\$ 4,393,712	\$ 2,918,601	\$ 5,478,306	\$ -	\$ 16,738,306
177										
178	<u>Produced Gas Commodity Costs</u>	In 122	\$ -	\$ 146,413	\$ 315,136	\$ 1,258,347	\$ 542,373	\$ 166,767	\$ 19,295	\$ 2,448,331
179										
180	<b>SubTotal Commodity Costs</b>	Ins 171 + 176 + 178	\$ -	\$ 9,707,797	\$ 17,027,613	\$ 20,637,998	\$ 16,964,619	\$ 13,580,031	\$ 7,663,368	\$ 85,581,427
181										
182	Hedge Contract (Savings)/Loss	Sch 7, In 32	\$ -	\$ 1,354,503	\$ 2,152,631	\$ 2,385,986	\$ 2,198,420	\$ 1,558,662	\$ 737,908	\$ 10,388,110
183										
184	<b>Total Commodity Costs</b>	Ins 180 + 182	\$ -	\$ 11,062,300	\$ 19,180,243	\$ 23,023,985	\$ 19,163,039	\$ 15,138,693	\$ 8,401,276	\$ 95,969,537
185										
182	<b>Total Demand Costs</b>	In 99	\$ 1,574,761	\$ 1,019,419	\$ 1,123,193	\$ 1,123,193	\$ 1,123,120	\$ 1,019,444	\$ 775,592	\$ 7,758,721
183	<b>Total Supply Costs</b>	In 184	-	11,062,300	19,180,243	23,023,985	19,163,039	15,138,693	8,401,276	95,969,537
184										
185	<b>Total Direct Gas Costs</b>	Ins 182 + 183	\$ 1,574,761	\$ 12,081,719	\$ 20,303,436	\$ 24,147,178	\$ 20,286,159	\$ 16,158,137	\$ 9,176,868	\$ 103,728,258

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1 **ENERGY NORTH NATURAL GAS, INC.**

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

4 **Contracts Ranked on a per Unit Cost Basis**

				<b>Contract</b>	<b>Unit Dth</b>	<b>Peak Period</b>
	<b>Supplier</b>	<b>Contract</b>	<b>Contract Type</b>	<b>Unit</b>	<b>(MDQ/ACQ)</b>	<b>Cost per</b>
	(a)	(b)	(c)	(d)	(e)	Unit Dth
						(f)
9	<b>Demand Costs</b>					
10	Dominion - Capacity Reservation	GSS 300076	Storage	ACQ	102,700	
11	Tenn Gas Pipeline - Cap. Reservations	FS-MA	Storage	ACQ	1,560,391	
12	National Fuel - Capacity Reservation	FSS-1 2357	Storage	ACQ	670,800	
13	Niagra Supply		Supply	MDQ	3,199	
14	Tenn Gas Pipeline - Demand	FS-MA	Storage	MDQ	21,844	
15	Granite Ridge Demand		Peaking	MDQ	15,000	
16	Dominion - Demand	GSS 300076	Storage	MDQ	934	
17	National Fuel - Demand	FSS-1 2357	Storage	MDQ	6,098	
18	Tenn Gas Pipeline	42076 FTA Z6-Z6	Transportation	MDQ	20,000	
19	National Fuel	FST 2358	Transportation	MDQ	6,098	
20	Tenn Gas Pipeline	2302 Z5-Z6	Transportation	MDQ	3,122	
21	Tenn Gas Pipeline (short haul)	11234 Z5-Z6(stg)	Transportation	MDQ	1,957	
22	Tenn Gas Pipeline (short haul)	11234 Z4-Z6(stg)	Transportation	MDQ	7,082	
23	Tenn Gas Pipeline (short haul)	8587 Z4-Z6	Transportation	MDQ	3,811	
24	Tenn Gas Pipeline (short haul)	632 Z4-Z6 (stg)	Transportation	MDQ	15,265	
25	Honeoye - Demand	SS-NY	Storage	MDQ	1,362	
26	Iroquois Gas Trans Service	RTS 470-01	Transportation	MDQ	4,047	
27	ANE (TransCanada via Union to Iroquois)	Union Dawn to Iroquois	Transportation	MDQ	4,047	
28	Tenn Gas Pipeline	33371	Transportation	MDQ	4,000	
29	Tenn Gas Pipeline (long haul)	8587 Z1-Z6	Transportation	MDQ	14,561	
30	Tenn Gas Pipeline (long haul)	8587 Z0-Z6	Transportation	MDQ	7,035	
31	Portland Natural Gas Trans Service	FT-1999-001	Transportation	MDQ	1,000	
32	DOMAC Liquid FLS-164		Peaking	MDQ	6,300	
33						
34	<b>Supply Costs - Commodity</b>					
35	LNG Vapor (Storage)		Produced	Dkt	141,050	
36	City Gate Delivered Supply		Pipeline	Dkt	1,056,341	
37	LNG Truck		Pipeline	Dkt	135,105	
38	TGP Supply (Direct)		Pipeline	Dkt	3,453,464	
39	TGP Zone 6 Purchases		Pipeline	Dkt	105,292	
40	Granite Ridge		Pipeline	Dkt	-	
41	Dawn Supply		Pipeline	Dkt	643,010	
42	Niagara Supply		Pipeline	Dkt	509,076	
43	PNGTS		Pipeline	Dkt	20,986	
44	Dracut Winter Supply		Pipeline	Dkt	1,736,189	
45	TGP Storage		Storage	Dkt	1,906,512	
46	Propane		Produced	Dkt	85,026	
47	Propane Truck		Pipeline	Dkt	56,294	
48						
49	<b>Supply Costs - Volumetric Transportation</b>					
50	TGP Zone 6 Purchases		Pipeline	Dkt	105,292	
51	Dracut Winter Supply		Pipeline	Dkt	1,736,189	
52	Niagara Supply		Pipeline	Dkt	509,076	
53	TGP Storage - Withdrawals		Pipeline	Dkt	1,906,512	
54	Dawn Supply		Pipeline	Dkt	643,010	
55	TGP Supply (Direct)		Pipeline	Dkt	3,453,464	

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1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Peak 2008 - 2009 Winter Cost of Gas Filing

4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

Schedule 3																	Page 1 of 4
		Prior Period Balance															
		Apr-08															
		Ending Bal	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Peak Period	
		Plus May Billings	31	30	31	31	30	31	30	31	31	28	31	30	31	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	
Account 175.20 COG (Over)/Under Balance - Interest Calculation																	
Beginning Balance	Account 175.20 1/	\$ 7,915,782	\$ 2,883,321	\$ 3,146,818	\$ 2,798,435	\$ 2,867,684	\$ 2,975,031	\$ 3,228,921	\$ 3,479,454	\$ 11,496,548	\$ 14,181,933	\$ 16,587,766	\$ 14,350,454	\$ 11,038,016	\$ 5,449,815	\$ 7,915,782	
Forecast Direct Gas Costs	Schedule 5A		262,460	262,460	262,460	262,460	262,460	262,460	12,081,719	20,303,436	24,147,178	20,286,159	16,158,137	9,176,868	-	103,728,258	
Production & Storage & Misc Overhead			-	-	-	-	-	-	368,840	368,840	368,840	368,840	368,840	368,840		2,213,041	
Projected Revenues w/o Int.	In 47 * 49		-	-	-	-	-	-	(4,542,438)	(18,061,025)	(22,130,151)	(22,929,819)	(19,819,318)	(15,175,751)	(5,069,748)	(107,728,251)	
Prior Period Adjustment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Add Net Adjustments	Schedule 4		(22,402)	(623,035)	(205,216)	(167,493)	(21,292)	(26,140)	78,263	19,726	(45,227)	(21,713)	(73,890)	8,032	-	(1,100,386)	
Gas Cost Billed	Account 175.20 2/	(5,032,461)	-	-	-	-	-	-	-	-	-	-	-	-	-	(5,032,461)	
Monthly (Over)/Under Recovery		\$ 2,883,321	\$ 3,123,379	\$ 2,786,244	\$ 2,855,679	\$ 2,962,651	\$ 3,216,199	\$ 3,465,241	\$ 11,465,839	\$ 14,127,525	\$ 16,522,572	\$ 14,291,234	\$ 10,984,223	\$ 5,416,006	\$ 380,067	\$ (4,017)	
Average Monthly Balance	(In 12 + 19)/2		\$ 5,519,580	\$ 2,966,531	\$ 2,827,057	\$ 2,915,168	\$ 3,095,615	\$ 3,347,081	\$ 7,472,647	\$ 12,812,037	\$ 15,352,252	\$ 15,439,500	\$ 12,667,338	\$ 8,227,011	\$ 2,914,941		
Interest Rate	Prime Rate		5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%		
Interest Applied	In 20 * In 22 / 365 * Days of Month		\$ 23,439	\$ 12,191	\$ 12,005	\$ 12,379	\$ 12,722	\$ 14,214	\$ 30,710	\$ 54,407	\$ 65,194	\$ 59,220	\$ 53,793	\$ 33,810	\$ -	\$ 384,084	
(Over)/Under Balance	In 19 + In 24	\$ 2,883,321	\$ 3,146,818	\$ 2,798,435	\$ 2,867,684	\$ 2,975,031	\$ 3,228,921	\$ 3,479,454	\$ 11,496,548	\$ 14,181,933	\$ 16,587,766	\$ 14,350,454	\$ 11,038,016	\$ 5,449,815	\$ 380,067	380,067	
Calculation of COG with Interest																	
Beginning Balance	In 12	\$ 7,915,782	\$ 2,883,321	\$ 3,146,818	\$ 2,798,435	\$ 2,867,684	\$ 2,975,031	\$ 3,228,921	\$ 3,479,454	\$ 11,480,679	\$ 14,102,756	\$ 16,430,764	\$ 14,112,545	\$ 10,729,689	\$ 5,087,060	\$ 7,915,782	
Forecast Direct Gas Costs	In 13		262,460	262,460	262,460	262,460	262,460	262,460	12,081,719	20,303,436	24,147,178	20,286,159	16,158,137	9,176,868	-	103,728,258	
Prod Storage & Misc Overhead	In 14		-	-	-	-	-	-	368,840	368,840	368,840	368,840	368,840	368,840	-	2,213,041	
Projected Revenues with int.	In 47 * In 51		-	-	-	-	-	-	(4,558,339)	(18,124,246)	(22,207,615)	(23,010,082)	(19,888,694)	(15,228,872)	(5,087,494)	(108,105,341)	
Add Net Adjustments	In 17		(22,402)	(623,035)	(205,216)	(167,493)	(21,292)	(26,140)	78,263	19,726	(45,227)	(21,713)	(73,890)	8,032	-	(1,100,386)	
Gas Cost Billed	In 18	(5,032,461)	-	-	-	-	-	-	-	-	-	-	-	-	-	(5,032,461)	
Add Interest	In 24		-	-	-	-	-	-	30,710	54,407	65,194	59,220	53,793	33,810	-	297,134	
(Over)/Under Balance		\$ 2,883,321	\$ 3,123,379	\$ 2,786,244	\$ 2,855,679	\$ 2,962,651	\$ 3,216,199	\$ 3,465,241	\$ 11,480,648	\$ 14,102,842	\$ 16,431,126	\$ 14,113,188	\$ 10,730,732	\$ 5,088,367	\$ (434)	\$ (83,974)	
Average Monthly Balance			\$ 5,519,580	\$ 2,966,531	\$ 2,827,057	\$ 2,915,168	\$ 3,095,615	\$ 3,347,081	\$ 7,480,051	\$ 12,791,760	\$ 15,266,941	\$ 15,271,976	\$ 12,421,639	\$ 7,909,028	\$ 2,543,313		
Interest Applied	In 22 * In 40 / 365 * Days of Month		\$ 23,439	\$ 12,191	\$ 12,005	\$ 12,379	\$ 12,722	\$ 14,214	\$ 30,740	\$ 54,321	\$ 64,832	\$ 58,577	\$ 52,749	\$ 32,503	\$ -	\$ 380,674	
(Over)/Under Balance	-In 37 +In 38 + In 42	\$ 2,883,321	\$ 3,146,818	\$ 2,798,435	\$ 2,867,684	\$ 2,975,031	\$ 3,228,921	\$ 3,479,454	\$ 11,480,679	\$ 14,102,756	\$ 16,430,764	\$ 14,112,545	\$ 10,729,689	\$ 5,087,060	\$ (434)	(434)	
Forecast Billing Therm Sales	Sch. 10B, In 24 Nov - May								3,878,117	15,419,641	18,893,666	19,576,384	16,920,787	12,956,331	4,328,309	91,973,236	
COB w/o Interest	Sch. 3, pg. 4, In 186 col. (c)								\$ 1.1713	\$ 1.1713	\$ 1.1713	\$ 1.1713	\$ 1.1713	\$ 1.1713	\$ 1.1713		
COG With Interest	Sch. 3, pg. 4, In 186 col. (d)								\$ 1.1754	\$ 1.1754	\$ 1.1754	\$ 1.1754	\$ 1.1754	\$ 1.1754	\$ 1.1754		
Beginning Balance for Acct 175.20. See Tab 18, Schedule 1, page 1, line 30, April 2008 column.																	
Gas Cost Billed Acct 175.20. See Tab 18, Schedule 1, page 1, line 14, May 2008 column.																	

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

Schedule 3  
Page 2 of 4  
Peak Period

Page 2 of 4

		Prior Period Balance	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Peak Period
	Days in Month	Apr-08	31	30	31	31	30	31	30	31	31	28	31	30	31	Total
(a)	(b)	Ending Bal	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
Account 142.20 Working Capital (Over)/Under Balance - Interest Calculation																
Beginning Balance	Account 142.20 1/	\$ (261,076)	\$ (305,654)	\$ (305,161)	\$ (304,719)	\$ (304,317)	\$ (303,912)	\$ (303,465)	\$ (303,057)	\$ (241,760)	\$ (173,361)	\$ (93,752)	\$ (41,471)	\$ (5,032)	\$ 2,327	\$ (261,076)
Forecast Working Capital	In 32 * 0.00645		1,693	1,693	1,693	1,693	1,693	1,693	77,927	130,957	155,749	130,846	104,220	59,191	-	669,047
Projected Revenues w/o Int.	In 104 * In 106		-	-	-	-	-	-	(15,512)	(61,679)	(75,575)	(78,306)	(67,683)	(51,825)	(17,313)	(367,893)
Add Net Adjustments			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Working Capital Billed	Account 142.20 2/	(44,579)														(44,579)
Monthly (Over)/Under Recovery		\$ (305,654)	\$ (303,962)	\$ (303,468)	\$ (303,026)	\$ (302,624)	\$ (302,220)	\$ (301,772)	\$ (240,643)	\$ (172,481)	\$ (93,186)	\$ (41,212)	\$ (4,934)	\$ 2,333	\$ (14,986)	\$ (4,500)
Average Monthly Balance	(In 67 + In 77)/2	\$ (282,519)	\$ (304,315)	\$ (303,873)	\$ (303,470)	\$ (303,066)	\$ (302,619)	\$ (271,850)	\$ (207,121)	\$ (133,273)	\$ (67,482)	\$ (23,202)	\$ (1,350)	\$ (6,329)		
Interest Rate	Prime Rate	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%		
Interest Applied	In 79 * In 81 / 365 * Days of Month	\$ (1,200)	\$ (1,251)	\$ (1,290)	\$ (1,289)	\$ (1,245)	\$ (1,285)	\$ (1,117)	\$ (880)	\$ (566)	\$ (259)	\$ (99)	\$ (6)	\$ -	\$ (10,486)	
(Over)/Under Balance	In 77 + In 83	\$ (305,654)	\$ (305,161)	\$ (304,719)	\$ (304,317)	\$ (303,912)	\$ (303,465)	\$ (303,057)	\$ (241,760)	\$ (173,361)	\$ (93,752)	\$ (41,471)	\$ (5,032)	\$ 2,327	\$ (14,986)	(14,986)

Calculation of Working Capital with Interest

Beginning Balance	In 67	\$ (261,076)	\$ (305,654)	\$ (305,161)	\$ (304,719)	\$ (304,317)	\$ (303,912)	\$ (303,465)	\$ (303,057)	\$ (240,985)	\$ (169,494)	\$ (86,083)	\$ (29,850)	\$ 10,029	\$ 20,047	\$ (261,076)
Forecast Working Capital	In 69	1,693	1,693	1,693	1,693	1,693	1,693	1,693	77,927	130,957	155,749	130,846	104,220	59,191	-	669,047
Projected Rev. with interest	In 104 * In 108	-	-	-	-	-	-	-	(14,737)	(58,595)	(71,796)	(74,390)	(64,299)	(49,234)	(16,448)	(349,498)
Add Net Adjustments	In 73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Working Capital Billed	In 75	(44,579)	-	-	-	-	-	-	-	-	-	-	-	-	-	(44,579)
Add Interest	In 83	-	-	-	-	-	-	-	(1,117)	(880)	(566)	(259)	(99)	(6)	-	(2,926)
Monthly (Over)/Under Recovery		\$ (305,654)	\$ (303,962)	\$ (303,468)	\$ (303,026)	\$ (302,624)	\$ (302,220)	\$ (301,772)	\$ (240,984)	\$ (169,502)	\$ (86,107)	\$ (29,887)	\$ 9,972	\$ 19,980	\$ 3,599	\$ 10,969
Average Monthly Balance		\$ (282,519)	\$ (304,315)	\$ (303,873)	\$ (303,470)	\$ (303,066)	\$ (302,619)	\$ (272,021)	\$ (205,243)	\$ (127,800)	\$ (57,985)	\$ (9,939)	\$ 15,004	\$ 11,823		
Interest Applied	In 81 * In 98 / 365 * Days of Month	(1,200)	(1,251)	(1,290)	(1,289)	(1,245)	(1,285)	(1,118)	(872)	(543)	(222)	(42)	62	-	\$ (10,295)	
(Over)/Under Balance	-In 95 +In 96 + In 100	\$ (305,654)	\$ (305,161)	\$ (304,719)	\$ (304,317)	\$ (303,912)	\$ (303,465)	\$ (303,057)	\$ (240,985)	\$ (169,494)	\$ (86,083)	\$ (29,850)	\$ 10,029	\$ 20,047	\$ 3,599	\$ 3,599
Forecast Term Sales	In 47								3,878,117	15,419,641	18,893,666	19,576,384	16,920,787	12,956,331	4,328,309	91,973,236
Working Cap. Rate w/out Int.	Sch. 3, pg. 4, In 203 col. (c)								\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	
Working Capital Rate w/ Int.	Sch. 3, pg. 4, In 203 col. (d)								\$0.0038	\$0.0038	\$0.0038	\$0.0038	\$0.0038	\$0.0038	\$0.0038	

109 1/ Beginning Balance for Acct 142.20. See Tab 18 Schedule 5, page 1, line 15, April 2008 column.

110 2/ Working Capital Billed Acct 142.20. See Tab 18, Schedule 5, page 1, line 3, May 2008 column.

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

Schedule 3 Page 3 of 4 Demand Period																
		Prior Period Balance Apr-08 Ending Bal Plus May Collections	May-08 31 (c)	Jun-08 30 (d)	Jul-08 31 (e)	Aug-08 31 (f)	Sep-08 30 (g)	Oct-08 31 (h)	Nov-08 30 (i)	Dec-08 31 (j)	Jan-09 31 (k)	Feb-09 28 (l)	Mar-09 31 (m)	Apr-09 30 (n)	May-09 31 (o)	Total (p)
111																
112																
113																
114	(a)	Days in Month (b)														
115																
116	Account 175.52 Bad Debt (Over)/Under Balance - Interest Calculation															
117																
118	Forecast Direct Gas Costs	In 32	\$ 262,460	\$ 262,460	\$ 262,460	\$ 262,460	\$ 262,460	\$ 262,460	\$12,081,719	\$ 20,303,436	\$ 24,147,178	\$ 20,286,159	\$ 16,158,137	\$ 9,176,868	\$ -	103,728,258
119	Forecast Working Capital	In 90	1,693	1,693	1,693	1,693	1,693	1,693	(227,727)	130,957	155,749	130,846	104,220	59,191		363,393
120	Prior Period Balance	In 38							480,554	480,554	480,554	480,554	480,554	480,554		2,883,321
121	Total Forecast Direct Gas Costs & Working Capital		264,153	264,153	264,153	264,153	264,153	264,153	12,334,546	20,914,947	24,783,481	20,897,558	16,742,910	9,716,612	-	104,091,651
122																
123	Beginning Balance	Account 175.52 1/	\$ (1,289,664)	\$ (1,409,904)	\$ (1,411,003)	\$ (1,412,170)	\$ (1,413,534)	\$ (1,414,904)	\$ (1,417,468)	\$ (1,226,425)	\$ (942,107)	\$ (606,145)	\$ (340,131)	\$ (132,735)	\$ (27,806)	\$ (1,289,664)
124																
125	Forecast Bad Debt	In 121 * 0.0175	4,623	4,623	4,623	4,623	4,623	4,623	215,855	366,012	433,711	365,707	293,001	170,041		1,872,062
126																
127	Projected Revenues w/o int	In 160 * In 162	-	-	-	-	-	-	(19,391)	(77,098)	(94,468)	(97,882)	(84,604)	(64,782)	(10,821)	(449,045)
128																
129	Bad Debt Billed	Account 175.52 2/	(120,240)	-	-	-	-	-	-	-	-	-	-	-	-	(120,240)
130																
131	Add Net Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-	-
132																
133	Monthly (Over)/Under Recovery		\$ (1,409,904)	\$ (1,405,281)	\$ (1,406,381)	\$ (1,407,547)	\$ (1,408,912)	\$ (1,410,282)	\$ (1,221,004)	\$ (937,512)	\$ (602,864)	\$ (338,319)	\$ (131,734)	\$ (27,476)	\$ (38,626)	\$ 13,113
134																
135	Average Monthly Balance	(In 123 + In 133)/2	\$ (1,347,472)	\$ (1,408,692)	\$ (1,409,858)	\$ (1,411,223)	\$ (1,412,593)	\$ (1,413,776)	\$ (1,319,236)	\$ (1,081,969)	\$ (772,485)	\$ (472,232)	\$ (235,932)	\$ (80,106)	\$ (33,216)	
136																
137	Interest Rate	Prime Rate	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	
138																
139	Interest Applied	In 135 * In 137 / 365 * Days of Month	\$ (5,722)	\$ (5,789)	\$ (5,987)	\$ (5,993)	\$ (5,805)	\$ (6,004)	\$ (5,422)	\$ (4,595)	\$ (3,280)	\$ (1,811)	\$ (1,002)	\$ (329)		\$ (51,739)
140																
141	(Over)/Under Balance	In 133 + In 139	\$ (1,409,904)	\$ (1,411,003)	\$ (1,412,170)	\$ (1,413,534)	\$ (1,414,904)	\$ (1,416,087)	\$ (1,226,425)	\$ (942,107)	\$ (606,145)	\$ (340,131)	\$ (132,735)	\$ (27,806)	\$ (38,626)	\$ (38,626)
142																
143																
144	Calculation of Bad Debt with Interest															
145																
146	Beginning Balance	In 123	\$ (1,289,664)	\$ (1,409,904)	\$ (1,411,003)	\$ (1,412,170)	\$ (1,413,534)	\$ (1,414,904)	\$ (1,417,468)	\$ (1,224,494)	\$ (932,450)	\$ (587,041)	\$ (311,239)	\$ (95,384)	\$ 16,025	\$ (1,289,664)
147	Forecast Bad Debt	In 125	4,623	4,623	4,623	4,623	4,623	4,623	215,855	366,012	433,711	365,707	293,001	170,041	-	1,872,062
148	Projected Revenues with int.	In 160 * In 164	-	-	-	-	-	-	(17,452)	(69,388)	(85,021)	(88,094)	(76,144)	(58,303)	(19,477)	(413,880)
149	Bad Debt Billed	In 129	(120,240)	-	-	-	-	-	-	-	-	-	-	-	-	(120,240)
150	Add Interest	In 139	-	-	-	-	-	-	(5,422)	(4,595)	(3,280)	(1,811)	(1,002)	(329)	-	(16,439)
151	Add Net Adjustments	In 131	-	-	-	-	-	-	-	-	-	-	-	-	-	0
152	Monthly (Over)/Under Recovery		\$ (1,409,904)	\$ (1,405,281)	\$ (1,406,381)	\$ (1,407,547)	\$ (1,408,912)	\$ (1,410,282)	\$ (1,224,486)	\$ (932,465)	\$ (587,041)	\$ (311,239)	\$ (95,384)	\$ 16,025	\$ (3,453)	\$ 31,840
153																
154	Average Monthly Balance		\$ (1,347,472)	\$ (1,408,692)	\$ (1,409,858)	\$ (1,411,223)	\$ (1,412,593)	\$ (1,413,776)	\$ (1,320,977)	\$ (1,078,479)	\$ (759,746)	\$ (449,140)	\$ (203,311)	\$ (39,680)	\$ 6,286	
155																
156	Interest Applied	In 137 * In 154 / 365 * Days of Month	(5,722)	(5,789)	(5,987)	(5,993)	(5,805)	(6,004)	(5,429)	(4,580)	(3,280)	(1,811)	(1,002)	(329)	-	\$ (51,731)
157																
158	(Over)/Under Balance	-In 150 +In 152 + In 156	\$ (1,409,904)	\$ (1,411,003)	\$ (1,412,170)	\$ (1,413,534)	\$ (1,414,904)	\$ (1,416,087)	\$ (1,224,494)	\$ (932,450)	\$ (587,041)	\$ (311,239)	\$ (95,384)	\$ 16,025	\$ (3,453)	\$ (3,453)
159																
160	Forecast Term Sales	In 47							3,878,117	15,419,641	18,893,666	19,576,384	16,920,787	12,956,331	4,328,309	91,973,236
161																
162	COG Rate Without Interest	Sch. 3, pg. 4, In 220 col. (c)							\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050	
163																
164	COG With Interest	Sch. 3, pg. 4, In 220 col. (d)							\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	
165 1/	Beginning Balance for Acct 175.52. See Tab 18, Schedule 1, page 3, line 19, April 2008 column.															
166 2/	Bad Debt Billed Acct 175.52. See Tab 18, Schedule 1, page 3, line 9, May 2008 column.															
167																
168	Total Interest	Ins 42 + 100 + 156	\$ -	\$ 16,517	\$ 5,151	\$ 4,728	\$ 5,098	\$ 5,671	\$ 6,925	\$ 24,193	\$ 48,870	\$ 61,009	\$ 56,544	\$ 51,705	\$ 32,235	\$ - \$ 318,647

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

Schedule 3  
Page 4 of 4

169				
170	<b>Calculation of COG</b>		<u>COG Rate</u>	<u>COG Rate With</u>
171	(a)	(b)	<u>Without Interest</u>	<u>Interest</u>
172	(Over)Under Recovery Balance	In 12, col. (q)	(c)	(d)
173			\$ 7,915,782	\$ 7,915,782
174	Unadjusted Forecast of Gas Costs	In 13, col. (q)	103,728,258	103,728,258
175				
176	Production & Storage and Misc Overh	In 14, col. (q)	2,213,041	2,213,041
177				
178	Adjustments	In 17, col. (q)	(6,132,847)	(6,132,847)
179				
180	Interest Nov - Apr	In 24, col. (q)	-	\$ 380,673
181				
182	Total Gas To Be Recovered		\$ 107,724,234	\$ 108,104,907
183				
184	Forecast Gas Sales (May - Oct)	In 47, col. (q)	91,973,236	91,973,236
185				
186	Preliminary COG Rate	In. 227 / In. 229	<u>\$1.1713</u>	<u>\$1.1754</u>
187				
188				
189	<b>Calculation of Working Capital Rate</b>		<u>Working Capital</u>	<u>Working</u>
190	(a)	(b)	<u>Rate without</u>	<u>Capital Rate</u>
191	(Over)Under Recovery Balance	In 67, col. (q)	<u>interest</u>	<u>with interest</u>
192			(c)	(d)
193	Unadjusted Working Capital Forecast	In 69, col. (q)	\$ (261,076)	\$ (261,076)
194				
195	Adjustments without interest	In 73, col. (q)	669,047	669,047
196				
197	Interest (May - Oct)	In 83, col. (q)	(44,579)	(44,579)
198				
199	Total Gas To Be Recovered		-	\$ (10,295)
200				
201	Forecast Gas Sales	In 47, col. (q)	\$ 363,393	\$ 353,098
202				
203	Preliminary Working Capital COG Rate		91,973,236	91,973,236
204			<u>\$0.0040</u>	<u>\$0.0038</u>
205				
206	<b>Calculation of Bad Debt Rate</b>		<u>Bad Debt Rate</u>	<u>Bad Debt Rate</u>
207	(a)	(b)	<u>without interest</u>	<u>with interest</u>
208	(Over)Under Recovery Balance	In 123, col. (q)	(c)	(d)
209			\$ (1,289,664)	\$ (1,289,664)
210	Unadjusted Bad Debt Forecast	In 125, col. (q)	1,872,062	1,872,062
211				
212	Adjustments without interest	In 131, col. (q)	(120,240)	(120,240)
213				
214	Interest (May - Oct)	In 139, col. (q)	-	\$ (51,731)
215				
216	Total Gas To Be Recovered		\$ 462,158	\$ 410,427
217				
218	Forecast Gas Sales (May - Oct)	In 47, col. (q)	91,973,236	91,973,236
219				
220	Preliminary Bad Debt COG Rate		<u>\$0.0050</u>	<u>\$0.0045</u>

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Adjustments to Gas Costs  
5

		Prior Period	Refunds from	Broker	Inventory	Transportation	Interruptible	Off System	Capacity	COG	Fixed Price	Total
6	Adjustments	Adjustments	Suppliers	Revenue	Finance	CGA Revenues	Sales Margin	Sales Margin	Release	Hedging Costs	Option	Adjustments
7	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	Administrative	(m)
8											Costs	
9	May-08	\$ -	\$ -	\$ (44,165)	\$ 57,434	\$ -				\$ -	\$ -	\$ (22,402)
10	Jun-08	-	-	(621,305)	54,766	-				-	-	(623,035)
11	Jul-08	-	-	(112,422)	46,385	-				-	-	(205,216)
12	Aug-08 1/	-	-	(18,167)	(48,305)	-				-	-	(167,493)
13	Sep-08 1/	-	-	(6,485)	38,188	-				-	-	(21,292)
14	Oct-08 1/	-	-	(30,637)	28,851	-				-	-	(26,140)
15	Nov-08 1/	-	-	(50,697)	92,883	289				-	36,312	78,263
16	Dec-08 1/	-	-	(65,305)	84,648	383				-	-	19,726
17	Jan-09 1/	-	-	(116,307)	70,604	476				-	-	(45,227)
18	Feb-09 1/	-	-	(73,857)	51,647	497				-	-	(21,713)
19	Mar-09 1/	-	-	(101,813)	27,454	469				-	-	(73,890)
20	Apr-09 1/	-	-	(8,539)	18,950	432				-	-	8,032
21												
22	Subtotal May 08 - Oct 08	\$ -	\$ -	\$ (833,181)	\$ 177,319	\$ -	\$ (2,245)	\$ (60,510)	\$ (346,961)	\$ -	\$ -	\$ (1,065,578)
23												
24	Subtotal Nov 08 - Apr 09	\$ -	\$ -	\$ (416,518)	\$ 346,187	\$ 2,546	\$ -	\$ (1,428)	\$ (1,907)	\$ -	\$ 36,312	\$ (34,808)
25												
26	Total Peak Period	\$ -	\$ -	\$ (1,249,699)	\$ 523,506	\$ 2,546	\$ (2,245)	\$ (61,938)	\$ (348,868)	\$ -	\$ 36,312	\$ (1,100,386)
27												

1/ Estimate is based on prior years actual. Exception: Transportation Revenue is calculated on Schedule 17 and Inventory Finance Charges for Nov 08 - Apr 09 calculated on Schedule 16.

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Demand Costs

Schedule 5A  
Page 1 of 1

			Peak Costs May 08 -Oct 08 (d)	Nov-08 (e)	Dec-08 (f)	Jan-09 (g)	Feb-09 (h)	Mar-09 (i)	Apr-09 (j)	Peak May -Apr Total (k)
(a)	Peak (b)	Reference (c)								
11 Supply										
12 Niagra Supply		Sch 5B, In 9 * Sch 5C In 9 x days								
13 Subtotal Supply Demand & Reservation Charges										
14										
15 Pipeline										
16 Iroquois Gas Trans Service RTS 470-0		Sch 5B, In 12 * Sch 5C In 12 x days	\$ -	\$ 26,698	\$ 26,698	\$ 26,698	\$ 26,698	\$ 26,698	\$ 26,698	\$ 160,191
17 Tenn Gas Pipeline 33371		Sch 5B, In 13 * Sch 5C In 16 x days	-	42,440	42,440	42,440	42,440	42,440	42,440	254,640
18 Tenn Gas Pipeline 2302 Z5-Z6		Sch 5B, In 14 * Sch 5C In 18 x days	-	15,391	15,391	15,391	15,391	15,391	15,391	92,349
19 Tenn Gas Pipeline 8587 Z0-Z6		Sch 5B, In 15 * Sch 5C In 20 x days	-	116,711	116,711	116,711	116,711	116,711	116,711	700,264
20 Tenn Gas Pipeline 8587 Z1-Z6		Sch 5B, In 16 * Sch 5C In 22 x days	-	220,599	220,599	220,599	220,599	220,599	220,599	1,323,595
21 Tenn Gas Pipeline 8587 Z4-Z6		Sch 5B, In 17 * Sch 5C In 24 x days	-	22,447	22,447	22,447	22,447	22,447	22,447	134,681
22 Tenn Gas Pipeline (Dracut) 42076 Z6-Z6		Sch 5B, In 18 * Sch 5C In 26 x days	-	63,200	63,200	63,200	63,200	63,200	63,200	379,200
23 Portland Natural Gas Trans Service		Sch 5B, In 19 * Sch 5C In 28 x days	-	27,402	27,402	27,402	27,402	27,402	27,402	164,410
24 ANE (TransCanada via Union to Iroquois)		Sch 5B, In 20 * Sch 5C In 44 x days	-	35,542	35,542	35,542	35,542	35,542	35,542	213,253
25 Tenn Gas Pipeline Z4-Z6 stg 632	peak	Sch 5B, In 21 * Sch 5C In 30 x days	\$ 539,465	89,911	89,911	89,911	89,911	89,911	89,911	1,078,930
26 Tenn Gas Pipeline Z4-Z6 stg 11234	peak	Sch 5B, In 22 * Sch 5C In 32 x days	250,278	41,713	41,713	41,713	41,713	41,713	41,713	500,556
27 Tenn Gas Pipeline Z5-Z6 stg 11234	peak	Sch 5B, In 23 * Sch 5C In 34 x days	57,888	9,648	9,648	9,648	9,648	9,648	9,648	115,776
28 National Fuel FST 2358	peak	Sch 5B, In 24 * Sch 5C In 36 x days	122,980	20,497	20,497	20,497	20,497	20,497	20,497	245,959
29										
30 Subtotal Pipeline Demand Charges			\$ 970,611	\$ 732,199	\$ 732,199	\$ 732,199	\$ 732,199	\$ 732,199	\$ 732,199	\$ 5,363,804
31										
32 Peaking Supply										
33 Granite Ridge Demand	peak	Sch 5B, In 27 * Sch 5C In 47 x days								
34 DOMAC Liquid FLS-164	peak	Per 06-10 Contract								
35 DOMAC Demand FLS-160	peak	Per 07-08 Contract								
36 Virginia Power Energy Marketing	Peak	Per 08-09 Contract								
37 Transgas Trucking	peak	Per 07-08 Contract (negotiating as of 10/17)								
38 Subtotal Peaking Demand Charges			\$ 120,000	\$ 290,713	\$ 405,903	\$ 405,903	\$ 405,903	\$ 290,713	\$ 20,000	\$ 1,939,133
39										
40 Subtotal Supply, Pipeline & Peaking		In 13 + In 30 + In 38	\$ 1,090,611	\$ 1,023,727	\$ 1,138,944	\$ 1,138,944	\$ 1,138,863	\$ 1,023,755	\$ 753,015	\$ 7,307,859
41										
42 Less Transportation Capacity Credit			\$ (103,118)	\$ (101,671)	\$ (113,114)	\$ (113,114)	\$ (113,106)	\$ (101,674)	\$ (74,786)	\$ (720,584)
43										
44 Total Supply, Pipeline & Peaking Demand			\$ 987,493	\$ 922,056	\$ 1,025,830	\$ 1,025,830	\$ 1,025,757	\$ 922,081	\$ 678,229	\$ 6,587,275
45										
46 Storage										
47 Dominion - Demand	peak	Sch 5B, In 31 * Sch 5C In 51 x days	\$ 10,524	\$ 1,754	\$ 1,754	\$ 1,754	\$ 1,754	\$ 1,754	\$ 1,754	\$ 21,049
48 Dominion - Storage	peak	Sch 5B, In 32 * Sch 5C In 52 x days	8,935	1,489	1,489	1,489	1,489	1,489	1,489	17,870
49 Honeoye - Demand	peak	Sch 5B, In 33 * Sch 5C In 55 x days	52,466	8,744	8,744	8,744	8,744	8,744	8,744	104,933
50 National Fuel - Demand	peak	Sch 5B, In 35 * Sch 5C In 57 x days	78,869	13,145	13,145	13,145	13,145	13,145	13,145	157,738
51 National Fuel - Capacity	peak	Sch 5B, In 36 * Sch 5C In 58 x days	173,871	28,979	28,979	28,979	28,979	28,979	28,979	347,743
52 Tenn Gas Pipeline - Demand	peak	Sch 5B, In 37 * Sch 5C In 61 x days	150,724	25,121	25,121	25,121	25,121	25,121	25,121	301,447
53 Tenn Gas Pipeline - Capacity	peak	Sch 5B, In 38 * Sch 5C In 62 x days	173,203	28,867	28,867	28,867	28,867	28,867	28,867	346,407
54										
55 Subtotal Storage Demand Costs			\$ 648,593	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 108,099	\$ 1,297,186
56										
57 Less Transportation Capacity Credit			\$ (61,325)	\$ (10,736)	\$ (10,736)	\$ (10,736)	\$ (10,736)	\$ (10,736)	\$ (10,736)	\$ (125,740)
58										
59 Total Storage Demand Costs		In 55 + In 57	\$ 587,268	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 97,363	\$ 1,171,446
60										
61 Total Demand Charges		In 40 + In 55	\$ 1,739,204	\$ 1,131,826	\$ 1,247,043	\$ 1,247,043	\$ 1,246,962	\$ 1,131,853	\$ 861,113	\$ 8,605,045
62										
63 Total Transportation Capacity Credit		In 42 + In 57	\$ (164,443)	\$ (112,407)	\$ (123,850)	\$ (123,850)	\$ (123,842)	\$ (112,410)	\$ (85,521)	\$ (846,324)
64										
65 Total Demand Charges less Cap. Cr.		In 61 + In 63	\$ 1,574,761	\$ 1,019,419	\$ 1,123,193	\$ 1,123,193	\$ 1,123,120	\$ 1,019,444	\$ 775,592	\$ 7,758,721
66										

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**ENERGY NORTH NATURAL GAS, INC.**  
**d/b/a National Grid NH**  
**Peak 2008 - 2009 Winter Cost of Gas Filing**  
**Demand Volumes**

	(a)	Peak (b)	Reference (c)	Nov-08 (d)	Dec-08 (e)	Jan-09 (f)	Feb-09 (g)	Mar-09 (h)	Apr-09 (i)
<b>Supply</b>									
	Niagra Supply			3,199	3,199	3,199	3,199	3,199	3,199
<b>Pipeline</b>									
	Iroquois Gas Trans Service		RTS 470-01	4,047	4,047	4,047	4,047	4,047	4,047
	Tenn Gas Pipeline		33371	4,000	4,000	4,000	4,000	4,000	4,000
	Tenn Gas Pipeline		2302 Z5-Z6	3,122	3,122	3,122	3,122	3,122	3,122
	Tenn Gas Pipeline (long haul)		8587 Z0-Z6	7,035	7,035	7,035	7,035	7,035	7,035
	Tenn Gas Pipeline (long haul)		8587 Z1-Z6	14,561	14,561	14,561	14,561	14,561	14,561
	Tenn Gas Pipeline (short haul)		8587 Z4-Z6	3,811	3,811	3,811	3,811	3,811	3,811
	Tenn Gas Pipeline		42076 FTA Z6-Z6	20,000	20,000	20,000	20,000	20,000	20,000
	Portland Natural Gas Trans Service		FT-1999-001	1,000	1,000	1,000	1,000	1,000	1,000
	ANE (TransCanada via Union to Iroquois)		Union Dawn to Iroquois	4,047	4,047	4,047	4,047	4,047	4,047
	Tenn Gas Pipeline (short haul)	peak	632 Z4-Z6 (stg)	15,265	15,265	15,265	15,265	15,265	15,265
	Tenn Gas Pipeline (short haul)	peak	11234 Z4-Z6(stg)	7,082	7,082	7,082	7,082	7,082	7,082
	Tenn Gas Pipeline (short haul)	peak	11234 Z5-Z6(stg)	1,957	1,957	1,957	1,957	1,957	1,957
	National Fuel	peak	FST 2358	6,098	6,098	6,098	6,098	6,098	6,098
<b>Peaking</b>									
	Granite Ridge Demand	peak		15,000	15,000	15,000	15,000	15,000	15,000
	DOMAC Liquid Demand Charge	peak	FLS-XXX	6,300	6,300	6,300	6,300	6,300	0
<b>Storage</b>									
	Dominion - Demand	peak	GSS 300076	934	934	934	934	934	934
	Dominion - Capacity Reservation	peak	GSS 300076	102,700	102,700	102,700	102,700	102,700	102,700
	Honeoye - Demand	peak	SS-NY	1,362	1,362	1,362	1,362	1,362	1,362
	Honeoye - Capacity	peak	SS-NY	246,240	246,240	246,240	246,240	246,240	246,240
	National Fuel - Demand	peak	FSS-1 2357	6,098	6,098	6,098	6,098	6,098	6,098
	National Fuel - Capacity Reservation	peak	FSS-1 2357	670,800	670,800	670,800	670,800	670,800	670,800
	Tenn Gas Pipeline - Demand	peak	FS-MA	21,844	21,844	21,844	21,844	21,844	21,844
	Tenn Gas Pipeline - Cap. Reservations	peak	FS-MA	1,560,391	1,560,391	1,560,391	1,560,391	1,560,391	1,560,391

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Demand Rates

6 <u>Tariff Rates</u>					Nov-08 <sup>30</sup>	Dec-08 <sup>31</sup>	Jan-09 <sup>31</sup>	Feb-09 <sup>28</sup>	Mar-09 <sup>31</sup>	Apr-09 <sup>30</sup>	Nov - Apr <sup>181</sup>	
					Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Avg Rate	
8 <u>Supply</u>												
9     Niagra Supply												
11 <u>Pipeline</u>												
12	Iroquois Gas Trans Service		RTS 470-01	\$6.5971	30th Rev Sheet No. 4	\$0.2199	\$0.2128	\$0.2128	\$0.2356	\$0.2128	\$0.2199	\$0.2190
13												
14	Tenn Gas Pipeline	33371	Segment 3	\$5.0700	42st Rev Sheet No. 26B	\$0.1690	\$0.1635	\$0.1635	\$0.1811	\$0.1635	\$0.1690	\$0.1683
15	Tenn Gas Pipeline	33371	Segment 4	\$5.5400	42st Rev Sheet No. 26B	\$0.1847	\$0.1787	\$0.1787	\$0.1979	\$0.1787	\$0.1847	\$0.1839
16				\$10.6100		\$0.3537	\$0.3423	\$0.3423	\$0.3789	\$0.3423	\$0.3537	\$0.3522
17												
18	Tenn Gas Pipeline		2302 Z5-Z6	\$4.9300	26th Rev Sheet No. 23	\$0.1643	\$0.1590	\$0.1590	\$0.1761	\$0.1590	\$0.1643	\$0.1636
19												
20	Tenn Gas Pipeline		8587 Z0-Z6	\$16.5900	26th Rev Sheet No. 23	\$0.5530	\$0.5352	\$0.5352	\$0.5925	\$0.5352	\$0.5530	\$0.5507
21												
22	Tenn Gas Pipeline		8587 Z1-Z6	\$15.1500	26th Rev Sheet No. 23	\$0.5050	\$0.4887	\$0.4887	\$0.5411	\$0.4887	\$0.5050	\$0.5029
23												
24	Tenn Gas Pipeline		8587 Z4-Z6	\$5.8900	26th Rev Sheet No. 23	\$0.1963	\$0.1900	\$0.1900	\$0.2104	\$0.1900	\$0.1963	\$0.1955
25												
26	TGP Dracut		42076 FTA Z6-Z6	\$3.1600	26th Rev Sheet No. 23	\$0.1053	\$0.1019	\$0.1019	\$0.1129	\$0.1019	\$0.1053	\$0.1049
27												
28	Portland Natural Gas		FT-1999-001	\$27.4017	4th Rev Sheet No. 100	\$0.9134	\$0.8839	\$0.8839	\$0.9786	\$0.8839	\$0.9134	\$0.9095
29												
30	Tenn Gas Pipeline		632 Z4-Z6 (stg)	\$5.8900	26th Rev Sheet No. 23	\$0.1963	\$0.1900	\$0.1900	\$0.2104	\$0.1900	\$0.1963	\$0.1955
31												
32	Tenn Gas Pipeline		11234 Z4-Z6(stg)	\$5.8900	26th Rev Sheet No. 23	\$0.1963	\$0.1900	\$0.1900	\$0.2104	\$0.1900	\$0.1963	\$0.1955
33												
34	Tenn Gas Pipeline		11234 Z5-Z6(stg)	\$4.9300	26th Rev Sheet No. 23	\$0.1643	\$0.1590	\$0.1590	\$0.1761	\$0.1590	\$0.1643	\$0.1636
35												
36	National Fuel		FST 2358	\$3.3612	117th Rev Sheet No. 9	\$0.1120	\$0.1084	\$0.1084	\$0.1200	\$0.1084	\$0.1120	\$0.1116
37												
38												
39	ANE	TransCanada PipeLines Limited		\$9.3281	Union Dawn to Iroquois							
40		Delivery Pressure Demand Charge		0.4957	Union Dawn to Iroquois							
41		Sub Total Demand Charges		9.8238								
42		Conversion rate GJ to MMBTU		1.0551								
43		Conversion rate to US\$		0.8473	10/15/2008							
44		Demand Rate/US\$		\$8.7824		\$0.2927	\$0.2833	\$0.2833	\$0.3137	\$0.2833	\$0.2927	\$0.2915
45												
46 <u>Peaking</u>												
47     Granite Ridge Demand												
48     DOMAC Liquid FLS-164												
49												
50 <u>Storage</u>												
51	Dominion - Demand		GSS 300076	\$1.8780	30th Rev Sheet No. 35	\$0.0626	\$0.0606	\$0.0606	\$0.0671	\$0.0606	\$0.0626	\$0.0623
52	Dominion - Capacity		GSS 300076	\$0.0145	30th Rev Sheet No. 35	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005
53				\$1.8925		\$0.0631	\$0.0610	\$0.0610	\$0.0676	\$0.0610	\$0.0631	\$0.0628
54												
55	Honeoye - Demand		SS-NY	\$6.4187	Sub 1st Rev Sheet 5	\$0.2140	\$0.2071	\$0.2071	\$0.2292	\$0.2071	\$0.2140	\$0.2129
56												
57	National Fuel - Demand		FSS-1 2357	\$2.1556	15th Rev. Sheet No. 10	\$0.0719	\$0.0695	\$0.0695	\$0.0770	\$0.0695	\$0.0719	\$0.0715
58	National Fuel - Capacity		FSS-1 2357	\$0.0432	15th Rev. Sheet No. 10	\$0.0014	\$0.0014	\$0.0014	\$0.0015	\$0.0014	\$0.0014	\$0.0014
59				\$2.1988		\$0.0733	\$0.0709	\$0.0709	\$0.0785	\$0.0709	\$0.0733	\$0.0729
60												
61	Tenn Gas Pipeline		FS-MA	\$1.1500	17th Rev Sheet No. 27	\$0.0383	\$0.0371	\$0.0371	\$0.0411	\$0.0371	\$0.0383	\$0.0381
62	Tenn Gas Pipeline - Space		FS-MA	\$0.0185	17th Rev Sheet No. 27	\$0.0006	\$0.0006	\$0.0006	\$0.0007	\$0.0006	\$0.0006	\$0.0006
63				\$1.1685		\$0.0390	\$0.0377	\$0.0377	\$0.0417	\$0.0377	\$0.0390	\$0.0388

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APPLICABLE TO SETTling PARTIES PURSUANT TO THE MARCH 29, 2005, STIPULATION  
 IN DOCKET NOS. RP97-406, RP00-15, RP00-344 and RP00-632  
 (FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE SHEET 35A)

RATES APPLICABLE TO RATE SCHEDULES IN  
 FERC GAS TARIFF, VOLUME NO. 1  
 (\$ per DT)

Rate Schedule	Rate Component	Base Tariff Rate [1]	Current Acct 858 Base	Current EPCA Base	TCRA [5] Surcharge	EPCA [6] Surcharge	FERC ACA	Current Rate
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
GSS [2], [4]								
===	Storage Demand	\$1.7984	\$0.0678	\$0.0195	(\$0.0094)	\$0.0017	-	\$1.8780
	Storage Capacity	\$0.0145	-	-	-	-	-	\$0.0145
	Injection Charge	\$0.0154	-	\$0.0063	\$0.0000	\$0.0002	-	\$0.0219
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	\$0.0002	\$0.0017	\$0.0173
	GSS-TE Surcharge [3]	-	\$0.0046	-	\$0.0000	-	-	\$0.0046
	Demand Charge Adjustment	\$21.5808	\$0.8136	\$0.2340	(\$0.1128)	\$0.0204	-	\$22.5360
	From Customers Balance	\$0.6163	\$0.0148	\$0.0042	(\$0.0020)	\$0.0006	\$0.0017	\$0.6356
ISS [2]								
=====	ISS Capacity	\$0.0736	\$0.0022	\$0.0006	(\$0.0003)	\$0.0001	-	\$0.0762
	Injection Charge	\$0.0154	-	\$0.0063	\$0.0000	\$0.0002	-	\$0.0219
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	\$0.0002	\$0.0017	\$0.0173
	Authorized Overrun/from Cust. Bal	\$0.6163	\$0.0148	\$0.0042	(\$0.0020)	\$0.0006	\$0.0017	\$0.6356
	Excess Injection Charge	\$0.2245	-	\$0.0063	\$0.0000	\$0.0002	-	\$0.2310

- [1] The base tariff rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] Storage Service Fuel Retention Percentage is 2.28% plus Adders of 0.28% (RP00-632 S&A approved 9/13/01) totaling 2.56%.
- [3] Applies to withdrawals made under Rate Schedule GSS, Section 5.1.G.
- [4] Daily Capacity Release Rate for GSS per Dt is \$0.6183.
- [5] 858 over/under from previous TCRA period.
- [6] Electric over/under from previous EPCA period.

subject to an allowable variation of not more than one percent above or below the aggregate of said scheduled daily deliveries of said month.

The amount of gas in storage for Buyer's account at any time (exclusive of Buyer's share of cushion gas) shall be Buyer's Gas Storage Balance at that time and shall not exceed Buyer's Maximum Quantity Stored (MQS).

Seller shall be ready at all times to deliver to Buyer, and Buyer shall have the right at all times to receive from Seller, natural gas up to the MDWQ Seller is obligated to deliver to Buyer on that day.

Buyer's MQS, Buyer's MDWQ and Buyer's ADWQ shall be specified in the Gas Storage Agreement providing for service under this Rate Schedule.

### 3. RATE

Buyer shall pay Seller for each month of the year during the term of the Gas Storage Agreement a Demand Charge which shall be six dollars and forty one point eight seven cents per MMBTU (\$6.4187/MMBTU)\*\* multiplied by the ADWQ as provided for in the Gas Storage Agreement.

### 4. MINIMUM BILL

The Minimum Bill for each month shall consist of the Demand Charge for the ADWQ as defined in Article 3.

### 5. COMPRESSOR FUEL ALLOWANCE

Buyer will make available without charge to Seller such additional quantities of gas as needed by Seller for

\*\* The Demand Charge Rate set forth in individual service agreements shall be deemed to have been converted to a thermal billing basis utilizing a factor of 1022/MMBTU per 1 MCF as adjusted pursuant to Section III of the General Terms & Conditions, provided however, the total Maximum Quantity Stored in the field shall not exceed 4.8 BCF and provided that each Buyer shall receive its allowable share of same.

**Iroquois Gas Transmission System, L.P.**  
**FERC Gas Tariff**  
**FIRST REVISED VOLUME NO. 1**

**Thirtieth Revised Sheet No. 4**  
*Currently Effective*  
**Superseding Twenty-Ninth Revised Sheet No. 4**

----- RATES (All in \$ Per Dth) -----							
	Minimum	Non-Settlement Recourse & Eastchester	Settlement Recourse Rates				
		Initial Rates 3/	----- Applicable to Non-Eastchester/Non-Contesting Shippers 2/ -----				
			Effective 1/1/2003	Effective 7/1/2004	Effective 1/1/2005	Effective 1/1/2006	Effective 1/1/2007
RTS DEMAND:							
Zone 1	\$0.0000	\$7.5637	\$7.5637	\$6.9586	\$6.8514	\$6.7788	\$6.5971
Zone 2	\$0.0000	\$6.4976	\$6.4976	\$5.9778	\$5.8857	\$5.8233	\$5.6673
Inter-Zone	\$0.0000	\$12.7150	\$12.7150	\$11.6978	\$11.5177	\$11.3956	\$11.0902
Zone 1 (MFV) 1/	\$0.0000	\$5.3607	\$5.3607	\$4.9318	\$4.8559	\$4.8044	\$4.6757
RTS COMMODITY:							
Zone 1	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030
Zone 2	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024
Inter-Zone	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054
Zone 1 (MFV) 1/	\$0.0300	\$0.1506	\$0.1506	\$0.1386	\$0.1364	\$0.1350	\$0.1314
ITS COMMODITY:							
Zone 1	\$0.0030	\$0.2517	\$0.2517	\$0.2318	\$0.2283	\$0.2259	\$0.2199
Zone 2	\$0.0024	\$0.2160	\$0.2160	\$0.1989	\$0.1959	\$0.1938	\$0.1887
Inter-Zone	\$0.0054	\$0.4234	\$0.4234	\$0.3900	\$0.3840	\$0.3800	\$0.3700
Zone 1 (MFV) 1/	\$0.0300	\$0.3268	\$0.3268	\$0.3007	\$0.2960	\$0.2929	\$0.2850
MAXIMUM VOLUMETRIC CAPACITY RELEASE RATE:							
Zone 1	\$0.0000	\$0.2487	\$0.2487	\$0.2288	\$0.2253	\$0.2229	\$0.2169
Zone 2	\$0.0000	\$0.2136	\$0.2136	\$0.1965	\$0.1935	\$0.1915	\$0.1863
Inter-Zone	\$0.0000	\$0.4180	\$0.4180	\$0.3846	\$0.3787	\$0.3746	\$0.3646
Zone 1 (MFV) 1/	\$0.0000	\$0.1762	\$0.1762	\$0.1621	\$0.1596	\$0.1580	\$0.1537

**\*\*SEE SHEET NO. 4A FOR ADJUSTMENTS TO RATES WHICH MAY BE APPLICABLE**

- 1/ As authorized pursuant to order of the Federal Energy Regulatory Commission, Docket Nos. RS92-17-003, et al., dated June 18, 1993 (63 FERC para. 61,285).
- 2/ Settlement Recourse Rates were established in Iroquois' Settlement dated August 29, 2003, which was approved by Commission order issued Oct. 24, 2003, in Docket No. RP03-589-000. That Settlement also established a moratorium on changes to the Settlement Rates until January 1, 2008, defines the Non-Eastchester/Non-Contesting parties to which it applies, and provides that Iroquois' TCRA will be terminated on July 1, 2004.
- 3/ See Sections 1.2 and 4.3 of the Settlement referenced in footnote 2. As directed by the Commission's January 30, 2004 Order in Docket No. RP04-136, the Eastchester Initial Rates apply for service to Eastchester Shippers prior to the July 1, 2004 effective date of the rates set forth on Sheet No. 4C.

Issued by: Jeffrey A. Bruner, Vice Pres., Gen Counsel & Secretary

Issued on: February 4, 2004

Filed to comply with order of the Federal Energy Regulatory Commission,  
Docket No. RP04-136-000, Issued January 30, 2004

**Effective: February 5, 2004**

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**National Fuel Gas Supply Corporation**  
**FERC Gas Tariff**  
**Fourth Revised Volume No. 1**

**117th Revised Sheet No. 9**  
**Superseding**  
**116th Revised Sheet No. 9**

Rate Sch. (1)	Rate Component (2)		Base Rate (3)	FERC ACA (4)	Current Rate 1/ (5)
IT	Commodity	(Max)	\$0.1168	0.0019	\$0.1187
		(Min)	0.0000	0.0019	\$0.0019
	Overrun	(Max)	0.1168	0.0019	\$0.1187
		(Min)	0.0000	0.0019	\$0.0019
IG	Commodity	(Max)	5.1000	-	\$5.1000
		(Min)	0.0069	-	\$0.0069
FG	Reservation	(Max)	0.0000	-	\$0.0000
		(Min)	0.0000	-	\$0.0000
	Commodity	(Max)	0.0069	0.0019	\$0.0088
		(Min)	0.0069	0.0019	\$0.0088
	Overrun	(Max)	5.1000	0.0019	\$5.1019
		(Min)	5.1000	0.0019	\$5.1019
X-58 Conversion Surcharge	Reservation	(Max)	0.1221	-	\$0.1221
		(Min)	-	-	-
	Commodity	(Max)	-	-	-
		(Min)	-	-	-
W-1	Commodity	(Max)	0.0252	0.0019	\$0.0271
		(Min)	0.0000	-	\$0.0000
	Overrun	(Max)	0.0252	0.0019	\$0.0271
		(Min)	0.0000	-	\$0.0000
	Fly-By Rate	(Max)	0.0100	-	\$0.0100
		(Min)	0.0000	-	\$0.0000
IR-1	First Day	(Max)	0.0532	0.0019	\$0.0551
		(Min)	0.0000	-	\$0.0000
	Each Subsequent Day	(Max)	0.0028	-	\$0.0028
		(Min)	0.0000	-	\$0.0000
IR-2	First Day	(Max)	0.0028	-	\$0.0028
		(Min)	0.0000	-	\$0.0000
	Each Subsequent Day	(Max)	0.0028	-	\$0.0028
		(Min)	0.0000	-	\$0.0000
FST	Reservation	(Max)	3.3612	-	\$3.3612
		(Min)	0.0000	-	\$0.0000
	Commodity	(Max)	0.0063	0.0019	\$0.0082
		(Min)	0.0063	0.0019	\$0.0082
	Overrun	(Max)	0.1168	0.0019	\$0.1187
		(Min)	0.0063	0.0019	\$0.0082
	Maximum Volumetric Rate		0.1168	0.0019	\$0.1187
1/ All rates exclusive of Fuel and Company Use retention and Transportation LAUF retention. Fuel and Company Use retention for all applicable rate schedules is 1.15%. Transportation LAUF retention for all applicable rate schedules is 0.25%. Transporter may from time to time identify point pair transactions where the Fuel and Company Use retention shall be zero ("Zero Fuel Point Pair Transactions"). Zero Fuel Point Pair Transactions will be assessed the Transportation LAUF retention of 0.25%.					

**National Fuel Gas Supply Corporation**  
**FERC Gas Tariff**  
**Fourth Revised Volume No. 1**

**Fifteenth Revised Sheet No. 10**  
*Currently Effective*  
**Superseding Fourteenth Revised Sheet No. 10**

Rate Sch. (1)	Rate Component (2)		Base Rate (3)	FERC ACA (4)	Current Rate 2/ (5)
ESS	Demand	(Max)	\$2.1345	-	\$2.1345
		(Min)	0.0000	-	\$0.0000
	Capacity	(Max)	0.0432	-	\$0.0432
		(Min)	0.0000	-	\$0.0000
	Injection/ Withdrawal	(Max)	0.0139	0.0019	\$0.0158
		(Min)	0.0000	-	\$0.0000
	Max. Volumetric Dem. Rate 3/		0.0702	0.0019	\$0.0721
	Max. Volumetric Cap. Rate 4/		0.0014	-	\$0.0014
	Storage Balance Transfer	(Max) 5/	3.8600	-	\$3.8600
		(Min) 5/	0.0000	-	\$0.0000
ISS	Injection	(Max)	1.0635	0.0019	\$1.0654
		(Min)	0.0000	-	\$0.0000
	Storage Balance Transfer	(Max) 5/	3.8600	-	\$3.8600
		(Min) 5/	0.0000	-	\$0.0000
IAS	Usage	(Max) 1/	0.0028	-	\$0.0028
		(Min) 1/	0.0000	-	\$0.0000
	Advance/Return	(Max)	0.0139	0.0019	\$0.0158
		(Min)	0.0000	-	\$0.0000
FSS	Demand	(Max)	2.1556	-	\$2.1556
		(Min)	0.0000	-	\$0.0000
	Capacity	(Max)	0.0432	-	\$0.0432
		(Min)	0.0000	-	\$0.0000
	Injection/ Withdrawal	(Max)	0.0139	0.0019	\$0.0158
		(Min)	0.0000	-	\$0.0000
	Max. Volumetric Dem. Rate 3/		0.0709	0.0019	\$0.0728
	Max. Volumetric Cap. Rate 4/		0.0014	-	\$0.0014
	Storage Balance Transfer	(Max) 5/	3.8600	-	\$3.8600
		(Min) 5/	0.0000	-	\$0.0000
P-1	First Day	(Max)	0.0575	0.0019	\$0.0594
		(Min)	0.0000	-	\$0.0000
	Each Subsequent Day	(Max)	0.0071	-	\$0.0071
		(Min)	0.0000	-	\$0.0000
P-2	First Day	(Max)	0.0071	-	\$0.0071
		(Min)	0.0000	-	\$0.0000
	Each Subsequent Day	(Max)	0.0071	-	\$0.0071
		(Min)	0.0000	-	\$0.0000

1/ Unit Dth Rates per day.

2/ All rates exclusive of Surface Operating Allowance and Storage LAUF retention, where applicable.  
Surface Operating Allowance for all applicable rate schedules is 1.17%. Storage LAUF retention for all applicable rate schedules is 0.23%.

3/ Assessed per dekatherm injected/withdrawn. Exclusive of Injection/Withdrawal charge.

4/ Assessed per dekatherm per day on storage balance.

5/ Rate per nomination.

Statement of Transportation Rates (Rates per DTH)				
Rate Schedule	Rate Component	Base Rate	ACA Unit Charge 1/	Current Rate
FT	Recourse Reservation Rate			
	-- Maximum	\$27.4017	-----	\$27.4017
	-- Minimum	\$00.0000	-----	\$00.0000
	Seasonal Recourse Reservation Rate			
	-- Maximum	\$52.0632	-----	\$52.0632
	-- Minimum	\$00.0000	-----	\$00.0000
	Short Term Recourse Reservation Rate			
	-- Maximum	\$68.5042	-----	\$68.5042
	-- Minimum	\$00.0000	-----	\$00.0000
	Recourse Usage Rate			
	-- Maximum	\$00.0000	\$00.0017	\$00.0017
	-- Minimum	\$00.0000	\$00.0017	\$00.0017
FT-FLEX	Recourse Reservation Rate			
	--Maximum	\$18.3920	-----	\$18.3920
	--Minimum	\$00.0000	-----	\$00.0000
	Recourse Usage Rate			
	--Maximum	\$00.2962	\$00.0017	\$00.2979
	--Minimum	\$00.0000	\$00.0017	\$00.0017
IT	Recourse Usage Rate			
	-- Maximum	\$02.2522	\$00.0017	\$02.2539
	-- Minimum	\$00.0000	\$00.0017	\$00.0017
The following adjustment applies to all Rate Schedules above:				
MEASUREMENT VARIANCE:				
	Minimum	down to -1.00%		
	Maximum	up to +1.00%		
<hr/>				
1/ ACA assessed where applicable under Section 154.402 of the Commission's regulations and will be charged pursuant to Section 17 of the General Terms and Conditions at such time that initial and successive ACA assessments are made.				

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FOR FT-A

=====

Base Reservation Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$3.10		\$6.45	\$9.06	\$10.53	\$12.22	\$14.09	\$16.59
L		\$2.71						
1	\$6.66		\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.15
2	\$9.06		\$7.62	\$2.86	\$4.32	\$6.32	\$7.89	\$10.39
3	\$10.53		\$9.08	\$4.32	\$2.05	\$6.08	\$7.64	\$10.14
4	\$12.53		\$11.08	\$6.32	\$6.08	\$2.71	\$3.38	\$5.89
5	\$14.09		\$12.64	\$7.89	\$7.64	\$3.38	\$2.85	\$4.93
6	\$16.59		\$15.15	\$10.39	\$10.14	\$5.89	\$4.93	\$3.16

Surcharges

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
PCB Adjustment: 1/ 0	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
L		\$0.00						
1	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Maximum Reservation Rates 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$3.10		\$6.45	\$9.06	\$10.53	\$12.22	\$14.09	\$16.59
L		\$2.71						
1	\$6.66		\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.15
2	\$9.06		\$7.62	\$2.86	\$4.32	\$6.32	\$7.89	\$10.39
3	\$10.53		\$9.08	\$4.32	\$2.05	\$6.08	\$7.64	\$10.14
4	\$12.53		\$11.08	\$6.32	\$6.08	\$2.71	\$3.38	\$5.89
5	\$14.09		\$12.64	\$7.89	\$7.64	\$3.38	\$2.85	\$4.93
6	\$16.59		\$15.15	\$10.39	\$10.14	\$5.89	\$4.93	\$3.16

Minimum Base Reservation Rates The minimum FT-A Reservation Rate is \$0.00 per Dth

Notes:

- 1/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 2/ Maximum rates are inclusive of base rates and above surcharges.



RATES PER DEKATHERM

RATE SCHEDULE NET 284

Rate Schedule and Rate	Base Tariff	ADJUSTMENTS			Rate After Current	Fuel and
	Rate	(ACA)	(TCSM)	(PCB) 5/	Adjustments	Use
-----						
Demand Rate 1/, 5/						
-----						
Segment U	\$9.65			\$0.00	\$9.65	
Segment 1	\$1.33			\$0.00	\$1.33	
Segment 2	\$8.08			\$0.00	\$8.08	
Segment 3	\$5.07			\$0.00	\$5.07	
Segment 4	\$5.54			\$0.00	\$5.54	
Commodity Rate 2/, 3/						
-----						
Segments U, 1, 2, 3 & 4		\$0.0017			\$0.0017	6/
Extended Receipt and Delivery Rate 4/, 7/						
-----						
Segment U	\$0.3173				\$0.3173	5.52%
Segment 1	\$0.0437				\$0.0437	0.69%
Segment 2	\$0.2656				\$0.2656	0.59%
Segment 3	\$0.1667				\$0.1667	0.73%
Segment 4	\$0.1821				\$0.1821	0.36%

Notes:

- 1/ A specific customer's Monthly Demand Rate is dependent upon the location of its points of receipt and delivery, and is to be determined by summing the Monthly Demand Rate components for those pipeline segments connecting said points.
- 2/ The applicable surcharges for ACA and TCSM will be assessed on actual quantities delivered and are not dependent upon the location of points of receipt and delivery.
- 3/ The Incremental Pressure Charge associated with service to MassPower shall be \$0.0334 plus an additional Incremental Fuel Charge of 5.83%.
- 4/ Rates are subject to negotiation pursuant to the terms of the Rate Schedule for NET 284.
- 5/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 6/ The applicable fuel retention percentages are listed on Sheet No. 220A.
- 7/ The Extended Receipt and Delivery Rates are additive for each segment outside of the segments under Shipper's base NET-284 contract.

RATES PER DEKATHERM				
STORAGE SERVICE				
=====				
Rate Schedule	Tariff	ADJUSTMENTS		Current
and Rate	Rate	(ACA)	(TCSM) (PCB) 2/	Adjustment
-----	-----	-----	-----	-----
FIRM STORAGE SERVICE (FS) -				
PRODUCTION AREA				
=====				
Deliverability Rate	\$2.02		\$0.00	\$2.02
Space Rate	\$0.0248		\$0.0000	\$0.0248
Injection Rate	\$0.0053			\$0.0053
Withdrawal Rate	\$0.0053			\$0.0053
Overrun Rate	\$0.2427			\$0.2427
FIRM STORAGE SERVICE (FS) -				
MARKET AREA				
=====				
Deliverability Rate	\$1.15		\$0.00	\$1.15
Space Rate	\$0.0185		\$0.0000	\$0.0185
Injection Rate	\$0.0102			\$0.0102
Withdrawal Rate	\$0.0102			\$0.0102
Overrun Rate	\$0.1380			\$0.1380
INTERRUPTIBLE STORAGE SERVICE				
(IS) - MARKET AREA				
=====				
Space Rate	\$0.0848		\$0.0000	\$0.0848
Injection Rate	\$0.0102			\$0.0102
Withdrawal Rate	\$0.0102			\$0.0102
INTERRUPTIBLE STORAGE SERVICE				
(IS) - PRODUCTION AREA				
=====				
Space Rate	\$0.0993		\$0.0000	\$0.0993
Injection Rate	\$0.0053			\$0.0053
Withdrawal Rate	\$0.0053			\$0.0053
1/ The quantity of gas associated with losses is 0.5%.				
2/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000,				
was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the				
Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29,				
1995 and February 20, 1996.				

# Canadian and Export Transportation Tolls

## Approved 2008 Final Tolls

(Final Tolls are unchanged from the effective June Approved Interim Tolls)

Line No	Particulars	Demand Toll (\$/GJ/mo)	Commodity Toll (\$/GJ)	100% LF Toll (\$/GJ)
	(a)	(b)	(c)	(d)
<b>Canadian Firm Transportation</b>				
1	Saskatchewan Zone	6.23698	0.01969	0.22418
2	Manitoba Zone	12.28548	0.03684	0.43964
3	Western Zone	20.07405	0.06391	0.72208
4	Northern Zone	30.41993	0.09601	1.09338
5	North Bay Junction	33.33775	0.10736	1.20040
6	Eastern Zone	38.93622	0.12339	1.39999
7	Southwest Zone	33.37110	0.10747	1.20160
<b>Export Firm Transportation</b>				
8	Empress to Emerson	13.91324	0.04241	0.49858
9	Empress to St. Clair	33.33105	0.10733	1.20015
10	Empress to Chippawa	37.64493	0.12015	1.35441
11	Empress to Niagara Falls	37.61530	0.12005	1.35334
12	Empress to Iroquois	38.67452	0.12520	1.39322
13	Empress to Cornwall	39.30207	0.12701	1.41560
14	Empress to Philipsburg	41.46266	0.13423	1.49366
15	Empress to Napierville	41.24620	0.13351	1.48584
16	Empress to East Hereford	43.75566	0.14190	1.57651
<b>Shorthaul Firm Transportation</b>				
17	Emerson to Union Gas - CDA	23.79583	0.07533	0.85552
18	Emerson to Niagara	24.66575	0.07836	0.88707
19	Emerson to Chippawa	24.69537	0.07846	0.88814
20	Dawn to Enbridge Gas - CDA	4.86708	0.01215	0.17173
21	Dawn to Enbridge Gas - EDA	9.85413	0.02893	0.35202
22	Dawn to Union Gas - CDA	4.08382	0.00943	0.14333
23	Dawn to Union Gas - EDA	8.09049	0.02304	0.28830
24	Dawn to Gaz Métropolitain - EDA	11.76913	0.03554	0.42141
25	Dawn to Iroquois	9.32811	0.02709	0.33293
26	Dawn to Niagara	4.95188	0.01245	0.17481
27	Dawn to Chippawa	4.98151	0.01255	0.17588
28	Dawn to East Hereford	14.26916	0.04360	0.51144
29	Dawn to Philipsburg	11.97616	0.03594	0.42860
30	Kirkwall to Chippawa	2.64252	0.00473	0.09137
31	Parkway to Union Gas- EDA	5.27656	0.01363	0.18663
32	Parkway to Iroquois	6.51542	0.01768	0.23130
33	Parkway to Enbridge Gas - CDA	2.16907	0.00312	0.07424
34	Parkway to Gaz Métropolitain - EDA	8.95644	0.02613	0.31978
35	Parkway to Philipsburg	9.16348	0.02653	0.32697
36	St. Clair to Union SWDA	1.26791	0.00014	0.04171
37	St. Clair to Chippawa	5.27694	0.01354	0.18655
38	St. Clair to East Hereford	14.56459	0.04459	0.52212

\* All tolls are expressed and payable in Canadian Dollars.

# Canadian and Export Transportation Tolls

## Approved 2008 Final Tolls

(Final Tolls are unchanged from the effective June Approved Interim Tolls)

Line No	Particulars	Demand Toll (\$/GJ/mo)	Commodity Toll (\$/GJ)
	(a)	(b)	(c)

### Storage Transportation Service

1	Centra Gas Manitoba - MDA	3.00917	0.00645
2	Union Gas - WDA	19.73333	0.06161
3	Union Gas - NDA	7.88583	0.02282
4	Union Gas - EDA	5.17667	0.01335
5	Kingston PUC	4.99417	0.01260
6	Gaz Metropolitain - EDA	8.95667	0.02613
7	Enbridge - CDA	1.29667	0.00022
8	Enbridge - EDA	3.26250	0.00700
9	Cornwall	7.00250	0.01931
10	Philipsburg	9.16333	0.02653

Line No	Particulars	Commodity Toll (\$/GJ)
	(a)	(b)

### Enhanced Capacity Release

11	ECR Surcharge	0.040
----	---------------	-------

Line No	Delivery Pressure	Demand Toll (\$/GJ/mo)	Commodity Toll (\$/GJ)	Daily Equivalent *(1) (\$/GJ)
	(a)	(b)	(c)	(d)

1	Emerson - 1 (Viking)	0.04565	0.00000	0.00150
2	Emerson - 2 (Great Lakes)	0.05944	0.00000	0.00195
3	Dawn	0.06461	0.00000	0.00212
4	Niagara Falls	0.09325	0.00000	0.00306
5	Iroquois	0.49571	0.00000	0.01625
6	Chippawa	0.85681	0.00000	0.02809
7	East Hereford	1.46897	0.01895	0.06711

\*(1) The Demand Daily Equivalent Toll is only applicable to STS Injections, IT, Diversions and STFT.

### System Average Unit Cost of Transportation

Line No	Particulars	Functionalized (\$000's)	Applicable Allocation Units (GJ)	Unit Costs
	(a)	(b)	(c)	(d)
8	Fixed Energy - (\$/GJ)	94,343	6,409,367	14.7195503082
9	Transmission - Variable - (\$/GJ-km)	91,548	2,208,799,890,501	0.0000414471
10	Transmission - Fixed - (\$/GJ-km)	1,463,914	9,840,308,746	0.1487670475

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## RATES AND STATISTICS

### Exchange Rates



### Daily currency converter

SEE ALSO:

[10-Year Currency Converter](#)**Using rates for: 15 Oct 2008**

**NEW:** The following currencies are now available for converting: Serbian Dinar, Romanian Ron and UAE Dirham. The start date for these new currencies is 3 September 2007.

Convert to and from Canadian dollars, using the latest noon rates.

Currency:	<input type="text" value="U.S. dollar"/>
Amount:	<input type="text" value="1.00"/>
Convert:	<input checked="" type="radio"/> from \$Can <input type="radio"/> to \$Can
Use the:	<input checked="" type="radio"/> Nominal rate <a href="#">HELP</a> <input type="radio"/> Cash rate (4%) <a href="#">HELP</a>
Answer:	<input type="text" value="0.85"/> <input type="button" value="CONVERT"/>
Exchange rate:	<input type="text" value="0.8473"/>

#### Summary:

On 15 Oct 2008, 1.00 Canadian dollar(s) = 0.85 U.S. dollar(s), at an exchange rate of 0.8473 (using nominal rate.)

#### SEE ALSO:

[10-Year Currency Converter](#)

#### FREQUENTLY ASKED:

**Why is the currency I'm looking for not listed here?**

The Bank currently collects data for about 55 foreign currencies. This data is intended primarily for people with a research interest in foreign exchange markets, and represents a sampling of currencies from various regions. It is not meant to be an exhaustive listing of all world currencies.

More comprehensive currency converters are available elsewhere on the web. You may want to try [hifx.com](#) or [oanda.com](#).

**Are the exchange rates shown here accepted by Canada Revenue Agency?**

Yes. The Agency accepts Bank of Canada exchange rates as the basis for calculations involving income and expenses that are denominated in foreign currencies.

1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Supply and Commodity Costs, Volumes and Rates**

For Month of:	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Nov- Apr
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
<b>Supply and Commodity Costs</b>								
<b>Pipeline Gas:</b>								
Dawn Supply	In 62 * In 101							
Niagara Supply	In 63 * In 106							
TGP Supply (Direct)	In 64 * In 114							
TGP Zone 6 Purchases	In 65 * In 117							
Dracut Winter Supply	In 66 * In 111							
City Gate Delivered Supply	In 67 * In 122							
LNG Truck	In 68 * In 124							
Propane Truck	In 69 * In 126							
PNGTS	In 70 * In 131							
Granite Ridge	In 71 * In 136							
Subtotal Pipeline Gas Costs		\$ 8,303,132	\$ 13,894,545	\$ 15,800,705	\$ 13,193,866	\$ 7,573,946	\$ 7,537,844	\$ 66,304,039
<b>Volumetric Transportation Costs</b>								
Dawn Supply	In 62 * In 183							
Niagara Supply	In 63 * In 194							
TGP Supply (Direct)	In 64 * In 221							
TGP Zone 6 Purchases	In 65 * In 231							
Dracut Winter Supply	In 66 * In 242							
TGP Storage - Withdrawals	In 76 * In 158							
Total Volumetric Transportation Costs		\$ 544,333	\$ 648,061	\$ 751,628	\$ 636,934	\$ 707,467	\$ 459,518	\$ 3,747,942
<b>Less - Gas Refill:</b>								
LNG Truck	In 85 * In 143							
Propane	In 86 * In 144							
TGP Storage Refill	In 87 * In 114							
Storage Refill (Trans.)	In 87 * In 221							
Subtotal Refills		\$ (761,525)	\$ (176,628)	\$ (1,426,382)	\$ (234,149)	\$ (171,879)	\$ (353,290)	\$ (3,123,853)
Total Supply & Pipeline Commodity Costs	In 23 + In 33 + In 41	\$ 8,085,939	\$ 14,365,978	\$ 15,125,952	\$ 13,596,652	\$ 8,109,534	\$ 7,644,073	\$ 66,928,128
<b>Storage Gas:</b>								
TGP Storage - Withdrawals	In 76 * In 150	\$ 1,475,445	\$ 2,346,499	\$ 4,253,699	\$ 2,825,595	\$ 5,303,730	\$ -	\$ 16,204,967
<b>Produced Gas:</b>								
LNG Vapor	In 79 * In 138							
Propane	In 80 * In 140							
Total Produced Gas	In 49 + In 50	\$ 146,413	\$ 315,136	\$ 1,258,347	\$ 542,373	\$ 166,767	\$ 19,295	\$ 2,448,331
Total Commodity Gas & Trans. Costs	In 43 + In 46 + In 52	\$ 9,707,797	\$ 17,027,613	\$ 20,637,998	\$ 16,964,619	\$ 13,580,031	\$ 7,663,368	\$ 85,581,427

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1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Supply and Commodity Costs, Volumes and Rates**

6 For Month of:	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Nov- Apr
7 (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
58								
59 <b>Volumes (Therms)</b>								
60								
61 <b>Pipeline Gas:</b>	See Schedule 11A							
62 Dawn Supply		1,065,528	1,100,655	1,100,655	994,373	1,100,655	1,068,230	6,430,097
63 Niagara Supply		843,956	871,878	871,878	787,212	871,878	843,956	5,090,756
64 TGP Supply (Direct)		5,835,635	5,624,872	5,945,521	5,262,790	6,030,187	5,835,635	34,534,639
65 TGP Zone 6 Purchases		-	-	-	-	-	1,052,918	1,052,918
66 Dracut Winter Supply		1,054,720	5,488,866	5,494,270	4,953,850	370,188	-	17,361,893
67 City Gate Delivered Supply		2,161,680	2,233,736	2,233,736	2,017,568	915,111	1,001,578	10,563,410
68 LNG Truck		225,175	237,785	360,280	302,635	225,175	-	1,351,050
69 Propane Truck		-	-	562,938	-	-	-	562,938
70 PNGTS		29,723	38,730	44,134	37,829	34,227	25,220	209,863
71 Granite Ridge		-	-	-	-	-	-	-
72								
73 Subtotal Pipeline Volumes		11,216,417	15,596,521	16,613,412	14,356,257	9,547,420	9,827,538	77,157,565
74								
75 <b>Storage Gas:</b>								
76 TGP Storage		1,730,245	2,761,546	5,006,091	3,325,384	6,241,851	-	19,065,117
77								
78 <b>Produced Gas:</b>								
79 LNG Vapor		225,175	237,785	416,123	288,224	217,969	25,220	1,410,496
80 Propane		-	96,375	562,938	190,948	-	-	850,261
81								
82 Subtotal Produced Gas		225,175	334,160	979,061	479,172	217,969	25,220	2,260,757
83								
84 <b>Less - Gas Refill:</b>								
85 LNG Truck		(225,175)	(237,785)	(360,280)	(302,635)	(225,175)	-	(1,351,050)
86 Propane		-	-	(562,938)	-	-	-	(562,938)
87 TGP Storage Refill		(768,297)	-	-	-	-	(432,336)	(1,200,633)
88								
89 Subtotal Refills		(993,472)	(237,785)	(923,218)	(302,635)	(225,175)	(432,336)	(3,114,621)
90								
91 <b>Total Sendout Volumes</b>		12,178,365	18,454,442	21,675,346	17,858,179	15,782,065	9,420,421	95,368,818
92								
93								
94								

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1 **ENERGY NORTH NATURAL GAS, INC.**

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

4 **Supply and Commodity Costs, Volumes and Rates**

5									
6	For Month of:	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak
7	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	Nov- Apr
95	Gas Costs and Volumetric Transportation Rates								(i)
96									Average Rate
97	<b>Pipeline Gas:</b>								
98	<b>Dawn Supply</b>								
99	NYMEX Price	Sch 7, In 10/10							
100	Basis Differential								
101	<b>Net Commodity Costs</b>								
102									
103	<b>Niagara Supply</b>								
104	NYMEX Price	Sch 7, In 10/10							
105	Basis Differential								
106	<b>Net Commodity Costs</b>								
107									
108	<b>Dracut Winter Supply</b>								
109	Commodity Costs - NYMEX Price	Sch 7, In 10 / 10							
110	Basis Differential								
111	<b>Net Commodity Costs</b>								
112									
113	<b>TGP Supply (Direct)</b>								
114	NYMEX Price	Sch 7, In 10/10	\$0.7100	\$0.7428	\$0.7685	\$0.7737	\$0.7633	\$0.7498	\$0.7513
115									
116	<b>TGP Zone 6 Purchases</b>								
117	Commodity Costs - NYMEX Price	Sch 7, In 10/10	\$0.7100	\$0.7428	\$0.7685	\$0.7737	\$0.7633	\$0.7498	\$0.7513
118									
119	<b>City Gate Delivered Supply</b>								
120	NYMEX Price	Sch 7, In 10/10							
121	Basis Differential								
122	<b>Net Commodity Costs</b>								
123									
124	<b>LNG Truck</b>	Sch 7, In 10/10	\$0.7100	\$0.7428	\$0.7685	\$0.7737	\$0.7633	\$0.7498	\$0.7513
125									
126	<b>Propane Truck</b>	NYMEX - Propane	\$2.0210	\$2.0310	\$2.0420	\$2.0200	\$1.9920	\$1.9400	\$2.0077
127									
128	<b>PNGTS</b>								
129	NYMEX Price	Sch 7, In 10/10							
130	Additional Cost								
131	<b>Net Commodity Cost</b>								
132									
133	<b>Granite Ridge</b>								
134	NYMEX Price	Sch 7, In 10/10							
135	Additional Cost								
136	<b>Net Commodity Cost</b>								
137									
138	<b>LNG Vapor (Storage)</b>	Sch 16, In 103 /10	\$0.6502	\$0.7101	\$0.7530	\$0.7696	\$0.7651	\$0.7651	\$0.7355
139									
140	<b>Propane</b>	Sch 16, In 65 /10	\$1.5178	\$1.5178	\$1.6787	\$1.6787	\$1.6787	\$1.6787	\$1.6251
141									
142	<b>Storage Refill:</b>								
143	LNG Truck	In 124	\$0.7100	\$0.7428	\$0.7685	\$0.7737	\$0.7633	\$0.7498	\$0.7355
144	Propane	In 126	\$2.0210	\$2.0310	\$2.0420	\$2.0200	\$1.9920	\$1.9400	\$1.6251
145									
146									

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Supply and Commodity Costs, Volumes and Rates

6 For Month of:	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Nov- Apr
7 (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
147								
148								
149	<b>TGP Storage</b>							Average Rate
150	<b>Commodity Costs - Storage withdrawal</b>	Sch 16, ln 26 /10	\$0.8527	\$0.8497	\$0.8497	\$0.8497	\$0.8497	\$0.8502
151								
152	TGP - Max Commodity - Z 4-6	20th Rev Sheet No. 23A	<u>\$0.00834</u>	\$0.00834	\$0.00834	\$0.00834	\$0.00834	\$0.00834
153	TGP - Max Comm. ACA Rate - Z 4-6	20th Rev Sheet No. 23A	<u>\$0.00017</u>	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017
154	Subtotal TGP - Trans Charge - Max Commodity Rate - Z 4-6		\$0.00851	\$0.00851	\$0.00851	\$0.00851	\$0.00851	\$0.00851
155	TGP - Fuel Charge % - Z 4-6	3rd Rev Sheet No. 29	<u>2.17%</u>	<u>2.17%</u>	<u>2.17%</u>	<u>2.17%</u>	<u>1.92%</u>	<u>2.13%</u>
156	TGP - Fuel Charge % - Z 4-6 - (NYMEX * Percentage)		\$0.01850	\$0.01844	\$0.01844	\$0.01844	\$0.01631	\$0.01810
157	TGP - Withdrawal Charge	17th Rev Sheet No. 27	<u>\$0.00102</u>	\$0.00102	\$0.00102	\$0.00102	\$0.00102	\$0.00102
158	<b>Total Volumetric Transportation Rate - TGP (Storage)</b>		\$0.02803	\$0.02797	\$0.02797	\$0.02797	\$0.02584	\$0.02763
159								
160	<b>Total TGP - Comm. &amp; Vol. Trans. Rate</b>	ln 150 + ln 158	<b>\$0.88077</b>	<b>\$0.87767</b>	<b>\$0.87767</b>	<b>\$0.87767</b>	<b>\$0.87555</b>	<b>\$0.87784</b>
161								
162								
163	<b>Per Unit Volumetric Transportation Rates</b>							
164	<b>Dawn Supply Volumetric Transportation Charge</b>							
165	<b>Commodity Costs</b>	ln 101	<b>\$0.7440</b>	<b>\$0.7768</b>	<b>\$0.8025</b>	<b>\$0.8077</b>	<b>\$0.7973</b>	<b>\$0.7853</b>
166								
167	TransCanada - Commodity Rate/GJ	Union Dawn to Iroquois	<u>\$0.00271</u>	<u>\$0.00271</u>	<u>\$0.00271</u>	<u>\$0.00271</u>	<u>\$0.00271</u>	\$0.00271
168	Conversion Rate GL to MMBTU		<u>1.0551</u>	<u>1.0551</u>	<u>1.0551</u>	<u>1.0551</u>	<u>1.0551</u>	1.0551
169	Conversion Rate to US\$	10/15/2008	<u>0.8473</u>	<u>0.8473</u>	<u>0.8473</u>	<u>0.8473</u>	<u>0.8473</u>	0.8473
170	Commodity Rate/US\$	ln 167 x ln 168 x ln 169	<u>\$0.00242</u>	<u>\$0.00242</u>	<u>\$0.00242</u>	<u>\$0.00242</u>	<u>\$0.00242</u>	\$0.00242
171	TransCanada Fuel %	Union Dawn to Iroquois	<u>1.44%</u>	<u>1.39%</u>	<u>1.53%</u>	<u>1.19%</u>	<u>1.49%</u>	<u>1.35%</u>
172	TransCanada Fuel * Percentage	ln 165 x ln 171	\$0.01071	\$0.01080	\$0.01228	\$0.00961	\$0.01188	\$0.00823
173	Subtotal TransCanada		<b>\$0.01314</b>	<b>\$0.01322</b>	<b>\$0.01470</b>	<b>\$0.01203</b>	<b>\$0.01430</b>	<b>\$0.01065</b>
174	IGTS - Z1 RTS Commodity	30th Rev Sheet No. 4	<u>\$0.00030</u>	<u>\$0.00030</u>	<u>\$0.00030</u>	<u>\$0.00030</u>	<u>\$0.00030</u>	\$0.00030
175	IGTS - Z1 RTS ACA Rate Commodity	20th Rev Sheet 4A	<u>\$0.00017</u>	<u>\$0.00017</u>	<u>\$0.00017</u>	<u>\$0.00017</u>	<u>\$0.00017</u>	\$0.00017
176	IGTS - Z1 RTS Deferred Asset Surcharge	20th Rev Sheet 4A	<u>\$0.00005</u>	<u>\$0.00005</u>	<u>\$0.00005</u>	<u>\$0.00005</u>	<u>\$0.00005</u>	\$0.00005
177	Subtotal IGTS - Trans Charge - Z1 RTS Commodity		<b>\$0.00052</b>	<b>\$0.00052</b>	<b>\$0.00052</b>	<b>\$0.00052</b>	<b>\$0.00052</b>	<b>\$0.00052</b>
178	TGP NET-NE - Comm. Segments 3 & 4	42st Rev Sheet No. 26B	<u>\$0.00017</u>	<u>\$0.00017</u>	<u>\$0.00017</u>	<u>\$0.00017</u>	<u>\$0.00017</u>	\$0.00017
179	IGTS -Fuel Use Factor - Percentage	20th Rev Sheet 4A	<u>1.00%</u>	<u>1.00%</u>	<u>1.00%</u>	<u>1.00%</u>	<u>1.00%</u>	<u>1.00%</u>
180	IGTS -Fuel Use Factor - Fuel * Percentage	ln 165 x ln 179	<b>\$0.00744</b>	<b>\$0.00777</b>	<b>\$0.00802</b>	<b>\$0.00808</b>	<b>\$0.00797</b>	<b>\$0.00784</b>
181	TGP NET-284 - Fuel Charge % Z 4-6	5th Rev Sheet 220A	<u>1.54%</u>	<u>1.54%</u>	<u>1.54%</u>	<u>1.54%</u>	<u>1.54%</u>	1.54%
182	TGP NET-284 -Fuel Use Factor - Fuel * %	ln 165 x ln 181	<b>\$0.01146</b>	<b>\$0.01196</b>	<b>\$0.01236</b>	<b>\$0.01244</b>	<b>\$0.01228</b>	<b>\$0.01209</b>
183	<b>Total Volumetric Transportation Charge - Dawn Supply</b>		<b>\$0.03272</b>	<b>\$0.03364</b>	<b>\$0.03577</b>	<b>\$0.03324</b>	<b>\$0.03524</b>	<b>\$0.03364</b>
184								
185								
186	<b>Niagara Supply Volumetric Transportation Charge</b>							
187	<b>Commodity Costs</b>	Ln 106						
188								
189	TGP FTA - FTA Z 5-6 Comm. Rate	20th Rev Sheet No. 23A						
190	TGP FTA - FTA Z 5-6 - ACA Rate	20th Rev Sheet No. 23A						
191	Subtotal TGP FTA - FTA Z 5-6 Commodity Rate							
192	TGP FTA Fuel Charge % Z 5-6	3rd Rev Sheet No. 29						
193	TGP FTA Fuel * Percentage	ln 187 x ln 192						
194	<b>Total Volumetric Transportation Rate - Niagra Supply</b>							
195								
196								
197								

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1 ENERGY NORTH NATURAL GAS, INC.  
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3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Supply and Commodity Costs, Volumes and Rates

6 For Month of:	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Nov- Apr
7 (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
198								
199								
200 TGP Direct Volumetric Transportation Charge								Average Rate
201 Commodity Costs	Ln 114	\$0.7100	\$0.7428	\$0.7685	\$0.7737	\$0.7633	\$0.7498	\$0.7513
202								
203 TGP - Max Comm. Base Rate - Z 0-6	20th Rev Sheet No. 23A	\$0.01608	\$0.01608	\$0.01608	\$0.01608	\$0.01608	\$0.01608	\$0.01608
204 TGP - Max Commodity ACA Rate - Z 0-6	20th Rev Sheet No. 23A	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017
205 Subtotal TGP - Max Comm. Rate Z 0-6		\$0.01625	\$0.01625	\$0.01625	\$0.01625	\$0.01625	\$0.01625	\$0.01625
206 Prorated Percentage		32.60%	32.60%	32.60%	32.60%	32.60%	32.60%	32.60%
207 Prorated TGP - Max Commodity Rate - Z 0-6		\$0.00530	\$0.00530	\$0.00530	\$0.00530	\$0.00530	\$0.00530	\$0.00530
208 TGP - Max Comm. Base Rate - Z 1-6	20th Rev Sheet No. 23A	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503
209 TGP - Max Commodity ACA Rate - Z 1-6	20th Rev Sheet No. 23A	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017
210 Subtotal TGP - Max Commodity Rate - Z 1-6		\$0.01520	\$0.01520	\$0.01520	\$0.01520	\$0.01520	\$0.01520	\$0.01520
211 Prorated Percentage		67.40%	67.40%	67.40%	67.40%	67.40%	67.40%	67.40%
212 Prorated TGP - Trans Charge - Max Commodity Rate - Z 1-6		\$0.01024	\$0.01024	\$0.01024	\$0.01024	\$0.01024	\$0.01024	\$0.01024
213 TGP - Fuel Charge % - Z 0 -6	3rd Rev Sheet No. 29	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	8.50%
214 Prorated Percentage		32.6%	32.6%	32.6%	32.6%	32.6%	32.6%	32.6%
215 Prorated TGP Fuel Charge % - Z 0-6		2.84%	2.84%	2.84%	2.84%	2.84%	2.42%	2.77%
216 TGP - Fuel Charge % - Z 1 -6	3rd Rev Sheet No. 29	7.82%	7.82%	7.82%	7.82%	7.82%	6.67%	7.63%
217 Prorated Percentage		67.40%	67.40%	67.40%	67.40%	67.40%	67.40%	67.40%
218 Prorated TGP Fuel Charge - Fuel Charge % - Z 1-6		5.27%	5.27%	5.27%	5.27%	5.27%	4.50%	5.14%
219 TGP - Fuel Charge % - Z 0-6	In 201 x In 215	\$0.02016	\$0.02109	\$0.02182	\$0.02197	\$0.02167	\$0.01814	\$0.02081
220 TGP - Fuel Charge % - Z 1-6	In 201 x In 218	\$0.03742	\$0.03915	\$0.04050	\$0.04078	\$0.04023	\$0.03371	\$0.03863
221 Total Volumetric Transportation Rate - TGP (Direct)		\$0.07312	\$0.07578	\$0.07787	\$0.07829	\$0.07745	\$0.06739	\$0.07498
222								
223 TGP (Zone 6 Purchase) Volumetric Transportation Charge								
224 Commodity Costs	Ln 117	\$0.7100	\$0.7428	\$0.7685	\$0.7737	\$0.7633	\$0.7498	\$0.7513
225								
226 TGP - Max Comm. Base Rate - Z 6-6	20th Rev Sheet No. 23A	\$0.00642	\$0.00642	\$0.00642	\$0.00642	\$0.00642	\$0.00642	\$0.00642
227 TGP - Max Commodity ACA Rate - Z 6-6	20th Rev Sheet No. 23A	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017
228 Subtotal TGP - Max Commodity Rate - Z 4-6		\$0.00659	\$0.00659	\$0.00659	\$0.00659	\$0.00659	\$0.00659	\$0.00659
229 TGP - Fuel Charge % - Z 6-6	3rd Rev Sheet No. 29	0.89%	0.89%	0.89%	0.89%	0.89%	0.85%	0.88%
230 TGP - Fuel Charge	In 224 x In 229	\$0.00632	\$0.00661	\$0.00684	\$0.00689	\$0.00679	\$0.00637	\$0.00664
231 Total Vol. Trans. Rate - TGP (Zone 6)		\$0.01291	\$0.01320	\$0.01343	\$0.01348	\$0.01338	\$0.01296	\$0.01323
232								
233								
234 TGP Dracut								
235 Commodity Costs - NYMEX Price	Ln 111							
236								
237 TGP - Trans Charge - Comm. - Z 6-6	20th Rev Sheet No. 23A							
238 TGP - Trans Charge - ACA Rate - Z6-6	20th Rev Sheet No. 23A							
239 Subtotal TGP - Trans Charge - Max Commodity Rate - Z 6-6								
240 TGP - Fuel Charge % - Z 6-6	3rd Rev Sheet No. 29							
241 TGP - Fuel Charge	In 235 x In 240							
242 Total Volumetric Transportation Rate - TGP Dracut								
243								
244								

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**Iroquois Gas Transmission System, L.P.**  
**FERC Gas Tariff**  
**FIRST REVISED VOLUME NO. 1**

**Thirtieth Revised Sheet No. 4**  
*Currently Effective*  
**Superseding Twenty-Ninth Revised Sheet No. 4**

----- RATES (All in \$ Per Dth) -----							
	Minimum	Non-Settlement Recourse & Eastchester	Settlement Recourse Rates				
		Initial Rates 3/	----- Applicable to Non-Eastchester/Non-Contesting Shippers 2/ -----				
			Effective 1/1/2003	Effective 7/1/2004	Effective 1/1/2005	Effective 1/1/2006	Effective 1/1/2007
RTS DEMAND:							
Zone 1	\$0.0000	\$7.5637	\$7.5637	\$6.9586	\$6.8514	\$6.7788	\$6.5971
Zone 2	\$0.0000	\$6.4976	\$6.4976	\$5.9778	\$5.8857	\$5.8233	\$5.6673
Inter-Zone	\$0.0000	\$12.7150	\$12.7150	\$11.6978	\$11.5177	\$11.3956	\$11.0902
Zone 1 (MFV) 1/	\$0.0000	\$5.3607	\$5.3607	\$4.9318	\$4.8559	\$4.8044	\$4.6757
RTS COMMODITY:							
Zone 1	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030
Zone 2	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024
Inter-Zone	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054
Zone 1 (MFV) 1/	\$0.0300	\$0.1506	\$0.1506	\$0.1386	\$0.1364	\$0.1350	\$0.1314
ITS COMMODITY:							
Zone 1	\$0.0030	\$0.2517	\$0.2517	\$0.2318	\$0.2283	\$0.2259	\$0.2199
Zone 2	\$0.0024	\$0.2160	\$0.2160	\$0.1989	\$0.1959	\$0.1938	\$0.1887
Inter-Zone	\$0.0054	\$0.4234	\$0.4234	\$0.3900	\$0.3840	\$0.3800	\$0.3700
Zone 1 (MFV) 1/	\$0.0300	\$0.3268	\$0.3268	\$0.3007	\$0.2960	\$0.2929	\$0.2850
MAXIMUM VOLUMETRIC CAPACITY RELEASE RATE:							
Zone 1	\$0.0000	\$0.2487	\$0.2487	\$0.2288	\$0.2253	\$0.2229	\$0.2169
Zone 2	\$0.0000	\$0.2136	\$0.2136	\$0.1965	\$0.1935	\$0.1915	\$0.1863
Inter-Zone	\$0.0000	\$0.4180	\$0.4180	\$0.3846	\$0.3787	\$0.3746	\$0.3646
Zone 1 (MFV) 1/	\$0.0000	\$0.1762	\$0.1762	\$0.1621	\$0.1596	\$0.1580	\$0.1537

**\*\*SEE SHEET NO. 4A FOR ADJUSTMENTS TO RATES WHICH MAY BE APPLICABLE**

- 1/ As authorized pursuant to order of the Federal Energy Regulatory Commission, Docket Nos. RS92-17-003, et al., dated June 18, 1993 (63 FERC para. 61,285).
- 2/ Settlement Recourse Rates were established in Iroquois' Settlement dated August 29, 2003, which was approved by Commission order issued Oct. 24, 2003, in Docket No. RP03-589-000. That Settlement also established a moratorium on changes to the Settlement Rates until January 1, 2008, defines the Non-Eastchester/Non-Contesting parties to which it applies, and provides that Iroquois' TCRA will be terminated on July 1, 2004.
- 3/ See Sections 1.2 and 4.3 of the Settlement referenced in footnote 2. As directed by the Commission's January 30, 2004 Order in Docket No. RP04-136, the Eastchester Initial Rates apply for service to Eastchester Shippers prior to the July 1, 2004 effective date of the rates set forth on Sheet No. 4C.

Issued by: Jeffrey A. Bruner, Vice Pres., Gen Counsel & Secretary

Issued on: February 4, 2004

Filed to comply with order of the Federal Energy Regulatory Commission,  
Docket No. RP04-136-000, Issued January 30, 2004

**Effective: February 5, 2004**

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To the extent applicable, the following adjustments apply:

ACA ADJUSTMENT:

Commodity	0.0017
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DEFERRED ASSET SURCHARGE:

Commodity

Zone 1	0.0005
--------	--------

Zone 2	0.0003
--------	--------

Inter-Zone	0.0008
------------	--------

MEASUREMENT VARIANCE/FUEL USE FACTOR:

Minimum	0.00%
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Maximum (Non-Eastchester Shipper)	1.00%
-----------------------------------	-------

Maximum (Eastchester Shipper)	4.50%
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RATES PER DEKATHERM

COMMODITY RATES  
 RATE SCHEDULE FOR FT-A

=====

Base Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0439		\$0.0669	\$0.0880	\$0.0978	\$0.1118	\$0.1231	\$0.1608
L		\$0.0286						
1	\$0.0669		\$0.0572	\$0.0776	\$0.0874	\$0.1014	\$0.1126	\$0.1503
2	\$0.0880		\$0.0776	\$0.0433	\$0.0530	\$0.0681	\$0.0783	\$0.1159
3	\$0.0978		\$0.0874	\$0.0530	\$0.0366	\$0.0663	\$0.0765	\$0.1142
4	\$0.1129		\$0.1025	\$0.0681	\$0.0663	\$0.0401	\$0.0459	\$0.0834
5	\$0.1231		\$0.1126	\$0.0783	\$0.0765	\$0.0459	\$0.0427	\$0.0765
6	\$0.1608		\$0.1503	\$0.1159	\$0.1142	\$0.0834	\$0.0765	\$0.0642

Minimum  
 Commodity Rates 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0026		\$0.0096	\$0.0161	\$0.0191	\$0.0233	\$0.0268	\$0.0326
L		\$0.0034						
1	\$0.0096		\$0.0067	\$0.0129	\$0.0159	\$0.0202	\$0.0236	\$0.0294
2	\$0.0161		\$0.0129	\$0.0024	\$0.0054	\$0.0100	\$0.0131	\$0.0189
3	\$0.0191		\$0.0159	\$0.0054	\$0.0004	\$0.0095	\$0.0126	\$0.0184
4	\$0.0237		\$0.0205	\$0.0100	\$0.0095	\$0.0015	\$0.0032	\$0.0090
5	\$0.0268		\$0.0236	\$0.0131	\$0.0126	\$0.0032	\$0.0022	\$0.0069
6	\$0.0326		\$0.0294	\$0.0189	\$0.0184	\$0.0090	\$0.0069	\$0.0031

Maximum  
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0456		\$0.0686	\$0.0897	\$0.0995	\$0.1135	\$0.1248	\$0.1625
L		\$0.0303						
1	\$0.0686		\$0.0589	\$0.0793	\$0.0891	\$0.1031	\$0.1143	\$0.1520
2	\$0.0897		\$0.0793	\$0.0450	\$0.0547	\$0.0698	\$0.0800	\$0.1176
3	\$0.0995		\$0.0891	\$0.0547	\$0.0383	\$0.0680	\$0.0782	\$0.1159
4	\$0.1146		\$0.1042	\$0.0698	\$0.0680	\$0.0418	\$0.0476	\$0.0851
5	\$0.1248		\$0.1143	\$0.0800	\$0.0782	\$0.0476	\$0.0444	\$0.0782
6	\$0.1625		\$0.1520	\$0.1176	\$0.1159	\$0.0851	\$0.0782	\$0.0659

Notes:

-----

1/ The above maximum rates include a per Dth charge for:  
 (ACA) Annual Charge Adjustment

\$0.0017

2/ The applicable fuel retention percentages are listed on Sheet No. 29, provided that for service rendered solely by displacement, shipper shall render only the quantity of gas associated with losses of .5%.

RATES PER DEKATHERM

RATE SCHEDULE NET 284

Rate Schedule and Rate	Base Tariff	ADJUSTMENTS			Rate After Current	Fuel and
	Rate	(ACA)	(TCSM)	(PCB) 5/	Adjustments	Use
-----						
Demand Rate 1/, 5/						
-----						
Segment U	\$9.65			\$0.00	\$9.65	
Segment 1	\$1.33			\$0.00	\$1.33	
Segment 2	\$8.08			\$0.00	\$8.08	
Segment 3	\$5.07			\$0.00	\$5.07	
Segment 4	\$5.54			\$0.00	\$5.54	
Commodity Rate 2/, 3/						
-----						
Segments U, 1, 2, 3 & 4		\$0.0017			\$0.0017	6/
Extended Receipt and Delivery Rate 4/, 7/						
-----						
Segment U	\$0.3173				\$0.3173	5.52%
Segment 1	\$0.0437				\$0.0437	0.69%
Segment 2	\$0.2656				\$0.2656	0.59%
Segment 3	\$0.1667				\$0.1667	0.73%
Segment 4	\$0.1821				\$0.1821	0.36%

Notes:

- 1/ A specific customer's Monthly Demand Rate is dependent upon the location of its points of receipt and delivery, and is to be determined by summing the Monthly Demand Rate components for those pipeline segments connecting said points.
- 2/ The applicable surcharges for ACA and TCSM will be assessed on actual quantities delivered and are not dependent upon the location of points of receipt and delivery.
- 3/ The Incremental Pressure Charge associated with service to MassPower shall be \$0.0334 plus an additional Incremental Fuel Charge of 5.83%.
- 4/ Rates are subject to negotiation pursuant to the terms of the Rate Schedule for NET 284.
- 5/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 6/ The applicable fuel retention percentages are listed on Sheet No. 220A.
- 7/ The Extended Receipt and Delivery Rates are additive for each segment outside of the segments under Shipper's base NET-284 contract.

RATES PER DEKATHERM				
STORAGE SERVICE				
=====				
Rate Schedule	Tariff	ADJUSTMENTS		Current
and Rate	Rate	(ACA)	(TCSM) (PCB) 2/	Adjustment
-----	-----	-----	-----	-----
FIRM STORAGE SERVICE (FS) -				
PRODUCTION AREA				
=====				
Deliverability Rate	\$2.02		\$0.00	\$2.02
Space Rate	\$0.0248		\$0.0000	\$0.0248
Injection Rate	\$0.0053			\$0.0053
Withdrawal Rate	\$0.0053			\$0.0053
Overrun Rate	\$0.2427			\$0.2427
FIRM STORAGE SERVICE (FS) -				
MARKET AREA				
=====				
Deliverability Rate	\$1.15		\$0.00	\$1.15
Space Rate	\$0.0185		\$0.0000	\$0.0185
Injection Rate	\$0.0102			\$0.0102
Withdrawal Rate	\$0.0102			\$0.0102
Overrun Rate	\$0.1380			\$0.1380
INTERRUPTIBLE STORAGE SERVICE				
(IS) - MARKET AREA				
=====				
Space Rate	\$0.0848		\$0.0000	\$0.0848
Injection Rate	\$0.0102			\$0.0102
Withdrawal Rate	\$0.0102			\$0.0102
INTERRUPTIBLE STORAGE SERVICE				
(IS) - PRODUCTION AREA				
=====				
Space Rate	\$0.0993		\$0.0000	\$0.0993
Injection Rate	\$0.0053			\$0.0053
Withdrawal Rate	\$0.0053			\$0.0053
1/ The quantity of gas associated with losses is 0.5%.				
2/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000,				
was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the				
Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29,				
1995 and February 20, 1996.				

FUEL AND LOSS RETENTION PERCENTAGE 1\,2\,3\  
 =====

NOVEMBER - MARCH

RECEIPT ZONE	Delivery Zone							
	0	L	1	2	3	4	5	6
0	0.89%		2.79%	5.16%	5.88%	6.79%	7.88%	8.71%
L		1.01%						
1	1.74%		1.91%	4.28%	4.99%	5.90%	6.99%	7.82%
2	4.59%		2.13%	1.43%	2.15%	3.05%	4.15%	4.98%
3	6.06%		3.60%	1.23%	0.69%	2.64%	3.69%	4.52%
4	7.43%		4.97%	2.68%	3.07%	1.09%	1.33%	2.17%
5	7.51%		5.05%	2.76%	3.14%	1.16%	1.28%	2.09%
6	8.93%		6.47%	4.18%	4.56%	2.50%	1.40%	0.89%

APRIL - OCTOBER

RECEIPT ZONE	Delivery Zone							
	0	L	1	2	3	4	5	6
0	0.84%		2.44%	4.43%	5.04%	5.80%	6.72%	7.42%
L		0.95%						
1	1.56%		1.70%	3.69%	4.29%	5.06%	5.97%	6.67%
2	3.95%		1.88%	1.30%	1.90%	2.66%	3.58%	4.28%
3	5.19%		3.12%	1.13%	0.67%	2.32%	3.19%	3.90%
4	6.34%		4.28%	2.35%	2.67%	1.01%	1.21%	1.92%
5	6.41%		4.34%	2.41%	2.74%	1.07%	1.17%	1.86%
6	7.61%		5.53%	3.61%	3.93%	2.20%	1.27%	0.85%

- 1\ Included in the above Fuel and Loss Retention Percentages is the quantity of gas associated with losses of 0.5%.
- 2\ For service that is rendered entirely by displacement shipper shall render only the quantity of gas associated with losses of 0.5%.
- 3\ The above percentages are applicable to (IT) Interruptible Transportation, (FT-A) Firm Transportation, (FT-GS) Firm Transportation-GS, (PAT) Preferred Access Transportation, (IT-X) Interruptible Transportation-X, (FT-G) Firm Transportation-G.



NET-284 RATE SCHEDULE (continued)

Shipper	Transportation Quantity (Dth)	Segments					Fuel and Use
		U	1	2	3	4	
Bay State (from Granite)	3,706				*	*	1.26%
- Pleasant St.							
Bay State (from Granite)	6,068				*		0.96%
- Agawam							
Boston Gas	35,000				*	*	1.31%
Boston Gas	8,600				*	*	1.31%
Dartmouth Power	14,010				*	*	1.23%
EnergyNorth Natural	4,000				*	*	1.54%
Gas, Inc.							
Essex County Gas Company	2,000				*	*	1.44%
Iroquois (Connecticut	37,000				*		0.68%
Natural, Yankee Gas)							
Lockport Energy	28,000	*	*				6.21%
Associates							
Northern Utilities	844				*	*	1.26%
(from Granite) Pleasant St.							
Northern Utilities	1,382				*		0.96%
(from Granite) Agawam							
Project Orange	20,000		*	*			1.28%
Valley Gas Company	1,000				*	*	1.25%
Yankee Gas (Wright)	9,000				*		1.07%
Total	170,610						

# Canadian and Export Transportation Tolls

## Approved 2008 Final Tolls

(Final Tolls are unchanged from the effective June Approved Interim Tolls)

Line No	Particulars	Demand Toll (\$/GJ/mo)	Commodity Toll (\$/GJ)	100% LF Toll (\$/GJ)
	(a)	(b)	(c)	(d)
<b>Canadian Firm Transportation</b>				
1	Saskatchewan Zone	6.23698	0.01969	0.22418
2	Manitoba Zone	12.28548	0.03684	0.43964
3	Western Zone	20.07405	0.06391	0.72208
4	Northern Zone	30.41993	0.09601	1.09338
5	North Bay Junction	33.33775	0.10736	1.20040
6	Eastern Zone	38.93622	0.12339	1.39999
7	Southwest Zone	33.37110	0.10747	1.20160
<b>Export Firm Transportation</b>				
8	Empress to Emerson	13.91324	0.04241	0.49858
9	Empress to St. Clair	33.33105	0.10733	1.20015
10	Empress to Chippawa	37.64493	0.12015	1.35441
11	Empress to Niagara Falls	37.61530	0.12005	1.35334
12	Empress to Iroquois	38.67452	0.12520	1.39322
13	Empress to Cornwall	39.30207	0.12701	1.41560
14	Empress to Philipsburg	41.46266	0.13423	1.49366
15	Empress to Napierville	41.24620	0.13351	1.48584
16	Empress to East Hereford	43.75566	0.14190	1.57651
<b>Shorthaul Firm Transportation</b>				
17	Emerson to Union Gas - CDA	23.79583	0.07533	0.85552
18	Emerson to Niagara	24.66575	0.07836	0.88707
19	Emerson to Chippawa	24.69537	0.07846	0.88814
20	Dawn to Enbridge Gas - CDA	4.86708	0.01215	0.17173
21	Dawn to Enbridge Gas - EDA	9.85413	0.02893	0.35202
22	Dawn to Union Gas - CDA	4.08382	0.00943	0.14333
23	Dawn to Union Gas - EDA	8.09049	0.02304	0.28830
24	Dawn to Gaz Métropolitain - EDA	11.76913	0.03554	0.42141
25	Dawn to Iroquois	9.32811	0.02709	0.33293
26	Dawn to Niagara	4.95188	0.01245	0.17481
27	Dawn to Chippawa	4.98151	0.01255	0.17588
28	Dawn to East Hereford	14.26916	0.04360	0.51144
29	Dawn to Philipsburg	11.97616	0.03594	0.42860
30	Kirkwall to Chippawa	2.64252	0.00473	0.09137
31	Parkway to Union Gas- EDA	5.27656	0.01363	0.18663
32	Parkway to Iroquois	6.51542	0.01768	0.23130
33	Parkway to Enbridge Gas - CDA	2.16907	0.00312	0.07424
34	Parkway to Gaz Métropolitain - EDA	8.95644	0.02613	0.31978
35	Parkway to Philipsburg	9.16348	0.02653	0.32697
36	St. Clair to Union SWDA	1.26791	0.00014	0.04171
37	St. Clair to Chippawa	5.27694	0.01354	0.18655
38	St. Clair to East Hereford	14.56459	0.04459	0.52212

\* All tolls are expressed and payable in Canadian Dollars.

## TransCanada Fuel Ratios

### November-2007

Pressure Point	Pressure (%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

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For fuel ratios or bid tolls questions please contact Peter Exall (1.403.920.5398).

Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.2695	1.44	0.96

### December-2007

Pressure Point	Pressure (%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

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For fuel ratios or bid tolls questions please contact Peter Exall (1.403.920.5398).

Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.2695	1.39	0.91

### January-2008

Pressure Point	Pressure (%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

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For fuel ratios or bid tolls questions please contact Gordon Betts (403.920.6834).

Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.2828	1.53	1.05

### February-2008

Pressure Point	Pressure (%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

This page is maintained by Graham Gent (1.403.920.6846).

For fuel ratios or bid tolls questions please contact Gordon Betts (1.403.920.6834).

Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.2828	1.19	0.71

### March-2008

Pressure Point	Pressure (%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

This page is maintained by Graham Gent (1.403.920.6846).

For fuel ratios or bid tolls questions please contact Peter Exall (1.403.920.5398).

Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.2828	1.49	1.01

### April-2008

Pressure Point	Pressure (%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

This page is maintained by Graham Gent (1.403.920.6846).

For fuel ratios or bid tolls questions please contact J.C. Vito (1.403.920.7235).

Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.3428	1.05	0.57

1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 NYMEX Futures @ Henry Hub and Hedged Contracts

6 For Month of:	(a)	Reference (b)	Nov-08 (c)	Dec-08 (d)	Jan-09 (e)	Feb-09 (f)	Mar-09 (g)	Apr-09 (h)	Peak Strip Average (i)
8 I. NYMEX Opening Prices as of:									
9		Opening Prices (15 day average)							
10		NYMEX 9/25 -10/15	7.0998	7.4281	7.6847	7.7370	7.6331	7.4978	\$ 7.5134
11		11/26/2008							
12		12/24/2008							
13		1/25/2009							
14		2/25/2009							
15		3/25/2009							

18 II. Development of Hedging Costs and Savings

20 TGP (Direct) Volumes									Total
21 Hedged Volumes (Dth)	In 103		600,000	955,000	1,080,000	1,020,000	755,000	660,000	5,070,000
22 Market Priced Volumes (Dth)			496,152	577,001	484,606	381,579	173,802	320,232	2,433,371
23 Total Volumes (Dth)	Sch 6, Ins 62 - 67 / 10		1,096,152	1,532,001	1,564,606	1,401,579	928,802	980,232	7,503,371
24 Percentage of Volumes Hedged	In 21 / In 23		59%	61%	68%	75%	78%	68%	67.6%
25									Weighted Average
26 Hedge Price	In 236		\$ 9.3573	\$ 9.6821	\$ 9.8939	\$ 9.8923	\$ 9.6976	\$ 8.6158	\$ 9.5946
27 NYMEX Price	In 10		\$ 7.0998	\$ 7.4281	\$ 7.6847	\$ 7.7370	\$ 7.6331	\$ 7.4978	\$ 7.5456
28									
29 Hedged Volumes at Hedged Price	In 21 * In 26		\$ 5,614,383	\$ 9,246,434	\$ 10,685,426	\$ 10,090,160	\$ 7,321,678	\$ 5,686,456	\$ 48,644,537
30 Less Hedged Volumes at NYMEX	In 22 * In 27		4,259,880	7,093,804	8,299,440	7,891,740	5,763,016	4,948,548	38,256,427
31									
32 Hedge Contract (Savings)/Loss	In 29 - In 30		\$ 1,354,503	\$ 2,152,631	\$ 2,385,986	\$ 2,198,420	\$ 1,558,662	\$ 737,908	\$ 10,388,110

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filings  
4 NYMEX Futures @ Henry Hub and Hedged Contracts

5	6 For Month of:	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Strip Average
7	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
39	Hedged Volumes (Dth)								
41	Hedge # 1	Trade Date 4-May-07 Swaps							
42	Hedge # 2	Trade Date 4-May-07 Swaps							
43	Hedge # 3	Trade Date 18-May-07 Swaps							
44	Hedge # 4	Trade Date 18-May-07 Swaps							
45	Hedge # 5	Trade Date 8-Jun-07 Swaps							
46	Hedge # 6	Trade Date 8-Jun-07 Swaps							
47	Hedge # 7	Trade Date 22-Jun-07 Swaps							
48	Hedge # 8	Trade Date 22-Jun-07 Swaps							
49	Hedge # 9	Trade Date 9-Jul-07 Swaps							
50	Hedge # 10	Trade Date 9-Jul-07 Swaps							
51	Hedge # 11	Trade Date 20-Jul-07 Swaps							
52	Hedge # 12	Trade Date 20-Jul-07 Swaps							
53	Hedge # 13	Trade Date 3-Aug-07 Swaps							
54	Hedge # 14	Trade Date 3-Aug-07 Swaps							
55	Hedge # 15	Trade Date 17-Aug-07 Swaps							
56	Hedge # 16	Trade Date 17-Aug-07 Swaps							
57	Hedge # 17	Trade Date 7-Sep-07 Swaps							
58	Hedge # 18	Trade Date 7-Sep-07 Swaps							
59	Hedge # 19	Trade Date 21-Sep-07 Swaps							
60	Hedge # 20	Trade Date 21-Sep-07 Swaps							
61	Hedge # 21	Trade Date 5-Oct-07 Swaps							
62	Hedge # 22	Trade Date 5-Oct-07 Swaps							
63	Hedge # 23	Trade Date 19-Oct-07 Swaps							
64	Hedge # 24	Trade Date 19-Oct-07 Swaps							
65	Hedge # 25	Trade Date 2-Nov-07 Swaps							
66	Hedge # 26	Trade Date 2-Nov-07 Swaps							
67	Hedge # 27	Trade Date 16-Nov-07 Swaps							
68	Hedge # 28	Trade Date 16-Nov-07 Swaps							
69	Hedge # 29	Trade Date 7-Dec-07 Swaps							
70	Hedge # 30	Trade Date 7-Dec-07 Swaps							
71	Hedge # 31	Trade Date 21-Dec-07 Swaps							
72	Hedge # 32	Trade Date 21-Dec-07 Swaps							
73	Hedge # 33	Trade Date 11-Jan-08 Swaps							
74	Hedge # 34	Trade Date 11-Jan-08 Swaps							
75	Hedge # 35	Trade Date 25-Jan-08 Swaps							
76	Hedge # 36	Trade Date 25-Jan-08 Swaps							
77	Hedge # 37	Trade Date 11-Feb-08 Swaps							
78	Hedge # 38	Trade Date 11-Feb-08 Swaps							
79	Hedge # 39	Trade Date 22-Feb-08 Swaps							
80	Hedge # 40	Trade Date 22-Feb-08 Swaps							
81	Hedge # 41	Trade Date 7-Mar-08 Swaps							
82	Hedge # 42	Trade Date 7-Mar-08 Swaps							
83	Hedge # 43	Trade Date 20-Mar-08 Swaps							
84	Hedge # 44	Trade Date 20-Mar-08 Swaps							
85	Hedge # 45	Trade Date 4-Apr-08 Swaps							
86	Hedge # 46	Trade Date 4-Apr-08 Swaps							
87	Hedge # 47	Trade Date 18-Apr-08 Swaps							
88	Hedge # 48	Trade Date 2-May-08 Swaps							
89	Hedge # 49	Trade Date 2-May-08 Swaps							
90	Hedge # 50	Trade Date 16-May-08 Swaps							
91	Hedge # 51	Trade Date 16-May-08 Swaps							
92	Hedge # 52	Trade Date 6-Jun-08 Swaps							
93	Hedge # 53	Trade Date 6-Jun-08 Swaps							
94	Hedge # 54	Trade Date 20-Jun-08 Swaps							
95	Hedge # 55	Trade Date 20-Jun-08 Swaps							
96	Hedge # 56	Trade Date 11-Jul-08 Swaps							
97	Hedge # 57	Trade Date 25-Jul-08 Swaps							
98	Hedge # 58	Trade Date 8-Aug-08 Swaps							
99	Hedge # 59	Trade Date 25-Aug-08 Swaps							
100									
101	Subtotal Hedge Volumes		570,000	905,000	1,000,000	960,000	705,000	640,000	4,780,000
102	Remaining		30,000	50,000	80,000	60,000	50,000	20,000	290,000
103	Total Volumes		600,000	955,000	1,080,000	1,020,000	755,000	660,000	5,070,000

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filings  
4 NYMEX Futures @ Henry Hub and Hedged Contracts

5	6 For Month of:	7	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Strip Average
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Weighted Avera
105	Strike Price									
106	Hedge # 1	Trade Date	4-May-07	Swaps						
107	Hedge # 2	Trade Date	4-May-07	Swaps						
108	Hedge # 3	Trade Date	18-May-07	Swaps						
109	Hedge # 4	Trade Date	18-May-07	Swaps						
110	Hedge # 5	Trade Date	8-Jun-07	Swaps						
111	Hedge # 6	Trade Date	8-Jun-07	Swaps						
112	Hedge # 7	Trade Date	22-Jun-07	Swaps						
113	Hedge # 8	Trade Date	22-Jun-07	Swaps						
114	Hedge # 9	Trade Date	9-Jul-07	Swaps						
115	Hedge # 10	Trade Date	9-Jul-07	Swaps						
116	Hedge # 11	Trade Date	20-Jul-07	Swaps						
117	Hedge # 12	Trade Date	20-Jul-07	Swaps						
118	Hedge # 13	Trade Date	3-Aug-07	Swaps						
119	Hedge # 14	Trade Date	3-Aug-07	Swaps						
120	Hedge # 15	Trade Date	17-Aug-07	Swaps						
121	Hedge # 16	Trade Date	17-Aug-07	Swaps						
122	Hedge # 17	Trade Date	7-Sep-07	Swaps						
123	Hedge # 18	Trade Date	7-Sep-07	Swaps						
124	Hedge # 19	Trade Date	21-Sep-07	Swaps						
125	Hedge # 20	Trade Date	21-Sep-07	Swaps						
126	Hedge # 21	Trade Date	5-Oct-07	Swaps						
127	Hedge # 22	Trade Date	5-Oct-07	Swaps						
128	Hedge # 23	Trade Date	19-Oct-07	Swaps						
129	Hedge # 24	Trade Date	19-Oct-07	Swaps						
130	Hedge # 25	Trade Date	2-Nov-07	Swaps						
131	Hedge # 26	Trade Date	2-Nov-07	Swaps						
132	Hedge # 27	Trade Date	16-Nov-07	Swaps						
133	Hedge # 28	Trade Date	16-Nov-07	Swaps						
134	Hedge # 29	Trade Date	7-Dec-07	Swaps						
135	Hedge # 30	Trade Date	7-Dec-07	Swaps						
136	Hedge # 31	Trade Date	21-Dec-07	Swaps						
137	Hedge # 32	Trade Date	21-Dec-07	Swaps						
138	Hedge # 33	Trade Date	11-Jan-08	Swaps						
139	Hedge # 34	Trade Date	11-Jan-08	Swaps						
140	Hedge # 35	Trade Date	25-Jan-08	Swaps						
141	Hedge # 36	Trade Date	25-Jan-08	Swaps						
142	Hedge # 37	Trade Date	11-Feb-08	Swaps						
143	Hedge # 38	Trade Date	11-Feb-08	Swaps						
144	Hedge # 39	Trade Date	22-Feb-08	Swaps						
145	Hedge # 40	Trade Date	22-Feb-08	Swaps						
146	Hedge # 41	Trade Date	7-Mar-08	Swaps						
147	Hedge # 42	Trade Date	7-Mar-08	Swaps						
148	Hedge # 43	Trade Date	20-Mar-08	Swaps						
149	Hedge # 44	Trade Date	20-Mar-08	Swaps						
150	Hedge # 45	Trade Date	4-Apr-08	Swaps						
151	Hedge # 46	Trade Date	4-Apr-08	Swaps						
152	Hedge # 47	Trade Date	18-Apr-08	Swaps						
153	Hedge # 48	Trade Date	2-May-08	Swaps						
154	Hedge # 49	Trade Date	2-May-08	Swaps						
155	Hedge # 50	Trade Date	16-May-08	Swaps						
156	Hedge # 51	Trade Date	16-May-08	Swaps						
157	Hedge # 52	Trade Date	6-Jun-08	Swaps						
158	Hedge # 53	Trade Date	6-Jun-08	Swaps						
159	Hedge # 54	Trade Date	20-Jun-08	Swaps						
160	Hedge # 55	Trade Date	20-Jun-08	Swaps						
161	Hedge # 56	Trade Date	11-Jul-08	Swaps						
162	Hedge # 57	Trade Date	25-Jul-08	Swaps						
163	Hedge # 58	Trade Date	8-Aug-08	Swaps						
164	Hedge # 59	Trade Date	25-Aug-08	Swaps						
165										
166	Subtotal Weighthed Average Hedge Prices			\$9.4761	\$9.8067	\$10.0707	\$10.0270	\$9.8440	\$8.6508	9.7175
167	NYMEX			\$7.0998	\$7.4281	\$7.6847	\$7.7370	\$7.6331	\$7.4978	7.5690
168										
169										

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filings  
4 NYMEX Futures @ Henry Hub and Hedged Contracts

5	6 For Month of:	7	Reference	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	Strip Average
										(i)
170	Hedge Dollars									
171	Hedge # 1	Trade Date	4-May-07							
172	Hedge # 2	Trade Date	4-May-07							
173	Hedge # 3	Trade Date	18-May-07							
174	Hedge # 4	Trade Date	18-May-07							
175	Hedge # 5	Trade Date	8-Jun-07							
176	Hedge # 6	Trade Date	8-Jun-07							
177	Hedge # 7	Trade Date	22-Jun-07							
178	Hedge # 8	Trade Date	22-Jun-07							
179	Hedge # 9	Trade Date	9-Jul-07							
180	Hedge # 10	Trade Date	9-Jul-07							
181	Hedge # 11	Trade Date	20-Jul-07							
182	Hedge # 12	Trade Date	20-Jul-07							
183	Hedge # 13	Trade Date	3-Aug-07							
184	Hedge # 14	Trade Date	3-Aug-07							
185	Hedge # 15	Trade Date	17-Aug-07							
186	Hedge # 16	Trade Date	17-Aug-07							
187	Hedge # 17	Trade Date	7-Sep-07							
188	Hedge # 18	Trade Date	7-Sep-07							
189	Hedge # 19	Trade Date	21-Sep-07							
190	Hedge # 20	Trade Date	21-Sep-07							
191	Hedge # 21	Trade Date	5-Oct-07							
192	Hedge # 22	Trade Date	5-Oct-07							
193	Hedge # 23	Trade Date	19-Oct-07							
194	Hedge # 24	Trade Date	19-Oct-07							
195	Hedge # 25	Trade Date	2-Nov-07							
196	Hedge # 26	Trade Date	2-Nov-07							
197	Hedge # 27	Trade Date	16-Nov-07							
198	Hedge # 28	Trade Date	16-Nov-07							
199	Hedge # 29	Trade Date	7-Dec-07							
200	Hedge # 30	Trade Date	7-Dec-07							
201	Hedge # 31	Trade Date	21-Dec-07							
202	Hedge # 32	Trade Date	21-Dec-07							
203	Hedge # 33	Trade Date	11-Jan-08							
204	Hedge # 34	Trade Date	11-Jan-08							
205	Hedge # 35	Trade Date	25-Jan-08							
206	Hedge # 36	Trade Date	25-Jan-08							
207	Hedge # 37	Trade Date	11-Feb-08							
208	Hedge # 38	Trade Date	11-Feb-08							
209	Hedge # 39	Trade Date	22-Feb-08							
210	Hedge # 40	Trade Date	22-Feb-08							
211	Hedge # 41	Trade Date	7-Mar-08							
212	Hedge # 42	Trade Date	7-Mar-08							
213	Hedge # 43	Trade Date	20-Mar-08							
214	Hedge # 44	Trade Date	20-Mar-08							
215	Hedge # 45	Trade Date	4-Apr-08							
216	Hedge # 46	Trade Date	4-Apr-08							
217	Hedge # 47	Trade Date	18-Apr-08							
218	Hedge # 48	Trade Date	2-May-08							
219	Hedge # 49	Trade Date	2-May-08							
220	Hedge # 50	Trade Date	16-May-08							
221	Hedge # 51	Trade Date	16-May-08							
222	Hedge # 52	Trade Date	6-Jun-08							
223	Hedge # 53	Trade Date	6-Jun-08							
224	Hedge # 54	Trade Date	20-Jun-08							
225	Hedge # 55	Trade Date	20-Jun-08							
226	Hedge # 56	Trade Date	11-Jul-08							
227	Hedge # 57	Trade Date	25-Jul-08							
228	Hedge # 58	Trade Date	8-Aug-08							
229	Hedge # 59	Trade Date	25-Aug-08							
230										
231	Subtotal Hedge Dollars			\$5,401,389	\$8,875,031	\$10,070,653	\$9,625,940	\$6,940,021	\$5,536,500	\$46,449,534
232	Remaining			212,994	371,403	614,773	464,220	381,657	149,956	2,195,003
233										
234	Target Hedged Dollars			\$5,614,383	\$9,246,434	\$10,685,426	\$10,090,160	\$7,321,678	\$5,686,456	\$48,644,537
235										
236	Weighted Average Hedged Cost per Unit			\$9.3573	\$9.6821	\$9.8939	\$9.8923	\$9.6976	\$8.6158	\$9.5946

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Annual Bill Comparisons, Nov 07 - Apr 08 vs Nov 08 - Apr 09 - Residential Heating Rate R-3  
5  
6  
7 November 1, 2008 - April 30, 2009  
8 Residential Heating (R3)

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Winter Nov-Apr
Typical Usage (Therms)	109	150	187	188	166	132	932
Winter:							
Cust. Chg \$11.46	\$11.46	\$11.46	\$11.46	\$11.46	\$11.46	\$11.46	\$68.76
Headblock \$0.3356	\$33.56	\$33.56	\$33.56	\$33.56	\$33.56	\$33.56	\$201.36
Tailblock \$0.1950	\$1.76	\$9.75	\$16.97	\$17.16	\$12.87	\$6.24	\$64.74
HB Threshold 100							
Summer:							
Cust. Chg \$11.46							
Headblock \$0.3356							
Tailblock \$0.1950							
HB Threshold 20							
Total Base Rate Amount	\$46.78	\$54.77	\$61.99	\$62.18	\$57.89	\$51.26	\$334.86
CGA Rate - (Seasonal)	\$1.1837	\$1.1837	\$1.1837	\$1.1837	\$1.1837	\$1.1837	\$1.1837
CGA amount	\$129.02	\$177.56	\$221.35	\$222.54	\$196.49	\$156.25	\$1,103.21
LDAC	\$0.0260	\$0.0260	\$0.0260	\$0.0260	\$0.0260	\$0.0260	0.0260
LDAC amount	\$2.83	\$3.90	\$4.86	\$4.89	\$4.32	\$3.43	\$24.23
Total Bill	\$178.63	\$236.23	\$288.20	\$289.60	\$258.70	\$210.94	\$1,462.30

35 NOVEMBER 1, 2007 - April 30, 2008  
36 Residential Heating (R3)

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Winter Nov-Apr
Typical Usage (Therms)	109	150	187	188	166	132	932
Winter:							
Cust. Chg \$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$59.28
Headblock \$0.2945	29.45	29.45	29.45	29.45	29.45	29.45	\$176.70
Tailblock \$0.1711	\$1.54	\$8.56	\$14.89	\$15.06	\$11.29	\$5.48	\$56.81
HB Threshold 100							
Summer:							
Cust. Chg \$9.88							
Headblock \$0.2945							
Tailblock \$0.1711							
HB Threshold 20							
Total Base Rate Amount	\$40.87	\$47.89	\$54.22	\$54.39	\$50.62	\$44.81	\$292.79
CGA Rate - (Seasonal)	\$1.1843	\$1.1666	\$1.1325	\$1.1478	\$1.1700	\$1.2792	\$1.1746
CGA amount	\$129.09	\$174.99	\$211.78	\$215.79	\$194.22	\$168.85	\$1,094.72
LDAC	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	0.0192
LDAC amount	\$2.09	\$2.88	\$3.59	\$3.61	\$3.19	\$2.53	\$17.89
Total Bill	\$172.05	\$225.76	\$269.58	\$273.78	\$248.03	\$216.19	\$1,405.40

63 DIFFERENCE:

Total Bill	\$6.58	\$10.47	\$18.62	\$15.82	\$10.67	(\$5.25)	\$56.90
% Change	3.82%	4.64%	6.91%	5.78%	4.30%	-2.43%	4.05%
Base Rate	\$5.91	\$6.89	\$7.77	\$7.79	\$7.27	\$6.45	\$42.07
% Change	14.45%	14.38%	14.33%	14.33%	14.36%	14.41%	14.37%
CGA & LDAC	\$0.68	\$3.59	\$10.85	\$8.03	\$3.40	(\$11.71)	\$14.83
% Change	0.52%	2.05%	5.12%	3.72%	1.75%	-6.93%	1.35%

May 1, 2008 - October 31, 2008

May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Summer May-Oct	Total Nov-Oct
90	55	30	30	42	71	318	1,250
\$9.88	\$9.88	\$9.88	\$10.25	\$11.46	\$11.46	\$62.81	\$131.57
\$5.89	\$5.89	\$5.89	\$6.08	\$6.71	\$6.71	\$37.18	\$238.54
\$11.98	\$5.99	\$1.71	\$1.77	\$4.29	\$9.95	\$35.68	\$100.42
\$27.75	\$21.76	\$17.48	\$18.10	\$22.46	\$28.12	\$135.66	\$470.52
\$1.1870	\$1.3902	\$1.4244	\$1.4628	\$1.1702	\$1.1702	\$1.2646	\$1.2043
\$106.83	\$76.46	\$42.73	\$43.88	\$49.15	\$83.08	\$402.14	\$1,505.35
\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0243
\$1.73	\$1.06	\$0.58	\$0.58	\$0.81	\$1.36	\$6.11	\$30.34
\$136.31	\$99.28	\$60.79	\$62.56	\$72.42	\$112.56	\$543.91	\$2,006.21

May 1, 2007 - October 31, 2007

May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Summer May-Oct	Total Nov-Oct
90	55	30	30	42	71	318	1,250
\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$59.28	\$118.56
\$5.89	\$5.89	\$5.89	\$5.89	\$5.89	\$5.89	\$35.34	\$212.04
\$11.98	\$5.99	\$1.71	\$1.71	\$3.76	\$8.73	\$33.88	\$90.68
\$27.75	\$21.76	\$17.48	\$17.48	\$19.53	\$24.50	\$128.50	\$421.28
\$1.0388	\$1.0775	\$1.0352	\$0.8972	\$0.8522	\$0.9057	\$0.9774	\$1.1244
\$93.49	\$59.26	\$31.06	\$26.92	\$35.79	\$64.30	\$310.82	\$1,405.54
\$0.0394	\$0.0394	\$0.0394	\$0.0394	\$0.0394	\$0.0394	\$0.0394	\$0.0243
\$3.55	\$2.17	\$1.18	\$1.18	\$1.65	\$2.80	\$12.53	\$30.42
\$124.79	\$83.19	\$49.72	\$45.58	\$56.98	\$91.60	\$451.85	\$1,857.25

\$11.52	\$16.09	\$11.07	\$16.98	\$15.44	\$20.97	\$92.06	\$148.96
9.23%	19.34%	22.27%	37.25%	27.09%	22.89%	20.37%	8.02%
\$0.00	\$0.00	\$0.00	\$0.62	\$2.93	\$3.62	\$7.16	\$49.24
0.00%	0.00%	0.00%	3.53%	14.99%	14.78%	5.58%	11.69%
\$11.52	\$16.09	\$11.07	\$16.36	\$12.51	\$17.35	\$84.89	\$99.72
12.32%	27.15%	35.65%	60.79%	34.94%	26.97%	27.31%	7.09%

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Annual Bill Comparisons, Nov 07 - Apr 08 vs Nov 08 - Apr 09 - Commercial Rate G-41  
5  
6  
7 November 1, 2008 - April 30, 2009  
8 Commercial Rate (G-41)

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Winter Nov-Apr
Typical Usage (Therms)	193	269	298	262	234	171	1,427
Winter:							
Cust. Chg	\$28.58	\$28.58	\$28.58	\$28.58	\$28.58	\$28.58	\$171.48
Headblock	\$0.3732	\$37.32	\$37.32	\$37.32	\$37.32	\$37.32	\$223.92
Tailblock	\$0.2427	\$22.57	\$41.02	\$48.05	\$39.32	\$17.23	\$200.71
HB Threshold	100						
Summer:							
Cust. Chg	\$28.58						
Headblock	\$0.3732						
Tailblock	\$0.2427						
HB Threshold	20						
Total Base Rate Amount	\$88.47	\$106.92	\$113.95	\$105.22	\$98.42	\$83.13	\$596.11
CGA Rate - (Seasonal)	\$1.1839	\$1.1839	\$1.1839	\$1.1839	\$1.1839	\$1.1839	\$1.1839
CGA amount	\$228.49	\$318.47	\$352.80	\$310.18	\$277.03	\$202.45	\$1,689.43
LDAC	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	0.0278
LDAC amount	\$5.37	\$7.48	\$8.28	\$7.28	\$6.51	\$4.75	\$39.67
Total Bill	\$322.33	\$432.86	\$475.04	\$422.68	\$381.96	\$290.33	\$2,325.21

NOVEMBER 1, 2007 - April 31, 2008  
Commercial Rate (G-41)

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Winter Nov-Apr
Typical Usage (Therms)	193	269	298	262	234	171	1,427
Winter:							
Cust. Chg	\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$147.84
Headblock	\$0.3275	32.75	32.75	32.75	32.75	32.75	\$196.50
Tailblock	\$0.2130	\$19.81	\$36.00	\$42.17	\$34.51	\$15.12	\$176.15
HB Threshold	100						
Summer:							
Cust. Chg	\$24.64						
Headblock	\$0.3275						
Tailblock	\$0.2130						
HB Threshold	20						
Total Base Rate Amount	\$77.20	\$93.39	\$99.56	\$91.90	\$85.93	\$72.51	\$520.49
CGA Rate - (Seasonal)	\$1.1844	\$1.1667	\$1.1326	\$1.1479	\$1.1701	\$1.2793	\$1.1726
CGA amount	\$228.59	\$313.84	\$337.51	\$300.75	\$273.80	\$218.76	\$1,673.26
LDAC	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	0.0101
LDAC amount	\$1.95	\$2.72	\$3.01	\$2.65	\$2.36	\$1.73	\$14.41
Total Bill	\$307.74	\$409.95	\$440.09	\$395.29	\$362.10	\$293.00	\$2,208.16

DIFFERENCE:

Total Bill	\$14.59	\$22.92	\$34.95	\$27.39	\$19.86	(\$2.67)	\$117.05
% Change	4.74%	5.59%	7.94%	6.93%	5.48%	-0.91%	5.30%
Base Rate	\$11.27	\$13.53	\$14.39	\$13.32	\$12.49	\$10.62	\$75.62
% Change	14.60%	14.49%	14.45%	14.50%	14.53%	14.64%	14.53%
CGA & LDAC	\$3.32	\$9.39	\$20.56	\$14.07	\$7.37	(\$13.29)	\$41.42
% Change	1.45%	2.99%	6.09%	4.68%	2.69%	-6.07%	2.48%

May 1, 2008 - October 31, 2008

May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Summer May-Oct	Total Nov-Oct
117	81	72	72	89	142	573	2,000
\$24.64	\$24.64	\$24.64	\$25.56	\$28.58	\$28.58	\$156.64	\$328.12
\$6.55	\$6.55	\$6.55	\$6.76	\$7.46	\$7.46	\$41.34	\$265.26
\$20.66	\$12.99	\$11.08	\$11.44	\$16.75	\$29.61	\$102.52	\$303.23
\$51.85	\$44.18	\$42.27	\$43.76	\$52.79	\$65.65	\$300.50	\$896.62
\$1.1874	\$1.3906	\$1.4249	\$1.4633	\$1.1706	\$1.1706	\$1.2739	\$1.2097
\$138.93	\$112.64	\$102.59	\$105.36	\$104.18	\$166.23	\$729.92	\$2,419.35
\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0227
\$1.18	\$0.82	\$0.73	\$0.73	\$0.90	\$1.43	\$5.79	\$45.46
\$191.96	\$157.64	\$145.59	\$149.84	\$157.87	\$233.31	\$1,036.21	\$3,361.42

May 1, 2007 - October 31, 2007

May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Summer May-Oct	Total Nov-Oct
117	81	72	72	89	142	573	2,000
\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$147.84	\$295.68
\$6.55	\$6.55	\$6.55	\$6.55	\$6.55	\$6.55	\$39.30	\$235.80
\$20.66	\$12.99	\$11.08	\$11.08	\$14.70	\$25.99	\$96.49	\$272.64
\$51.85	\$44.18	\$42.27	\$42.27	\$45.89	\$57.18	\$283.63	\$804.12
\$1.0409	\$1.0796	\$1.0373	\$0.8993	\$0.8543	\$0.9078	\$0.9662	\$1.1134
\$121.79	\$87.45	\$74.69	\$64.75	\$76.03	\$128.91	\$553.61	\$2,226.87
\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0170
\$4.00	\$2.77	\$2.46	\$2.46	\$3.04	\$4.86	\$19.60	\$34.01
\$177.64	\$134.40	\$119.41	\$109.48	\$124.96	\$190.94	\$856.83	\$3,065.00

\$14.32	\$23.24	\$26.17	\$40.37	\$32.91	\$42.37	\$179.38	\$296.42
8.06%	17.29%	21.92%	36.87%	26.33%	22.19%	20.94%	9.67%
\$0.00	\$0.00	\$0.00	\$1.49	\$6.90	\$8.48	\$16.87	\$92.50
0.00%	0.00%	0.00%	3.53%	15.04%	14.83%	5.95%	11.50%
\$14.32	\$23.24	\$26.17	\$38.87	\$26.01	\$33.90	\$162.51	\$203.93
11.76%	26.57%	35.04%	60.04%	34.20%	26.29%	29.35%	9.16%

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Annual Bill Comparisons, Nov 07 - Apr 08 vs Nov 08 - Apr 09 - Commercial Rate G-42  
5  
6  
7 November 1, 2008 - April 30, 2009  
8 C&I High Winter Use Medium G-42

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Winter Nov-Apr
Typical Usage (Therms)	1,553	2,578	3,265	4,103	3,402	2,473	17,374
Winter:							
Cust. Chg	\$80.44	\$80.44	\$80.44	\$80.44	\$80.44	\$80.44	\$482.64
Headblock	\$0.3095	\$309.50	\$309.50	\$309.50	\$309.50	\$309.50	\$1,857.00
Tailblock	\$0.2044	\$113.03	\$322.54	\$462.97	\$634.25	\$490.97	\$2,324.85
HB Threshold	1,000						
Summer:							
Cust. Chg	\$80.44						
Headblock	\$0.3095						
Tailblock	\$0.2044						
HB Threshold	400						
Total Base Rate Amount	\$502.97	\$712.48	\$852.91	\$1,024.19	\$880.91	\$691.02	\$4,664.49
CGA Rate - (Seasonal)	\$1.1839	\$1.1839	\$1.1839	\$1.1839	\$1.1839	\$1.1839	\$1.1839
CGA amount	\$1,838.60	\$3,052.09	\$3,865.43	\$4,857.54	\$4,027.63	\$2,927.78	\$20,569.08
LDAC	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	0.0278
LDAC amount	\$43.17	\$71.67	\$90.77	\$114.06	\$94.58	\$68.75	\$483.00
Total Bill	\$2,384.74	\$3,836.25	\$4,809.11	\$5,995.80	\$5,003.11	\$3,687.56	\$25,716.56

NOVEMBER 1, 2007 - April 31, 2008  
C&I High Winter Use Medium G-42

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Winter Nov-Apr
Typical Usage (Therms)	1,553	2,578	3,265	4,103	3,402	2,473	17,374
Winter:							
Cust. Chg	\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$416.16
Headblock	\$0.2716	\$271.60	\$271.60	\$271.60	\$271.60	\$271.60	\$1,629.60
Tailblock	\$0.1794	\$99.21	\$283.09	\$406.34	\$556.68	\$430.92	\$2,040.50
HB Threshold	1,000						
Summer:							
Cust. Chg	\$69.36						
Headblock	\$0.2716						
Tailblock	\$0.1794						
HB Threshold	400						
Total Base Rate Amount	\$440.17	\$624.05	\$747.30	\$897.64	\$771.88	\$605.22	\$4,086.26
CGA Rate - (Seasonal)	\$1.1844	\$1.1667	\$1.1326	\$1.1479	\$1.1701	\$1.2793	\$1.1741
CGA amount	\$1,839.37	\$3,007.75	\$3,697.94	\$4,709.83	\$3,980.68	\$3,163.71	\$20,399.29
LDAC	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	0.0101
LDAC amount	\$15.69	\$26.04	\$32.98	\$41.44	\$34.36	\$24.98	\$175.48
Total Bill	\$2,295.23	\$3,657.84	\$4,478.22	\$5,648.91	\$4,786.92	\$3,793.90	\$24,661.02

DIFFERENCE:

Total Bill	\$89.52	\$178.40	\$330.89	\$346.89	\$216.19	(\$106.35)	\$1,055.54
% Change	3.90%	4.88%	7.39%	6.14%	4.52%	-2.80%	4.28%
Base Rate	\$62.80	\$88.43	\$105.61	\$126.56	\$109.03	\$85.80	\$578.23
% Change	14.27%	14.17%	14.13%	14.10%	14.13%	14.18%	14.15%
CGA & LDAC	\$26.71	\$89.97	\$225.28	\$220.33	\$107.16	(\$192.15)	\$477.31
% Change	1.45%	2.99%	6.09%	4.68%	2.69%	-6.07%	2.34%

May 1, 2008 - October 31, 2008

May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Summer May-Oct	Total Nov-Oct
1,258	701	414	213	364	699	3,649	21,023
\$69.36	\$69.36	\$69.36	\$71.95	\$80.44	\$80.44	\$440.91	\$923.55
\$108.64	\$108.64	\$108.64	\$59.73	\$112.66	\$123.80	\$622.11	\$2,479.11
\$153.93	\$54.00	\$2.51	\$0.00	\$0.00	\$61.12	\$271.55	\$2,596.40
\$331.93	\$232.00	\$180.51	\$131.68	\$193.10	\$265.36	\$1,334.57	\$5,999.06
\$1.1874	\$1.3906	\$1.4249	\$1.4633	\$1.1706	\$1.1706	\$1.2646	\$1.1979
\$1,493.75	\$974.81	\$589.91	\$311.68	\$426.10	\$818.25	\$4,614.50	\$25,183.58
\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0247
\$12.71	\$7.08	\$4.18	\$2.15	\$3.68	\$7.06	\$36.85	\$519.85
\$1,838.38	\$1,213.89	\$774.60	\$445.51	\$622.87	\$1,090.66	\$5,985.92	\$31,702.48

May 1, 2007 - October 31, 2007

May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Summer May-Oct	Total Nov-Oct
1,258	701	414	213	364	699	3,649	21,023
\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$416.16	\$832.32
\$108.64	\$108.64	\$108.64	\$57.85	\$98.86	\$108.64	\$591.27	\$2,220.87
\$153.93	\$54.00	\$2.51	\$0.00	\$0.00	\$53.64	\$264.08	\$2,304.57
\$331.93	\$232.00	\$180.51	\$127.21	\$168.22	\$231.64	\$1,271.51	\$5,357.77
\$1.0409	\$1.0796	\$1.0373	\$0.8993	\$0.8543	\$0.9078	\$0.9956	\$1.1431
\$1,309.45	\$756.80	\$429.44	\$191.55	\$310.97	\$634.55	\$3,632.76	\$24,032.05
\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0143
\$43.02	\$23.97	\$14.16	\$7.28	\$12.45	\$23.91	\$124.80	\$300.27
\$1,684.40	\$1,012.77	\$624.11	\$326.05	\$491.64	\$890.10	\$5,029.07	\$29,690.09

\$153.98	\$201.12	\$150.49	\$119.47	\$131.24	\$200.57	\$956.86	\$2,012.40
9.14%	19.86%	24.11%	36.64%	26.69%	22.53%	19.03%	6.78%
\$0.00	\$0.00	\$0.00	\$4.47	\$24.88	\$33.72	\$63.06	\$641.29
0.00%	0.00%	0.00%	3.51%	14.79%	14.55%	4.96%	11.97%
\$153.98	\$201.12	\$150.49	\$115.00	\$106.36	\$166.85	\$893.80	\$1,371.11
11.76%	26.57%	35.04%	60.04%	34.20%	26.29%	24.60%	5.71%

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Annual Bill Comparisons, Nov 07 - Apr 08 vs Nov 08 - Apr 09 - Commercial Rate G-52  
5  
6  
7 November 1, 2008 - April 30, 2009  
8 Commercial Rate (G-52)

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Winter Nov-Apr
Typical Usage (Therms)	1,722	2,086	2,330	2,333	2,291	1,872	12,634
Winter:							
Cust. Chg	\$80.36	\$80.36	\$80.36	\$80.36	\$80.36	\$80.36	\$482.16
Headblock	\$0.1976	\$197.60	\$197.60	\$197.60	\$197.60	\$197.60	\$1,185.60
Tailblock	\$0.1341	\$96.82	\$145.63	\$178.35	\$173.12	\$116.94	\$889.62
HB Threshold	1,000						
Summer:							
Cust. Chg	\$80.36						
Headblock	\$0.1453						
Tailblock	\$0.0836						
HB Threshold	1,000						
Total Base Rate Amount	\$374.78	\$423.59	\$456.31	\$456.72	\$451.08	\$394.90	\$2,557.38
CGA Rate - (Seasonal)	\$1.1826	\$1.1826	\$1.1826	\$1.1826	\$1.1826	\$1.1826	\$1.1826
CGA amount	\$2,036.44	\$2,466.90	\$2,755.46	\$2,759.01	\$2,709.34	\$2,213.83	\$14,940.97
LDAC	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	0.0278
LDAC amount	\$47.87	\$57.99	\$64.77	\$64.86	\$63.69	\$52.04	\$351.23
Total Bill	\$2,459.09	\$2,948.49	\$3,276.55	\$3,280.58	\$3,224.11	\$2,660.76	\$17,849.57

NOVEMBER 1, 2007 - April 31, 2008  
Commercial Rate (G-52)

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Winter Nov-Apr
Typical Usage (Therms)	1,722	2,086	2,330	2,333	2,291	1,872	12,634
Winter:							
Cust. Chg	\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$415.74
Headblock	\$0.1734	\$173.40	\$173.40	\$173.40	\$173.40	\$173.40	\$1,040.40
Tailblock	\$0.1177	\$84.98	\$127.82	\$156.54	\$151.95	\$102.63	\$780.82
HB Threshold	1,000						
Summer:							
Cust. Chg	\$69.29						
Headblock	\$0.1275						
Tailblock	\$0.0734						
HB Threshold	1,000						
Total Base Rate Amount	\$327.67	\$370.51	\$399.23	\$399.58	\$394.64	\$345.32	\$2,236.96
CGA Rate - (Seasonal)	\$1.1838	\$1.1661	\$1.1320	\$1.1473	\$1.1695	\$1.2787	\$1.1761
CGA amount	\$2,038.50	\$2,432.48	\$2,637.56	\$2,676.65	\$2,679.32	\$2,393.73	\$14,858.25
LDAC	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	0.0101
LDAC amount	\$17.39	\$21.07	\$23.53	\$23.56	\$23.14	\$18.91	\$127.60
Total Bill	\$2,383.57	\$2,824.07	\$3,060.32	\$3,099.80	\$3,097.10	\$2,757.96	\$17,222.82

DIFFERENCE:

Total Bill	\$75.52	\$124.42	\$216.22	\$180.78	\$127.01	(\$97.19)	\$626.76
% Change	3.17%	4.41%	7.07%	5.83%	4.10%	-3.52%	3.64%
Base Rate	\$47.11	\$53.08	\$57.08	\$57.13	\$56.44	\$49.57	\$320.42
% Change	14.38%	14.33%	14.30%	14.30%	14.30%	14.35%	14.32%
CGA & LDAC	\$28.41	\$71.34	\$159.14	\$123.65	\$70.56	(\$146.76)	\$306.34
% Change	1.39%	2.93%	6.03%	4.62%	2.63%	-6.13%	2.06%

May 1, 2008 - October 31, 2008

May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Summer May-Oct	Total Nov-Oct
1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
\$69.29	\$69.29	\$69.29	\$71.87	\$80.36	\$80.36	\$440.46	\$922.62
\$127.50	\$127.50	\$127.50	\$131.65	\$145.30	\$145.30	\$804.75	\$1,990.35
\$37.43	\$27.45	\$18.13	\$14.40	\$17.56	\$27.09	\$142.06	\$1,031.68
\$234.22	\$224.24	\$214.92	\$217.92	\$243.22	\$252.75	\$1,387.27	\$3,944.65
\$1.1867	\$1.3899	\$1.4240	\$1.4624	\$1.1700	\$1.1700	\$1.2963	\$1.2262
\$1,791.92	\$1,909.72	\$1,775.73	\$1,740.26	\$1,415.70	\$1,549.08	\$10,182.40	\$25,123.37
\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0210
\$15.25	\$13.88	\$12.59	\$12.02	\$12.22	\$13.37	\$79.34	\$430.56
\$2,041.39	\$2,147.84	\$2,003.24	\$1,970.20	\$1,671.14	\$1,815.20	\$11,649.01	\$29,498.58

May 1, 2007 - October 31, 2007

May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Summer May-Oct	Total Nov-Oct
1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$415.74	\$831.48
\$127.50	\$127.50	\$127.50	\$127.50	\$127.50	\$127.50	\$765.00	\$1,805.40
\$37.43	\$27.45	\$18.13	\$13.95	\$15.41	\$23.78	\$136.16	\$916.98
\$234.22	\$224.24	\$214.92	\$210.74	\$212.20	\$220.57	\$1,316.90	\$3,553.86
\$1.0370	\$1.0757	\$1.0334	\$0.8954	\$0.8504	\$0.9039	\$0.9706	\$1.0973
\$1,565.87	\$1,478.01	\$1,288.65	\$1,065.53	\$1,028.98	\$1,196.76	\$7,623.81	\$22,482.06
\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0342	\$0.0193
\$51.64	\$46.99	\$42.65	\$40.70	\$41.38	\$45.28	\$268.64	\$396.24
\$1,851.74	\$1,749.24	\$1,546.22	\$1,316.96	\$1,282.57	\$1,462.62	\$9,209.34	\$26,432.16

\$189.66	\$398.60	\$457.03	\$653.24	\$388.57	\$352.58	\$2,439.67	\$3,066.43
10.24%	22.79%	29.56%	49.60%	30.30%	24.11%	26.49%	11.60%
\$0.00	\$0.00	\$0.00	\$7.19	\$31.01	\$32.17	\$70.38	\$390.79
0.00%	0.00%	0.00%	3.41%	14.61%	14.59%	5.34%	11.00%
\$189.66	\$398.60	\$457.03	\$646.05	\$357.56	\$320.41	\$2,369.29	\$2,675.63
12.11%	26.97%	35.47%	60.63%	34.75%	26.77%	31.08%	11.90%

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Residential Heating

	Winter 2007-08	Winter 2008-09
6 Customer Charge	\$9.88	\$11.46
7 First 100 Therms	\$0.2945	\$0.3356
8 Excess 100 Therms	\$0.1711	\$0.1950
9 LDAC	\$0.0192	\$0.0260
10 CGA	\$1.1746	\$1.1837
11 Total Adjust	\$1.1938	\$1.2097

12  
13  
14

	Winter 2007-08 CGA @	Winter 2008-09 CGA @
17	\$1.1938	\$1.2097
18		
19 Cooking alone	5 \$17.32	\$19.19
20		
21	10 \$24.76	\$26.91
22		
23	20 \$39.65	\$42.37
24		
25 Water Heating alone	30 \$54.53	\$57.82
26		
27	45 \$76.85	\$81.00
28		
29	50 \$84.29	\$88.73
30		
31 Heating Alone	80 \$121.50	\$127.36
32		
33	125 \$203.75	\$212.35
34		
35	150 \$226.95	\$236.23
36		
37	200 \$295.20	\$306.46
38		

Total		Base Rate		CGA		LDAC	
\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
\$0.02	1%						
\$1.87	11%	\$1.79	10%	\$0.05	0%	\$0.03	0%
\$2.15	9%	\$1.99	8%	\$0.09	0%	\$0.07	0%
\$2.72	7%	\$2.40	6%	\$0.18	0%	\$0.14	0%
\$3.29	6%	\$2.81	5%	\$0.27	0%	\$0.20	0%
\$4.15	5%	\$3.43	4%	\$0.41	1%	\$0.31	0%
\$4.43	5%	\$3.64	4%	\$0.46	1%	\$0.34	0%
\$5.86	5%	\$4.66	4%	\$0.68	1%	\$0.51	0%
\$8.59	4%	\$6.48	3%	\$1.21	1%	\$0.90	0%
\$9.27	4%	\$6.89	3%	\$1.37	1%	\$1.02	0%
\$11.26	4%	\$8.08	3%	\$1.82	1%	\$1.36	0%

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1 **ENERGY NORTH NATURAL GAS, INC.**

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

4 **Variance Analysis of the Components of the 2007-08 Actual Results vs Proposed Winter 2008-09 Cost of Gas Rate**

	<b>WINTER SALES ACTUAL RESULTS</b>			<b>WINTER 2008-09</b>		
	<b>(6 months actual)</b>			<b>(6 months Proposed)</b>		
11 Therm Sales	88,842,320			91,973,236		
	<b>THERM</b>		<b>EFFECT</b>	<b>THERM</b>		<b>EFFECT</b>
	<b>SENDOUT</b>	<b>COSTS</b>	<b>ON COST</b>	<b>SENDOUT</b>	<b>COSTS</b>	<b>ON COST</b>
			<b>OF GAS</b>			<b>OF GAS</b>
16 Demand Charges	\$	9,298,378	\$ 0.1047	\$	7,758,721	\$ 0.0844
18 Purchased Gas	82,068,370	73,752,813	0.8302	74,042,944	66,928,128	0.7277
20 Storage Gas	11,798,560	9,050,229	0.1019	19,065,117	16,204,967	0.1762
22 Produced Gas	806,300	1,072,942	0.0121	2,260,757	2,448,331	0.0266
24 Hedging (Gain)/Loss		7,634,496	\$ 0.0859		10,388,110	0.1129
27 Total Volumes and Cost	94,673,230	\$ 100,808,858	\$ 1.1347	95,368,818	\$ 103,728,258	\$ 1.1278
29 Prior Period Balance	\$	756,088	\$ 0.0085	2,883,321	\$	0.0313
30 Interest		408,585	0.0046	318,647		0.0035
31 Prior Period Adjustment		17,994	0.0002	-		0.0000
32 Broker Revenues		(823,538)	(0.0093)	(1,249,699)		(0.0136)
33 Refunds from Suppliers		-	-	-		-
34 Fuel Financing		601,417	0.0068	523,506		0.0057
35 Transportation CGA Revenues		(114,678)	(0.0013)	2,546		0.0000
36 280 Day Margin		(23,324)	(0.0003)	-		0.0000
37 Interruptible Sales Margin		(2,078)	(0.0000)	(2,245)		(0.0000)
38 Capacity Release and Off System Sales Margins		(379,375)	(0.0043)	(410,806)		(0.0045)
39 Hedging Costs		-	-	-		-
40 Other Costs		32,412	0.0004	-		0.0000
41 FPO Admin Costs		36,312	0.0004	36,312		0.0004
42 Indirect Gas Costs		4,097,298	0.0461	3,038,592		0.0330
44 Total Adjusted Cost	\$	105,415,971	\$ 1.1866	\$ 108,868,431	\$	1.1837

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**ENERGY NORTH NATURAL GAS, INC.****d/b/a National Grid NH****Peak 2008 - 2009 Winter Cost of Gas Filing****Capacity Assignment Calculations 2008-2009****Derivation of Class Assignments and Weightings**

Basic assumptions:

- 1 Residential class pays average seasonal gas cost rate (using MBA method to allocate costs to seasons)
- 2 Residual gas costs are allocated to C&I HLF and LLF classes based on MBA method
- 3 The MBA method allocates capacity costs based on design day demands in two pieces:
  - a The base use portion of the class design day demand based on base use
  - b The remaining portion of design day demand based on remaining design day demand
- 4 Base demand is composed solely of pipeline supplies
- 5 Remaining demand consists of a portion of pipeline and all storage and peaking supplies

		Column A	Column B	Column C	Column D	Column E	Column F
		Design Day Demand, Dktherm	Adjusted Design Day Demand, Dt	Percent of Total		Avg Daily Base Use Load, Dt	Remaining Design Day Demand
1	RATE R-1-Resi Non-Htg	705	771	0.5%		182	589
2	RATE R-3-Resi Htg	61,315	68,577	47.3%		3,933	64,644
3	RATE G-41 (T)	22,129	24,830	17.1%		786	24,044
4	RATE G-51 (S)	2,626	2,880	2.0%		624	2,256
5	RATE G-42 (V)	32,233	36,083	24.9%		1,807	34,276
6	RATE G-52	4,075	4,441	3.1%		1,187	3,254
7	RATE G-43	3,302	3,663	2.5%		446	3,217
8	RATE G-53	1,463	1,616	1.1%		255	1,361
9	RATE G-54	485	493	0.3%		425	68
10	RATE G-63	1,557	1,748	1.2%		51	1,697
11	Total	129,890	145,102	100.0%		9,696	135,406
12							-
13	Residential Total	62,020	69,348	47.793%		4,115	65,233
14	LLF Total	57,663	64,576	44.504%		3,039	61,537
15	HLF Total	10,207	11,178	7.704%		2,543	8,635
16	Total	129,890	145,102	100.0%		9,696	135,406
17							
18	C&I Breakdown						
19	LLF Total					3,039	61,537
20	HLF Total					2,543	8,635
21	Total					5,581	70,173
22							
23	C&I Breakdown Percentage						
24	LLF Total					54.444%	87.694%
25	HLF Total					45.556%	12.306%
26	Total					100.0%	100.0%
27							
28		Capacity Cost	MDQ, Dt	\$/Dt-Mo.			
29	Pipeline	\$4,988,254	49,718	\$8.3609			
30	Storage	\$4,623,947	28,115	\$13.7055			
31							
32	Peaking	\$3,949,463					
33	Peaking Additional Costs (City Gate Deliveries x Differential)	\$2,368,452					
34	Subtotal Peaking Costs	\$6,317,915	67,267	\$7.8269			
35	Total	\$15,930,115	145,100	\$9.1489			
36							
37		Capacity Cost	MDQ, Dt	\$/Dt-Mo.			
38	Pipeline - Baseload	972,822	9,696	\$8.3609			
39	Pipeline - Remaining	4,015,432	40,022	\$8.3609			
40	Storage	4,623,947	28,115	\$13.7055			
41	Peaking	6,317,915	67,267	\$7.8269			
42	Total	15,930,115	145,100	\$9.1489			
43							
44							
45	Residential Allocation	Capacity Cost	MDQ, Dt	\$/Dt-Mo.			
46	Pipeline - Base	Line 38 * Line 13 Col C	47.793%	464,941	4,634	\$8.3609	
47	Pipeline - Remaining	Line 39 * Line 13 Col C	47.793%	1,919,092	19,128	\$8.3609	
48	Storage	Line 40 * Line 13 Col C	47.793%	2,209,930	13,437	\$13.7055	
49	Peaking	Line 41 * Line 13 Col C	47.793%	3,019,524	32,149	\$7.8269	
50	Total		47.793%	7,613,465	69,348	\$9.1489	

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**ENERGY NORTH NATURAL GAS, INC.**

**d/b/a National Grid NH**

**Peak 2008 - 2009 Winter Cost of Gas Filing**

**Capacity Assignment Calculations 2008-2009**

**Derivation of Class Assignments and Weightings**

51									
52									
53	C&I Allocation		Capacity Cost	MDQ, Dt	\$/Dt-Mo.				<b>Ratios for COG</b>
54	Pipeline - Base	Line 38 - Line 46	507,881	5,062	\$8.3609				
55	Pipeline - Remaining	Line 39 - Line 47	2,096,340	20,894	\$8.3609				
56	Storage	Line 40 - Line 48	2,414,017	14,678	\$13.7054				
57	Peaking	Line 41 - Line 49	3,298,391	35,118	\$7.8269				
58	Total		52.207%	8,316,628	75,752	\$9.1489			<b>1.0000</b>
59									
60									
61	LLF - C&I Allocation		Capacity Cost	MDQ, Dt	\$/Dt-Mo.				
62	Pipeline - Base	Line 54 * Line 24 Col E	276,509	2,756	\$8.3608				
63	Pipeline - Remaining	Line 55 * Line 24 Col F	1,838,365	18,323	\$8.3609				
64	Storage	Line 56 * Line 24 Col F	2,116,949	12,872	\$13.7051				
65	Peaking	Line 57 * Line 24 Col F	2,892,491	30,796	\$7.8270				
66	Total		44.7223%	7,124,314	64,747	\$9.1694			<b>1.0022</b>
67									(Line 66 / Line 58)
68									
69	HLF - C&I Allocation		Capacity Cost	MDQ, Dt	\$/Dt-Mo.				
70	Pipeline - Base	Line 54 - Line 62	231,372	2,306	\$8.3612				
71	Pipeline - Remaining	Line 55 - Line 63	257,975	2,571	\$8.3617				
72	Storage	Line 56 - Line 64	297,068	1,806	\$13.7075				
73	Peaking	Line 57 - Line 65	405,900	4,322	\$7.8262				
74	Total		7.4847%	1,192,315	11,005	\$9.0286			<b>0.9869</b>
75									(Line 74 / Line 58)
76									
77	Unit Cost		Residential	LLF C&I	HLF C&I				
78									
79	Pipeline		\$ 8.3609	\$ 8.3609	\$ 8.3609				
80	Storage		\$ 13.7055	\$ 13.7055	\$ 13.7055				
81	Peaking		\$ -	\$ -	\$ -				
82	Total		\$ 9.1489	\$ 9.1694	\$ 9.0286				
83									
84									
85	Load Makeup		Residential	LLF C&I	HLF C&I				
86									
87	Pipeline		34.26%	32.56%	44.32%				
88	Storage		19.38%	19.88%	16.41%				
89	Peaking		46.36%	47.56%	39.27%				
90	Total		100.00%	100.00%	100.00%				
91									
92									
93	Supply Makeup		Residential	LLF C&I	HLF C&I	Total			
94									
95	Pipeline		47.79%	42.40%	9.81%	100.00%			
96	Storage		47.79%	45.78%	6.42%	100.00%			
97	Peaking		47.79%	45.78%	6.43%	100.00%			

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1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Correction Factor Calculation**

8 Data Source: Schedule 10B

	Nov	Dec	Jan	Feb	Mar	Apr	Total Sales
11 G-41	1,038,690	2,492,994	3,264,000	3,355,199	2,937,969	2,038,987	15,127,840
12 G-42	1,652,516	3,228,404	4,116,739	4,202,605	3,692,309	2,784,677	19,677,249
13 G-43	148,593	194,649	326,828	328,801	299,064	284,042	1,581,977
14 High Winter Use	2,839,798	5,916,047	7,707,567	7,886,606	6,929,342	5,107,706	36,387,066
16 G-51	254,284	367,204	433,361	444,593	404,071	343,058	2,246,572
17 G-52	389,467	523,442	619,486	645,483	578,980	511,984	3,268,843
18 G-53	73,485	78,521	100,758	110,579	94,998	89,151	547,492
19 G-54	122	98	120	933	2,645	3,852	7,770
20 G-63	2,550	2,892	3,144	2,794	1,248	1,139	13,767
21 Low Winter Use	719,908	972,159	1,156,869	1,204,381	1,081,942	949,184	6,084,444
23 Gross Total	3,559,706	6,888,206	8,864,436	9,090,987	8,011,284	6,056,890	42,471,509

26 Total Sales 42,471,509  
27 Low Winter Use 6,084,444  
28 **Winter Ratio for Low Winter Use =** **0.98690** Schedule 10A p 2, ln 74  
29 High Winter Use 36,387,066  
30 **Winter Ratio for High Winter Use =** **1.00220** Schedule 10A p 2, ln 66

32 Correction Factor =  $\text{Total Sales} / ((\text{Low Winter Use} \times \text{Winter Ratio for Low Winter Use}) + (\text{High Winter Use} \times \text{Winter Ratio for High Winter Use}))$   
33 Correction Factor = **99.9992%**

36 **Allocation Calculation for Miscellaneous Overhead**

38 Projected Winter Sales Volume (11/1/07 - 4/30/08) 91,523,044 Sch.10B  
39 Projected Annual Sales Volume (11/1/07 - 10/31/08) 114,873,093 Sch.10B  
40 Percentage of Winter to Annual Sales 79.67%

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1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Peak 2008 - 2009 Winter Cost of Gas Filing

4 2008 - 2009 Winter Cost of Gas Filing

5

6

Converted to Dry Therms

7 Firm Sales

8

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Subtotal PK 08-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Subtotal OP 09	Total
9 R-1	85,646	122,724	136,050	136,706	124,262	113,154	718,542	95,965	78,476	62,554	54,379	56,080	63,610	411,063	1,129,605
10 R-3	3,990,709	8,059,121	9,350,683	9,518,325	8,000,853	6,024,892	44,944,584	3,310,876	1,904,615	1,279,494	1,137,452	1,230,252	1,639,923	10,502,611	55,447,195
11 R-4	120,172	349,589	542,497	830,366	784,389	761,395	3,388,409	431,021	142,896	92,219	77,137	77,618	102,226	923,116	4,311,525
12 Total Residential.	4,196,527	8,531,435	10,029,231	10,485,397	8,909,504	6,899,441	49,051,534	3,837,862	2,125,987	1,434,266	1,268,968	1,363,950	1,805,758	11,836,791	60,888,325
13															
14 G-41	1,038,690	2,492,994	3,264,000	3,355,199	2,937,969	2,038,987	15,127,840	959,226	415,520	231,715	215,815	253,904	370,290	2,446,470	17,574,311
15 G-42	1,652,516	3,228,404	4,116,739	4,202,605	3,692,309	2,784,677	19,677,249	1,602,989	822,884	518,720	459,008	513,171	796,626	4,713,399	24,390,648
16 G-43	148,593	194,649	326,828	328,801	299,064	284,042	1,581,977	67,938	190,196	119,024	106,961	100,894	152,646	737,659	2,319,636
17 G-51	254,284	367,204	433,361	444,593	404,071	343,058	2,246,572	275,716	229,718	192,653	186,960	187,440	200,788	1,273,275	3,519,846
18 G-52	389,467	523,442	619,486	645,483	578,980	511,984	3,268,843	394,561	347,378	288,500	288,563	305,232	311,238	1,935,472	5,204,315
19 G-53	73,485	78,521	100,758	110,579	94,998	89,151	547,492	55,922	48,160	41,671	39,419	41,666	42,178	269,016	816,508
20 G-54	122	98	120	933	2,645	3,852	7,770	303	292	181	255	205	256	1,493	9,262
21 G-63	2,550	2,892	3,144	2,794	1,248	1,139	13,767	19,330	24,141	21,118	23,213	25,430	23,243	136,475	150,242
22 Total C/I	3,559,706	6,888,206	8,864,436	9,090,987	8,011,284	6,056,890	42,471,509	3,375,986	2,078,289	1,413,582	1,320,192	1,427,943	1,897,266	11,513,259	53,984,768
23															
24 Sales Volume	7,756,234	15,419,641	18,893,666	19,576,384	16,920,787	12,956,331	91,523,044	7,213,848	4,204,276	2,847,848	2,589,160	2,791,892	3,703,024	23,350,050	114,873,093
25															
26 Transportation Sales															
27															
28 G-41	121,277	224,920	283,293	276,474	296,337	213,645	1,415,946	124,229	68,865	42,601	37,838	46,583	67,957	388,072	1,804,018
29 G-42	499,300	1,002,835	1,294,971	1,292,441	1,446,618	982,718	6,518,883	415,709	222,353	144,635	151,421	159,294	237,213	1,330,626	7,849,510
30 G-43	174,370	278,623	482,446	646,923	650,606	651,404	2,884,373	(43,193)	157,202	107,575	96,691	103,112	30,511	451,898	3,336,271
31 G-51	34,810	45,612	49,523	53,031	55,579	48,407	286,961	31,186	25,871	22,254	23,222	22,004	29,208	153,745	440,706
32 G-52	116,848	151,843	173,969	163,959	159,037	147,651	913,308	124,040	113,210	89,282	98,498	97,651	112,484	635,165	1,548,474
33 G-53	732,306	763,294	985,009	1,033,890	901,002	870,750	5,286,252	803,655	691,405	596,099	559,561	599,571	619,005	3,869,295	9,155,547
34 G-54	27,848	22,340	26,822	205,074	602,377	877,382	1,761,844	25,094	24,191	14,955	21,096	16,978	19,695	122,008	1,883,852
35 G-63	1,184,139	1,339,158	1,463,165	1,297,105	580,861	530,095	6,394,522	1,061,826	1,330,893	1,167,682	1,284,045	1,408,651	1,162,973	7,416,069	13,810,591
36															
37 Total Trans. Sales	2,890,897	3,828,625	4,759,199	4,968,898	4,692,418	4,322,053	25,462,089	2,542,546	2,633,990	2,185,084	2,272,371	2,453,843	2,279,045	14,366,880	39,828,970
38															
39 Total All Sales	10,647,131	19,248,266	23,652,865	24,545,282	21,613,205	17,278,384	116,985,133	9,756,394	6,838,266	5,032,932	4,861,531	5,245,736	5,982,070	37,716,930	154,702,063

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1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Normal and Design Year Volumes**

**Schedule 11A**

5  
6  
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9

7 **Volumes (Therms) Normal Year**

9 **For the Months of 11/01/2008 - 4/30/2009**

							Peak
	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Nov - Apr
13 Pipeline Gas:							
14 Dawn Supply	1,065,528	1,100,655	1,100,655	994,373	1,100,655	1,068,230	6,430,097
15 Niagara Supply	843,956	871,878	871,878	787,212	871,878	843,956	5,090,756
16 TGP Supply (Direct)	5,835,635	5,624,872	5,945,521	5,262,790	6,030,187	5,835,635	34,534,639
17 TGP Zone 6 Purchases	-	-	-	-	-	1,052,918	1,052,918
18 Dracut Winter Supply	1,054,720	5,488,866	5,494,270	4,953,850	370,188	-	17,361,893
19 City Gate Delivered Supply	2,161,680	2,233,736	2,233,736	2,017,568	915,111	1,001,578	10,563,410
20 LNG Truck	225,175	237,785	360,280	302,635	225,175	-	1,351,050
21 Propane Truck	-	-	562,938	-	-	-	562,938
22 PNGTS	29,723	38,730	44,134	37,829	34,227	25,220	209,863
23 Granite Ridge	-	-	-	-	-	-	-
24 Subtotal Pipeline Volumes	11,216,417	15,596,521	16,613,412	14,356,257	9,547,420	9,827,538	77,157,565
25							
26 Storage Gas:							
27 TGP Storage	1,730,245	2,761,546	5,006,091	3,325,384	6,241,851	-	19,065,117
28							
29 Produced Gas:							
30 LNG Vapor	225,175	237,785	416,123	288,224	217,969	25,220	1,410,496
31 Propane	-	96,375	562,938	190,948	-	-	850,261
32 Subtotal Produced Gas	225,175	334,160	979,061	479,172	217,969	25,220	2,260,757
33							
34 Less - Gas Refills:							
35 LNG Truck	(225,175)	(237,785)	(360,280)	(302,635)	(225,175)	-	(1,351,050)
36 Propane	-	-	(562,938)	-	-	-	(562,938)
37 TGP Storage Refill	(768,297)	-	-	-	-	(432,336)	(1,200,633)
38 Subtotal Refills	(993,472)	(237,785)	(923,218)	(302,635)	(225,175)	(432,336)	(3,114,621)
39							
40 Total Sendout Volumes	12,178,365	18,454,442	21,675,346	17,858,179	15,782,065	9,420,421	95,368,818
41							

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing

Schedule 11B

42 Normal and Design Year Volumes

43

44

45 Volumes (Therms) Design Year

46

47 For the Months of 11/01/2008 - 4/30/2009

48

49

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Peak Nov - Apr
51 Pipeline Gas:							
52 Dawn Supply	1,065,528	1,100,655	1,100,655	994,373	1,100,655	1,068,230	6,430,097
53 Niagara Supply	843,956	871,878	871,878	787,212	871,878	843,956	5,090,756
54 TGP Supply (Direct)	5,824,827	6,026,584	6,005,868	5,368,172	6,030,187	5,832,933	35,088,570
55 TGP Zone 6 Purchases	-	-	-	-	-	2,491,336	2,491,336
56 Dracut Winter Supply	1,692,415	5,584,340	5,584,340	5,043,920	1,297,909	-	19,202,924
57 City Gate Delivered Supply	2,161,680	2,233,736	2,233,736	2,017,568	1,761,769	17,113	10,425,603
58 LNG Truck	188,246	239,586	360,280	337,763	225,175	-	1,351,050
59 Propane Truck	-	-	736,773	105,382	-	-	842,155
60 PNGTS	29,723	38,730	44,134	37,829	34,227	25,220	209,863
61 Granite Ridge	-	673,724	1,672,600	671,922	-	-	3,018,246
62 VPEM	-	38,730	1,801	-	-	-	40,532
63 Subtotal Pipeline Volumes	11,806,376	16,807,963	18,612,065	15,364,141	11,321,799	10,278,788	84,191,131
64							
65 Storage Gas:							
66 TGP Storage	1,962,625	3,505,524	5,614,964	4,072,065	5,677,112	-	20,832,290
67							
68 Produced Gas:							
69 LNG Vapor	188,246	239,586	360,280	396,308	199,055	26,120	1,409,596
70 Propane	-	48,638	736,773	216,168	102,680	-	1,104,258
71 Subtotal Produced Gas	188,246	288,224	1,097,053	612,476	301,735	26,120	2,513,854
72							
73 Less - Gas Refills:							
74 LNG Truck	(188,246)	(239,586)	(360,280)	(337,763)	(225,175)	-	(1,351,050)
75 Propane	-	-	(736,773)	(105,382)	-	-	(842,155)
76 TGP Storage Refill	(734,071)	(199,055)	-	-	-	(424,230)	(1,357,355)
77 Subtotal Refills	(922,317)	(438,641)	(1,097,053)	(443,144)	(225,175)	(424,230)	(3,550,559)
78							
79 Total Sendout Volumes	13,034,930	20,163,070	24,227,029	19,605,537	17,075,471	9,880,679	103,986,716

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## 1 ENERGY NORTH NATURAL GAS, INC.

## Schedule 11C

2 d/b/a National Grid NH

3 Peak 2008 - 2009 Winter Cost of Gas Filing

4 Capacity Utilization

5 Volumes (Therms)

6								
7	Peak Period				Peak Period			
8	Normal Year		Seasonal		Design Year		Seasonal	
9	Use	MDQ	Quantity	Utilization	Use	MDQ	Quantity	Utilization
10	(Therms)	(MMBtu/day)	(Therms)	Rate	(Therms)	(MMBtu/day)	(Therms)	Rate
11	<b>Pipeline Gas:</b>							
12	Dawn Supply	6,430,097	4,000	7,240,000	89%	6,430,097	4,000	7,240,000
13	Niagara Supply	5,090,756	3,122	5,650,820	90%	5,090,756	3,122	5,650,820
14	TGP Supply (Direct)	34,534,639	21,596	39,088,760	88%	35,088,570	21,596	39,088,760
15	TGP Zone 6 Purchases	1,052,918	-	-	-	2,491,336	-	-
16	Dracut Winter Supply	17,361,893	20,000	36,200,000	48%	19,202,924	20,000	36,200,000
17	City Gate Delivered Supply	10,563,410	8,000	12,080,000	87%	10,425,603	8,000	12,080,000
18	LNG Truck	1,351,050	-	-	-	1,351,050	-	-
19	Propane Truck	562,938	-	-	-	842,155	-	-
20	PNGTS	209,863	1,000	1,810,000	12%	209,863	1,000	1,810,000
21	Granite Ridge	-	15,000	27,150,000	0%	3,018,246	15,000	27,150,000
22	VPEM	-	5,000	50,000	0%	40,532	5,000	50,000
23								
24	Subtotal Pipeline Volumes	77,157,565			84,150,600			
25								
26	<b>Storage Gas:</b>							
27	TGP Storage	19,065,117		25,801,310	74%	20,832,290	25,801,310	81%
28								
29	<b>Produced Gas:</b>							
30	LNG Vapor	1,410,496			1,409,596			
31	Propane	850,260.8			1,104,258			
32								
33	Subtotal Produced Gas	2,260,757			2,513,854			
34								
35	<b>Less - Gas Refills:</b>							
36	LNG Truck	(1,351,050)			(1,351,050)			
37	Propane	(562,938)			(842,155)			
38	TGP Storage Refill	(1,200,633)			(1,357,355)			
39								
40	Subtotal Refills	(3,114,621)			(3,550,559)			
41								
42	Total Sendout Volumes	95,368,818			103,946,184			
43								

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1 **ENERGY NORTH NATURAL GAS, INC.**

Schedule 11D

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

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Forecast of Upcoming Winter Period

6

Design Day Report

7

2008/09 Heating Season

8

(Therms)

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EnergyNorth Natural Gas, Inc.

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d/b/a National Grid NH

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80 EDD at Manchester, N.H.

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Requirements

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Firm Sales

1,306,916

20

Interruptible Sales

0

21

Firm Transportation

144,084

22

Interruptible Transportation

0

23

24

Total Requirements

1,451,000

25

26

27

Resources

28

29

Purchased Pipeline Gas

718,000

30

Underground Storage Gas

281,100

31

Propane Air Production

350,000

32

LNG Produced Gas

101,900

33

Third-Party Supply

0

34

35

Total Resources

1,451,000

36

37

38

Please refer to the ENGI 2006 IRP filing (DG 06-105)

39

for a complete description of the methodology and

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assumptions used in the derivation of this data.

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Preparation of this report was supervised by:

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Theodore Poe, Jr.

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Manager, Energy Planning

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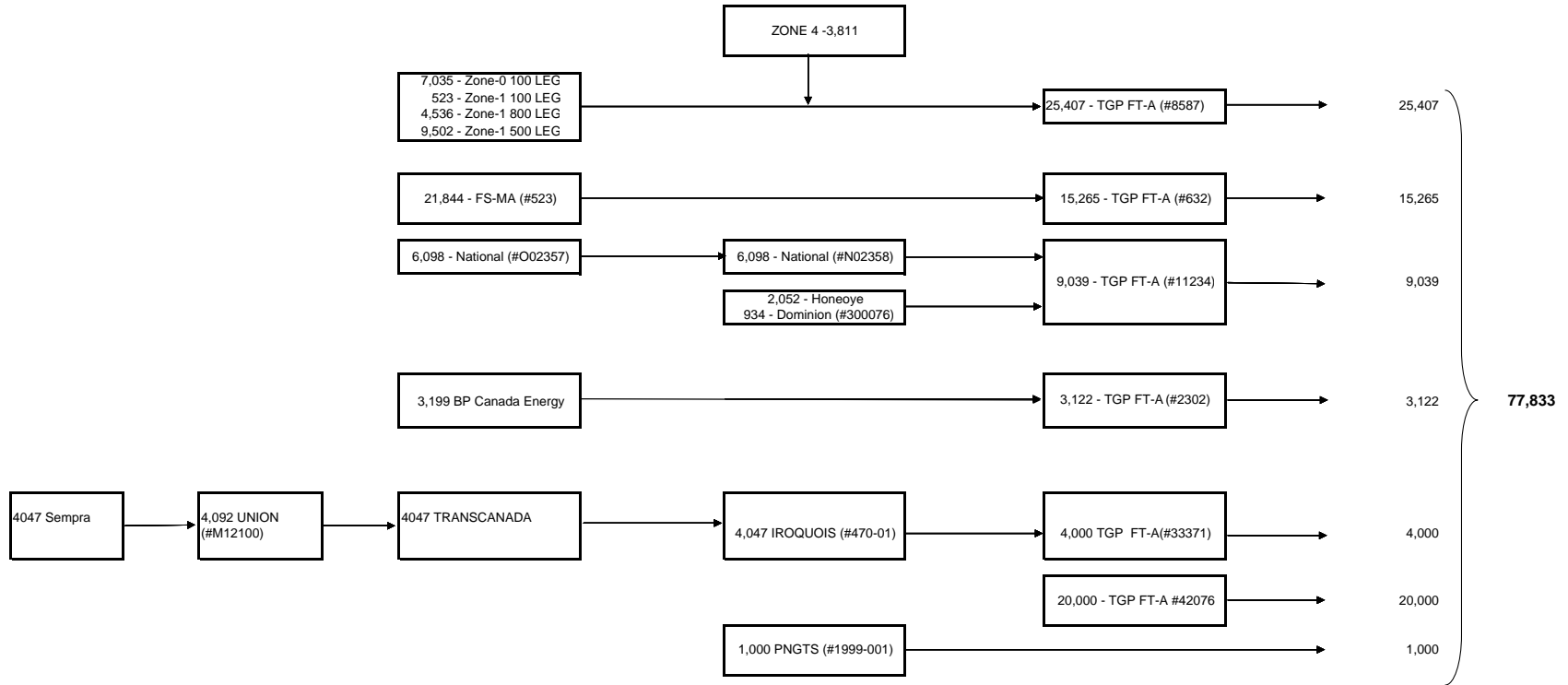
Note: Forecasted Firm Transportation volumes are for customers

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using utility capacity only.

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ENERGY NORTH NATURAL GAS, INC.  
d/b/a National Grid NH  
Peak 2008 - 2009 Winter Cost of Gas Filing  
Transportation Available for Pipeline Supply and Storage  
(MMBtu)



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ENERGY NORTH NATURAL GAS, INC.  
d/b/a National Grid NH  
Peak 2008 - 2009 Winter Cost of Gas Filling  
Agreements for Gas Supply and Transportation

SOURCE	RATE SCHEDULE	CONTRACT NUMBER	TYPE	MDQ MMBTU	MAQ * MMBTU	EXPIRATION DATE	NOTIFICATION DATE	RENEWAL OPTIONS
Granite Ridge Energy, LLC (Formerly AES Londonderry, L.L.C.)	-	-	Supply	15,000	450,000	09/30/08	N/a	Mutually agreed upon.
BP Gas & Power Canada, Ltd	-	-	Supply	3,199	1,167,635	3/31/2012	N/a	Terminates
Sempra Energy Trading			Supply	4,047	611,097	3/31/2009	N/a	Terminates
Distrigas of Massachusetts Corp.	FLS	FLS164	Liquid Refill	7 Trucks	50,000	10/31/2009	N/a	Terminates
Distrigas of Massachusetts Corp.	FLS	FLS160	Liquid Refill	Up to 15 trucks	1,000,000 KeySpan Total	10/31/2010	-	Terminates
Virginia Power Energy Marketing			Supply	8,000	1,208,000	10/31/2009	N/a	Terminates
Virginia Power Energy Marketing			Peaking Supply	5,000		2/29/2009	-	Terminates
Eastern Propane Gas			Propane Supply	Monthly Take Quantity	TBD	TBD	N/a	Terminates
Florida Power and Light			Supply	20,000	3,020,000	3/31/2009	N/a	Terminates
Chevron Natural Gas			Supply	21,596	3,908,876	4/30/2009	N/a	Terminates
Dominion Transmission Incorporated	GSS	300076	Storage	934	102,700	3/31/2011	3/31/2009	Mutually agreed upon
Honeoye Storage Corporation	SS-NY	-	Storage	1,957	246,240	4/1/1995	12 months notice	Evergreen Provision
National Fuel Gas Supply Corporation	FSS	002358	Storage	6,098	670,800	3/31/2008	3/31/2010	Evergreen Provision
National Fuel Gas Supply Corporation	FSST	N02358	Transportation	6,098	670,800	3/31/2008	3/31/2010	Evergreen Provision
Iroquois Gas Transmission System	RTS-1	47001	Transportation	4,047	1,477,155	10/31/2011	10/31/2010	Evergreen Provision
Portland Natural Gas Transmission System	FT 1999-01	1999-001	Transportation	1,000	365,000	10/31/2019	10/31/2018	Evergreen Provision
Tennessee Gas Pipeline Company	FS-MA	523	Storage	21,844	1,560,391	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	8587	Transportation	25,407	9,273,555	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	2302	Transportation	3,122	1,139,530	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	632	Transportation	15,265	5,571,725	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	11234	Transportation	9,039	3,299,235	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	33371	Transportation	4,000	1,460,000	10/31/2011	10/31/2010	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	42076	Transportation	20,000	7,300,000	10/31/2010	10/31/2009	Evergreen Provision
TransCanada Pipeline	FT		Transportation	4,047	1,477,155	10/31/2016	4/30/2016	Evergreen Provision
Union Gas Limited	M12	M12100	Transportation	4,092	1,493,580	10/31/2017	10/31/2015	Evergreen Provision

\* MAQ is calculated on a 365 day calendar year.

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1 **ENERGY NORTH NATURAL GAS, INC.**  
2 **d/b/a National Grid NH**  
3 **Peak 2008 - 2009 Winter Cost of Gas Filing**  
4 **Load Migration From Sales to Transportation in the C&I High and Low Winter Use Classes**

5  
6 **May 2007 - Apr 2008 Normalized Sales and Transportation Volumes (Therms)**

		<b>Annual</b>	<b>% of Total</b>	<b>% of Sales</b>
	<b>C&amp;I Rate Classes</b>	<b>Sales</b>	<b>by Class</b>	<b>to Total Volume</b>
				<b>by Class</b>
11	G-41	16,879,804	32.59%	90.70%
12	G-42	23,408,418	45.19%	75.65%
13	G-43	2,222,192	4.29%	40.95%
14	G-51	3,369,841	6.51%	88.87%
15	G-52	4,981,787	9.62%	77.08%
16	G-53	782,078	1.51%	8.20%
17	G-54	8,893	0.02%	0.49%
18	G-63	142,696	0.28%	1.07%
19	Total C/I	51,795,710	100.00%	

		<b>Annual</b>	<b>% of Total</b>	<b>% of Transportation</b>
		<b>Transportation</b>	<b>by Class</b>	<b>to Total Volume</b>
				<b>by Class</b>
24	G-41	1,730,819	4.54%	9.30%
25	G-42	7,535,998	19.76%	24.35%
26	G-43	3,204,602	8.40%	59.05%
27	G-51	422,004	1.11%	11.13%
28	G-52	1,481,438	3.89%	22.92%
29	G-53	8,757,605	22.97%	91.80%
30	G-54	1,811,358	4.75%	99.51%
31	G-63	13,188,325	34.59%	98.93%
32	Total C/I	38,132,149	100.00%	

		<b>% of Total</b>	
	<b>Sales &amp; Transportation</b>	<b>by Class</b>	
	<b>Total</b>		
36	G-41	18,610,624	100.00%
37	G-42	30,944,416	100.00%
38	G-43	5,426,794	100.00%
39	G-51	3,791,845	100.00%
40	G-52	6,463,225	100.00%
41	G-53	9,539,682	100.00%
42	G-54	1,820,252	100.00%
43	G-63	13,331,021	100.00%
44	Total C/I	89,927,859	100.00%

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1 **ENERGY NORTH NATURAL GAS, INC.**

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

4 **Delivered Costs of Winter Supplies to Pipeline Delivered Supplies from the Prior Year**

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	Off-Peak	Peak	Total	
	May 07 - Oct 07	Nov 07-Apr 08	May 07 - Apr 08	
	(Therms)	(Therms)	(Therms)	
Pipeline Deliveries	19,546,780	70,719,550	90,266,330	
All Others	992,850	23,953,680	24,946,530	
	20,539,630	94,673,230	115,212,860	
Total Winter Supplies				Ratio
Total Pipeline Deliveries				94,673,230
				90,266,330
Ratio Winter Supplies to Pipeline Supplies				1.049

1 **ENERGY NORTH NATURAL GAS, INC.**

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

4 **July and August Consumption of C&I High and Low Winter Classes as a Percentage of Their Annual Consumption**

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<b>C&amp;I Sales</b>						
<b>Normalized (Therms)</b>	<b>Jul-07</b>	<b>Aug-07</b>	<b>Jul - Aug Total</b>	<b>Total Annual</b>	<b>% of Jul-Aug to Total</b>	
(a)	(b)	(c)	(e)=(c)+(d)	(f)	(g)=(e)/(f)	
G-41	214,236	201,281	415,517	17,119,499	2.43%	
G-42	493,714	414,652	908,366	25,505,184	3.56%	
G-43	80,020	71,891	151,911	2,513,971	6.04%	
G-51	183,687	176,717	360,404	3,460,768	10.41%	
G-52	278,758	270,096	548,854	5,095,119	10.77%	
G-53	42,620	44,411	87,031	1,044,280	8.33%	
G-54	-	-	-	-	0.00%	
G-63	932	520	1,452	1,411,872	0.10%	
Total C/I	1,293,967	1,179,568	2,473,535	56,150,694	4.41%	

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1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Peak 2008 - 2009 Winter Cost of Gas Filing

4 Storage Inventory, Underground, LPG and LNG including Calculation of Money Pool Interest Costs Associated with Natural Gas

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6 Underground Storage Gas

		May-08 (Actual)	Jun-08 (Actual)	Jul-08 (Actual)	Aug-08 (Estimate)	Sep-08 (Estimate)	Oct-08 (Estimate)	Nov-08 (Estimate)	Dec-08 (Estimate)	Jan-09 (Estimate)	Feb-09 (Estimate)	Mar-09 (Estimate)	Apr-09 (Estimate)	Total
Beginning Balance (MMBtu)		1,463,289	1,612,371	1,738,469	1,875,126	2,009,712	2,144,299	2,278,885	2,201,771	1,925,616	1,425,007	1,092,468	468,283	2,278,885
Injections (MMBtu)	Sch 11A In 37 /10	168,099	138,232	136,657	134,586	134,586	134,586	95,910	-	-	-	-	43,234	139,144
Withdrawals (MMBtu)	Sch 11A In 27 /10	(19,017)	(12,134)	-	-	-	-	(173,024)	(276,155)	(500,609)	(332,538)	(624,185)	-	(1,906,512)
Ending Balance (MMBtu)		1,612,371	1,738,469	1,875,126	2,009,712	2,144,299	2,278,885	2,201,771	1,925,616	1,425,007	1,092,468	468,283	511,517	511,517
Beginning Balance		\$ 11,572,191	\$ 13,187,291	\$ 14,541,528	\$ 16,039,170	\$ 17,224,320	18,325,111	\$ 19,432,919	\$ 18,708,547	\$ 16,362,048	\$ 12,108,350	\$ 9,282,755	\$ 3,979,025	\$ 19,432,919
Injections	In 11 * In 28	2,016,023	1,742,040	1,900,644	1,240,482	1,116,555	1,129,466	751,074	-	-	-	-	353,290	\$ 1,104,364
Hedging Adjustment (Gain)/Loss		(245,386)	(286,307)	(386,579)	(55,333)	(15,763)	(21,659)							
Withdrawals	In 13 * In 26	(155,537)	(101,496)	(16,423)	-	-		\$ (1,475,445)	\$ (2,346,499)	\$ (4,253,699)	\$ (2,825,595)	\$ (5,303,730)	\$ -	\$ (16,204,967)
Ending Balance		\$ 13,187,291	\$ 14,541,528	\$ 16,039,170	\$ 17,224,320	\$ 18,325,111	\$ 19,432,919	\$ 18,708,547	\$ 16,362,048	\$ 12,108,350	\$ 9,282,755	\$ 3,979,025	\$ 4,332,315	\$ 4,332,315
Average Rate For Withdrawals	In 18 /In 9	\$7.9083	\$8.1788	\$8.3646	\$8.5536	\$8.5705	\$8.5460	\$8.5274	\$8.4970	\$8.4970	\$8.4970	\$8.4970	\$8.4970	
TGP Storage Rate for Injections	Actual or NYMEX plus TGP Transportation	\$11.9931	\$12.6023	\$13.9081	\$9.2170	\$8.2962	\$8.3921	\$7.8310	\$8.1859	\$8.4633	\$8.5199	\$8.4076	\$8.1717	
Month Dollar Average	In (18 + In 24) /2							\$ 19,070,733	\$ 17,535,298	\$ 14,235,199	\$ 10,695,552	\$ 6,630,890	\$ 4,155,670	
Money Pool Finance Rate (per Nov 06 - Apr 07 Actuals)								5.22%	5.14%	5.15%	4.82%	3.80%	3.67%	
Inventory Finance Charge	In 30 * In 32							\$ 83,009	\$ 75,182	\$ 61,069	\$ 42,968	\$ 20,989	\$ 12,709	\$ 295,927
Financial Expenses								500	500	500	500	500	500	3,000
Total Inventory Finance Charges								\$ 83,509	\$ 75,682	\$ 61,569	\$ 43,468	\$ 21,489	\$ 13,209	\$ 298,927

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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Storage Inventory, Underground, LPG and LNG including Calculation of Money Pool Interest Costs Associated with Natural Gas  
5

41 Liquid Propane Gas (LPG)

	May-08 (Actual)	Jun-08 (Actual)	Jul-08 (Actual)	Aug-08 (Estimate)	Sep-08 (Estimate)	Oct-08 (Estimate)	Nov-08 (Estimate)	Dec-08 (Estimate)	Jan-09 (Estimate)	Feb-09 (Estimate)	Mar-09 (Estimate)	Apr-09 (Estimate)	Total
42 Beginning Balance	136,840	136,824	136,784	136,779	136,779	136,779	136,779	136,779	127,142	127,142	108,047	108,047	136,779
43 Injections Sch 11A In 36 /10	-	-	-	-	-	-	-	-	56,294	-	-	-	56,294
44 Subtotal	136,840	136,824	136,784	136,779	136,779	136,779	136,779	136,779	183,435	127,142	108,047	108,047	
45 Withdrawals Sch 11A In 31 /10	-	-	-	-	-	-	-	(9,637)	(56,294)	(19,095)	-	-	(85,026)
46 Adjutment for change in temperature	(16)	(40)	(5)	-	-	-							
47 Ending Balance	136,824	136,784	136,779	136,779	136,779	136,779	136,779	127,142	127,142	108,047	108,047	108,047	108,047
48													
49 Beginning Balance	\$ 2,076,710	\$ 2,076,949	\$ 2,076,155	\$ 2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 1,929,802	\$ 2,134,319	\$ 1,813,775	\$ 1,813,775	\$ 2,076,083
50 Injections In 46 * In 67	-	-	-			-	-	-	1,149,518	-	-	-	\$ 1,149,518
51 Subtotal	\$ 2,076,710	\$ 2,076,949	2,076,155	2,076,083	2,076,083	2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 3,079,320	\$ 2,134,319	\$ 1,813,775	\$ 1,813,775	
52 Withdrawals In 49 * In 70	239	(793)	(72)	-	-	-	-	(146,281)	(945,001)	(320,544)	-	-	\$ (1,411,827)
53 Ending Balance	\$ 2,076,949	\$ 2,076,155	\$ 2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 2,076,083	\$ 1,929,802	\$ 2,134,319	\$ 1,813,775	\$ 1,813,775	\$ 1,813,775	\$ 1,813,775
54 Average Rate For Withdrawals	\$15.1762	\$15.1797	\$15.1783	\$15.1784	\$15.1784	\$15.1784	\$15.1784	\$15.1784	\$16.7870	\$16.7870	\$16.7870	\$16.7870	
55													
56 Propane Rate for Injections Sch. 6, In 144 * 10							\$20.2100	\$20.3100	\$20.4200	\$20.2000	\$19.9200	\$19.4000	
57													
58 Month Dollar Average In (55 + In 63) /2							\$ 2,076,083	\$ 2,002,942	\$ 2,032,060	\$ 1,974,047	\$ 1,813,775	\$ 1,813,775	
59 Money Pool Finance Rate (per Nov 06 - Apr 07 Actuals)							5.22%	5.14%	5.15%	4.82%	3.80%	3.67%	
60													
61 Inventory Finance Charge In 70 * In 72							\$ 9,037	\$ 8,588	\$ 8,718	\$ 7,931	\$ 5,741	\$ 5,547	\$ 45,561
62													
63													
64													
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1 ENERGY NORTH NATURAL GAS, INC.  
2 d/b/a National Grid NH  
3 Peak 2008 - 2009 Winter Cost of Gas Filing  
4 Storage Inventory, Underground, LPG and LNG including Calculation of Money Pool Interest Costs Associated with Natural Gas  
5

79 Liquid Natural Gas (LNG)

			May-08 (Actual)	Jun-08 (Actual)	Jul-08 (Actual)	Aug-08 (Estimate)	Sep-08 (Estimate)	Oct-08 (Estimate)	Nov-08 (Estimate)	Dec-08 (Estimate)	Jan-09 (Estimate)	Feb-09 (Estimate)	Mar-09 (Estimate)	Apr-09 (Estimate)	Total
81	Beginning Balance		9,340	6,897	10,110	8,018	8,018	8,018	12,978	12,978	12,978	7,394	8,835	9,555	12,978
82															
83															
84	Injections	Sch 11A In 35 /10	-	5,439	-	2,667	2,575	2,667	22,518	23,778	36,028	30,264	22,518	-	135,105
85															
86	Subtotal		9,340	12,336	10,110	10,685	10,593	10,685	35,496	36,756	49,006	37,657	31,352	9,555	
87															
88	Withdrawals	Sch 11A In 30 /10	(2,443)	(2,226)	(2,092)	(2,667)	(2,575)	(2,667)	(22,518)	(23,778)	(41,612)	(28,822)	(21,797)	(2,522)	(141,050)
89															
90	Ending Balance		6,897	10,110	8,018	8,018	8,018	8,018	12,978	12,978	7,394	8,835	9,555	7,033	7,033
91															
92															
93	Beginning Balance		\$ 66,786	\$ 49,318	\$ 97,996	\$ 77,746	\$ 76,477	\$ 73,179	\$ 70,928	\$ 84,385	\$ 92,159	\$ 55,675	\$ 67,996	\$ 73,107	\$ 70,928
94															
95	Injections	In 84 * In 105	-	70,254	-	24,582	21,363	22,382	159,870	176,628	276,863	234,149	171,879	-	\$ 1,019,389
96															
97	Subtotal		\$ 66,786	\$ 119,572	\$ 97,996	\$ 102,328	\$ 97,839	\$ 95,561	\$ 230,798	\$ 261,013	\$ 369,022	\$ 289,824	\$ 239,875	\$ 73,107	\$ 1,090,317
98															
99	Withdrawals	In 88 * In 103	(17,469)	(21,576)	(20,250)	(25,851)	(24,660)	(24,633)	(146,413)	(168,855)	\$ (313,347)	\$ (221,828)	\$ (166,767)	\$ (19,295)	\$ (1,036,505)
00															
01	Ending Balance		\$ 49,318	\$ 97,996	\$ 77,746	\$ 76,477	\$ 73,179	\$ 70,928	\$ 84,385	\$ 92,159	\$ 55,675	\$ 67,996	\$ 73,107	\$ 53,812	\$ 53,812
02															
03	Average Rate For Withdrawals		\$7.1506	\$9.6929	\$9.6929	\$9.5768	\$9.2362	\$8.9435	\$6.5022	\$7.1011	\$7.5301	\$7.6964	\$7.6510	\$7.6510	
04															
05	LNG Rate for Injections	Sch. 6, In 143 * 10							\$7.0998	\$7.4281	\$7.6847	\$7.7370	\$7.6331	\$7.4978	
06															
07															
08	Month Dollar Average	In (93 + In 101) /2							\$ 77,657	\$ 88,272	\$ 73,917	\$ 61,836	\$ 70,552	\$ 63,460	
09															
10	Money Pool Finance Rate (per Nov 06 - Apr 07 Actuals)								5.22%	5.14%	5.15%	4.82%	3.80%	3.67%	
11															
12	Inventory Finance Charge	In 108 * In 110							\$ 338	\$ 378	\$ 317	\$ 248	\$ 223	\$ 194	\$ 1,699
13															
14															
15	Total Fuel Financing	Ins 36 + 74 + 112							\$ 92,883	\$ 84,648	\$ 70,604	\$ 51,647	\$ 27,454	\$ 18,950	\$ 346,187

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1 **ENERGY NORTH NATURAL GAS, INC.**

2 **d/b/a National Grid NH**

3 **Peak 2008 - 2009 Winter Cost of Gas Filing**

4 **Forecast of Firm Transportation Volumes and Cost of Gas Revenues**

5

6

7

**Firm Transportation**

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9

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12

	Therms 1/	Cost of Gas Rate 2/	Cost of Gas Revenue
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13

14

Nov-08	2,890,897	-\$0.0001	\$ (289)
--------	-----------	-----------	----------

15

Dec-08	3,828,625	-0.0001	(383)
--------	-----------	---------	-------

16

Jan-09	4,759,199	-0.0001	(476)
--------	-----------	---------	-------

17

Feb-09	4,968,898	-0.0001	(497)
--------	-----------	---------	-------

18

Mar-09	4,692,418	-0.0001	(469)
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19

Apr-09	<u>4,322,053</u>	-0.0001	<u>(432)</u>
--------	------------------	---------	--------------

20

21

Total	<u><b>25,462,089</b></u>		<u><b>\$ (2,546)</b></u>
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24

1/ Per Schedule 10B, line 37. Excludes special contract volumes subject to transportation cost of gas.

25

2/ Refer to Proposed Eighth Revised Page 86 for calculation of rate.

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# nationalgrid

July 28, 2008

Debra A. Howland  
Executive Director and Secretary  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, New Hampshire 03301-2429

Re: DG 07-093  
EnergyNorth Natural Gas, Inc d/b/a National Grid NH  
2007-08 Winter Period Cost of Gas Reconciliation  
REDACTED

Dear Ms. Howland:

Attached is an original and eight copies of the confidential version of the 2007-08 Winter Period Cost of Gas reconciliation filing for EnergyNorth Natural Gas, Inc d/b/a National Grid NH ("the Company"). This filing is being submitted under protective order and confidential treatment granted by the Commission in Order No. 24,797 dated October 31, 2007 in Docket DG 07-093. The Company is also submitting to the Commission today a confidential version of this filing. This reconciliation compares the actual deferred gas costs to the projections submitted in the Company's 2007-08 Winter Period Cost of Gas Filing submitted to the Commission on August 31, 2007.

The filing shows an under collection for the 2007-08 Winter Period of \$2,883,321 summarized as follows:

Winter Period Beginning Balance	\$756,088
Less: Cost of Gas Revenue Billed	(\$100,667,862)
Add: Cost of Gas Allowable (5/1/07 -10/31/07)	\$1,086,734
Add: Cost of Gas Allowable (11/1/07 -4/30/08)	<u>\$101,708,361</u>
Winter Period Ending Balance	\$2,883,321

This filing consists of a six-page summary and nine supporting schedules. Page 1 of the Summary compares the actual deferred gas costs to the projections submitted in the Company's filing including the beginning balance, interest and other allowable adjustments to gas costs, gas costs and gas cost revenue. The result is a net under collection of \$2,883,321. Page 2 of the Summary compares the actual allowed Bad Debt and Working Capital costs to the filed projections submitted in the Company's filing resulting in over collections of \$1,409,904 and \$305,654, respectively, for a net under collection for all the gas accounts of \$1,167,763. The Bad Debt and Working Capital over collections are the result of the New Hampshire Commission approving the Settlement Agreement in DG 07-050, Order No. 24,858 dated May 23, 2008, which revised the Bad Debt percent from 2.56% to 2% effective November 1, 2006 and 1.75% effective November 1, 2007, plus the Working Capital percent from .967% to .645% effective May 1, 2007. Page 3 of the Summary compares actual demand charges of \$9,298,378 to the \$9,412,304 in demand charges estimated in the filing. Page 4 shows a similar comparison for commodity costs. The actual commodity costs were \$91,510,481 compared to \$96,718,126 in the filing. The \$5,207,645 decrease in commodity costs was caused mainly by lower sendout volumes than originally forecast. The results show that the actual demand and commodity costs were \$5,321,572 lower than filed. Page 5 of the Summary provides a variance analysis that explains how much of the difference between actual costs and forecasted costs is due to weather \$1,185,807 changes in demand (\$6,495,525) and changes in gas prices (\$11,855). Page 6 of the Summary shows the calculation of the actual Transportation Cost of Gas Revenue compared to the filing.

The attached Schedule 1 provides a monthly summary of the deferred gas cost account balances including beginning balances, actual gas cost allowable, gas cost collections, and interest applied. The third page of

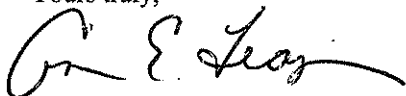
Schedule 1 provides the same information for bad debt associated with the cost of gas. Schedule 2 provides the details of gas cost by source. Schedule 3 provides the detailed calculation of winter gas cost revenue billed by rate class. Schedule 4 provides a monthly summary of the non-firm margin and capacity release credits to the winter cost of gas account. Schedule 5 provides the monthly summary of the deferred gas cost balances associated with gas working capital. It shows the monthly beginning account balances, working capital allowable, the working capital collections and the interest applied to derive the monthly ending balances. Schedule 6 shows the bad debt and working capital calculation that determines the amount of expense booked for those items. Schedule 7 provides the backup calculations for the revenue billed to recover working capital and bad debt by rate class. Schedule 8 provides a summary of the monthly commodity costs and related volumes. Schedule 9 provides a summary of the monthly prime interest rates used to calculate the interest on the deferred balances.

Also enclosed is an Attachment A, which provides the detail calculation of the revised bad debt and working capital prior period adjustment. On May 23, 2008, the Commission approved a Partial Settlement Agreement in DG 07-050 in Order No. 24,858. Specifically, the Order approved the settlement agreement which allowed the Company to use a bad debt percentage of 2.00 percent for the period November 1, 2006 through October 31, 2007 and 1.75 percent for the period November 1, 2007. The 1.75% factor will remain in place until a new bad debt percentage is determined in the base rate case. In addition the Order approved the settlement agreement that allowed the Company to use a net lag of 13.48 days to calculate its cash working capital effective May 1, 2007. The net 13.48 lag days results in a working capital percentage of 0.645 percent. Attachment A provides the calculation of the November 06 – October 07 prior period adjustment for the bad debt and the May 1, 2007 – October 31, 2007 working capital calculations.

Please return one copy of this filing to me bearing the Commission's receipt stamp in the envelope that has been provided for your convenience.

Please contact me by phone at 781-907-1836, or by e-mail at [Ann.Leary@us.ngrid.com](mailto:Ann.Leary@us.ngrid.com), if you have any further questions.

Yours truly,



Ann E. Leary  
Manager of Pricing – New England

Enclosures

cc: Meredith A. Hatfield, Esq.  
Steven V. Camerino, Esq.  
Thomas P. O'Neill, Esq.



**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KeySpan Energy Delivery New England**  
**WINTER 2007-2008 COST OF GAS RESULTS**  
**DG 07-093**  
**NOVEMBER 2007 THROUGH APRIL 2008**

	<u>Original</u> <u>Filing 1/</u>	<u>Actual</u>	<u>Difference</u>
<b><u>Peak Gas cost Account 175.20</u></b>			
Balance 05/01/07- (Over) / Under	\$756,088	\$756,088 2/	(\$0)
Peak Gas Costs 5/1/07 - 10/31/07	1,618,891	\$1,657,690 3/	38,799
Fuel Financing 5/1/07 - 10/31/07	358,555	142,172 3/	(216,383)
Prior Period Adjustment 5/1/07-10/31/07	17,838	17,994 3/	156
Broker Revenue 5/1/07 - 10/31/07	(397,526)	(407,021) 3/	(9,495)
280 Day Margins 5/1/07 - 10/31/07	(50,976)	(17,159) 4/	33,817
IT Sales Margins 5/1/07 - 10/31/07	(3,815)	(110) 4/	3,705
Off System Sales Margin 5/1/07 - 10/31/07	(40,318)	(39,057) 4/	1,261
Capacity Release 5/1/07 - 10/31/07	(258,694)	(336,984) 4/	(78,290)
Interest 5/1/07 - 10/31/07	76,310	69,208 3/	(7,102)
Sum 5/1/07 - 10/31/07 costs	\$1,320,265	\$1,086,734	(\$233,531)
Beginning Balance 10/31/07 (Over)/Under	\$2,076,353	\$1,842,821	(\$233,532)
Interest 11/1/07 - 4/30/08	473,812	359,198	(114,614)
Prior Period Adjustments	0	0	0
Interruptible Sales Margin 11/1/07 - 4/30/08	(1,440)	(1,968)	(528)
280-Day Margin 11/1/07 - 4/30/08	(31,779)	(6,165)	25,614
Off System Sales Margin 11/1/07 -4/30/08	(97,560)	(1,427)	96,133
Capacity Release Credits 11/1/07 - 4/30/08	(6,504)	(1,907)	4,597
Other Transportation Related Margins	0	0	0
Fixed Price Option Admin Costs	36,142	36,312	170
Broker Revenues 11/1/07 - 4/30/08	(208,267)	(416,517)	(208,250)
Production & Storage	2,105,212	2,105,212	0
Misc Overhead	107,477	107,477	0
Fuel Financing 11/1/07 - 4/30/08	382,055	459,245	77,190
Liberty Consulting Costs	-	32,412	32,412
Transportation Cost of Gas Revenue	(83,086)	(114,678)	(31,592)
Total Adjustment to Costs	\$2,676,062	\$2,557,193	(\$118,869)
Gas Costs 11/1/07 - 4/30/08	104,511,540	\$99,151,168	(\$5,360,372)
Total Gas Costs and Adjustments 11/07 -4/08	107,187,602	\$101,708,361	(\$5,479,241)
Gas Cost Billed	(\$109,263,955)	(100,667,862)	\$8,596,093
<b>Total (Over) / Under 04/30/08</b>	<b>\$0</b>	<b>\$2,883,321</b>	<b>\$2,883,321</b>

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**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KeySpan Energy Delivery New England**  
**WINTER 2007-2008 COST OF GAS RESULTS**  
**DG 07-093**  
**NOVEMBER 2007 THROUGH APRIL 2008**

	<u>Original</u> <u>Filing 1/</u>	<u>Actual</u>	<u>Difference</u>
<b><u>Bad Debts Account 175.52</u></b>			
Beginning Balance	\$30,927	\$30,927	(\$0)
BD Costs 5/1/07-10/31/07	42,008	32,809 5/	(9,199)
Interest 5/1/07-10/31/07	2,625	2,401 5/	(224)
Beginning Balance 10/31/07 (Over)/Under	\$75,560	\$66,136	(\$9,424)
Bad Debt Costs 11/1/07 - 4/30/08	2,731,756	1,759,367	(972,389)
Bad Debt CGA Billed	(2,820,246)	(2,611,964)	208,282
Adjustment		(601,780)	(601,780)
Interest	12,930	(21,663)	(34,593)
Total (Over) / Under 04/30/08	\$0	(\$1,409,904)	(\$1,409,904)
<b><u>Working Capital Account 142.20</u></b>			
Beginning Balance	\$15,763	\$15,763	(\$0)
WC Costs 5/1/07-10/31/07	15,655	12,227 6/	(3,428)
Interest 5/1/07-10/31/07	1,160	1,070 6/	(90)
Beginning Balance 10/31/07 (Over)/Under	\$32,578	\$29,059	(\$3,519)
Working Capital Costs 11/1/07-4/30/08	1,010,626	639,451	(371,175)
Working Capital CGA Billed	(1,047,991)	(968,381)	79,610
Adjustment	-	(4,154)	(4,154)
Interest	4,787	(1,629)	(6,416)
Total (Over) / Under 04/30/08	\$0	(\$305,654)	-\$305,654
<b>Total 175.20, 175.52, 142.20</b>	<b>\$0</b>	<b>\$1,167,763</b>	<b>\$1,167,763</b>

1/ As filed 8-31-07 in the Winter 2007-2008 Cost of Gas DG 07-093

2/ The beginning balance is the sum of the actual April 30, 2007 balance \$5,878,396 less the May 2007 Billings of \$5,122,308.

3/ The 5/1/07 - 10/31/07 costs are per Schedule 1, page 1, of the Summer 2007 Reconciliation filed on January 30, 2008 in DG 07-034.

4/ The 5/1/07 - 10/31/07 costs are per Schedule 4, of the Summer 2007 Reconciliation filed on January 30, 2008 in DG 07-034.

5/ The 5/1/076 - 10/31/07 costs are per Schedule 1, page 3, of the Summer 2007 Reconciliation filed on January 30, 2008 in DG 07-034

6/ The 5/1/07 - 10/31/07 costs are per Schedule 5, of the Summer 2007 Reconciliation filed on January 30, 2008 in DG 07-034.

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**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KeySpan Energy Delivery New England**  
**WINTER 2007-2008 COST OF GAS RESULTS**  
**DG 07-093**

**SUMMARY OF DEMAND CHARGES FOR PERIOD**  
**NOVEMBER 2007 THROUGH APRIL 2008**

	<u>Filing</u>	<u>1/ Actual</u> <u>May 07 - Oct 07</u>	<u>Actual</u> <u>Nov 07 - Apr 08</u>	<u>Actual</u> <u>Total</u> <u>Peak Demand</u> <u>(d)=(b)+(c)</u>	<u>Difference</u> <u>(e)=(d)-(a)</u>
	<u>(a)</u>	<u>(b)</u>	<u>(c)</u>		
<b><u>Supplies:</u></b>					
BP/Nexen					
Chevron					
IEC					
Other					
Subtotal Supply Demand Charges	\$4,949	\$0	\$13,250	\$13,250	\$8,301
<b><u>Pipelines:</u></b>					
Iroquois Gas Trans	\$160,191	\$0	\$147,824	\$147,824	(\$12,367)
TGP NET 33371	254,640	-	234,884	234,884	(\$19,756)
TGP FTA Z5-Z6 2302	92,349	-	85,112	85,112	(\$7,237)
TGP FTA Z0 - Z6 8587	2,158,540	-	1,991,632	1,991,632	(\$166,908)
TGP Dracut FTA Z6 - Z6 42076	379,200	-	349,695	349,695	(\$29,505)
Portland Natual Gas Pipeline	155,125	-	136,411	136,411	(\$18,714)
ANE (Uniongas and TransCanada)	\$185,785	\$ -	\$191,177	\$191,177	\$5,392
TGP FTA 632	1,078,930	509,939	501,910	1,011,849	(\$67,081)
TGP FTA 11234	616,332	291,308	286,728	578,036	(\$38,296)
National Fuel	245,959	137,618	114,392	252,009	\$6,050
Subtotal Pipeline Demand Charges	\$5,327,051	\$938,864	\$4,039,765	\$4,978,629	(\$348,422)
<b><u>Peaking Supply</u></b>					
Granite Ridge					
DOMAC					
Transgas Trucking					
Subtotal Peaking Supply	\$3,502,326	\$122,834	\$3,410,733	\$3,533,567	\$31,241
<b><u>Propane</u></b>					
Energy North Propane	\$0	\$0	\$43	\$ 43	\$43
<b><u>Storage:</u></b>					
Demand & Capacity Charges	\$1,297,152	\$ 616,170.65	\$ 591,875.53	\$ 1,208,046	(\$89,106)
<b><u>Other:</u></b>					
Capacity Managed	(\$719,174)	\$ (20,178.44)	(\$414,979)	\$ (435,157)	\$284,017
<b>Total Demand Charges (Forward to Page 4)</b>	<b>\$9,412,304</b>	<b>\$1,657,690</b>	<b>\$7,640,687</b>	<b>\$9,298,378</b>	<b>(\$113,926)</b>

1/ Actual Peak Demand costs as filed in Schedule 2B of the Summer 2007 Cost of Gas Reconciliation, DG 07-034 filed January 30, 2008

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**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KeySpan Energy Delivery New England**  
**WINTER 2007-2008 COST OF GAS RESULTS**  
**DG 07-093**

**SUMMARY OF COMMODITY COSTS FOR PERIOD**  
**NOVEMBER 2007 THROUGH APRIL 2008**

	<u>Filing</u>	<u>Average Cost per Therm</u>	<u>Actual</u>	<u>Average Cost per Therm</u>	<u>Difference</u>	
<b>Demand Charges (Brought from Page 3):</b>	<b>\$9,412,304</b>		<b>\$9,298,378</b>		<b>(\$113,926)</b>	
<b><u>TGP</u></b>						
Therms						
Cost						
<b><u>Spot Gas</u></b>						
Therms						
Cost						
<b><u>Canadian</u></b>						
Therms						
Cost						
<b><u>PNGTS</u></b>						
Therms						
Cost						
<b><u>Granite Ridge</u></b>						
Therms						
Cost						
<b><u>City Gate Delivered Supply</u></b>						
Therms						
Cost						
<b><u>Storage gas - commodity withdrawn</u></b>						
Therms						
Cost						
<b><u>Propane</u></b>						
Therms						
Cost						
<b><u>LNG</u></b>						
Therms						
Cost						
<b><u>Hedging (Gains) Losses</u></b>						
Other - Cashout, Broker Penalty, Canadian Managed						
Therms						
Cost						
Prior period Adj						
Subtotal:						
Volumes (net of fuel retention)	100,833,527		94,673,230		(6,160,297)	
Cost	\$ 96,718,126	0.9592	\$ 91,510,481	0.9666	\$ (5,207,645)	0.0074
Total Demand and Commodity Costs	\$ 106,130,430		\$ 100,808,858		\$ (5,321,572)	
Demand (therms):	100,833,527		94,673,230		(6,160,297)	
Firm Gas Sales	96,670,889		88,842,320		(7,828,569)	
Lost Gas (Unaccounted For)	1,266,177		2,285,832		1,019,655	
Unbilled Therms	2,652,559		3,317,645		665,086	
Fuel Retention	-		-		-	
Company Use	243,902		227,433		(16,469)	
Total Demand	100,833,527		94,673,230		(6,160,297)	

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**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KeySpan Energy Delivery New England**  
**WINTER 2007-2008 COST OF GAS RESULTS**  
**DG 07-093**

	(A) Actual Volume	(B) Normal Volume	(C) Actual Rate	(A-B)*C Difference
<b><u>Weather Variance - Volume Impact</u></b>				
TGP				
Spot Gas				
AES				
PNGTS				
ANE/BP NEXEN				
Domac				
Storage gas - commodity withdrawn				
Propane				
LNG				
Total Volume Weather Variance	94,673,230	93,398,873		\$ 1,185,807
	(A) Forecast Volume	(B) Actual Volume	(C) Forecast Rate	(B-A)*C Difference
<b><u>Demand Variance - Commodity Costs</u></b>				
TGP				
AES Londonderry				
PNGTS				
Canadian				
City Gate Delivered Supply				
Storage gas - commodity withdrawn				
Propane				
LNG				
Total Demand Variance (Less: Fuel Retention)	100,833,527	94,673,230		\$ (5,309,717)
<b>Demand Variance Net of Weather Variance</b>				(6,495,525)
	(A) Actual Volume	(B) Forecast Rate	(C) Actual Rate	(C-B)*A Difference
<b><u>Rate Variance - Commodity Costs</u></b>				
TGP				
AES Londonderry				
PNGTS				
Canadian				
City Gate Delivered Supply				
Storage gas - commodity withdrawn				
Propane				
LNG				
Total Commodity Cost Rate Variance	94,673,230			\$ (406,028)
Demand Charge Variance (from page 3)				(113,926)
Other Rate Variance (from page 4)				
Hedging (Gains)/Losses				1,429,887
Cashout, Broker Penalty, Canadian Managed, Prior Period Adjustments				(921,787)
Total Rate Variance				\$ (11,855)
Due to Weather Variance				1,185,807
Due to Demand Variance (from above)				(6,495,525)
Total Gas Cost Variance				\$ (5,321,572)

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**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KeySpan Energy Delivery New England**  
**WINTER 2007-2008 COST OF GAS RESULTS**  
**DG 07-093**

	FILING	ACTUAL
Cost of Propane	\$ 2,310,315	\$ 715,737
Cost of LNG	<u>989,441</u>	<u>293,454</u>
Total Costs	3,299,756	1,009,191
Percentage of Supplies Used For Pressure Support Purposes	<u>14.1%</u>	<u>14.1%</u>
Cost of Supplies Used For Pressure Support Purposes	<u>465,266</u>	<u>142,296</u>
 Firm Therms Sold	 96,670,889	 88,842,320
Firm Therms Transported	<u>19,782,286</u>	<u>27,304,327</u>
Total Therms	116,453,175	116,146,646
 Actual Liquid Cost/Therm	 0.0040	 0.0012
 Firm Therms Transported	 <u>19,782,286</u>	 <u>27,304,327</u>
 Liquid Costs Allocated to Transported Therms	 79,036	 33,452
Prior (Over) or under Collection	<u>4,474</u>	<u>4,474</u>
Total	<u>83,510</u>	<u>37,926</u>
 Costs Recovered:		
 Therms Transported	 19,782,286	 27,304,327
Recovery Rate	<u>0.0042</u>	<u>0.0042</u>
Costs Recovered	<u>83,510</u>	<u>114,678</u>
 (Over) / Under Collection For Period	 -	 (76,753)

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
PEAK DEMAND AND COMMODITY  
SCHEDULE 1  
ACCOUNT 175.20

FOR THE MONTH OF: DAYS IN MONTH	Nov-07 30	Dec-07 31	Jan-08 31	Feb-08 29	Mar-08 31	Apr-08 30	May-08	Total
1 BEGINNING BALANCE	\$ 1,842,821	\$ 9,843,311	\$ 11,750,568	\$ 13,627,085	\$ 14,554,520	\$ 13,715,887	\$ 7,915,782	\$ 1,842,821
2								
3 Add: Actual Costs	12,124,209	19,736,743	22,043,828	20,487,419	16,933,298	7,825,671		99,151,168
4								
5 Add: FPO Admin Costs	36,312	-	-	-	-	-		36,312
6 Add: MISC OH	17,913	17,913	17,913	17,913	17,913	17,913		107,477
7 Add: Production and Storage	350,869	350,869	350,869	350,869	350,869	350,869		2,105,212
8 Add: Fuel Financing	40,507	65,535	65,535	87,473	65,054	65,054		389,157.32
9 Reverse Fuel Finance Estimate		(23,335)			(65,535)			(88,869.96)
10 Add new Fuel Finance Estimate		91,534			67,424			158,957.42
11								-
12 Add: Liberty Consulting Expense	-	-	-	32,412	-	-		32,412
13								
14 Less: CUSTOMER BILLINGS	(4,551,632)	(18,327,945)	(20,560,320)	(20,041,807)	(18,173,630)	(14,094,745)	(5,032,461)	(100,782,540)
15	-	-	-					
16 Less: REFUND	-	-	-	-	-	-		-
17								
18 Less: Broker Revenues	(50,697)	(65,305)	(116,307)	(73,857)	(101,813)	(8,539)	-	(416,517)
19								
20 NON FIRM MARGIN AND CREDITS	(2,899)	(5,757)	-	-	-	(2,811)	-	(11,467)
21								
22 ENDING BALANCE PRE INTEREST	\$ 9,807,403	\$ 11,683,560	\$ 13,552,085	\$ 14,487,507	\$ 13,648,100	\$ 7,869,300	\$ 2,883,321	\$ 2,524,123
23								
24 MONTH'S AVERAGE BALANCE	5,825,112	10,763,436	12,651,327	14,057,296	14,101,310	10,792,593		
25								
26 INTEREST RATE	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%		
27								
28 INTEREST APPLIED	35,908	67,008	75,000	67,013	67,787	46,482		359,198
29								
30 ENDING BALANCE	\$ 9,843,311	\$ 11,750,568	\$ 13,627,085	\$ 14,554,520	\$ 13,715,887	\$ 7,915,782	\$ 2,883,321	\$ 2,883,321

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**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2007 THROUGH APRIL 2008**  
**OFF PEAK DEMAND AND COMMODITY**  
**SCHEDULE 1**  
**ACCOUNT 175.40**

FOR THE MONTH OF: DAYS IN MONTH		Nov-07 30	Dec-07 31	Jan-08 31	Feb-08 29	Mar-08 31	Apr-08 30	May-08	Total
1	BEGINNING BALANCE	\$ 2,798,019	\$ 144,651	\$ 145,552	\$ 146,415	\$ 147,113	\$ 147,820	\$ 148,457	2,798,019
2									
3	Add: ACTUAL COST	-	-	-	-	-	-		\$ -
4									
5	Add: MISC OH & PROD and STOR	-	-	-	-	-	-		-
6									
7	Less: CUSTOMER BILLINGS	(2,662,410)	-	-	-	-	-		(2,662,410)
8									
9	Add: ADJUSTMENTS	-	-	-	-	-	-	-	-
10									
11	ENDING BALANCE PRE INTEREST	\$ 135,609	\$ 144,651	\$ 145,552	\$ 146,415	\$ 147,113	\$ 147,820	\$ 148,457	\$ 135,609
12									
13	MONTH'S AVERAGE BALANCE	1,466,814	144,651	145,552	146,415	147,113	147,820		
14									
15	INTEREST RATE	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%		
16									
17	INTEREST APPLIED	9,042	901	863	698	707	637		12,848
18									
19	ENDING BALANCE	\$ 144,651	\$ 145,552	\$ 146,415	\$ 147,113	\$ 147,820	\$ 148,457	\$ 148,457	\$ 148,457

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**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2007 THROUGH APRIL 2008**  
**PEAK BAD DEBT**  
**SCHEDULE 1**  
**ACCOUNT 175.52**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>Nov-07 30</b>	<b>Dec-07 31</b>	<b>Jan-08 31</b>	<b>Feb-08 29</b>	<b>Mar-08 31</b>	<b>Apr-08 30</b>	<b>May-08</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ 66,136	\$ (440,135)	\$ (566,187)	\$ (718,635)	\$ (890,263)	\$ (1,069,261)	\$ (1,289,664)	66,136
2									
3	Add: COST ALLOW	215,696	349,725	390,460	363,048	300,449	139,988		\$ 1,759,367
4									
5	Prior Period Bad Debt Adj Nov 06 - Oct 07 1/	(601,780)							(601,780)
6									
7	Reclass balance to Peak 175.20						-	-	-
8									
9	Less: CUSTOMER BILLING\$	(119,039)	(472,654)	(539,112)	(530,849)	(474,749)	(355,322)	(120,240)	(2,611,964)
10									
11	ENDING BALANCE PRE INTEREST	\$ (438,986)	\$ (563,064)	\$ (714,838)	\$ (886,437)	\$ (1,064,562)	\$ (1,284,595)	\$ (1,409,904)	\$ (1,388,241)
12									
13	MONTH'S AVERAGE BALANCE	(186,425)	(501,600)	(640,513)	(802,536)	(977,413)	(1,176,928)		
14									
15	INTEREST RATE	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%		
16									
17	INTEREST APPLIED	(1,149)	(3,123)	(3,797)	(3,826)	(4,699)	(5,069)		\$ (21,663)
18									
19	ENDING BALANCE	\$ (440,135)	\$ (566,187)	\$ (718,635)	\$ (890,263)	\$ (1,069,261)	\$ (1,289,664)	\$ (1,409,904)	\$ (1,409,904)

1/ Per the approved Settlement in Order No. 24,858 issued on May 23, 2008 in Docket No. DG 07-050 the Bad Debt rate for November 06 - October 07 was revised from 2.56% to 2.00% and to 1.75% as of November 1, 2007. The above adjustment reflects the percentage change for Nov 06 to Oct 07. See Attachment A for the adjustment calculations

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
OFF PEAK BAD DEBT  
SCHEDULE 1  
ACCOUNT 175.54

FOR THE MONTH OF: DAYS IN MONTH		Nov-07 30	Dec-07 31	Jan-08 31	Feb-08 29	Mar-08 31	Apr-08 30	May-08	Total
1	BEGINNING BALANCE	\$ 49,163	\$ (141,273)	\$ (142,152)	\$ (142,995)	\$ (143,677)	\$ (144,368)	\$ (144,990)	49,163
3	Add: COST ALLOW	-	-	-	-	-	-		\$ -
5	Prior Period Bad Debt Adj Nov 06 - Oct 07 1/	(112,556)			-				(112,556)
7	Less: CUSTOMER BILLING\$	(77,597)	-	-	-	-	-	-	(77,597)
9	ENDING BALANCE PRE INTEREST	\$ (140,990)	\$ (141,273)	\$ (142,152)	\$ (142,995)	\$ (143,677)	\$ (144,368)	\$ (144,990)	\$ (140,990)
11	MONTH'S AVERAGE BALANCE	(45,914)	(141,273)	(142,152)	(142,995)	(143,677)	(144,368)		
13	INTEREST RATE	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%		
15	INTEREST APPLIED	(283)	(879)	(843)	(682)	(691)	(622)		(4,000)
17	ENDING BALANCE	\$ (141,273)	\$ (142,152)	\$ (142,995)	\$ (143,677)	\$ (144,368)	\$ (144,990)	\$ (144,990)	\$ (144,990)

1/ Per the approved Settlement Order No. 24,858 issued on May 23,2008 in Docket No. DG 07-050 the Bad Debt rate for November 06 - October 07 was revised from 2.56% to 2.00%. See Attachment A for the adjustment calculations.

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
GAS COSTS BY SOURCE  
SCHEDULE 2A

FOR THE MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
<b>1 DEMAND</b>							
2							
3 ALBERTA NORTHEAST							
4 BP							
5 Other							
6 TOTAL CANADIAN	\$ 40,002.51	\$ 40,335.48	\$ 23,027.07	\$ 29,991.09	\$ 30,983.20	\$ 31,548.00	\$ 195,887.35
7							
8 PEAKING SUPPLY	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	120,000.00
9							
10 TRANSPORT CAPACITY	654,288.17	643,033.38	652,192.80	640,839.39	630,767.77	631,066.39	3,852,187.90
11							
12 STORAGE FIXED COSTS	102,399.19	107,891.11	80,096.87	100,640.57	100,497.35	100,350.44	591,875.53
13							
14 LNG	219,500.00	986,715.40	913,502.54	878,302.54	292,712.87	-	3,290,733.35
15							
16 PROPANE	6.30	4.20	8.70	7.64	7.94	7.94	42.72
17							
18 CANADIAN CAPACITY MANAGED	(1,314.86)	(116,941.35)	(67,871.71)	(74,756.95)	(76,188.18)	(77,905.84)	(414,978.89)
19							
20 OTHER	532.50	500.00	500.00	500.00	500.00	500.00	3,032.50
21							
22 CAPACITY RELEASE ADJUSTMENT	-	-	-	-	-	1,906.83	1,906.83
23							
24 <b>TOTAL DEMAND</b>	<b>\$ 1,035,413.81</b>	<b>\$ 1,681,538.22</b>	<b>\$ 1,621,456.27</b>	<b>\$ 1,595,524.28</b>	<b>\$ 999,280.95</b>	<b>\$ 707,473.76</b>	<b>\$ 7,640,687.29</b>
25							
26 <b>COMMODITY</b>							
27							
28 ALBERTA NORTHEAST							
29 DTE Energy							
30 SEMPRA							
31 Nexen							
32 SUBTOTAL CANADIAN COMMODITY							
33							
34 PIPELINE TRANSPORT COMM.							
35							
36 PEAKING SUPPLY							
37							
38 GAS SUPPLY							
39							
40 STORAGE COMMODITY							
41							
42 LNG							
43							
44 PROPANE							
45							
46 <b>OTHER COST ADJUSTMENTS</b>							
47 CANADIAN CAPACITY MANAGED							
48 SUPPLIER CASHOUT							
49 NET OTHER COST ADJUSTMENTS	(25,199.60)	(221,196.98)	(334,897.02)	(180,748.33)	(62,912.77)	(35,152.00)	(860,106.70)
50							
51 <b>SUBTOTAL COMMODITY COST</b>	<b>\$ 11,123,530.90</b>	<b>\$ 18,094,715.91</b>	<b>\$ 20,422,371.97</b>	<b>\$ 18,891,894.77</b>	<b>\$ 15,934,017.08</b>	<b>\$ 7,343,719.19</b>	<b>\$ 91,810,249.82</b>
52							
53 OFF SYSTEM SALES COST							
54 NON-FIRM COST							
55							
56 <b>TOTAL COMMODITY COST</b>	<b>\$ 11,088,794.82</b>	<b>\$ 18,055,204.91</b>	<b>\$ 20,422,371.97</b>	<b>\$ 18,891,894.77</b>	<b>\$ 15,934,017.08</b>	<b>\$ 7,118,197.01</b>	<b>\$ 91,510,480.56</b>
57							
58							
59							
60							
61							
62							
63							
64							
65							
66 <b>Total Peak Demand</b>	<b>\$ 1,035,413.81</b>	<b>\$ 1,681,538.22</b>	<b>\$ 1,621,456.27</b>	<b>\$ 1,595,524.28</b>	<b>\$ 999,280.95</b>	<b>\$ 707,473.76</b>	<b>\$ 7,640,687.29</b>
67 <b>Off-Peak Demand</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
68 <b>Total Demand</b>	<b>\$ 1,035,413.81</b>	<b>\$ 1,681,538.22</b>	<b>\$ 1,621,456.27</b>	<b>\$ 1,595,524.28</b>	<b>\$ 999,280.95</b>	<b>\$ 707,473.76</b>	<b>\$ 7,640,687.29</b>
69							
70 <b>Total Peak Commodity</b>	<b>\$ 11,088,794.82</b>	<b>\$ 18,055,204.91</b>	<b>\$ 20,422,371.97</b>	<b>\$ 18,891,894.77</b>	<b>\$ 15,934,017.08</b>	<b>\$ 7,118,197.01</b>	<b>\$ 91,510,480.56</b>
71 <b>Off-Peak Commodity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
72 <b>Total Commodity</b>	<b>\$ 11,088,794.82</b>	<b>\$ 18,055,204.91</b>	<b>\$ 20,422,371.97</b>	<b>\$ 18,891,894.77</b>	<b>\$ 15,934,017.08</b>	<b>\$ 7,118,197.01</b>	<b>\$ 91,510,480.56</b>
73							
74 <b>Firm Sendout Costs</b>	<b>\$ 12,124,208.63</b>	<b>\$ 19,736,743.13</b>	<b>\$ 22,043,828.24</b>	<b>\$ 20,487,419.05</b>	<b>\$ 16,933,298.03</b>	<b>\$ 7,825,670.77</b>	<b>\$ 99,151,167.85</b>

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
DETAIL GAS COSTS BY SOURCE  
SCHEDULE 2B

FOR THE MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
1 DEMAND							
2 <u>Supply</u>							
3 ALBERTA NORTHEAST							
4 Northeast Gas Markets/BP							
5 Other							
6 Total Canadian Supply	\$ 40,002.51	\$ 40,335.48	\$ 23,027.07	\$ 29,991.09	\$ 30,983.20	\$ 31,548.00	\$ 195,887.35
7							
8 <u>Peaking Supply</u>							
9 Granite Ridge							
10							
11 <u>Transport Capacity</u>							
12 Iroquois 470-01-RTS	\$ 25,016.18	\$ 24,778.70	\$ 24,659.96	\$ 24,475.23	\$ 24,435.65	\$ 24,457.86	\$ 147,823.58
13 National Fuel N02358	19,320.18	16,472.74	21,807.97	18,960.53	18,930.28	18,900.03	114,391.73
14 PNGTS FT-1999-001	24,736.13	25,250.18	25,773.35	25,245.90	15,514.17	19,634.53	136,154.26
15 TGP 632 FTA	84,880.80	89,910.84	78,024.83	83,160.91	83,031.33	82,901.75	501,910.46
16 TGP 2302 FTA Zone 5-6	14,415.32	15,391.46	13,089.15	14,094.87	14,070.22	14,050.50	85,111.52
17 TGP 8587 FTA	337,206.36	312,795.30	353,592.82	329,846.80	329,328.86	328,862.24	1,991,632.38
18 TGP 11234 FTA	48,491.58	51,361.41	44,578.35	47,510.08	47,436.38	47,349.96	286,727.76
19 TGP 33371 NET	39,787.50	42,440.00	36,105.83	38,896.26	38,853.82	38,800.77	234,884.18
20 TGP 42076 FTA	59,215.24	63,200.00	53,814.80	57,907.00	57,821.68	56,086.36	348,045.08
21 Chevron	1,218.88	1,432.75	745.74	741.81	1,345.38	22.39	5,506.95
22							
23 Subtotal Transport Capacity	\$ 654,288.17	\$ 643,033.38	\$ 652,192.80	\$ 640,839.39	\$ 630,767.77	\$ 631,066.39	\$ 3,852,187.90
24							
25 <u>Storage Fixed</u>							
26 Dominion 300076-Storage	\$ 3,057.69	\$ 3,037.60	\$ 3,021.70	\$ 2,998.04	\$ 2,994.06	\$ 2,988.11	\$ 18,097.20
27 NFG Deliverability FSS 2357	39,713.96	53,987.83	24,686.90	38,962.53	38,901.53	38,839.66	235,092.41
28 Tenn Reservation FSMA 523	50,881.03	42,123.41	43,643.88	49,935.61	49,857.37	49,778.28	286,219.58
29 HONEOYE STORAGE SS-NY	8,746.51	8,742.27	8,744.39	8,744.39	8,744.39	8,744.39	52,466.34
30 Subtotal Storage	\$ 102,399.19	\$ 107,891.11	\$ 80,096.87	\$ 100,640.57	\$ 100,497.35	\$ 100,350.44	\$ 591,875.53
31							
32 LNG / DISTRIGAS FLS 164							
33 LNG/ DISTRIGAS FVS 301							
34 LNG/ DISTRIGAS FLS160							
35 Transgas Trucking							
36 Subtotal DISTRIGAS	\$ 219,500.00	\$ 986,715.40	\$ 913,502.54	\$ 878,302.54	\$ 292,712.87	\$ -	\$ 3,290,733.35
37							
38 <u>Propane</u>							
39 En Propane	\$ 6.30	\$ 4.20	\$ 8.70	\$ 7.64	\$ 7.94	\$ 7.94	\$ 42.72
40							
41 Intercontinental Exchange	\$ 533	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 3,032.50
42							
43 Capacity Managed - Canadian							
44							
45 Demand Subtotal	\$ 1,035,413.81	\$ 1,681,538.22	\$ 1,621,456.27	\$ 1,595,524.28	\$ 999,280.95	\$ 705,566.93	\$ 7,638,780.46
46							
47 Capacity Release Adjustment							
48 TGP FT-A 42076							
49 PNGTS FT							
50							
51							
52 TOTAL DEMAND	\$ 1,035,413.81	\$ 1,681,538.22	\$ 1,621,456.27	\$ 1,595,524.28	\$ 999,280.95	\$ 707,473.76	\$ 7,640,687.29

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
DETAIL GAS COSTS BY SOURCE  
SCHEDULE 2B

FOR THE MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
<b>COMMODITY</b>							
<u>Canadian Supply</u>							
BP							
DTE Energy							
Sempra							
Nexen							
<b>Subtotal Canadian Commodity</b>							
<u>Pipeline Transport</u>							
ANE Union/Dawn							
Dominion							
El Paso							
Iroquois							
National Fuel							
PNGTS							
<b>Subtotal Transp Commodity</b>							
<b>PNGTS Supply</b>							
Dte Energy							
Emera							
Conoco							
<b>Subtotal PNGTS</b>							
<u>Gas Supply</u>							
ANE Refund							
Chevron							
Colonial Energy							
Cokinos							
Constellation Energy							
Coral							
Devon Gas							
Emera							
ETC							
FEMT							
FPL Energy							
Hess							
L. Dreyfus							
Merrill							
NJ Energy							
Spark Energy							
Tenaska							
Total Gas & Power							
UBS							
VPEM							
<b>Total Other TGP Supply</b>							
<b>Peaking Supply</b>							
Granite Ridge (formerly AES )							
NYMEX Hedging - Settlement							
<b>STORAGE WITHDRAWALS</b>							
<b>STORAGE INJECTIONS</b>							
DISTRIGAS							
LNG VAPOR							
LNG INJECTIONS							
<b>Subtotal LNG</b>							
<b>PROPANE</b>							
Propane Storage Withdrawal							
Energy North Propane							
<b>Subtotal Propane</b>							
OP Broker Cashout Trueup							
Broker Cashout							
<b>Subtotal Cashouts</b>							
Capacity Managed - Canadian							
Broker Inventory							
<b>Subtotal Capacity Managed</b>							
<b>TOTAL COMMODITY</b>							
Off System Gas Sales Cost							
NON-FIRM COST							
<b>NET COMMODITY COST</b>	\$ 11,088,794.82	\$ 18,055,204.91	\$ 20,422,371.97	\$ 18,891,894.77	\$ 15,934,017.08	\$ 7,118,197.01	\$ 91,510,480.56

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
DETAIL GAS COSTS BY SOURCE  
SCHEDULE 2B

135								
136	FOR THE MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
137								
138	Peak Demand 175.20	\$ 1,035,413.81	\$ 1,681,538.22	\$ 1,621,456.27	\$ 1,595,524.28	\$ 999,280.95	\$ 707,473.76	\$ 7,640,687.29
139	Peak Commodity 175.20	11,088,794.82	18,055,204.91	20,422,371.97	18,891,894.77	15,934,017.08	7,118,197.01	91,510,480.56
140	Total Peak Gas Costs	\$ 12,124,208.63	\$ 19,736,743.13	\$ 22,043,828.24	\$ 20,487,419.05	\$ 16,933,298.03	\$ 7,825,670.77	\$ 99,151,167.85
141								
142	Off-Peak Demand 175.40	-	-	-	-	-	-	-
143	Off-Peak Comm 175.40	-	-	-	-	-	-	-
144	Total Off-Peak Gas Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
145								
146	Firm Sendout Costs	\$ 12,124,208.63	\$ 19,736,743.13	\$ 22,043,828.24	\$ 20,487,419.05	\$ 16,933,298.03	\$ 7,825,670.77	\$ 99,151,167.85

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
SCHEDULE 3  
WINTER CGAC GAS REVENUES BILLED

FOR MONTH OF:	Nov-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Total	Total
	OffPeak	Peak						Peak	Peak	OffPeak
<b>1 VOLUMES</b>										
<b>2 RESIDENTIAL</b>										
3 R-1	32,960	40,203	111,012	117,811	114,960	108,584	97,495	50,661	640,726	32,960
4 R-1 FPO	2,972	3,834	12,386	13,183	12,919	11,858	10,390	4,886	69,456	2,972
5 R-3	1,306,239	1,593,292	6,609,977	7,133,154	7,006,542	6,221,957	4,558,163	1,419,167	34,542,252	1,306,239
6 R-3 FPO	227,899	476,798	1,722,112	1,849,321	1,766,594	1,576,367	1,167,509	377,584	8,936,285	227,899
7 R-4	35,874	43,758	267,130	400,492	573,388	598,695	576,252	215,389	2,675,104	35,874
8 R-4 FPO	20,235	8,993	93,200	120,490	193,412	165,321	147,013	47,844	776,273	20,235
9 Total Residential	1,626,179	2,166,878	8,815,817	9,634,451	9,667,815	8,682,782	6,556,822	2,115,531		
<b>10 COMMERCIAL/INDUSTRIAL</b>										
11 G41 - G43	1,105,909	1,355,496	5,640,960	6,829,731	6,499,600	5,734,943	4,138,982	1,401,267	31,600,979	1,105,909
12 G41 - G43 (FPO)	99,544	100,383	646,837	770,426	743,653	680,102	505,985	137,497	3,584,883	99,544
13 Total G41 - G43	1,205,453	1,455,879	6,287,797	7,600,157	7,243,253	6,415,045	4,644,967	1,538,764		
14 G51 - G63	197,609	379,521	856,521	969,838	1,015,947	928,384	777,823	376,672	5,304,706	197,609
15 G51 - G63 (FPO)	25,744	46,671	116,516	132,684	129,087	121,706	106,155	58,836	711,655	25,744
16 Total G51-G63	223,353	426,192	973,037	1,102,522	1,145,034	1,050,090	883,978	435,508		
17 Total Sales Volumes	3,054,984	4,048,950	16,076,651	18,337,130	18,056,102	16,147,917	12,085,767	4,089,803	88,842,320	3,054,984
<b>18 TRANSPORTATION</b>										
19 G41 - G43	259,163	463,948	1,549,551	1,979,750	2,147,413	2,330,229	1,756,969	775,023	11,002,883	259,163
20 G51 - G63	51,574	1,947,408	2,274,929	2,596,005	2,667,255	2,226,502	2,363,575	2,225,770	16,301,444	51,574
21 Total Transportation Volumes	310,737	2,411,356	3,824,480	4,575,755	4,814,668	4,556,731	4,120,544	3,000,792	27,304,327	310,737
22 <b>Total Volumes</b>	<b>3,365,721</b>	<b>6,460,306</b>	<b>19,901,131</b>	<b>22,912,885</b>	<b>22,870,770</b>	<b>20,704,648</b>	<b>16,206,311</b>	<b>7,090,595</b>	<b>116,146,646</b>	<b>3,365,721</b>
<b>23</b>										
<b>24 RATES</b>										
25 Residential	0.87080	1.14400	1.13600	1.11120	1.09920	1.11780	1.17150	1.23890		
26 Residential (FPO)	0.87080	1.1640	1.16400	1.16400	1.16400	1.16400	1.16400	1.16400		
27 C/I Sales G41 to G43	0.87290	1.14410	1.13660	1.11300	1.09860	1.11730	1.16770	1.23900		
28 C/I Sales G41 to G43 (FPO)	0.87290	1.1641	1.16410	1.16410	1.16410	1.16410	1.16410	1.16410		
29 C/I Transport G41 to G43	0.00000	0.0042	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420		
30 C/I Sales G51 to G63	0.86900	1.14350	1.13640	1.11240	1.09770	1.11650	1.16850	1.23840		
31 C/I Sales G51 to G63 (FPO)	0.86900	1.1635	1.16350	1.16350	1.16350	1.16350	1.16350	1.16350		
32 C/I Transport G51 to G63	0.00000	0.0042	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420		
<b>33 REVENUES</b>										
34 Residential	\$ 1,197,413	\$ 1,918,778	\$ 7,938,503	\$ 8,502,299	\$ 8,458,223	\$ 7,745,500	\$ 6,129,183	\$ 2,087,815	\$ 42,780,301	\$ 1,197,413
35 Residential (FPO)	\$ 218,663	\$ 569,924	\$ 2,127,440	\$ 2,308,205	\$ 2,296,485	\$ 2,041,128	\$ 1,542,198	\$ 500,885	\$ 11,386,265	\$ 218,663
36 C/I Sales G41 to G43	\$ 965,348	\$ 1,550,823	\$ 6,411,515	\$ 7,601,491	\$ 7,140,461	\$ 6,407,652	\$ 4,833,089	\$ 1,736,170	\$ 35,681,200	\$ 965,348
37 C/I Sales G41 to G43 (FPO)	\$ 86,892	\$ 116,856	\$ 752,983	\$ 896,853	\$ 865,686	\$ 791,707	\$ 589,017	\$ 160,060	\$ 4,173,163	\$ 86,892
38 C/I Transport G41 to G43	\$ -	\$ 1,949	\$ 6,508	\$ 8,315	\$ 9,019	\$ 9,787	\$ 7,379	\$ 3,255	\$ 46,212	\$ -
39 C/I Sales G51 to G63	\$ 171,722	\$ 433,982	\$ 973,350	\$ 1,078,848	\$ 1,115,205	\$ 1,036,541	\$ 908,886	\$ 466,471	\$ 6,013,283	\$ 171,722
40 C/I Sales G51 to G63 (FPO)	\$ 22,371	\$ 54,302	\$ 135,566	\$ 154,378	\$ 150,193	\$ 141,605	\$ 123,511	\$ 68,456	\$ 828,011	\$ 22,371
41 C/I Transport G51 to G63	\$ -	\$ 8,179	\$ 9,555	\$ 10,903	\$ 11,202	\$ 9,351	\$ 9,927	\$ 9,348	\$ 68,466	\$ -
42 <b>Winter Gas Cost Rev filed</b>	<b>\$ 2,662,410</b>	<b>\$ 4,654,792</b>	<b>\$ 18,355,421</b>	<b>\$ 20,561,291</b>	<b>\$ 20,046,474</b>	<b>\$ 18,183,270</b>	<b>\$ 14,143,190</b>	<b>\$ 5,032,461</b>	<b>\$ 100,976,900</b>	<b>\$ 2,662,410</b>
43										
44 Winter Proration	\$ -	\$ (100,005)	\$ (22,028)	\$ (971)	\$ (4,667)	\$ (4,293)	\$ (46,954)	\$ -	\$ (178,918)	\$ -
45										
46 Less Occupant Billing	\$ -	\$ 3,155	\$ 5,448	\$ -	\$ -	\$ 5,347	\$ 1,492	\$ -	\$ 15,442	\$ -
47 <b>Total</b>	<b>\$ 2,662,410</b>	<b>\$ 4,551,632</b>	<b>\$ 18,327,945</b>	<b>\$ 20,560,320</b>	<b>\$ 20,041,807</b>	<b>\$ 18,173,630</b>	<b>\$ 14,094,745</b>	<b>\$ 5,032,461</b>	<b>\$ 100,782,540</b>	<b>\$ 2,662,410</b>
48										
49 <b>Summer Gas Cost Billed (Acct 175.40)</b>	<b>\$ 2,662,410</b>									<b>\$ 2,662,410</b>
50										
51 Winter Gas Costs Billed (Acct 175.20)		\$ 4,541,504	\$ 18,311,883	\$ 20,541,102	\$ 20,021,585	\$ 18,154,491	\$ 14,077,439	\$ 5,019,857	\$ 100,667,862	
52 Winter Transportation Gas Costs Billed (Acct 175.20)	-	10,128	16,063	19,218	20,222	19,138	17,306	12,603	114,678	-
53 <b>Total Winter Gas Cost Billed (Acct 175.20)</b>	<b>\$ -</b>	<b>\$ 4,551,632</b>	<b>\$ 18,327,945</b>	<b>\$ 20,560,320</b>	<b>\$ 20,041,807</b>	<b>\$ 18,173,630</b>	<b>\$ 14,094,745</b>	<b>\$ 5,032,461</b>	<b>\$ 100,782,540</b>	<b>\$ 2,662,410</b>
54										
55										
56 <b>Total Sales CGA Billed</b>	<b>\$ 2,662,410</b>	<b>\$ 4,551,632</b>	<b>\$ 18,327,945</b>	<b>\$ 20,560,320</b>	<b>\$ 20,041,807</b>	<b>\$ 18,173,630</b>	<b>\$ 14,094,745</b>	<b>\$ 5,032,461</b>	<b>\$ 100,782,540</b>	<b>\$ 2,662,410</b>
57										
58 Plus: Working Capital Gas Cost Billed	29,022	44,134	175,235	199,875	196,812	176,012	131,735	44,579	968,381	29,022
59 Plus: Bad Debt Cost Billed	77,597	119,039	472,654	539,112	530,849	474,749	355,322	120,240	2,611,964	77,597
60 Plus: Broker Revenues	-	50,696.61	65,305.35	116,307.17	73,856.89	101,812.86	8,538.56	-	416,517	-
61										
62 <b>Total Winter Gas Costs Billed</b>	<b>\$ 2,769,029</b>	<b>\$ 4,765,501</b>	<b>\$ 19,041,140</b>	<b>\$ 21,415,614</b>	<b>\$ 20,843,325</b>	<b>\$ 18,926,203</b>	<b>\$ 14,590,340</b>	<b>\$ 5,197,280</b>	<b>\$ 104,779,403</b>	<b>\$ 2,769,029</b>

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**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2007 THROUGH APRIL 2008**  
**SCHEDULE 4 - NONFIRM MARGIN**

<b>FOR THE MONTH OF:</b>		<b>Nov-07</b>	<b>Dec-07</b>	<b>Jan-08</b>	<b>Feb-08</b>	<b>Mar-08</b>	<b>Apr-08</b>	<b>Total</b>
1	INTERRUPTIBLE							
2								
3	280 DAY							
4								
5	OFF SYSTEM GAS SALES MARGIN							
6	PROPANE OFF SYSTEM SALES MARGIN							
7								
8	CAPACITY RELEASE CREDIT							
9								
10	TOTAL NON FIRM MARGIN AND CREDITS	\$ (2,899)	\$ (5,757)	\$ -	\$ -	\$ -	\$ (2,811)	\$ (11,467)

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**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2007 THROUGH APRIL 2008**  
**PEAK PERIOD WORKING CAPITAL**  
**ACCOUNT 142.20**  
**SCHEDULE 5**

	FOR THE MONTH OF: DAYS IN MONTH:	Nov-07 30	Dec-07 31	Jan-08 31	Feb-08 29	Mar-08 31	Apr-08 30	May-08	Total
1	BEGINNING BALANCE	\$ 29,059	\$ 59,225	\$ 11,473	\$ (46,322)	\$ (111,365)	\$ (178,853)	\$ (261,076)	\$ 29,059
2	Add: COST ALLOW	78,182	127,265	142,183	132,144	109,220	50,457		639,451
3	Less: CUSTOMER BILLINGS	(44,134)	(175,235)	(199,875)	(196,812)	(176,012)	(131,735)	(44,579)	(968,381)
4									-
5	Prior Period Working Capital Adj May 07- Oct 07 1/	(4,154)							(4,154)
6									-
7	Reclass Working Capital to 175.20						-	-	-
8									
9	ENDING BALANCE PRE INTEREST	58,954	11,254	(46,219)	(110,990)	(178,157)	(260,131)	(305,654)	(304,025)
10									
11	MONTH'S AVERAGE BALANCE	44,006	35,239	(17,373)	(78,656)	(144,761)	(219,492)		
12									
13	INTEREST RATE	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%		
14	INTEREST APPLIED	271	219	(103)	(375)	(696)	(945)		(1,629)
15	ENDING BALANCE	\$ 59,225	\$ 11,473	\$ (46,322)	\$ (111,365)	\$ (178,853)	\$ (261,076)	\$ (305,654)	\$ (305,654)

1/

Per the approved Settlement Order No. 24,858 issued May 24, 2008 in Docket No. DG 07-050 the Working Capital rate was revised to reflect a net lag of 13.48 days, the Working capital percentage is revised from .967% to .645% effective as of May 1, 2007. The above adjustment reflects the revised percentages for the period May 07 - Oct 07. See Attachment A for the adjustment calculation.

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**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2007 THROUGH APRIL 2008**  
**OFF PEAK WORKING CAPITAL**  
**ACCOUNT 142.40**  
**SCHEDULE 5**

FOR THE MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Total
DAYS IN MONTH	30	31	31	29	31	30		
1 BEGINNING BALANCE	\$ 18,806	\$ (73,032)	\$ (73,487)	\$ (73,923)	\$ (74,275)	\$ (74,632)	\$ (74,953)	18,806
2 Add: ACTUAL COST	-	-	-	-	-	-		\$ -
3 Prior Period Working Capital Adj May 07- Oct 07 1/	(62,648)							(62,648)
4 Less: CUSTOMER BILLINGS	(29,022)							(29,022)
5 ENDING BALANCE PRE INTEREST	(72,865)	(73,032)	(73,487)	(73,923)	(74,275)	(74,632)	(74,953)	(72,865)
6								
7 MONTH'S AVERAGE BALANCE	(27,029)	(73,032)	(73,487)	(73,923)	(74,275)	(74,632)		
8								
9 INTEREST RATE	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%		
10 INTEREST APPLIED	(167)	(455)	(436)	(352)	(357)	(321)		(2,088)
11 ENDING BALANCE	\$ (73,032)	\$ (73,487)	\$ (73,923)	\$ (74,275)	\$ (74,632)	\$ (74,953)	\$ (74,953)	(74,953)

1/  
Per the approved Settlement Order No 24,858 issued May 23, 2008 in Docket No. DG 07-050 the Working Capital rate was revised to reflect a net lag of 13.48 days, the Working capital percentage is revised from .967% to .645% effective as of May 1, 2007. The above adjustment reflects the revised percentages for the period May 07 - Oct 07. See Attachment A for the adjustment calculation.

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ENERGY NORTH NATURAL GAS, INC  
d/b/a KEYSPAN ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
SCHEDULE 6  
WINTER BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
1 Demand	\$ 1,032,515	\$ 1,675,781	\$ 1,621,456	\$ 1,595,524	\$ 999,281	\$ 704,663	7,629,221
2 Commodity	11,088,795	18,055,205	20,422,372	18,891,895	15,934,017	7,118,197	91,510,481
3 Total Gas Costs	\$ 12,121,310	\$ 19,730,986	\$ 22,043,828	\$ 20,487,419	\$ 16,933,298	\$ 7,822,860	\$ 99,139,701
4							
5 Working Capital Rate 1/	0.00645	0.00645	0.00645	0.00645	0.00645	0.00645	
6							
7 Total Working Capital Costs	\$ 78,182	\$ 127,265	\$ 142,183	\$ 132,144	\$ 109,220	\$ 50,457	\$ 639,451
8							
9 Prior Period Undercollection	126,015	126,015	126,015	126,015	126,015	126,015	756,088
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	12,325,507	19,984,266	22,312,026	20,745,578	17,168,532	7,999,332	100,535,240
12							
13 Bad Debt Rate 1/	0.0175	0.0175	0.0175	0.0175	0.0175	0.0175	
14							
15 Total Bad Debt Cost	\$ 215,696	\$ 349,725	\$ 390,460	\$ 363,048	\$ 300,449	\$ 139,988	\$ 1,759,367

1/ Working Capital and Bad Debt Rates reflect the Settlement Agreement rates as approved in Docket No. DG 07-050, Order No. 24,858 dated May 12, 2008.

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ENERGY NORTH NATURAL GAS, INC  
d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
SCHEDULE 6  
SUMMER BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
1 Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 <b>Total Gas Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5 Working Capital Rate	<u>0.00645</u>	<u>0.00645</u>	<u>0.00645</u>	<u>0.00645</u>	<u>0.00645</u>	<u>0.00645</u>	
6							
7 <b>Total Working Capital Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8							
9 Prior Period Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12							
13 Bad Debt Rate	<u>0.0175</u>	<u>0.0175</u>	<u>0.0175</u>	<u>0.0175</u>	<u>0.0175</u>	<u>0.0175</u>	
14							
15 <b>Total Bad Debt Cost</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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ENERGY NORTH NATURAL GAS, INC D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND NOVEMBER 2007 THROUGH APRIL 2008 SCHEDULE 7 WORKING CAPITAL & BAD DEBT COLLECTED									
FOR MONTH OF:	OffPeak Nov-07	Peak Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Peak May-08	Total Peak
1 <b>VOLUMES</b>									
2 <b>RESIDENTIAL</b>									
3 R-1, R-3 and R-4	1,375,073	1,677,253	6,988,119	7,651,457	7,694,890	6,929,236	5,231,910	1,685,217	37,858,082
4 R-1, R-3 and R-4 (FPO)	251,106	489,625	1,827,698	1,982,994	1,972,925	1,753,546	1,324,912	430,314	9,782,014
5									
6 <b>COMMERCIAL/INDUSTRIAL</b>									
7 G41 - G43	1,105,909	1,355,496	5,640,960	6,829,731	6,499,600	5,734,943	4,138,982	1,401,267	31,600,979
8 G41 - G43 (FPO)	99,544	100,383	646,837	770,426	743,653	680,102	505,985	137,497	3,584,883
9 G51 - G63	197,609	379,521	856,521	969,838	1,015,947	928,384	777,823	376,672	5,304,706
10 G51 - G63 (FPO)	25,744	46,671	116,516	132,684	129,087	121,706	106,155	58,836	711,655
11									
12 <b>TRANSPORTATION</b>									
13 G41 - G43	259,163	463,948	1,549,551	1,979,750	2,147,413	2,330,229	1,756,969	775,023	11,002,883
14 G51 - G63	51,574	1,947,408	2,274,929	2,596,005	2,667,255	2,226,502	2,363,575	2,225,770	16,301,444
15									
16 <b>TOTAL VOLUME</b>	3,365,721	6,460,306	19,901,131	22,912,885	22,870,770	20,704,648	16,206,311	7,090,595	116,146,646
17									
18 <b>WORKING CAPITAL RATES</b>									
19 Residential R1, R3 & R4	\$0.0095	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	
20 Residential R1, R-3 & R4 (FPO)	\$0.0095	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	
21 C/I Sales G41 to G43	\$0.0095	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	
22 C/I Sales G41 to G43 (FPO)	\$0.0095	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	
23 C/I Sales G51 to G63	\$0.0095	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	
24 C/I Sales G51 to G63 (FPO)	\$0.0095	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	\$0.0109	
25									
26 <b>WORKING CAPITAL COSTS COLLECTED</b>									
27 Residential	\$ 13,063	\$ 18,282	\$ 76,170	\$ 83,401	\$ 83,874	\$ 75,529	\$ 57,028	\$ 18,369	\$ 412,653
28 Residential (FPO)	2,386	5,337	19,922	21,615	21,505	19,114	14,442	4,690	106,624
29 C/I Sales G41 to G43	10,506	14,775	61,486	74,444	70,846	62,511	45,115	15,274	344,451
30 C/I Sales G41 to G43 (FPO)	946	1,094	7,051	8,398	8,106	7,413	5,515	1,499	39,075
31 C/I Sales G51 to G63	1,877	4,137	9,336	10,571	11,074	10,119	8,478	4,106	57,821
32 C/I Sales G51 to G63 (FPO)	245	509	1,270	1,446	1,407	1,327	1,157	641	7,757
33									
34 <b>SUMMER GAS COST WORKING CAPITAL COLLECTED</b>	\$ 29,022	\$ 44,134	\$ 175,235	\$ 199,875	\$ 196,812	\$ 176,012	\$ 131,735	\$ 44,579	\$ 968,381
35									
36 <b>BAD DEBT RATES</b>									
37 Residential R1, R3 & R4	\$0.0254	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	
38 Residential R1 & R3 (FPO)	\$0.0254	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	
39 C/I Sales G41 to G43	\$0.0254	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	
40 C/I Sales G41 to G43 (FPO)	\$0.0254	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	
41 C/I Sales G51 to G63	\$0.0254	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	
42 C/I Sales G51 to G63 (FPO)	\$0.0254	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	\$0.0294	
43									
44 <b>BAD DEBTS COLLECTED</b>									
45 Residential R1, R3 & R4	\$ 34,927	\$ 49,311	\$ 205,451	\$ 224,953	\$ 226,230	\$ 203,720	\$ 153,818	\$ 49,545	\$ 1,113,028
46 Residential R1, R-3 & R4 (FPO)	6,378	14,395	53,734.32	58,300.02	58,004.00	51,554.25	38,952.41	12,651.23	287,591
47 C/I Sales G41 to G43	28,090	39,852	165,844.22	200,794.09	191,088.24	168,607.32	121,686.07	41,197.25	929,069
48 C/I Sales G41 to G43 (FPO)	2,528	2,951	19,017.01	22,650.52	21,863.40	19,995.00	14,875.96	4,042.41	105,396
49 C/I Sales G51 to G63	5,019	11,158	25,181.72	28,513.24	29,868.84	27,294.49	22,868.00	11,074.16	155,958
50 C/I Sales G51 to G63 (FPO)	654	1,372	3,425.57	3,900.91	3,795.16	3,578.16	3,120.96	1,729.78	20,923
51									
52 <b>SUMMER BAD DEBTS COLLECTED</b>	\$ 77,597	\$ 119,039	\$ 472,654	\$ 539,112	\$ 530,849	\$ 474,749	\$ 355,322	\$ 120,240	\$ 2,611,964

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2007 THROUGH APRIL 2008  
COMMODITY AND RELATED VOLUMES  
SCHEDULE 8

	FOR THE MONTH OF:	Nov-07		Dec-07		Jan-08		Feb-08		Mar-08		Apr-08		Total	
		Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt
1	<b>TENNESEE COMMODITY</b>														
2	Gas Supply														
3	Off System Sales Gas Costs														
4	Pipeline Transport														
5	Storage Injections														
6	TOTAL TGP SUPPLY														
7	PNGTS														
8	TOTAL TGP & PNGTS														
9															
10															
11															
12	<b>PEAKING SUPPLY</b>														
13	Granite Ridge														
14															
15															
16	BP COMMODITY														
17	SEMPRA														
18	NEXEN														
19	DTE														
20	TOTAL CANADIAN COMMODITY														
21															
22															
23	<b>LNG</b>														
24	Distrigas														
25															
26	LNG Vapor														
27	LNG Injections														
28	Subtotal LNG														
29															
30															
31															
32	<b>Propane</b>														
33	Propane Withdrawal														
34	EN Propane														
35															
36	Total Propane														
37															
38															
39	Storage Withdrawals														
40															
41															
42	Hedging Settlements														
43															
44	Cashouts														
45															
46	Capacity Managed														
47															
48															
49															
50	Non-Firm Costs														
51															
52															
53	<b>NET COMMODITY COST</b>														
		\$ 11,088,795	1,302,199	\$ 18,055,205	2,001,888	\$ 20,422,372	1,990,314	\$ 18,891,895	1,830,650	\$ 15,934,017	1,552,993	\$ 7,118,197	789,279	\$ 91,510,481	9,467,323

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**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2007 THROUGH APRIL 2008**  
**MONTHLY PRIME RATES**  
**SCHEDULE 9**

MONTH	DATES	PRIME RATE	DAYS IN MONTH	WEIGHTED RATE
Nov-07	11/01 - 11/30	7.50%	30	7.5000%
Dec-07	12/01 - 012/31	7.33%	31	7.3300%
Jan-08	01/01 - 01/31	6.98%	31	6.9800%
Feb-08	02/01 - 02/28	6.00%	29	6.0000%
Mar-08	03/01 - 03/31	5.66%	31	5.6600%
Apr-08	04/01 - 04/30	5.24%	30	5.2400%

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## **ATTACHMENT A**

- Part 1: Prior Period Adjustment – Bad Debt and Working Capital
- Part 2: Revised Bad Debt and Working Capital
- Part 3 Original Bad Debt and Working Capital as filed July 26, 2007 and January 30, 2008



**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**PEAK BAD DEBT ADJUSTMENT FOR NOV 06 - OCT 07**  
**SCHEDULE 1**  
**ACCOUNT 175.52**

Prior Period Adjustment

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>Nov-06 30</b>	<b>Dec-06 31</b>	<b>Jan-07 31</b>	<b>Feb-07 28</b>	<b>Mar-07 31</b>	<b>Apr-07 30</b>	<b>May-07 31</b>	<b>Jun-07 30</b>	<b>Jul-07 31</b>	<b>Aug-07 31</b>	<b>Sep-07 30</b>	<b>Oct-07 31</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ -	\$ (53,618)	\$ (155,436)	\$ (279,818)	\$ (414,581)	\$ (511,608)	\$ (570,488)	\$ (576,142)	\$ (581,035)	\$ (586,159)	\$ (591,267)	\$ (596,459)	<b>0</b>
2														
3	Add: COST ALLOW (Net Difference from Revised and Original)	(53,436)	(101,088)	(122,862)	(132,572)	(93,794)	(55,222)	(1,651)	(983)	(1,049)	(998)	(1,286)	(1,390)	<b>\$ (566,333)</b>
4														
5	Less: CUSTOMER BILLINGS	-	-	-	-	-	-	-	-	-	-	-	-	<b>-</b>
6														
7	ENDING BALANCE PRE INTEREST	<b>(53,436)</b>	<b>(154,706)</b>	<b>(278,298)</b>	<b>(412,390)</b>	<b>(508,375)</b>	<b>(566,831)</b>	<b>(572,139)</b>	<b>(577,125)</b>	<b>(582,084)</b>	<b>(587,157)</b>	<b>(592,553)</b>	<b>(597,850)</b>	<b>(566,333)</b>
8														
9	MONTH'S AVERAGE BALANCE	(26,718)	(104,162)	(216,867)	(346,104)	(461,478)	(539,220)	(571,313)	(576,633)	(581,559)	(586,658)	(591,910)	(597,155)	
10														
11	INTEREST (Net Difference from Revised and Original)	(182)	(730)	(1,520)	(2,191)	(3,233)	(3,657)	(4,003)	(3,910)	(4,075)	(4,110)	(3,906)	(3,930)	<b>\$ (35,447)</b>
12														
13	ENDING BALANCE	<b>\$ (53,618)</b>	<b>\$ (155,436)</b>	<b>\$ (279,818)</b>	<b>\$ (414,581)</b>	<b>\$ (511,608)</b>	<b>\$ (570,488)</b>	<b>\$ (576,142)</b>	<b>\$ (581,035)</b>	<b>\$ (586,159)</b>	<b>\$ (591,267)</b>	<b>\$ (596,459)</b>	<b>\$ (601,780)</b>	<b>\$ (601,780)</b>

**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**OFF PEAK BAD DEBT ADJUSTMENT FOR NOV 06 - OCT 07**  
**SCHEDULE 1**  
**ACCOUNT 175.54**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>Nov-06 30</b>	<b>Dec-06 31</b>	<b>Jan-07 31</b>	<b>Feb-07 28</b>	<b>Mar-07 31</b>	<b>Apr-07 30</b>	<b>May-07 31</b>	<b>Jun-07 30</b>	<b>Jul-07 31</b>	<b>Aug-07 31</b>	<b>Sep-07 30</b>	<b>Oct-07 31</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ -	\$ -	\$ (750)	\$ (755)	\$ (759)	\$ (764)	\$ (769)	\$ (24,960)	\$ (42,390)	\$ (56,486)	\$ (70,244)	\$ (84,114)	<b>0</b>
2														
3	Add: COST ALLOW (Net Difference from Revised and Original)	-	(748)	-	-	-	-	(24,101)	(17,202)	(13,751)	(13,315)	(13,363)	(27,796)	<b>\$ (110,277)</b>
4														
5	Add: Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	<b>-</b>
6														
7	Less: CUSTOMER BILLINGS	-	-	-	-	-	-	-	-	-	-	-	-	<b>-</b>
8														
9	ENDING BALANCE PRE INTEREST	<b>0</b>	<b>(748)</b>	<b>(750)</b>	<b>(755)</b>	<b>(759)</b>	<b>(764)</b>	<b>(24,870)</b>	<b>(42,162)</b>	<b>(56,141)</b>	<b>(69,802)</b>	<b>(83,607)</b>	<b>(111,910)</b>	<b>(110,277)</b>
10														
11	MONTH'S AVERAGE BALANCE	0	(374)	(750)	(755)	(759)	(764)	(12,820)	(33,561)	(49,266)	(63,144)	(76,925)	(98,012)	
12														
13	INTEREST (Net Difference from Revised and Original)	0	(2)	(5)	(4)	(5)	(5)	(90)	(228)	(345)	(442)	(507)	(646)	<b>\$ (2,279)</b>
14														
15	ENDING BALANCE	<b>\$ -</b>	<b>\$ (750)</b>	<b>\$ (755)</b>	<b>\$ (759)</b>	<b>\$ (764)</b>	<b>\$ (769)</b>	<b>\$ (24,960)</b>	<b>\$ (42,390)</b>	<b>\$ (56,486)</b>	<b>\$ (70,244)</b>	<b>\$ (84,114)</b>	<b>\$ (112,556)</b>	<b>\$ (112,556)</b>

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ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
PEAK WORKING CAPITAL ADJUSTMENT FOR MAY 07- OCT 07  
ACCOUNT 142.20  
SCHEDULE 5

ATTACHMENT A

Part 1

2 of 2

Prior Period Adjustment

	FOR THE MONTH OF: DAYS IN MONTH:	Nov-06 30	Dec-06 31	Jan-07 31	Feb-07 28	Mar-07 31	Apr-07 30	May-07 31	Jun-07 30	Jul-07 31	Aug-07 31	Sep-07 30	Oct-07 31	Total 0
1	BEGINNING BALANCE							\$ -	\$ (917)	\$ (1,468)	\$ (2,061)	\$ (2,629)	\$ (3,361)	\$ -
2														
3	Add: COST ALLOW (Net Difference from Revised and Original)							(914)	(544)	(581)	(552)	(712)	(769)	(4,071)
4	Less: WORKING CAPITAL REVENUE BILLED							-	-	-	-	-	-	-
5														
6	ENDING BALANCE PRE INTEREST							\$ (914)	\$ (1,460)	\$ (2,049)	\$ (2,613)	\$ (3,341)	\$ (4,130)	\$ (4,071)
7														
8	MONTH'S AVERAGE BALANCE							(457)	(1,189)	(1,759)	(2,337)	(2,985)	(3,746)	(2,036)
9														
10	INTEREST (Net Difference from Revised and Original)							(3)	(8)	(12)	(16)	(20)	(24)	(83)
11														
12	ENDING BALANCE							\$ (917)	\$ (1,468)	\$ (2,061)	\$ (2,629)	\$ (3,361)	\$ (4,154)	\$ (4,154)

ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
OFF-PEAK WORKING CAPITAL ADJUSTMENT FOR MAY 07 - OCT 07  
ACCOUNT 142.40  
SCHEDULE 5

	FOR THE MONTH OF: DAYS IN MONTH	Nov-06 30	Dec-06 31	Jan-07 31	Feb-07 28	Mar-07 31	Apr-07 30	May-07 31	Jun-07 0	Jul-07 0	Aug-07 0	Sep-07 0	Oct-07 0	Total
1	BEGINNING BALANCE							\$ -	\$ (13,516)	\$ (23,291)	\$ (31,223)	\$ (38,968)	\$ (46,777)	\$ -
2														
3	Add: COST ALLOW (Net Difference from Revised and Original)							(13,468)	(9,650)	(7,741)	(7,500)	(7,526)	(15,512)	(61,398)
4	Less: WORKING CAPITAL REVENUE BILLED							-	-	-	-	-	-	-
5														
6	ENDING BALANCE PRE INTEREST							\$ (13,468)	\$ (23,166)	\$ (31,032)	\$ (38,723)	\$ (46,495)	\$ (62,289)	\$ (61,398)
7														
8	MONTH'S AVERAGE BALANCE							(6,734)	(18,341)	(27,162)	(34,973)	(42,732)	(54,533)	(30,699)
9														
10	INTEREST (Net Difference from Revised and Original)							(48)	(125)	(191)	(245)	(282)	(359)	(1,250)
11														
11	ENDING BALANCE							\$ (13,516)	\$ (23,291)	\$ (31,223)	\$ (38,968)	\$ (46,777)	\$ (62,648)	\$ (62,648)

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Revised Bad Debt

**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2006 THROUGH APRIL 2007**  
**PEAK BAD DEBT - REVISED**  
**SCHEDULE 1**  
**ACCOUNT 175.52**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>Nov-06 30</b>	<b>Dec-06 31</b>	<b>Jan-07 31</b>	<b>Feb-07 28</b>	<b>Mar-07 31</b>	<b>Apr-07 30</b>	<b>May-07</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ (83,662)	\$ 19,835	\$ 62,082	\$ 61,159	\$ (46,806)	\$ (264,293)	\$ (420,112)	(83,662)
2									
3	Add: COST ALLOW (Schedule 6, line 15)	187,496	354,695	431,095	465,166	329,101	193,763		\$ 1,961,315
4									
5	Less: CUSTOMER BILLINGS	(83,783)	(312,734)	(432,448)	(573,176)	(545,503)	(347,269)	(119,449)	(2,414,360)
6									
7	ENDING BALANCE PRE INTEREST	20,051	61,796	60,729	(46,851)	(263,207)	(417,799)	(539,561)	(536,707)
8									
9	MONTH'S AVERAGE BALANCE	(31,805)	40,816	61,406	7,154	(155,007)	(341,046)		
10									
11	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%		
12									
13	INTEREST APPLIED	(216)	286	430	45	(1,086)	(2,313)		\$ (2,854)
14									
15	ENDING BALANCE	\$ 19,835	\$ 62,082	\$ 61,159	\$ (46,806)	\$ (264,293)	\$ (420,112)	\$ (539,561)	\$ (539,561)

**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2006 THROUGH APRIL 2007**  
**OFF PEAK BAD DEBT - REVISED**  
**SCHEDULE 1**  
**ACCOUNT 175.54**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>Nov-06 30</b>	<b>Dec-06 31</b>	<b>Jan-07 31</b>	<b>Feb-07 28</b>	<b>Mar-07 31</b>	<b>Apr-07 30</b>	<b>May-07</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ 36,270	\$ (8,902)	\$ (6,329)	\$ (6,373)	\$ (6,413)	\$ (6,458)	\$ (6,502)	36,270
2									
3	Add: COST ALLOW (Schedule 6, line 15)	-	2,626	-	-	-	-		\$ 2,626
4									
5	Add: Adjustment				-				-
6									
7	Less: CUSTOMER BILLINGS	(45,264)	-	-	-	-	-	-	(45,264)
8									
9	ENDING BALANCE PRE INTEREST	(8,994)	(6,276)	(6,329)	(6,373)	(6,413)	(6,458)	(6,502)	(6,368)
10									
11	MONTH'S AVERAGE BALANCE	13,638	(7,589)	(6,329)	(6,373)	(6,413)	(6,458)		
12									
13	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%		
14									
15	INTEREST APPLIED	92	(53)	(44)	(40)	(45)	(44)		(134)
16									
17	ENDING BALANCE	\$ (8,902)	\$ (6,329)	\$ (6,373)	\$ (6,413)	\$ (6,458)	\$ (6,502)	\$ (6,502)	\$ (6,502)

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ENERGY NORTH NATURAL GAS, INC  
d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2006 THROUGH APRIL 2007  
SCHEDULE 6

Revised Bad Debt

WINTER BAD DEBT AND WORKING CAPITAL COSTS - REVISED

FOR MONTH OF:	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	Total
1 Demand	\$ 1,070,745	\$ 1,068,299	\$ 1,076,304	\$ 1,023,848	\$ 1,023,868	\$ 750,626	6,013,690
2 Commodity	8,569,033	16,851,383	20,626,785	22,366,467	15,628,397	9,199,501	93,241,565
3 Total Gas Costs	\$ 9,639,779	\$ 17,919,682	\$ 21,703,089	\$ 23,390,315	\$ 16,652,264	\$ 9,950,127	\$ 99,255,255
4							
5 Working Capital Rate	0.00967	0.00967	0.00967	0.00967	0.00967	0.00967	
6							
7 Total Working Capital Costs	\$ 93,217	\$ 173,283	\$ 209,869	\$ 226,184	\$ 161,027	\$ 96,218	\$ 959,798
8							
9 Prior Period Undercollection	(358,219)	(358,219)	(358,219)	(358,219)	(358,219)	(358,219)	(2,149,312)
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	9,374,777	17,734,747	21,554,739	23,258,280	16,455,073	9,688,126	98,065,741
12							
13 Bad Debt Rate	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	
14							
15 Total Bad Debt Cost	\$ 187,496	\$ 354,695	\$ 431,095	\$ 465,166	\$ 329,101	\$ 193,763	\$ 1,961,315

ENERGY NORTH NATURAL GAS, INC  
d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2006 THROUGH APRIL 2007  
SCHEDULE 6

SUMMER BAD DEBT AND WORKING CAPITAL COSTS - REVISED

FOR MONTH OF:	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	Total
1 Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Commodity	\$ -	\$ 130,054	\$ -	\$ -	\$ -	\$ -	\$ 130,054
3 Total Gas Costs	\$ -	\$ 130,054	\$ -	\$ -	\$ -	\$ -	\$ 130,054
4							
5 Working Capital Rate	0.00967	0.00967	0.00967	0.00967	0.00967	0.00967	
6							
7 Total Working Capital Costs	\$ -	\$ 1,258	\$ -	\$ -	\$ -	\$ -	\$ 1,258
8							
9 Prior Period Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	\$ -	\$ 131,312	\$ -	\$ -	\$ -	\$ -	\$ 131,312
12							
13 Bad Debt Rate	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	
14							
15 Total Bad Debt Cost	\$ -	\$ 2,626	\$ -	\$ -	\$ -	\$ -	\$ 2,626

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**ENERGYNORTH NATURAL GAS, INC.**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**PEAK PERIOD BAD DEBT - REVISED**  
**SCHEDULE 1**  
**ACCOUNT 175.52**

Revised Bad Debt

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>May-07 31</b>	<b>Jun-07 30</b>	<b>Jul-07 31</b>	<b>Aug-07 31</b>	<b>Sep-07 30</b>	<b>Oct-07 31</b>	<b>Nov-07 30</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ (420,112)	\$ (537,192)	\$ (537,423)	\$ (537,547)	\$ (537,848)	\$ (536,934)	\$ (535,643)	\$ (420,112)
2									
3	Add: COST ALLOW (Schedule 6, line 15)	5,711	3,400	3,629	3,453	4,448	4,809	-	25,451
4									
5	Less: BAD DEBT BILLED	(119,449)	-	-	-	-	-	-	(119,449)
6									
7	ENDING BALANCE PRE INTEREST	(533,850)	(533,792)	(533,794)	(534,094)	(533,399)	(532,125)	(535,643)	(514,110)
8									
9	MONTH'S AVERAGE BALANCE	(476,981)	(535,492)	(535,609)	(535,820)	(535,624)	(534,530)	(535,643)	
10									
11	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%	-	
12									
13	INTEREST APPLIED	(3,342)	(3,631)	(3,753)	(3,754)	(3,535)	(3,518)		\$ (21,533)
14									
15	ENDING BALANCE	\$ (537,192)	\$ (537,423)	\$ (537,547)	\$ (537,848)	\$ (536,934)	\$ (535,643)	\$ (535,643)	\$ (535,643)

**ENERGYNORTH NATURAL GAS, INC.**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**OFF PEAK BAD DEBT - REVISED**  
**SCHEDULE 1**  
**ACCOUNT 175.54**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>May-07 31</b>	<b>Jun-07 30</b>	<b>Jul-07 31</b>	<b>Aug-07 31</b>	<b>Sep-07 30</b>	<b>Oct-07 31</b>	<b>Nov-07</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ (6,502)	\$ 9,855	\$ (25,187)	\$ (45,301)	\$ (60,158)	\$ (79,760)	\$ (63,393)	\$ (6,502)
2									
3	Add: COST ALLOW (Schedule 6, line 16)	83,350	59,487	47,552	46,045	46,209	96,132	-	378,774
4									
5	Less: BAD DEBT BILLED	(67,005)	(94,476)	(67,421)	(60,533)	(65,352)	(79,295)	(77,597)	(511,678)
6									
7	ENDING BALANCE PRE INTEREST	9,843	(25,135)	(45,055)	(59,790)	(79,300)	(62,923)	(140,990)	(139,406)
8									
9	MONTH'S AVERAGE BALANCE	1,670	(7,640)	(35,121)	(52,545)	(69,729)	(71,342)	(102,192)	
10									
11	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%	-	
12									
13	INTEREST APPLIED	12	(52)	(246)	(368)	(460)	(470)		\$ (1,584)
14									
15	ENDING BALANCE	\$ 9,855	\$ (25,187)	\$ (45,301)	\$ (60,158)	\$ (79,760)	\$ (63,393)	\$ (140,990)	\$ (140,990)

00000101

**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**PEAK WORKING CAPITAL - REVISED**  
**ACCOUNT 142.20**  
**SCHEDULE 5**

	FOR THE MONTH OF: DAYS IN MONTH:	May-07 31	Jun-07 30	Jul-07 31	Aug-07 31	Sep-07 30	Oct-07 31	Nov-07	Total
1	BEGINNING BALANCE	\$ 59,954	\$ 17,864	\$ 19,079	\$ 20,380	\$ 21,633	\$ 23,206	\$ 24,905	\$ 59,954
2									
3	Add: COST ALLOW (Schedule 6, line 8)	1,830	1,089	1,163	1,107	1,425	1,541	-	8,155
4	Less: WORKING CAPITAL REVENUE BILLED	(44,192)	-	-	-	-	-	-	(44,192)
5									
6	ENDING BALANCE PRE INTEREST	\$ 17,592	\$ 18,954	\$ 20,242	\$ 21,486	\$ 23,059	\$ 24,747	\$ 24,905	\$ 23,918
7									
8	MONTH'S AVERAGE BALANCE	38,773	18,409	19,660	20,933	22,346	23,976		
9									
10	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%		
11	INTEREST APPLIED	272	125	138	147	147	158		987
12	ENDING BALANCE	\$ 17,864	\$ 19,079	\$ 20,380	\$ 21,633	\$ 23,206	\$ 24,905	\$ 24,905	\$ 24,905

**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**OFF-PEAK WORKING CAPITAL- REVISED**  
**ACCOUNT 142.40**  
**SCHEDULE 5**

	FOR THE MONTH OF: DAYS IN MONTH	May-07 31	Jun-07 30	Jul-07 31	Aug-07 31	Sep-07 30	Oct-07 31	Nov-07	Total
1	BEGINNING BALANCE	\$ (3,462)	\$ (1,563)	\$ (17,633)	\$ (27,501)	\$ (35,336)	\$ (44,967)	\$ (43,842)	(3,462)
2									
3	Add: COST ALLOW (Schedule 6, line 8)	26,977	19,331	15,507	15,023	15,076	31,073	-	\$ 122,988
4	Less: WORKING CAPITAL REVENUE BILLED	(25,061)	(35,335)	(25,216)	(22,640)	(24,443)	(29,658)	(29,022)	(191,376)
5									
6	ENDING BALANCE PRE INTEREST	\$ (1,545)	\$ (17,568)	\$ (27,343)	\$ (35,117)	\$ (44,703)	\$ (43,551)	\$ (72,865)	\$ (71,850)
7									
8	MONTH'S AVERAGE BALANCE	(2,503)	(9,566)	(22,488)	(31,309)	(40,020)	(44,259)		
9									
10	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%		
11	INTEREST APPLIED	(18)	(65)	(158)	(219)	(264)	(291)		(1,015)
12	ENDING BALANCE	\$ (1,563)	\$ (17,633)	\$ (27,501)	\$ (35,336)	\$ (44,967)	\$ (43,842)	\$ (72,865)	\$ (72,865)

00000102

ENERGY NORTH NATURAL GAS, INC  
d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND  
MAY THROUGH OCTOBER 2007  
SCHEDULE 6  
OFF PEAK BAD DEBT AND WORKING CAPITAL COSTS

Revised Bad Debt and Working Capital

FOR MONTH OF:	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Total
1 Demand	\$ 514,406	\$ 543,063	\$ 523,407	\$ 532,287	\$ 537,855	\$ 542,069	\$ 3,193,087
2 Commodity	3,668,111	2,453,959	1,880,708	1,796,937	1,799,552	4,275,476	15,874,743
3 Total Gas Costs	\$ 4,182,517	\$ 2,997,022	\$ 2,404,116	\$ 2,329,224	\$ 2,337,406	\$ 4,817,546	\$ 19,067,831
4							
5 Working Capital Rate	0.00645	0.00645	0.00645	0.00645	0.00645	0.00645	
6							
7 Total Working Capital Costs	\$ 26,977	\$ 19,331	\$ 15,507	\$ 15,023	\$ 15,076	\$ 31,073	\$ 122,988
8							
9 Prior Period (Over)Undercollection	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (252,111)
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	\$ 4,167,476	\$ 2,974,334	\$ 2,377,604	\$ 2,302,229	\$ 2,310,464	\$ 4,806,600	
12							
13 Bad Debt Rate	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	
14							
15 Total Bad Debt Cost	\$ 83,350	\$ 59,487	\$ 47,552	\$ 46,045	\$ 46,209	\$ 96,132	\$ 378,774

ENERGY NORTH NATURAL GAS, INC  
d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND  
MAY THROUGH OCTOBER 2002  
SCHEDULE 6  
PEAK BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Total
1 Demand	\$ 329,488	\$ 241,078	\$ 268,980	\$ 272,579	\$ 273,983	\$ 271,583	\$ 1,657,690
2 Commodity	-	-	-	-	-	-	-
3 Margins and Capacity Release	(45,773)	(72,169)	(88,681)	(101,021)	(52,994)	(32,672)	(393,310)
4 Total Gas Costs	\$ 283,715	\$ 168,909	\$ 180,299	\$ 171,558	\$ 220,988	\$ 238,910	\$ 1,264,380
5							
6 Working Capital Rate	0.00645	0.00645	0.00645	0.00645	0.00645	0.00645	
7							
8 Total Working Capital Costs	\$ 1,830	\$ 1,089	\$ 1,163	\$ 1,107	\$ 1,425	\$ 1,541	\$ 8,155
9							
10 Prior Period (Over)Undercollection	-	-	-	-	-	-	-
11							
12 Subtotal Gas Costs, Working Capital & Under Collection	\$ 285,545	\$ 169,999	\$ 181,462	\$ 172,664	\$ 222,414	\$ 240,451	\$ 1,272,535
13							
14 Bad Debt Rate	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	-
15							
16 Total Bad Debt Cost	\$ 5,711	\$ 3,400	\$ 3,629	\$ 3,453	\$ 4,448	\$ 4,809	\$ 25,451

00000103

Original Filed Bad Debt

ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2006 THROUGH APRIL 2007  
PEAK BAD DEBT - AS FILED JULY 26, 2007  
SCHEDULE 1  
ACCOUNT 175.52

	FOR THE MONTH OF: DAYS IN MONTH	Nov-06 30	Dec-06 31	Jan-07 31	Feb-07 28	Mar-07 31	Apr-07 30	May-07	Total
1	BEGINNING BALANCE	\$ (83,662)	\$ 73,453	\$ 217,518	\$ 340,977	\$ 367,776	\$ 247,315	\$ 150,375	(83,662)
2									
3	Add: COST ALLOW (Original costs- Sched 6, line 15)	240,932	455,783	553,957	597,738	422,895	248,985		\$ 2,520,290
4									
5	Less: CUSTOMER BILLINGS	(83,783)	(312,734)	(432,448)	(573,176)	(545,503)	(347,269)	(119,449)	(2,414,360)
6									
7	ENDING BALANCE PRE INTEREST	73,487	216,502	339,027	365,540	245,168	149,031	30,927	22,268
8									
9	MONTH'S AVERAGE BALANCE	(5,087)	144,978	278,273	353,259	306,472	198,173		
10									
11	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%		
12									
13	INTEREST APPLIED	(34)	1,016	1,950	2,236	2,147	1,344		\$ 8,659
14									
15	ENDING BALANCE	\$ 73,453	\$ 217,518	\$ 340,977	\$ 367,776	\$ 247,315	\$ 150,375	\$ 30,927	\$ 30,927

ENERGY NORTH NATURAL GAS, INC  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND  
NOVEMBER 2006 THROUGH APRIL 2007  
OFF PEAK BAD DEBT AS FILED JULY 26, 2007  
SCHEDULE 1  
ACCOUNT 175.54

	FOR THE MONTH OF: DAYS IN MONTH	Nov-06 30	Dec-06 31	Jan-07 31	Feb-07 28	Mar-07 31	Apr-07 30	May-07	Total
1	BEGINNING BALANCE	\$ 36,270	\$ (8,902)	\$ (5,579)	\$ (5,618)	\$ (5,654)	\$ (5,694)	\$ (5,733)	36,270
2									
3	Add: COST ALLOW (Original costs- Sched 6, line 15)	-	3,375	-	-	-	-		\$ 3,375
4									
5	Add: Adjustment				-				-
6									
7	Less: CUSTOMER BILLINGS	(45,264)	-	-	-	-	-	-	(45,264)
8									
9	ENDING BALANCE PRE INTEREST	(8,994)	(5,528)	(5,579)	(5,618)	(5,654)	(5,694)	(5,733)	(5,620)
10									
11	MONTH'S AVERAGE BALANCE	13,638	(7,215)	(5,579)	(5,618)	(5,654)	(5,694)		
12									
13	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%		
14									
15	INTEREST APPLIED	92	(51)	(39)	(36)	(40)	(39)		(113)
16									
17	ENDING BALANCE	\$ (8,902)	\$ (5,579)	\$ (5,618)	\$ (5,654)	\$ (5,694)	\$ (5,733)	\$ (5,733)	\$ (5,733)

00000104



Original Filed Bad Debt

**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2006 THROUGH APRIL 2007**  
**SCHEDULE 6**  
**WINTER BAD DEBT AND WORKING CAPITAL COSTS - AS FILED JULY 26, 2007**

FOR MONTH OF:	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	Total
1 Demand	\$ 1,070,745	\$ 1,068,299	\$ 1,076,304	\$ 1,023,848	\$ 1,023,868	\$ 750,626	6,013,690
2 Commodity	8,569,033	16,851,383	20,626,785	22,366,467	15,628,397	9,199,501	93,241,565
3 Total Gas Costs	\$ 9,639,779	\$ 17,919,682	\$ 21,703,089	\$ 23,390,315	\$ 16,652,264	\$ 9,950,127	\$ 99,255,255
4							
5 Working Capital Rate	0.00967	0.00967	0.00967	0.00967	0.00967	0.00967	
6							
7 Total Working Capital Costs	\$ 93,217	\$ 173,283	\$ 209,869	\$ 226,184	\$ 161,027	\$ 96,218	\$ 959,798
8							
9 Prior Period Undercollection	(358,219)	(358,219)	(358,219)	(358,219)	(358,219)	(358,219)	(2,149,312)
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	9,374,777	17,734,747	21,554,739	23,258,280	16,455,073	9,688,126	98,065,741
12							
13 Bad Debt Rate	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257	
14							
15 Total Bad Debt Cost	\$ 240,932	\$ 455,783	\$ 553,957	\$ 597,738	\$ 422,895	\$ 248,985	\$ 2,520,290

**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**NOVEMBER 2006 THROUGH APRIL 2007**  
**SCHEDULE 6**  
**SUMMER BAD DEBT AND WORKING CAPITAL COSTS - AS FILED JULY 26, 2007**

FOR MONTH OF:	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	Total
1 Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Commodity	\$ -	\$ 130,054	\$ -	\$ -	\$ -	\$ -	\$ 130,054
3 Total Gas Costs	\$ -	\$ 130,054	\$ -	\$ -	\$ -	\$ -	\$ 130,054
4							
5 Working Capital Rate	0.00967	0.00967	0.00967	0.00967	0.00967	0.00967	
6							
7 Total Working Capital Costs	\$ -	\$ 1,258	\$ -	\$ -	\$ -	\$ -	\$ 1,258
8							
9 Prior Period Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	\$ -	\$ 131,312	\$ -	\$ -	\$ -	\$ -	\$ 131,312
12							
13 Bad Debt Rate	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257	
14							
15 Total Bad Debt Cost	\$ -	\$ 3,375	\$ -	\$ -	\$ -	\$ -	\$ 3,375

00000105

Original Filed Bad Debt

**ENERGYNORTH NATURAL GAS, INC.**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**PEAK PERIOD BAD DEBT - AS FILED JANUARY 30, 2008**  
**SCHEDULE 1**  
**ACCOUNT 175.52**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>May-07 31</b>	<b>Jun-07 30</b>	<b>Jul-07 31</b>	<b>Aug-07 31</b>	<b>Sep-07 30</b>	<b>Oct-07 31</b>	<b>Nov-07 30</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ 150,375	\$ 38,950	\$ 43,612	\$ 48,612	\$ 53,420	\$ 59,525	\$ 66,136	\$ 150,375
2									
3	Add: COST ALLOW	7,362	4,383	4,679	4,452	5,734	6,199	-	32,809
4									
5	Less: BAD DEBT BILLED	(119,449)	-	-	-	-	-	-	(119,449)
6									
7	ENDING BALANCE PRE INTEREST	38,289	43,333	48,290	53,064	59,154	65,724	66,136	63,735
8									
9	MONTH'S AVERAGE BALANCE	94,332	41,141	45,951	50,838	56,287	62,625	66,136	
10									
11	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%	-	
12									
13	INTEREST APPLIED	661	279	322	356	371	412		\$ 2,401
14									
15	ENDING BALANCE	\$ 38,950	\$ 43,612	\$ 48,612	\$ 53,420	\$ 59,525	\$ 66,136	\$ 66,136	\$ 66,136

**ENERGYNORTH NATURAL GAS, INC.**  
**D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**OFF PEAK BAD DEBT - AS FILED JANUARY 30, 2008**  
**SCHEDULE 1**  
**ACCOUNT 175.54**

	<b>FOR THE MONTH OF: DAYS IN MONTH</b>	<b>May-07 31</b>	<b>Jun-07 30</b>	<b>Jul-07 31</b>	<b>Aug-07 31</b>	<b>Sep-07 30</b>	<b>Oct-07 31</b>	<b>Nov-07</b>	<b>Total</b>
1	BEGINNING BALANCE	\$ (5,733)	\$ 34,815	\$ 17,203	\$ 11,185	\$ 10,086	\$ 4,354	\$ 49,163	\$ (5,733)
2									
3	Add: COST ALLOW	107,450	76,688	61,303	59,360	59,572	123,928	-	488,303
4									
5	Less: BAD DEBT BILLED	(67,005)	(94,476)	(67,421)	(60,533)	(65,352)	(79,295)	(77,597)	(511,678)
6									
7	ENDING BALANCE PRE INTEREST	34,713	17,027	11,086	10,012	4,307	48,987	(28,434)	(29,108)
8									
9	MONTH'S AVERAGE BALANCE	14,490	25,921	14,145	10,599	7,196	26,670	10,364	
10									
11	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%	-	
12									
13	INTEREST APPLIED	102	176	99	74	47	176		\$ 674
14									
15	ENDING BALANCE	\$ 34,815	\$ 17,203	\$ 11,185	\$ 10,086	\$ 4,354	\$ 49,163	\$ (28,434)	\$ (28,434)

00000106

**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSPAN ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**PEAK WORKING CAPITAL - AS FILED JANUARY 30, 2008**  
**ACCOUNT 142.20**  
**SCHEDULE 5**

Original Filed Working Capital

	FOR THE MONTH OF: DAYS IN MONTH:	May-07 31	Jun-07 30	Jul-07 31	Aug-07 31	Sep-07 30	Oct-07 31	Nov-07	Total
1	BEGINNING BALANCE	\$ 59,954	\$ 18,781	\$ 20,547	\$ 22,441	\$ 24,263	\$ 26,567	\$ 29,059	\$ 59,954
2									
3	Add: COST ALLOW (Original costs- Sched 6, line 7)	2,744	1,633	1,743	1,659	2,137	2,310	-	12,227
4	Less: WORKING CAPITAL REVENUE BILLED	(44,192)	-	-	-	-	-	-	(44,192)
5									
6	ENDING BALANCE PRE INTEREST	\$ 18,506	\$ 20,414	\$ 22,291	\$ 24,100	\$ 26,400	\$ 28,877	\$ 29,059	\$ 27,989
7									
8	MONTH'S AVERAGE BALANCE	39,230	19,598	21,419	23,270	25,331	27,722		
9									
10	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%		
11	INTEREST APPLIED	275	133	150	163	167	182		1,070
12	ENDING BALANCE	\$ 18,781	\$ 20,547	\$ 22,441	\$ 24,263	\$ 26,567	\$ 29,059	\$ 29,059	\$ 29,059

**ENERGY NORTH NATURAL GAS, INC**  
**D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND**  
**MAY THROUGH OCTOBER 2007**  
**OFF-PEAK WORKING CAPITAL - AS FILED JANUARY 30, 2008**  
**ACCOUNT 142.40**  
**SCHEDULE 5**

	FOR THE MONTH OF: DAYS IN MONTH	May-07 31	Jun-07 30	Jul-07 31	Aug-07 31	Sep-07 30	Oct-07 31	Nov-07	Total
1	BEGINNING BALANCE	\$ (3,462)	\$ 11,952	\$ 5,658	\$ 3,723	\$ 3,632	\$ 1,810	\$ 18,806	(3,462)
2									
3	Add: COST ALLOW (Original costs- Sched 6, line 8)	40,445	28,981	23,248	22,524	22,603	46,586	-	\$ 184,386
4	Less: WORKING CAPITAL REVENUE BILLED	(25,061)	(35,335)	(25,216)	(22,640)	(24,443)	(29,658)	(29,022)	(191,376)
5									
6	ENDING BALANCE PRE INTEREST	\$ 11,922	\$ 5,598	\$ 3,690	\$ 3,606	\$ 1,792	\$ 18,738	\$ (10,216)	\$ (10,451)
7									
8	MONTH'S AVERAGE BALANCE	4,230	8,775	4,674	3,664	2,712	10,274		
9									
10	INTEREST RATE	8.25%	8.25%	8.25%	8.25%	8.03%	7.75%		
11	INTEREST APPLIED	30	60	33	26	18	68		235
12	ENDING BALANCE	\$ 11,952	\$ 5,658	\$ 3,723	\$ 3,632	\$ 1,810	\$ 18,806	\$ (10,216)	\$ (10,216)

00000107

**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**

**MAY THROUGH OCTOBER 2007**

**SCHEDULE 6**

Original Filed Bad Debt and Working Capital

**OFF PEAK BAD DEBT AND WORKING CAPITAL COSTS - AS FILED JANUARY 30, 2008**

FOR MONTH OF:	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Total
1 Demand	\$ 514,406	\$ 543,063	\$ 523,407	\$ 532,287	\$ 537,855	\$ 542,069	\$ 3,193,087
2 Commodity	3,668,111	2,453,959	1,880,708	1,796,937	1,799,552	4,275,476	15,874,743
3 Total Gas Costs	\$ 4,182,517	\$ 2,997,022	\$ 2,404,116	\$ 2,329,224	\$ 2,337,406	\$ 4,817,546	\$ 19,067,831
4							
5 Working Capital Rate	0.00967	0.00967	0.00967	0.00967	0.00967	0.00967	
6							
7 Total Working Capital Costs	\$ 40,445	\$ 28,981	\$ 23,248	\$ 22,524	\$ 22,603	\$ 46,586	\$ 184,386
8							
9 Prior Period (Over)Undercollection	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (42,019)	\$ (252,111)
10							
11 Subtotal Gas Costs, Working Capital & Under Collection	\$ 4,180,944	\$ 2,983,985	\$ 2,385,345	\$ 2,309,729	\$ 2,317,991	\$ 4,822,113	
12							
13 Bad Debt Rate	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257	
14							
15 Total Bad Debt Cost	\$ 107,450	\$ 76,688	\$ 61,303	\$ 59,360	\$ 59,572	\$ 123,928	\$ 488,303

**ENERGY NORTH NATURAL GAS, INC**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**

**MAY THROUGH OCTOBER 2002**

**SCHEDULE 6**

**PEAK BAD DEBT AND WORKING CAPITAL COSTS - AS FILED JANUARY 30, 2008**

FOR MONTH OF:	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Total
1 Demand	\$ 329,488	\$ 241,078	\$ 268,980	\$ 272,579	\$ 273,983	\$ 271,583	\$ 1,657,690
2 Commodity	-	-	-	-	-	-	-
3 Margins and Capacity Release	(45,773)	(72,169)	(88,681)	(101,021)	(52,994)	(32,672)	(393,310)
4 Total Gas Costs	\$ 283,715	\$ 168,909	\$ 180,299	\$ 171,558	\$ 220,988	\$ 238,910	\$ 1,264,380
5							
6 Working Capital Rate	0.00967	0.00967	0.00967	0.00967	0.00967	0.00967	
7							
8 Total Working Capital Costs	\$ 2,744	\$ 1,633	\$ 1,743	\$ 1,659	\$ 2,137	\$ 2,310	\$ 12,227
9							
10 Prior Period (Over)Undercollection	-	-	-	-	-	-	-
11							
12 Subtotal Gas Costs, Working Capital & Under Collection	\$ 286,458	\$ 170,543	\$ 182,043	\$ 173,217	\$ 223,125	\$ 241,221	\$ 1,276,607
13							
14 Bad Debt Rate	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257	-
15							
16 Total Bad Debt Cost	\$ 7,362	\$ 4,383	\$ 4,679	\$ 4,452	\$ 5,734	\$ 6,199	\$ 32,809

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<u>Local Distribution Adjustment Charge Calculation</u>			<u>Reference</u>
<b><u>Residential Non Heating Rates - R-1</u></b>			
Energy Efficiency Charge	\$0.0181		Energy Efficiency page 1
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)		\$0.0181	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0000		Proposed Eighth Revised Page 88
Environmental Surcharge (ES)		0.0000	
Interruptible Transportation Margin Credit (ITMC)		0.0000	
Rate Case Expense Factor (RCEF)		0.0000	
Residential Low Income Assistance Program (RLIAP)		0.0073	RLIAP page 1
<b>LDAC</b>		<b>\$0.0254 per therm</b>	
<b><u>Residential Heating Rates - R-3, R-4</u></b>			
Energy Efficiency Charge	\$0.0181		Energy Efficiency page 1
Demand Side Management Charge	0.0006		Conservation Charge
Conservation Charge (CCx)		\$0.0187	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0000		Proposed Eighth Revised Page 88
Environmental Surcharge (ES)		0.0000	
Interruptible Transportation Margin Credit (ITMC)		0.0000	
Rate Case Expense Factor (RCEF)		0.0000	
Residential Low Income Assistance Program (RLIAP)		0.0073	RLIAP page 1
<b>LDAC</b>		<b>\$0.0260 per therm</b>	
<b><u>Commercial/Industrial Low Annual Use Rates - G-41, G-51</u></b>			
Energy Efficiency Charge	\$0.0205		Energy Efficiency page 2
Demand Side Management Charge	0.0000		Conservation Charge
Conservation Charge (CCx)		\$0.0205	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0000		Proposed Eighth Revised Page 88
Environmental Surcharge (ES)		0.0000	
Interruptible Transportation Margin Credit (ITMC)		0.0000	
Gas Restructuring Expense Factor (GREF)		0.0000	
Rate Case Expense Factor (RCEF)		0.0000	
Residential Low Income Assistance Program (RLIAP)		0.0073	RLIAP page 1
<b>LDAC</b>		<b>\$0.0278 per therm</b>	
<b><u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52</u></b>			
Energy Efficiency Charge	\$0.0205		Energy Efficiency page 2
Demand Side Management Charge	0.0000		Conservation Charge
Conservation Charge (CCx)		\$0.0205	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0000		Proposed Eighth Revised Page 88
Environmental Surcharge (ES)		0.0000	
Interruptible Transportation Margin Credit (ITMC)		0.0000	
Gas Restructuring Expense Factor (GREF)		0.0000	
Rate Case Expense Factor (RCEF)		0.0000	
Residential Low Income Assistance Program (RLIAP)		0.0073	
<b>LDAC</b>		<b>\$0.0278 per therm</b>	
<b><u>Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-63</u></b>			
Energy Efficiency Charge	\$0.0205		Energy Efficiency page 2
Demand Side Management Charge	0.0000		Conservation Charge
Conservation Charge (CCx)		\$0.0205	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0000		Proposed Eighth Revised Page 88
Environmental Surcharge (ES)		0.0000	
Interruptible Transportation Margin Credit (ITMC)		0.0000	
Gas Restructuring Expense Factor (GREF)		0.0000	
Rate Case Expense Factor (RCEF)		0.0000	
Residential Low Income Assistance Program (RLIAP)		0.0073	
<b>LDAC</b>		<b>\$0.0278 per therm</b>	

**ENERGY NORTH NATURAL GAS, INC.**  
**d/b/a National Grid NH**  
**Residential Low Income Assistance Program (RLIAP)**

Schedule 19  
RLIAP  
Page 1 of 2

1	<b>Peak Period</b>	<b>Customer Charge</b>	<b>First Block</b>	<b>Last Block</b>	<b>Total</b>
2	R-3 Base Rates	\$ 11.4600	\$ 0.3356	\$ 0.1950	
3	R-4 Rate at 40% of R-3	\$ 4.5800	\$ 0.1343	\$ 0.0780	
4	Program Subsidy	\$ 6.8800	\$ 0.2013	\$ 0.1170	
5	Average Annual Therms		572	203	775
6					
7	Peak Period RLIAP Subsidy	\$ 41.28	\$ 115.18	\$ 23.74	\$ 180.20
8					
9	<b><u>Off Peak Period</u></b>				
10	R-3 Base Rates	\$ 11.4600	\$ 0.3356	\$ 0.1950	
11	R-4 Rate at 40% of R-3	\$ 4.5800	\$ 0.1343	\$ 0.0780	
12	Program Subsidy	\$ 6.8800	\$ 0.2013	\$ 0.1170	
13	Average Annual Therms		118	52	170
14					
15	Off Peak Period RLIAP Subsidy	\$ 41.28	\$ 23.79	\$ 6.09	\$ 71.17
16					
17	Estimated Annual Subsidy	\$ 82.56	\$ 138.98	\$ 29.83	\$ 251.37
18					
19	Number of Estimated 2008/09 Participants				5,353 1/
20					
21	Annual Subsidy times Number of Participants (Ln 17 * Ln 19)				\$ 1,345,568
22	Prior Year Ending Balance - RLIAP Page 2				(219,574)
23	Estimated Annual Administrative Costs				8,650
24	Total Program Costs				\$ 1,134,644
25					
26	Estimated weather normalized firm therms billed for				
27	the twelve months ended 10/31/09 sales and transportation				154,702,063
28					
29	<b>Total Residential Low Income Program Charge</b>				<b>\$ 0.0073</b>

1/ Estimated number of participants for 2008-09 is based on the actual number participants as of June 2008, as provided in the RLIAP Quarterly Report filed on July 31, 2008.

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ENERGY NORTH NATURAL GAS, INC.  
d/b/a National Grid NH  
NOVEMBER 2007 THROUGH OCTOBER 2008  
RESIDENTIAL LOW INCOME ASSISTANCE PROGRAM RECONCILIATION  
ACCOUNT 175.39

1 FOR THE MONTH OF:		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	(Estimate) Aug-08	(Estimate) Sep-08	(Estimate) Oct-08	Total
2 DAYS IN MONTH		30	31	31	29	31	30	31	30	31	31	30	31	
3	Beginning Balance	\$ (247,526)	\$ (269,918)	\$ (301,630)	\$ (321,550)	\$ (291,121)	\$ (251,241)	\$ (184,340)	\$ (146,063)	\$ (133,528)	\$ (118,545)	\$ (67,268)	\$ (18,317)	\$ (247,526)
4														
5	Add: Actual Costs	29,423	77,528	105,651	155,386	152,985	155,353	91,659	48,906	42,672	77,343	77,689	87,605	1,102,201
6														
7	Less: Collected Revenue	(58,875)	(107,466)	(123,730)	(123,502)	(111,805)	(87,514)	(52,682)	(35,798)	(27,155)	(25,673)	(28,562)	(38,358)	(821,120)
8														
9	Per Settlement in Order 24,824 issued 2/29/08												(250,000)	(250,000)
10														
11	Add: Administrative and Start Up Costs	8,650	-	-	-	-	-	-	-	-	-	-	-	8,650
12														
13	Ending Balance Pre-Interest	\$ (268,328)	\$ (299,856)	\$ (319,708)	\$ (289,666)	\$ (249,941)	\$ (183,402)	\$ (145,363)	\$ (132,955)	\$ (118,011)	\$ (66,874)	\$ (18,141)	\$ (219,070)	\$ (207,795)
14														
15	Month's Average Balance	\$ (257,927)	\$ (284,887)	\$ (310,669)	\$ (305,608)	\$ (270,531)	\$ (217,322)	\$ (164,851)	\$ (139,509)	\$ (125,770)	\$ (92,710)	\$ (42,705)	\$ (118,694)	
16														
17	Interest Rate	7.50%	7.33%	6.98%	6.00%	5.66%	5.25%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	
18														
19	Interest Applied	\$ (1,590)	\$ (1,774)	\$ (1,842)	\$ (1,455)	\$ (1,300)	\$ (938)	\$ (700)	\$ (573)	\$ (534)	\$ (394)	\$ (175)	\$ (504)	(11,779)
20														
21	Ending Balance	\$ (269,918)	\$ (301,630)	\$ (321,550)	\$ (291,121)	\$ (251,241)	\$ (184,340)	\$ (146,063)	\$ (133,528)	\$ (118,545)	\$ (67,268)	\$ (18,317)	\$ (219,574)	\$ (219,574)

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### **Conservation Charge (CC) Factor Calculation**

#### **Conservation Charge Factors for Residential Customers (CCres)**

DSM Expenses	\$0 Backup Page 4 Line 7
Residential Lost Margins	\$29,112 Backup Page 5 Line 5
Residential Conservation Reconciliation Adjustment (CCRres)	4,262 Backup Page 2 Line 11
Total Rate Case Expense Recoverable	<u>\$33,374</u>

Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres)	59,758,721
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<b>Conservation Charge Factor for Residential Customers (CCres)</b>	<b>\$0.0006</b>
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#### **Conservation Charge Factors for Commercial Customers (CCcomm)**

DSM Expenses	\$0 Backup Page 4 Line 24
Commercial Lost Margins	\$777 Backup Page 5 Line 16
Commercial Conservation Reconciliation Adjustment (CCRcomm)	(3,128) Backup Page 2 Line 28
Total Rate Case Expense Recoverable	<u>(\$2,351)</u>

Forecasted Annual Throughput Volumes for Commercial Customer (A:VOLcomm)	93,813,738
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<b>Conservation Charge Factor for Commercial Customers (CCres)</b>	<b>\$0.0000</b>
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2007/2008 EnergyNorth Conservation Charge Reconciliation

Line No.	Actual 2007 OCT	Actual 2007 NOV	Actual 2007 DEC	Actual 2008 JAN	Actual 2008 FEB	Actual 2008 MAR	Actual 2008 APR	Actual 2008 MAY	Actual 2008 JUN	Actual 2008 JUL	Estimate 2008 AUG	2008 SEP	TOTAL
<b>Domestic Heating:</b>													
1 <b>Beginning balance</b>	2,743	\$4,007	\$5,479	\$6,074	\$6,914	\$7,026	\$6,905	\$6,234	\$5,807	\$5,261	\$4,694	\$4,245	\$2,743
2 Therms sold	1,486,017	3,713,088	8,692,419	9,503,457	9,539,936	8,562,340	6,448,937	3,376,587	1,777,499	1,286,373	1,152,032	-	55,538,685
3 Surcharge (Tariff Pg. 91)	(0.0006)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	-	
4 Revenue collected	(892)	(1,857)	(4,346)	(4,752)	(4,770)	(4,281)	(3,224)	(1,688)	(889)	(643)	(576)	-	(27,918)
5 Expenses incurred	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Lost net rev (Pg 4 Ln.5)	2,133	3,299	4,906	5,554	4,847	4,128	2,525	1,237	320	55	109	-	29,112
7 Under/(over)	1,242	1,442	560	802	77	(154)	(700)	(451)	(569)	(588)	(467)	-	1,194
8 Pre-interest ending balance	3,985	5,449	6,038	6,876	6,991	6,872	6,205	5,782	5,238	4,673	4,226	4,245	3,937
9 Average monthly balance	3,364	4,728	5,758	6,475	6,952	6,949	6,555	6,008	5,523	4,967	4,460	4,245	3,340
10 Interest for month	22	30	35	38	35	33	29	25	23	21	19	18	325
11 <b>Month-end balance</b>	4,007	5,479	6,074	6,914	7,026	6,905	6,234	5,807	5,261	4,694	4,245	4,262	4,262
12 Interest rate	7.75%	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%	5.00%	5.00%	5.00%	5.00%	5.00%	5.96%
13													
14	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	2008	
15	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	
16 <b>Commercial Heating:</b>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
17 <b>Beginning balance</b>	(3,707)	(\$3,682)	(\$3,615)	(\$3,502)	(\$3,368)	(\$3,254)	(\$3,160)	(\$3,107)	(\$3,091)	(\$3,095)	(\$3,106)	(\$3,115)	(\$3,707)
18 Therms sold	3,880,671	6,032,970	11,085,314	13,278,434	13,202,955	12,021,866	9,649,489	6,292,406	4,781,718	3,681,187	3,334,902	-	87,241,912
19 Surcharge (Tariff Pg. 91)	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Revenue collected	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Expenses incurred	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Lost net rev (Pg 4 Ln.16)	49	90	134	154	130	109	67	29	9	2	4	-	777
23	-	-	-	-	-	-	-	-	-	-	-	-	-
24 Under/(over)	49	90	134	154	130	109	67	29	9	2	4	-	777
25 Pre-interest ending balance	(3,658)	(3,592)	(3,480)	(3,348)	(3,238)	(3,145)	(3,093)	(3,078)	(3,082)	(3,093)	(3,102)	(3,115)	(2,930)
26 Average monthly balance	(3,683)	(3,637)	(3,548)	(3,425)	(3,303)	(3,200)	(3,126)	(3,092)	(3,087)	(3,094)	(3,104)	(3,115)	(3,318)
27 Interest for month	(24)	(23)	(22)	(20)	(17)	(15)	(14)	(13)	(13)	(13)	(13)	(13)	(198)
28 <b>Month-end balance</b>	(3,682)	(3,615)	(3,502)	(3,368)	(3,254)	(3,160)	(3,107)	(3,091)	(3,095)	(3,106)	(3,115)	(3,128)	(3,128)
29 Interest rate	7.75%	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%	5.00%	5.00%	5.00%	5.00%	5.00%	
30													
31	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	2008	
32	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	
33 <b>TOTAL</b>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
34 <b>Beginning balance</b>	(\$964)	\$325	\$1,864	\$2,572	\$3,545	\$3,771	\$3,745	\$3,127	\$2,716	\$2,166	\$1,587	\$1,130	(\$964)
35 Therms sold	5,366,688	9,746,058	19,777,733	22,781,891	22,742,891	20,584,206	16,098,426	9,668,993	6,559,217	4,967,560	4,486,934	-	142,780,597
36 Revenue collected	(892)	(1,857)	(4,346)	(4,752)	(4,770)	(4,281)	(3,224)	(1,688)	(889)	(643)	(576)	-	(27,918)
37 Expenses incurred	-	-	-	-	-	-	-	-	-	-	-	-	-
38 Lost net revenues	2,182	3,389	5,041	5,708	4,978	4,237	2,591	1,266	328	57	113	-	29,889
39 Under/(over)	1,290	1,532	694	956	208	(44)	(633)	(423)	(560)	(586)	(463)	-	1,971
40 Pre-interest ending balance	327	1,857	2,558	3,528	3,753	3,727	3,112	2,704	2,156	1,580	1,124	1,130	1,007
41 Interest for month	(2)	7	14	18	18	18	15	12	10	8	6	5	127
42 <b>Month-end balance</b>	325	1,864	2,572	3,545	3,771	3,745	3,127	2,716	2,166	1,587	1,130	1,135	1,135
43 Interest rate	7.75%	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%	5.00%	5.00%	5.00%	5.00%	5.00%	

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2007/2008 EnergyNorth Conservation Charge Reconciliation

Line No.	Actual Throughput													TOTAL
	2007 OCT	2007 NOV	2007 DEC	2008 JAN	2008 FEB	2008 MAR	2008 APR	2008 MAY	2008 JUN	2008 JUL	2008 AUG	2008 SEP		
Domestic Heating:														
1	Therms sold - actual	1,486,017	3,713,088	8,692,419	9,503,457	9,539,936	8,562,340	6,448,937	3,376,587	1,777,499	1,286,373	1,152,032	1,240,508	56,779,193
2	Surcharge (Tariff Pg 61)	(\$0.0006)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	(\$0.0005)	
3	Revenue - actual	(892)	(1,857)	(4,346)	(4,752)	(4,770)	(4,281)	(3,224)	(1,688)	(889)	(643)	(576)	(620)	(28,538)
4														
5														
6														
Commercial Heating:														
8	Therms sold - actual	3,880,671	6,032,970	11,085,314	13,278,434	13,202,955	12,021,866	9,649,489	6,292,406	4,781,718	3,681,187	3,334,902	3,551,921	90,793,833
9	Surcharge (Tariff Pg 61)	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
10	Revenue - actual	-	-	-	-	-	-	-	-	-	-	-	-	-
11														
12														
Total:														
14	Therms sold - actual	5,366,688	9,746,058	19,777,733	22,781,891	22,742,891	20,584,206	16,098,426	9,668,993	6,559,217	4,967,560	4,486,934	4,792,429	147,573,026
15	Revenue - actual	(892)	(1,857)	(4,346)	(4,752)	(4,770)	(4,281)	(3,224)	(1,688)	(889)	(643)	(576)	(620)	(28,538)

2007/2008 EnergyNorth Conservation Charge Reconciliation

		Actual Expenses												
		2007 <u>OCT</u>	2007 <u>NOV</u>	2007 <u>DEC</u>	2008 <u>JAN</u>	2008 <u>FEB</u>	2008 <u>MAR</u>	2008 <u>APR</u>	2008 <u>MAY</u>	2008 <u>JUN</u>	2008 <u>JUL</u>	2008 <u>AUG</u>	2008 <u>SEP</u>	<u>TOTAL</u>
Line No.	<b>Residential Expenses Incurred</b>													
1	Administrative	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Audit	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Marketing	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Measures	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Rebates	-	-	-	-	-	-	-	-	-	-	-	-	-
6														
7	Total Residential Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
8														
9														
10														
11	<b>Commercial Expenses Incurred</b>													
12														
13	Administrative:													
14	Delivery Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Photocopies	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Telephone	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Travel	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Audit	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Legal	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Marketing	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Measures	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Rebates	-	-	-	-	-	-	-	-	-	-	-	-	-
23														
24	Total Commercial Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-

**2007/2008 ENERGYNORTH LOST MARGIN SUMMARY**

<b><u>Residential Heating</u></b>		2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>	<u>TOTAL</u>
Line No.	<b>fiscal 2008</b>													
1	Lost Vol Therms (Pg 6 Ln 29)	21,873	33,824	50,305	56,949	49,701	42,323	25,886	12,684	3,279	561	1,079	-	298,463
2	Tailblock Rate	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1711	\$0.1767	\$0.0000	
3	Margin	\$3,743	\$5,787	\$8,607	\$9,744	\$8,504	\$7,242	\$4,429	\$2,170	\$561	\$96	\$191	\$0	\$51,073
4	Recovery Rate	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>0%</u>	
5	Lost Margin	<u>\$2,133</u>	<u>\$3,299</u>	<u>\$4,906</u>	<u>\$5,554</u>	<u>\$4,847</u>	<u>\$4,128</u>	<u>\$2,525</u>	<u>\$1,237</u>	<u>\$320</u>	<u>\$55</u>	<u>\$109</u>	<u>\$0</u>	<u>\$29,112</u>
6														
7														
8														
9	<b><u>Commercial and Industrial:</u></b>													
10														
11	<b>fiscal 2008</b>													
12	Lost Vol Therms (Pg 5 Ln 53)	551	859	1,284	1,467	1,245	1,044	639	324	97	23	46	-	7,577
13	Tailblock Rate	\$0.1551	\$0.1838	\$0.1838	\$0.1838	\$0.1838	\$0.1838	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1601	\$0.0000	
14	Margin	\$86	\$158	\$236	\$270	\$229	\$192	\$117	\$50	\$15	\$4	\$7	\$0	\$1,363
15	Recovery Rate	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>0%</u>	<u>57%</u>
16	Lost Margin	<u>\$49</u>	<u>\$90</u>	<u>\$134</u>	<u>\$154</u>	<u>\$130</u>	<u>\$109</u>	<u>\$67</u>	<u>\$29</u>	<u>\$9</u>	<u>\$2</u>	<u>\$4</u>	<u>\$0</u>	<u>\$777</u>
17														
18														
19	<b><u>Total</u></b>													
20														
21	<b>fiscal 2008</b>													
22	Lost Volume Therms	22,425	34,683	51,588	58,416	50,946	43,367	26,524	13,008	3,375	584	1,124	-	
23	Tailblock Rate													
24	Margin	\$3,828	\$5,945	\$8,843	\$10,014	\$8,733	\$7,433	\$4,546	\$2,220	\$576	\$100	\$198	\$0	\$52,436
25	recovery rate	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>57%</u>	<u>0%</u>	<u>57%</u>
26	recoverable portion	<u>\$2,182</u>	<u>\$3,389</u>	<u>\$5,041</u>	<u>\$5,708</u>	<u>\$4,978</u>	<u>\$4,237</u>	<u>\$2,591</u>	<u>\$1,266</u>	<u>\$328</u>	<u>\$57</u>	<u>\$113</u>	<u>\$0</u>	<u>\$29,889</u>

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ENERGYNORTH 2007/2008 LOST MARGIN CALCULATION BACKUP

Line No. Actual tailblock margin

New Rate  
Eff 8/24/08

	<u>Oct-07</u>	<u>Nov-07</u>	<u>Dec-07</u>	<u>Jan-08</u>	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>	<u>Jun-08</u>	<u>Jul-08</u>	<u>Aug-08</u>	<u>Sep-08</u>	
1 Domestic Heating	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1767	0.1950	
2													
3 Commercial Heating	0.1551	0.1838	0.1838	0.1838	0.1838	0.1838	0.1838	0.1551	0.1551	0.1551	0.1601	0.1767	
4													
5 Normal heating degree days (calendar):													
6	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG</u>	<u>SEP</u>	<u>Total</u>
7													
8 Heating Degree Days	507	784	1,166	1,320	1,152	981	600	294	76	13	25	161	7,079
9													
10 Percent of Total	7.16%	11.08%	16.47%	18.65%	16.27%	13.86%	8.48%	4.15%	1.07%	0.18%	0.35%	2.27%	100.00%
11													

Residential Heating

Therms														Pg 8 Ln32 F Y 97 Savings	Pg 7 Ln31 FY98 Savings	Pg 6 Ln14 FY99 Savings	FY00 Savings	FY01 Savings
15 program year 2008	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG</u>	<u>SEP</u>	<u>Total</u>	<u>annual load</u>				
16 DH - therm savings fiscal																		
17 Oct-06	1,105	1,709	2,542	2,877	2,511	2,138	1,308	641	166	28	54	351	15,432	15,432	8,616	6,816	-	0
18 Nov-06	1,178	1,822	2,710	3,067	2,677	2,280	1,394	683	177	30	58	374	16,450	16,450	3,455	12,996	-	0
19 Dec-06	1,852	2,865	4,260	4,823	4,209	3,584	2,192	1,074	278	47	91	588	25,866	25,866	4,342	15,945	5,579	0
20 Jan-07	1,849	2,859	4,253	4,814	4,201	3,578	2,188	1,072	277	47	91	587	25,818	25,818	4,088	6,134	15,596	0
21 Feb-07	2,605	4,028	5,991	6,782	5,919	5,040	3,083	1,511	390	67	128	827	36,373	36,373	9,277	12,457	14,639	0
22 Mar-07	2,259	3,494	5,196	5,882	5,134	4,372	2,674	1,310	339	58	111	717	31,547	31,547	8,055	14,524	8,969	0
23 Apr-07	2,583	3,993	5,939	6,724	5,868	4,997	3,056	1,498	387	66	127	820	36,059	36,059	10,465	17,113	8,481	0
24 May-07	1,191	1,842	2,740	3,101	2,707	2,305	1,410	691	179	31	59	378	16,633	16,633	11,922	4,711	-	0
25 Jun-07	2,346	3,628	5,396	6,109	5,331	4,540	2,777	1,361	352	60	116	745	32,762	32,762	23,809	7,258	1,695	0
26 Jul-07	1,131	1,750	2,602	2,946	2,571	2,189	1,339	656	170	29	56	359	15,798	15,798	12,412	3,386	-	0
27 Aug-07	1,280	1,980	2,944	3,333	2,909	2,477	1,515	742	192	33	63	407	17,875	17,875	12,514	1,331	4,030	0
28 Sep-07	2,492	3,854	5,732	6,489	5,663	4,822	2,950	1,445	374	64	123	791	34,800	34,800	28,758	5,981	61	0
29 totals	21,873	33,824	50,305	56,949	49,701	42,323	25,886	12,684	3,279	561	1,079	6,946	305,409	305,409	137,710	108,649	59,050	-
30																		
31 Rate	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1711	0.1767	0.1950						
32 Margin	3,743	5,787	8,607	9,744	8,504	7,242	4,429	2,170	561	96	191	1,354	52,428					
33 Recovery Rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%						
34	2,133	3,299	4,906	5,554	4,847	4,128	2,525	1,237	320	55	109	772	29,884					

Commercial Heating

Therms														Pg 8 Ln49 F Y 97 Savings	Pg 7 Ln48 FY98 Savings	FY99 Savings	FY00 Savings	FY01 Savings
39 program year 2008	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG</u>	<u>SEP</u>	<u>Total</u>	<u>Total</u>				
40 CH - therm savings																		
41 Oct-06	13	21	31	36	30	25	15	8	2	1	1	5	189	189	-	189	0	0
42 Nov-06	40	62	93	107	91	76	46	24	7	2	3	16	567	567	378	189	0	0
43 Dec-06	84	131	196	224	190	159	97	49	15	3	7	33	1,189	1,189	439	750	0	0
44 Jan-07	67	104	156	178	151	127	77	39	12	3	6	26	945	945	189	756	0	0
45 Feb-07	28	44	66	75	64	53	33	17	5	1	2	11	399	399	189	210	0	0
46 Mar-07	67	104	156	178	151	127	77	39	12	3	6	26	945	945	378	567	0	0
47 Apr-07	13	21	31	36	30	25	15	8	2	1	1	5	189	189	-	189	0	0
48 May-07	27	42	62	71	60	51	31	16	5	1	2	11	378	378	-	378	0	0
49 Jun-07	89	138	207	236	201	168	103	52	16	4	7	35	1,256	1,256	567	689	0	0
50 Jul-07	39	60	90	103	88	74	45	23	7	2	3	15	549	549	549	-	0	0
51 Aug-07	13	21	31	36	30	25	15	8	2	1	1	5	189	189	189	-	0	0
52 Sep-07	71	110	165	188	160	134	82	42	12	3	6	28	1,000	1,000	-	1,000	0	0
53 totals	551	859	1,284	1,467	1,245	1,044	639	324	97	23	46	217	7,795	7,795	2,878	4,917	-	-
54																		
55 Rate	\$0.1551	\$0.1838	\$0.1838	\$0.1838	\$0.1838	\$0.1838	\$0.1838	\$0.1551	\$0.1551	\$0.1551	\$0.1601	\$0.1767						
56 Margin	\$86	\$158	\$236	\$270	\$229	\$192	\$117	\$50	\$15	\$4	\$7	\$38	\$1,402					
57 Recovery Rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%						
58 Total Recovery	\$49	\$90	\$134	\$154	\$130	\$109	\$67	\$29	\$9	\$2	\$4	\$22	\$799					

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EnergyNorth Natural Gas, Inc. d/b/a National Grid NH  
Energy Efficiency Programs  
For Residential Non Heating and Heating Classes  
November 1, 2008 - October 31, 2009  
Energy Efficiency Charge

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Energy Efficiency  
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Month	Actual or Forecast	Beginning Balance (Over)/Under	Residential DSM Rate Per Therm	DSM Collections	Forecasted DSM Expenditures	Actual DSM Expenditures		Ending Balance (Over)/Under	Average Balance (Over)/Under	Interest Monthly Federal Prime Rate	Interest @ Fed Reserve Bank Loan Rate	Ending Bal. Plus Interest (Over)/Under	Forecasted Residential Therm Sales	Residential Therm Sales	# of Days
						Residential	Low-Income								
May 08	Actual	(220,162)	(\$0.0133)	(46,065)	86,349	61,899	303	(204,025)	(212,093)	5.00%	(901)	(204,925)	3,634,335	3,463,518	31
June 08	Forecast	(204,925)	(\$0.0133)	(24,573)	86,349	36,381	131	(192,986)	(198,956)	5.00%	(818)	(193,804)	2,377,283	1,847,599	30
July 08	Forecast	(193,804)	(\$0.0133)	(20,128)	86,349	0	0	(127,584)	(160,694)	5.00%	(682)	(128,266)	1,513,415	0	31
August 08	Forecast	(128,266)	(\$0.0133)	(16,670)	86,349	0	0	(58,587)	(93,426)	5.00%	(397)	(58,984)	1,253,369	0	31
September 08	Forecast	(58,984)	(\$0.0133)	(19,055)	86,349	0	0	8,310	(25,337)	5.00%	(104)	8,206	1,432,714	0	30
October 08	Forecast	8,206	(\$0.0133)	(30,289)	86,349	0	0	64,266	36,236	5.00%	154	64,420	2,277,336	0	31
November 08	Forecast	64,420	(\$0.0181)	(75,873)	86,936	0	0	75,482	69,951	5.00%	287	75,770	4,196,527	0	30
December 08	Forecast	75,770	(\$0.0181)	(154,248)	86,936	0	0	8,457	42,114	5.00%	179	8,636	8,531,435	0	31
January 09	Forecast	8,636	(\$0.0181)	(181,328)	86,936	0	0	(88,756)	(38,560)	5.00%	(164)	(85,920)	10,029,231	0	31
February 09	Forecast	(85,920)	(\$0.0181)	(189,576)	86,936	0	0	(188,560)	(137,240)	5.00%	(526)	(189,087)	10,485,397	0	28
March 09	Forecast	(189,087)	(\$0.0181)	(161,084)	86,936	0	0	(263,235)	(226,161)	5.00%	(960)	(264,195)	8,909,504	0	31
April 09	Forecast	(264,195)	(\$0.0181)	(124,742)	86,936	0	0	(302,001)	(283,098)	5.00%	(1,163)	(303,165)	6,899,441	0	30
May 09	Forecast	(303,165)	(\$0.0181)	(69,389)	86,936	0	0	(285,617)	(294,391)	5.00%	(1,250)	(286,868)	3,837,862	0	31
June 09	Forecast	(286,868)	(\$0.0181)	(38,438)	86,936	0	0	(238,370)	(262,619)	5.00%	(1,079)	(239,449)	2,125,987	0	30
July 09	Forecast	(239,449)	(\$0.0181)	(25,932)	86,936	0	0	(178,445)	(208,947)	5.00%	(887)	(179,332)	1,434,266	0	31
August 09	Forecast	(179,332)	(\$0.0181)	(22,943)	86,936	0	0	(115,339)	(147,335)	5.00%	(626)	(115,965)	1,268,968	0	31
September 09	Forecast	(115,965)	(\$0.0181)	(24,660)	86,936	0	0	(53,689)	(84,827)	5.00%	(349)	(54,038)	1,363,950	0	30
October 09	Forecast	(54,038)	(\$0.0181)	(32,648)	86,936	0	0	250	(26,894)	5.00%	(114)	136	1,805,758	0	31
12 Month Totals				(1,100,861)	1,043,230	0					(6,653)		60,888,325	0	

Residential Non Heating Therm Sales	1,129,605	1%
Residential Heating Therm Sales	59,758,721	39%
C&I Therm Sales	93,813,738	61%
<b>Total Therms</b>	<b>154,702,063</b>	<b>100%</b>

Estimated Residential Nonheating Conservation Charge Effective November 2008 - October 2009		
Beginning Balance	\$	64,420
Program Budget		1,043,230
Projected Interest		(6,673)
Projected Budget with Interest	\$	1,100,976
<b>Total Charges</b>	<b>\$</b>	<b>1,107,650</b>
<b>Projected Therm Sales</b>		<b>60,888,325</b>
<b>Residential Rate</b>		<b>\$0.0182</b>
<b>Total Charges with Interest</b>	<b>\$</b>	<b>1,100,976</b>
<b>Projected Therm Sales</b>		<b>60,888,325</b>
<b>Residential Rate</b>		<b>\$0.0181</b>

<b>2008-09</b>	
Low-Income Program Budget	\$ 442,864
Other Refund	-
<b>Total Shared Budget</b>	<b>\$ 442,864</b>
Residential Program Budget	\$ 782,128
Residential Program Incentive	86,797
<b>Total Residential Program Budget</b>	<b>\$ 868,925</b>
Commercial/Industrial Program Budget	\$ 1,426,799
Commercial/Industrial Program Incentive	78,019
<b>Total Commercial/Industrial Program Budget</b>	<b>\$ 1,504,817</b>
<b>Total Program Budget</b>	<b>\$ 2,816,607</b>
Shared Expenses Allocation to Residential	\$ 174,304
Shared Expenses Allocation to C&I	268,560
<b>Total Allocated Shared Expenses</b>	<b>\$ 442,864</b>
Total Residential (including allocation of Shared Budget)	\$ 1,043,230
Total C&I (including allocation of Shared Budget)	1,773,377
<b>Total Budget</b>	<b>\$ 2,816,607</b>

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**EnergyNorth Natural Gas, Inc. d/b/a National Grid NH**  
**Energy Efficiency Programs**  
**For Commercial/Industrial Classes**  
**November 1, 2008 - October 31, 2009**  
**Energy Efficiency Charge**

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Month	Actual or Forecast	Beginning Balance (Over)/Under	DSM Rate Per Therm	DSM Collections	Forecasted DSM Expenditures	Actual DSM Expenditures		Ending Balance (Over)/Under	Average Balance (Over)/Under	Interest Fed Reserve Prime Rate	Interest @ Fed Reserve Bank Loan Rate	Ending Bal. Plus Interest (Over)/Under	Forecasted Commercial/Industrial Therm Sales	Commercial/Industrial Therm Sales	# of Days
						Com-Ind	Low-Income								
May 08	Actual	(559,861)	(\$0.0047)	(29,574)	147,781	32,338	401	(556,695)	(558,278)	5.00%	(2,371)	(559,066)	5,734,006	6,292,406	31
June 08	Forecast	(559,066)	(\$0.0047)	(22,474)	147,781	220,726	174	(360,640)	(459,853)	5.00%	(1,890)	(362,530)	4,880,050	4,781,718	30
July 08	Forecast	(362,530)	(\$0.0047)	(17,890)	147,781	0	0	(232,639)	(297,585)	5.00%	(1,264)	(233,903)	3,806,307	0	31
August 08	Forecast	(233,903)	(\$0.0047)	(16,323)	147,781	0	0	(102,444)	(168,173)	5.00%	(714)	(103,158)	3,473,080	0	31
September 08	Forecast	(103,158)	(\$0.0047)	(17,981)	147,781	0	0	26,642	(38,258)	5.00%	(157)	26,485	3,825,702	0	30
October 08	Forecast	26,485	(\$0.0047)	(22,488)	147,781	0	0	151,778	89,132	5.00%	379	152,157	4,784,631	0	31
November 08	Forecast	152,157	(\$0.0205)	(132,237)	147,781	0	0	167,701	159,929	5.00%	657	168,358	6,450,604	0	30
December 08	Forecast	168,358	(\$0.0205)	(219,695)	147,781	0	0	96,445	132,402	5.00%	562	97,007	10,716,832	0	31
January 09	Forecast	97,007	(\$0.0205)	(279,285)	147,781	0	0	(34,496)	31,255	5.00%	133	(34,364)	13,623,635	0	31
February 09	Forecast	(34,364)	(\$0.0205)	(288,228)	147,781	0	0	(174,810)	(104,587)	5.00%	(401)	(175,211)	14,059,885	0	28
March 09	Forecast	(175,211)	(\$0.0205)	(260,426)	147,781	0	0	(287,856)	(231,534)	5.00%	(983)	(288,839)	12,703,701	0	31
April 09	Forecast	(288,839)	(\$0.0205)	(212,768)	147,781	0	0	(353,826)	(321,333)	5.00%	(1,321)	(355,146)	10,378,942	0	30
May 09	Forecast	(355,146)	(\$0.0205)	(121,330)	147,781	0	0	(328,695)	(341,921)	5.00%	(1,452)	(330,147)	5,918,532	0	31
June 09	Forecast	(330,147)	(\$0.0205)	(96,602)	147,781	0	0	(278,968)	(304,557)	5.00%	(1,252)	(280,219)	4,712,279	0	30
July 09	Forecast	(280,219)	(\$0.0205)	(73,773)	147,781	0	0	(206,211)	(243,215)	5.00%	(1,033)	(207,244)	3,598,666	0	31
August 09	Forecast	(207,244)	(\$0.0205)	(73,648)	147,781	0	0	(133,110)	(170,177)	5.00%	(723)	(133,833)	3,592,564	0	31
September 09	Forecast	(133,833)	(\$0.0205)	(79,577)	147,781	0	0	(65,628)	(99,731)	5.00%	(410)	(66,038)	3,881,786	0	30
October 09	Forecast	(66,038)	(\$0.0205)	(85,614)	147,781	0	0	(3,871)	(34,955)	5.00%	(148)	(4,019)	4,176,311	0	31

Totals	(\$1,923,183)	\$1,773,377	\$0	(\$6,370)	93,813,738	0
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Estimated C & I Conservation Charge Effective November 2008 - October 2009	
Beginning Balance	\$152,157
Program Budget	1,773,377.02
Projected Interest	(6,284.87)
Program Budget with Interest	\$1,919,249
<b>Total Charges</b>	<b>\$1,925,534</b>
Projected Therm Sales	93,813,738
C&I Rate	\$0.0205
Total Charges with Interest	\$1,919,249
Projected Therm Sales	93,813,738
<b>Com/Ind Rate</b>	<b>\$0.0205</b>
Com/Ind Rate from Prior Programs <sup>(1)</sup>	\$0.0000
Combined Com/Ind Rate	\$0.0205

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EnergyNorth Natural Gas, Inc. d/b/a National Grid NH  
 Energy Efficiency Programs  
 For Residential and Commercial/Industrial Classes  
 November 1, 2008 - October 31, 2009  
 Energy Efficiency Charge

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Month	Actual or Forecast	Beginning Balance (Over)/Under	DSM Rate Per Therm	DSM Collections	Forecasted DSM Expenditures	Actual DSM Expenditures				Ending Balance (Over)/Under	Average Balance (Over)/Under	Interest Plus Interest Prime Rate	Interest @ Fed Reserve Bank Loan Rate	Ending Bal. Plus Interest (Over)/Under	Forecasted Therm Sales	Therm Sales	# of Days
						Residential	Com-Ind	Low-Income	Total								
May 08	Actual	(780,023)	n/a	(75,639)	234,130	61,899	32,338	704	94,941	(760,720)	(770,371)	5.00%	(3,271)	(763,991)	9,368,341	9,755,924	31
June 08	Forecast	(763,991)	n/a	(47,047)	234,130	36,381	220,726	305	257,412	(553,627)	(658,809)	5.00%	(2,707)	(556,334)	7,257,333	6,629,317	30
July 08	Forecast	(556,334)	n/a	(38,018)	234,130	0	0	0	0	(360,222)	(458,278)	5.00%	(1,946)	(362,168)	5,319,722	0	31
August 08	Forecast	(362,168)	n/a	(32,993)	234,130	0	0	0	0	(161,031)	(261,600)	5.00%	(1,111)	(162,142)	4,726,448	0	31
September 08	Forecast	(162,142)	n/a	(37,036)	234,130	0	0	0	0	34,952	(63,595)	5.00%	(261)	34,691	5,258,416	0	30
October 08	Forecast	34,691	n/a	(52,777)	234,130	0	0	0	0	216,044	125,367	5.00%	532	216,577	7,061,967	0	31
November 08	Forecast	216,577	n/a	(208,110)	234,717	0	0	0	0	243,184	229,880	5.00%	945	244,128	10,647,131	0	30
December 08	Forecast	244,128	n/a	(373,943)	234,717	0	0	0	0	104,902	174,515	5.00%	741	105,643	19,248,266	0	31
January 09	Forecast	105,643	n/a	(460,613)	234,717	0	0	0	0	(120,253)	(7,305)	5.00%	(31)	(120,284)	23,652,865	0	31
February 09	Forecast	(120,284)	n/a	(477,804)	234,717	0	0	0	0	(363,371)	(241,827)	5.00%	(928)	(364,298)	24,545,282	0	28
March 09	Forecast	(364,298)	n/a	(421,510)	234,717	0	0	0	0	(551,091)	(457,695)	5.00%	(1,944)	(553,035)	21,613,205	0	31
April 09	Forecast	(553,035)	n/a	(337,510)	234,717	0	0	0	0	(655,827)	(604,431)	5.00%	(2,484)	(658,311)	17,278,384	0	30
May 09	Forecast	(658,311)	n/a	(190,719)	234,717	0	0	0	0	(614,312)	(636,312)	5.00%	(2,702)	(617,015)	9,756,394	0	31
June 09	Forecast	(617,015)	n/a	(135,040)	234,717	0	0	0	0	(517,337)	(567,176)	5.00%	(2,331)	(519,668)	6,838,266	0	30
July 09	Forecast	(519,668)	n/a	(99,705)	234,717	0	0	0	0	(384,655)	(452,162)	5.00%	(1,920)	(386,576)	5,032,932	0	31
August 09	Forecast	(386,576)	n/a	(96,591)	234,717	0	0	0	0	(248,449)	(317,512)	5.00%	(1,348)	(249,798)	4,861,531	0	31
September 09	Forecast	(249,798)	n/a	(104,237)	234,717	0	0	0	0	(119,318)	(184,558)	5.00%	(758)	(120,076)	5,245,736	0	30
October 09	Forecast	(120,076)	n/a	(118,262)	234,717	0	0	0	0	(3,621)	(61,848)	5.00%	(263)	(3,884)	5,982,070	0	31

Totals				(\$3,024,044)	\$2,816,607	\$0									154,702,063	0	
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Residential (R-1 & R-3) and C & I Conservation Charge Effective November 2008 - October 2009	
Beginning Balance	\$216,577
Program Budget	2,816,606.72
Projected Interest	(13,022.95)
Program Budget with Interest	\$3,020,160
<b>Total Charges</b>	<b>\$3,020,160</b>

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DSM/MT Program Budget & Goals: Program Year Three (May 1, 2008 - April 30, 2009)

NH Program Budget & Goals	NH Services	NH Vendor Support	NH Company Admin	NH Communication	NH Trade Ally Training	NH Evaluation & Reporting	NH Other	NH Budget	NH Program Goals
<b>Residential</b>									
Low Income	\$278,598	\$77,837	\$54,494	\$6,223	\$2,849	\$4,672	\$18,191	\$442,864	160 Participants
Residential Weatherization	\$42,344	\$7,763	\$4,940	\$20,586	\$10,395	\$3,529	\$0	\$89,557	45 Rebates
Residential High Efficiency Heating	\$172,500	\$7,500	\$21,043	\$45,093	\$10,012	\$15,031	\$0	\$271,179	500 Audits
Residential Water Heating	\$45,000	\$3,864	\$5,031	\$20,781	\$1,438	\$5,594	\$0	\$81,708	150 Windows
ES Windows	\$30,000	\$6,327	\$4,026	\$18,628	\$1,150	\$2,876	\$0	\$63,008	300 Rebates
Advanced Residential Controls	\$10,000	\$7,185	\$1,942	\$14,162	\$555	\$1,387	\$0	\$35,231	325 New Users
ES Homes	\$39,337	\$7,212	\$4,589	\$9,834	\$1,311	\$3,278	\$0	\$65,561	55 Thermostats
Energy Analysis: Internet Audit	\$18,837	\$2,416	\$2,868	\$16,146	\$820	\$2,049	\$0	\$43,136	600 Rebates
Residential Conservation Services	\$58,356	\$5,772	\$3,673	\$14,985	\$1,049	\$2,623	\$0	\$86,459	200 Participants
Building Practices and Demo	\$27,775	\$5,092	\$3,240	\$6,944	\$926	\$2,315	\$0	\$46,291	12
<b>Residential Subtotal</b>	\$722,746	\$130,968	\$105,848	\$173,381	\$30,505	\$43,354	\$18,191	<b>\$1,224,992</b>	2,347
<b>Commercial &amp; Industrial</b>									
Comm Energy Efficiency Program	\$ 267,856	\$ 81,904	\$ 30,049	\$ 117,824	\$ 5,710	\$ 39,275	\$ -	\$542,617	84 Participants
Multifamily Housing Program	\$ 74,520	\$ 35,000	\$ 20,820	\$ 44,613	\$ 5,948	\$ 14,871	\$ -	\$195,773	3 Projects
Comm High Efficiency Heating	\$ 99,600	\$ 1,500	\$ 161	\$ 345	\$ 5,642	\$ 14,556	\$ -	\$121,803	116 Rebates
Economic Redevelopment	\$ 240,405	\$ 7,950	\$ 19,751	\$ 42,324	\$ 5,643	\$ 14,108	\$ -	\$330,182	210 New Users
Building Practices and Demo	\$ 160,150	\$ 24,000	\$ 7,519	\$ 16,113	\$ 2,148	\$ 5,371	\$ -	\$215,301	21
Energy Analysis: Internet Audit	\$ 12,673	\$ 2,323	\$ 1,479	\$ 3,168	\$ 422	\$ 1,056	\$ -	\$21,122	2
<b>Commercial Total</b>								<b>\$1,426,799</b>	
<b>Total</b>	<b>\$915,075</b>	<b>\$281,318</b>	<b>\$220,500</b>	<b>\$120,330</b>	<b>\$26,250</b>	<b>\$36,750</b>	<b>\$27,278</b>	<b>\$2,651,791</b>	

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**Exhibit-C: KeySpan Energy Delivery - NH DSM/MT Program Year Two (2007-2008): Shareholder Incentive Calculation - August 27, 2008**

Program	Expenditures (Budget) for Program Year 2	Design Goal for PY 1	Projected Lifetime Therms Savings <sup>1</sup>	Actual Lifetime Therm Savings <sup>2</sup>	Actual LTT/Projected LTT	Projected TRC <sup>3</sup>	Actual TRC <sup>4</sup>	Actual TRC/Projected TRC	Lifetime Savings Incentive	Cost-effectiveness Incentive		Actual Pre Tax Design Incentive
<b>Residential</b>												
Low Income	\$ 402,144	140 Participants	971,208	1,463,749	1.507	2.04	2.59	1.27				
Residential Weatherization	\$ 53,041	60 Rebates	529,920	600,576	1.133	4.38	4.94	1.13				
Residential High Efficiency Heating	\$ 237,765	500 Rebates	1,650,000	1,766,820	1.071	5.23	5.47	1.05				
Residential High Efficiency Water Heating	\$ 45,550	105 Rebates	160,650	256,580	1.597	2.57	2.62	1.02				
Energy Star Windows	\$ 49,519	3,000 Rebates	235,515	183,620	0.780	3.08	3.44	1.12				
Energy Star Thermostats	\$ 29,470	460 Rebates	345,000	216,040	0.626	9.41	10.93	1.16				
Energy Star Homes	\$ 48,154	75 Participants	510,000	340,000	0.667	4.41	2.98	0.67				
Energy Analysis: Internet Audit Guide	\$ 27,301	600 New Users										
Residential Technology Demonstration	\$ 44,087	2 Projects										
Residential Conservation Services	\$ 40,311	200 Participants										
<b>Total</b>	\$ 977,340	5,142	4,402,293	4,827,385	1.097	3.01	3.29	1.0913	\$ 42,869	\$ 43,928	1/	\$ 86,797
<b>C&amp;I and Multifamily</b>												
Commercial Energy Efficiency Program	\$ 310,109	84 Participants	3,421,958	11,895,379	3.476	5.51	7.41	1.34				
Multifamily Housing	\$ 71,289	21 Participants	1,205,228	5,567,005	4.619	11.36	20.55	1.81				
Commercial High Efficiency Heating	\$ 82,696	116 Rebates	874,380	638,900	0.731	8.03	7.33	0.91				
Economic Redevelopment	\$ 124,044	3 Projects	523,500	174,500	0.333	2.57	4.31	1.68				
Commercial Building Practices & Technology Demonstration	\$ 41,348	2 Projects	690,464	345,232	0.500	8.92	12.97	1.45				
C&I Energy Analysis Internet Audit	\$ 20,674	210 New Users										
<b>Total - C&amp;I and Multifamily</b>	\$ 650,160	436	6,715,530	18,621,016	2.773	4.33	5.96	1.38	\$ 72,111	\$ 5,908	1/	\$ 78,019
<b>Total of Column</b>	\$1,627,500									<b>TOTAL Incentive</b>		<b>\$ 164,816</b>

1/ Per Jim Cunningham's September 25, 2008 email.

**Notes:**

This shareholder incentive calculation is based on the methodology described in NH PUC Order 24,109 of December 31, 2002.

Threshold: KeySpan must achieve a minimum "threshold" performance before being eligible to earn an incentive

For the cost-effectiveness component, KeySpan must achieve an actual year-end TRC of 1.0 before any incentive can be earned

Once the threshold is achieved, the earned incentive will be on a sliding scale from 0% to 12%

**Assumptions:**

Design Target Incentive = 8%

Incentive Calculation Formula:  $\text{Incentive}_{\text{res}} = \text{Expenditures}_{\text{res}} \times \{ [4\% \times (\text{TRC}_{\text{Actual}} / \text{TRC}_{\text{Projected}})] + [4\% \times \text{Lifetime Therm Savings}_{\text{Actual}} / \text{Lifetime Therm Savings}_{\text{Projected}}] \}$

Plus

$\text{Incentive}_{\text{C\&I}} = \text{Expenditures}_{\text{C\&I}} \times \{ [4\% \times (\text{TRC}_{\text{Actual}} / \text{TRC}_{\text{Projected}})] + [4\% \times \text{Lifetime Therm Savings}_{\text{Actual}} / \text{Lifetime Therm Savings}_{\text{Projected}}] \}$

<sup>1</sup>Per a September 9, 2005 E-mail from Jim Cunningham of the NH PUC to Subid Wagley of KED, the source of the projected lifetime therm savings for each KED New Hampshire natural gas energy efficiency program and the source of the projected benefit/cost ratios by program is KeySpan's response to NH PUC Staff Data Request 2-31, Pages 3 to 6, Docket DG 04-152, filed by attorney Steven V. Camerino on November 22, 2004).

<sup>2</sup>From the updated Exhibit G showing actual Program Year 1 results.

<sup>3,4,5</sup>Per a September 20, 2005 E-mail from Jim Cunningham of the NH PUC to Subid Wagley of KED, the source of the Lifetime savings and Cost Effectiveness incentive calculations are derived from the updated and streamlined version of the template used by the PUC called "Computation of Actual Performance Incentive-Program Year Two" of DG 02-106 and DG 05-141. In the Commission approved Settlement Agreement that is part of Order 24,109, the Settling Parties and Staff agree to adopt the simplified Staff template of November 2002 ("Staff Template") attached to the Settlement Agreement as Exhibit G. This template shall be used only for purposes of establishing a benchmark for the Gas Utilities' incentive sharing mechanism described in Section II(H) of the Settlement Agreement. The Staff Template allows for an evaluation of the Programs on a year-by-year basis.

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**Environmental Surcharge - Manufactured Gas Plants**

**Manufactured Gas Plants**

Required annual increase in rates \$0

Estimated weather normalized firm therms billed for  
the twelve months ended 10/31/09- sales and  
transportation 154,702,063 therms

Surcharge per therm \$0.0000 per therm

**Total Environmental Surcharge** \$0.0000

filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

EnergyNorth Natural Gas, Inc.  
Environmental Remediation - MGPs  
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Concord Pond										
internal order no. 500061 (formerly acc no. 1796)										
	(thru 3/98) pool #1	(4/98 - 9/98) pool #2	(10/98 - 9/15/99) pool #3	(9/99 - 9/00) pool #4	(9/03 - 9/04) pool #5	(9/04 - 9/05) pool #6	(9/05 - 9/06) pool #7	(9/06 - 9/07) pool #8	(9/07 - 9/08) pool #9	subtotal
Remediation costs (i.o. 500061)	1,422,811	1,843,806	2,154,235	129,002	60,293	21,613	96,293	155,796	95,374	5,979,223
Remediation costs (i.o. 500005)	-	-	-	-	-	-	-	-	-	-
A Subtotal - remediation costs	1,422,811	1,843,806	2,154,235	129,002	60,293	21,613	96,293	155,796	95,374	5,979,223
Cash recoveries (i.o. 500061)	(1,080,580)	(434,476)	(499,684)	(33,204)	-	-	(14,314)	(13,446)	-	(2,075,704)
Cash recoveries (i.o. 500004)	(445,985)	-	-	-	-	-	-	-	-	(445,985)
Recovery costs (i.o. 500004)	623,784	-	-	-	-	-	-	-	-	623,784
Transfer Credit from Gas Restructuring	-	-	-	-	-	-	-	-	-	-
B Subtotal - net recoveries	(902,781)	(434,476)	(499,684)	(33,204)	-	-	(14,314)	(13,446)	-	(1,897,905)
A-B Total net expenses to recover	520,030	1,409,330	1,654,552	95,798	60,293	21,613	81,979	142,350	95,374	4,081,318
Surcharge revenue:										
actual June 1998 - October 1998	(54,889)	-	-	-	-	-	-	-	-	(54,889)
actual November 1998 - October 1999	(287,010)	(251,133)	-	-	-	-	-	-	-	(538,143)
actual November 1999 - October 2000	(178,131)	(266,400)	(316,340)	-	-	-	-	-	-	(760,871)
actual November 2000 - October 2001	-	(292,420)	(334,194)	(13,925)	-	-	-	-	-	(640,539)
actual November 2001 - October 2002	-	(281,914)	(318,686)	(24,514)	-	-	-	-	-	(625,114)
actual November 2002 - October 2003	-	(258,347)	(334,331)	(15,197)	-	-	-	-	-	(607,874)
actual November 2003 - October 2004	-	(14,567)	(276,773)	(14,567)	-	-	-	-	-	(305,907)
Actual November 2004- October 2005	-	-	(56,719)	(14,180)	(14,180)	-	-	-	-	(85,078)
Actual November 2005- October 2006	-	-	-	(6,875)	(6,875)	-	-	-	-	(13,750)
Actual November 2006- October 2007	-	-	-	-	-	-	(14,091)	-	-	(14,091)
Actual November 2007- October 2008	-	-	-	-	-	-	-	-	-	-
AES collections	-	-	-	-	(33,593)	(11,626)	(11,901)	(12,271)	(12,597)	(81,988)
Gas Street overcollection	-	(23,511)	-	-	-	-	-	-	-	(23,511)
Prior Period Pool under/overcollection	-	-	21,038	38,548	45,088	50,734	60,721	116,708	246,787	
C Surcharge Subtotal	(520,030)	(1,388,292)	(1,616,004)	(50,710)	(9,559)	39,108	34,729	104,437	234,190	(3,751,754)
D Net balance to be recovered (A-B+C)	-	21,038	38,548	45,088	50,734	60,721	116,708	246,787	329,564	329,564
E Allocation of Litigated Recovery	-	-	-	-	-	-	-	-	(329,564)	(329,564)
Surcharge calculation 2007/2008	-	-	-	-	-	-	-	-	-	-
Unrecovered costs (D+E)	-	-	-	-	-	-	-	-	-	-
remaining life	-	-	-	-	36	48	60	72	84	-
one year	-	-	-	-	12	12	12	12	12	-
F amortization 2007/2008	-	-	-	-	-	-	-	-	-	-
Required annual increase in rates 2007/2008: smaller of D or F	-	-	-	-	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.

filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

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Laconia & Liberty Hill								
i.o. no. 500005								
(through 9/15/99)								
	pool #1	pool #2	pool #3	pool #4	pool #5	pool #6	pool #7	subtotal
Remediation costs (i.o. 500061)	-	-	-	-	-	-	-	-
Remediation costs (i.o. 500005)	1,027,747	3,513,285	700,000	9,702	2,330,555	2,089,199	434,450	10,104,938
A Subtotal - remediation costs	1,027,747	3,513,285	700,000	9,702	2,330,555	2,089,199	434,450	10,104,938
Cash recoveries (i.o. 500061)	-	-	-	-	-	-	-	-
Cash recoveries (i.o. 500004)	-	-	-	-	-	-	-	-
Recovery costs (i.o. 500004)	-	-	-	-	-	11,643	21,729	33,372
Transfer Credit from Gas Restructuring	-	-	-	-	-	-	-	-
B Subtotal - net recoveries	-	-	-	-	-	11,643	21,729	33,372
A-B Total net expenses to recover	1,027,747	3,513,285	700,000	9,702	2,330,555	2,100,842	456,179	10,138,310
Surcharge revenue:								
actual June 1998 - October 1998	-	-	-	-	-	-	-	-
actual November 1998 - October 1999	-	-	-	-	-	-	-	-
actual November 1999 - October 2000	(151,933)	-	-	-	-	-	-	(151,933)
actual November 2000 - October 2001	(153,172)	(543,065)	-	-	-	-	-	(696,237)
actual November 2001 - October 2002	(159,343)	(527,057)	(110,314)	-	-	-	-	(796,714)
actual November 2002 - October 2003	(151,969)	(547,087)	(106,378)	-	-	-	-	(805,434)
actual November 2003 - October 2004	(131,103)	(466,143)	(101,969)	-	-	-	-	(699,215)
Actual November 2004- October 2005	(127,617)	(439,570)	(85,078)	-	-	-	-	(652,264)
Actual November 2005- October 2006	(141,176)	(453,736)	(96,247)	-	-	-	-	(691,159)
Actual November 2006- October 2007	-	(549,539)	(98,635)	-	(309,996)	-	-	(958,171)
Actual November 2007- October 2008	-	-	-	-	-	-	-	-
AES collections	-	-	-	-	-	-	-	-
Gas Street overcollection	-	-	-	-	-	-	-	-
Prior Period Pool under/overcollection	-	11,434	(1,477)	99,902	109,604	2,130,162	4,231,004	-
C Surcharge Subtotal	(1,016,313)	(3,514,762)	(600,098)	99,902	(200,393)	2,130,162	4,231,004	(5,451,127)
D Net balance to be recovered (A-B+C)	11,434	(1,477)	99,902	109,604	2,130,162	4,231,004	4,687,183	4,687,183
E Allocation of Litigated Recovery	-	-	-	-	-	-	(4,687,183)	(4,687,183)
Surcharge calculation 2007/2008	-	-	-	-	-	-	-	-
Unrecovered costs (D+E)	-	-	-	-	-	-	-	-
remaining life	-	-	-	48	60	72	84	-
one year	-	-	-	12	12	12	12	-
F amortization 2007/2008	-	-	-	-	-	-	-	-
Required annual increase in rates 2007/2	-	-	-	-	-	-	-	-
smaller of D or F	-	-	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.

filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

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Manchester									
	(9/00 - 9/01) pool #1	(9/02 - 9/03) pool #2	(9/02 - 9/03) pool #3 (withdrawn 2/1/04)	(9/03 - 9/04) pool #4	(9/04 - 9/05) pool #5	(9/05 - 9/06) pool #6	(9/06 - 9/07) pool #7	(9/07 - 9/08) pool #8	subtotal
Remediation costs (i.o. 500061)	-	-		335,338	1,989,848	875,702	561,210	4,335,075	8,097,173
Remediation costs (i.o. 500005)	495,106	329,986							825,092
A Subtotal - remediation costs	495,106	329,986	-	335,338	1,989,848	875,702	561,210	4,335,075	8,922,265
Cash recoveries (i.o. 500061)	-	-				(545,540)	(220,353)	(1,127,436)	(1,893,328)
Cash recoveries (i.o. 500004)	-	-							-
Recovery costs (i.o. 500004)	-	-		1,242,326			2,546	-	1,244,872
Transfer Credit from Gas Restructuring							-	-	-
B Subtotal - net recoveries	-	-	-	1,242,326	-	(545,540)	(217,807)	(1,127,436)	(648,457)
A-B Total net expenses to recover	495,106	329,986	-	1,577,664	1,989,848	330,162	343,402	3,207,639	8,273,808
Surcharge revenue:									
actual June 1998 - October 1998	-	-	-	-					-
actual November 1998 - October 1999	-	-	-	-					-
actual November 1999 - October 2000	-	-	-	-					-
actual November 2000 - October 2001	-	-	-	-					-
actual November 2001 - October 2002	(73,543)	-	-	-					(73,543)
actual November 2002 - October 2003	(75,984)	-	-	-					(75,984)
actual November 2003 - October 2004	(72,835)	(24,416)	(41,325)	-					(138,576)
Actual November 2004- October 2005	(70,898)	(42,539)	-	(212,695)	-			-	(326,132)
Actual November 2005- October 2006	(54,998)	(41,249)	-	(206,243)	(261,242)			-	(563,732)
Actual November 2006- October 2007	(70,454)	(56,363)	-	(211,361)	(281,815)	(42,272)			(662,265)
Actual November 2007- October 2008									-
AES collections									-
Gas Street overcollection									-
Prior Period Pool under/overcollection		76,393	241,813	200,488	1,147,852	2,594,644	2,882,534	3,225,936	
C Surcharge Subtotal	(418,713)	(88,173)	200,488	(429,812)	604,796	2,552,371	2,882,534	3,225,936	(1,840,233)
D Net balance to be recovered (A-B+C)	76,393	241,813	200,488	1,147,852	2,594,644	2,882,534	3,225,936	6,433,575	6,433,575
E Allocation of Litigated Recovery			-	-	-			(6,433,575)	(6,433,575)
Surcharge calculation 2007/2008									
Unrecovered costs (D+E)	-	-	-	-	-	-	-	-	-
remaining life	-	-	-	36	48	60	72	84	
one year	-	-	-	12	12	12	12	12	
F amortization 2007/2008	-	-	-	-	-	-	-	-	
Required annual increase in rates 2007/2 smaller of D or F	-	-	-	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.

filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

EnergyNorth Natural Gas, Inc.

Environmental Remediation - MGPs

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Nashua									
	(9/00 - 9/01) pool #1	(9/01 - 9/02) pool #2	(9/02 - 9/03) pool #3	(9/03 - 9/04) pool #4	(9/04 - 9/05) pool #5	(9/05 - 9/06) pool #6	Corrected per 2/08 Audit (9/06 - 9/07) pool #7	(9/07 - 9/08) pool #8	subtotal
Remediation costs (i.o. 500061)	-	-	-	10,841	206,367	23,354	9,737	107,605	357,904
Remediation costs (i.o. 500005)	1,233,726	362,663	175,178						1,771,567
A Subtotal - remediation costs	1,233,726	362,663	175,178	10,841	206,367	23,354	9,737	107,605	2,129,470
Cash recoveries (i.o. 500061)	-	-	-			(18,581)	(4,151)	(10,414)	(33,146)
Cash recoveries (i.o. 500004)	-	-	-						-
Recovery costs (i.o. 500004)	-	-	-			5,449	12,938	-	18,388
Transfer Credit from Gas Restructuring							-	-	-
B Subtotal - net recoveries	-	-	-	-		(13,131)	8,787	(10,414)	(14,758)
A-B Total net expenses to recover	1,233,726	362,663	175,178	10,841	206,367	10,223	18,524	97,191	2,114,712
Surcharge revenue:									
actual June 1998 - October 1998	-	-	-	-					-
actual November 1998 - October 1999	-	-	-	-					-
actual November 1999 - October 2000	-	-	-	-					-
actual November 2000 - October 2001	-	-	-	-					-
actual November 2001 - October 2002	(183,857)	-	-	-					(183,857)
actual November 2002 - October 2003	(182,362)	(60,787)	-	-					(243,150)
actual November 2003 - October 2004	(174,804)	(43,701)	(29,134)	-					(247,639)
Actual November 2004- October 2005	(170,156)	(42,539)	(28,359)	-					(241,054)
Actual November 2005- October 2006	(164,995)	(54,998)	(27,499)	-	(27,499)			-	(274,991)
Actual November 2006- October 2007	(169,089)	(56,363)	(28,181)	-	(28,181)	-			(281,815)
Actual November 2007- October 2008									-
AES collections									-
Gas Street overcollection									-
Prior Period Pool under/overcollection		188,463	292,737	354,741	365,582	516,269	526,492	545,015	
C Surcharge Subtotal	(1,045,263)	(69,925)	179,564	354,741	309,902	516,269	526,492	545,015	(1,472,506)
D Net balance to be recovered (A-B+C)	188,463	292,737	354,741	365,582	516,269	526,492	545,015	642,206	642,206
E Allocation of Litigated Recovery	-	-	-	-	-	-	-	(642,206)	(642,206)
Surcharge calculation 2007/2008									
Unrecovered costs (D+E)	-	-	-	-	-	-	-	-	-
remaining life	-	12	24	36	48	60	72	84	
one year	-	12	12	12	12	12	12	12	
F amortization 2007/2008	-	-	-	-	-	-	-	-	
Required annual increase in rates 2007/2 smaller of D or F	-	-	-	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

EnergyNorth Natural Gas, Inc.  
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	Dover						Keene					
	(9/02 - 9/03) pool #1	(9/04 - 9/05) pool #2	(9/05 - 9/06) pool #3	(9/06 - 9/07) pool #4	(9/07 - 9/08) pool #4	subtotal	(9/03 - 9/04) pool #1	(9/04 - 9/05) pool #2	(9/05 - 9/06) pool #3	(9/06 - 9/07) pool #4	(9/07 - 9/08) pool #5	subtotal
Remediation costs (i.o. 500061)	-	18,854	2,288	-	-	21,142	-	-	-	-	-	-
Remediation costs (i.o. 500005)	181,066	-	-	-	-	181,066	10,165	6,606	35,111	8,766	32	60,680
A Subtotal - remediation costs	181,066	18,854	2,288	-	-	202,208	10,165	6,606	35,111	8,766	32	60,680
Cash recoveries (i.o. 500061)	-	-	-	-	-	-	-	-	-	-	-	-
Cash recoveries (i.o. 500004)	-	-	-	-	-	-	-	-	-	-	-	-
Recovery costs (i.o. 500004)	-	-	-	-	-	-	-	-	18,831	823	-	19,655
Transfer Credit from Gas Restructuring	-	-	-	-	-	-	-	-	-	-	-	-
B Subtotal - net recoveries	-	-	-	-	-	-	-	-	18,831	823	-	19,655
A-B Total net expenses to recover	181,066	18,854	2,288	-	-	202,208	10,165	6,606	53,942	9,589	32	80,335
Surcharge revenue:												
actual June 1998 - October 1998	-	-	-	-	-	-	-	-	-	-	-	-
actual November 1998 - October 1999	-	-	-	-	-	-	-	-	-	-	-	-
actual November 1999 - October 2000	-	-	-	-	-	-	-	-	-	-	-	-
actual November 2000 - October 2001	-	-	-	-	-	-	-	-	-	-	-	-
actual November 2001 - October 2002	-	-	-	-	-	-	-	-	-	-	-	-
actual November 2002 - October 2003	-	-	-	-	-	-	-	-	-	-	-	-
actual November 2003 - October 2004	(29,134)	-	-	-	-	(29,134)	-	-	-	-	-	-
Actual November 2004- October 2005	(28,359)	-	-	-	-	(28,359)	-	-	-	-	-	-
Actual November 2005- October 2006	(27,499)	-	-	-	-	(27,499)	-	-	-	-	-	-
Actual November 2006- October 2007	(28,181)	-	-	-	-	(28,181)	-	-	(14,091)	-	-	(14,091)
Actual November 2007- October 2008	-	-	-	-	-	-	-	-	-	-	-	-
AES collections	-	-	-	-	-	-	-	-	-	-	-	-
Gas Street overcollection	-	-	-	-	-	-	-	-	-	-	-	-
Prior Period Pool under/overcollection	-	67,892	86,746	89,034	89,034	-	-	10,165	16,771	56,622	66,211	-
C Surcharge Subtotal	(113,174)	67,892	86,746	89,034	89,034	(113,174)	-	10,165	2,680	56,622	66,211	(14,091)
D Net balance to be recovered (A-B+C)	67,892	86,746	89,034	89,034	89,034	89,034	10,165	16,771	56,622	66,211	66,244	66,244
E Allocation of Litigated Recovery	-	-	-	-	(89,034)	(89,034)	-	-	-	-	(66,244)	(66,244)
Surcharge calculation 2007/2008	-	-	-	-	-	-	-	-	-	-	-	-
Unrecovered costs (D+E)	-	-	-	-	-	-	-	-	-	-	-	-
remaining life	24	48	60	72	84	-	36	48	60	72	84	-
one year	12	12	12	12	12	-	12	12	12	12	12	-
F amortization 2007/2008	-	-	-	-	-	-	-	-	-	-	-	-
Required annual increase in rates 2007/2 smaller of D or F	-	-	-	-	-	-	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.



filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

EnergyNorth Natural Gas, Inc.

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Concord						
	(9/03 - 9/04)	(9/04 - 9/05)	Corrected per 1/24/07 Audit (9/05 - 9/06)	Corrected per 2/08 Audit (9/06 - 9/07)	(9/07 - 9/08)	subtotal
	pool #1	pool #2	pool #3	pool #4	pool #5	
Remediation costs (i.o. 500061)	-					-
Remediation costs (i.o. 500005)	22,191	220,932	44,345	109,642	8,006	405,116
A Subtotal - remediation costs	22,191	220,932	44,345	109,642	8,006	405,116
Cash recoveries (i.o. 500061)	-		(22,239)	(47,977)	(12,601)	(82,817)
Cash recoveries (i.o. 500004)	-					-
Recovery costs (i.o. 500004)					1,432	1,432
Transfer Credit from Gas Restructuring			-			-
B Subtotal - net recoveries	-	-	(22,239)	(47,977)	(11,169)	(81,385)
A-B Total net expenses to recover	22,191	220,932	22,106	61,665	(3,163)	323,731
Surcharge revenue:						-
actual June 1998 - October 1998	-					-
actual November 1998 - October 1999	-					-
actual November 1999 - October 2000	-					-
actual November 2000 - October 2001	-					-
actual November 2001 - October 2002	-					-
actual November 2002 - October 2003	-					-
actual November 2003 - October 2004	-					-
Actual November 2004- October 2005						-
Actual November 2005- October 2006	-	(27,499)			-	(27,499)
Actual November 2006- October 2007	-	(28,181)	-			(28,181)
Actual November 2007- October 2008						-
AES collections						-
Gas Street overcollection						-
Prior Period Pool under/overcollection		22,191	187,442	209,549	271,214	
C Surcharge Subtotal	-	(33,490)	187,442	209,549	271,214	(55,681)
D Net balance to be recovered (A-B+C)	22,191	187,442	209,549	271,214	268,051	268,051
E Allocation of Litigated Recovery	-	-	-	-	(268,051)	(268,051)
Surcharge calculation 2007/2008	-	-	-	-	-	-
Unrecovered costs (D+E)	-	-	-	-	-	-
remaining life	48	60	72		84	
one year	12	12	12		12	
F amortization 2007/2008	-	-	-	-	-	-
Required annual increase in rates 2007/2 smaller of D or F	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.

filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

EnergyNorth Natural Gas, Inc.  
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	General						MGP Remediation subtotal
	(9/02 - 9/03) pool #1	(9/03 - 9/04) pool #2	(9/04 - 9/05) pool #3	Corrected per 1/24/07 Audit (9/05 - 9/06) pool #4	(9/06 - 9/07) pool #5	(9/07 - 9/08) pool #6	
Remediation costs (i.o. 500061)	-						14,455,442
Remediation costs (i.o. 500005)	3,208	538,903	208,128	34,355	22,017	(181,000)	13,974,069
A Subtotal - remediation costs	3,208	538,903	208,128	34,355	22,017	(181,000)	28,429,511
Cash recoveries (i.o. 500061)	-				-	-	(4,084,995)
Cash recoveries (i.o. 500004)	-						(445,985)
Recovery costs (i.o. 500004)				290,155	31,826	16,012	2,279,495
Transfer Credit from Gas Restructuring	(3,331)			-			(3,331)
B Subtotal - net recoveries	(3,331)	-	-	290,155	31,826	16,012	(2,254,816)
A-B Total net expenses to recover	(123)	538,903	208,128	324,511	53,844	(164,988)	26,174,695
Surcharge revenue:							-
actual June 1998 - October 1998	-	-					(54,889)
actual November 1998 - October 1999	-	-					(538,143)
actual November 1999 - October 2000	-	-					(912,804)
actual November 2000 - October 2001	-	-					(1,336,776)
actual November 2001 - October 2002	-	-					(1,679,228)
actual November 2002 - October 2003	-	-					(1,732,442)
actual November 2003 - October 2004	(8,265)	-					(1,428,735)
Actual November 2004- October 2005		(70,898)					(70,898)
Actual November 2005- October 2006		(68,748)	(27,499)			-	(96,247)
Actual November 2006- October 2007		(77,499)	(28,181)	(49,318)			(154,998)
Actual November 2007- October 2008							-
AES collections		-					(81,988)
Gas Street overcollection							(23,511)
Prior Period Pool under/overcollection		(8,388)	313,370	465,817	741,010	794,853	-
C Surcharge Subtotal	(8,265)	(225,533)	257,689	416,499	741,010	794,853	(13,028,973)
D Net balance to be recovered (A-B+C)	(8,388)	313,370	465,817	741,010	794,853	629,865	13,145,721
E Allocation of Litigated Recovery	-	-	-	-	-	(629,865)	(13,145,721)
Surcharge calculation 2007/2008							-
Unrecovered costs (D+E)	-	-	-	-	-	-	-
remaining life		36	48	60	72	84	
one year		12	12	12	12	12	
F amortization 2007/2008		-	-	-	-	-	
Required annual increase in rates 2007/2 smaller of D or F	-	-	-	-	-	-	-
forecasted therm sales	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404	155,445,404
surcharge per therm	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

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Cash Recoveries <sup>1</sup>										
	Corrected per 1/24/07 Audit									
	(9/07 - 9/08)	(9/06 - 9/07)	(9/05 - 9/06)	(9/04 - 9/05)	(9/03 - 9/04)	(9/07 - 9/08)	(9/06 - 9/07)	(9/05 - 9/06)	(9/04 - 9/05)	(9/03 - 9/04)
	Concord Pond	Concord Pond	Concord Pond	Concord Pond	Concord Pond	Laconia	Laconia	Laconia	Laconia	Laconia
Remediation costs (i.o. 500061)	-		-	-	-	-			-	-
Remediation costs (i.o. 500005)	-		-	-	-	-			-	-
A Subtotal - remediation costs	-		-	-	-	-			-	-
Cash recoveries (i.o. 500061)										
Cash recoveries (i.o. 500004)	568	-	-	-	(648,000)	-	-	-	(23,619)	(2,677,000)
Recovery costs (i.o. 500004)	-	-	73	-	658,508	-	45	22,240	486,894	1,492,967
Transfer Credit from Gas Restructuring	-	-	-	-	-	-	-	-	-	-
B Subtotal - net recoveries	568	-	73	-	10,508	-	45	22,240	463,275	(1,184,033)
A-B Total net expenses to recover	568	-	73	-	10,508	-	45	22,240	463,275	(1,184,033)
Surcharge revenue:										
actual June 1998 - October 1998	-		-	-	-					
actual November 1998 - October 1999	-		-	-	-					
actual November 1999 - October 2000	-		-	-	-					
actual November 2000 - October 2001	-		-	-	-					
actual November 2001 - October 2002	-		-	-	-					
actual November 2002 - October 2003	-		-	-	-					
actual November 2003 - October 2004	-		-	-	-					
Actual November 2004- October 2005										
Actual November 2005- October 2006										
Actual November 2006- October 2007										
Actual November 2007- October 2008										
AES collections	-		-	-	-					
Gas Street overcollection	-		-	-	-					
Prior Period Pool under/overcollection										
C Surcharge Subtotal	-	-	-	-	-	-	-	-	-	-
D Net balance to be recovered (A-B+C)	568	-	73	-	10,508	-	45	22,240	463,275	(1,184,033)
E Allocation of Litigated Recovery										
Surcharge calculation 2007/2008										
Unrecovered costs (D+E)										
remaining life										
one year										
F amortization 2007/2008										
Required annual increase in rates 2007/2										
smaller of D or F										
forecasted therm sales										
surcharge per therm										

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filed under the following protective orders:

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Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

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	Corrected per 1/24/07 Audit									
	(9/07 - 9/08) Manchester	(9/06 - 9/07) Manchester	(9/05 - 9/06) Manchester	(9/04 - 9/05) Manchester	(9/03 - 9/04) Manchester	(9/07 - 9/08) Nashua	(9/06 - 9/07) Nashua	(9/05 - 9/06) Nashua	(9/04 - 9/05) Nashua	(9/03 - 9/04) Nashua
Remediation costs (i.o. 500061)						-			-	
Remediation costs (i.o. 500005)						-			-	
A Subtotal - remediation costs						-			-	
Cash recoveries (i.o. 500061)										
Cash recoveries (i.o. 500004)	-	(630,000)	(1,725,792)	(754,938)	-	(1,032,186)	(544,402)	(625,000)	(782,450)	(795,000)
Recovery costs (i.o. 500004)	77,222	195,929	941,433	307,062	951,425	561,030	78,298	645,302	537,552	655,683
Transfer Credit from Gas Restructuring										
B Subtotal - net recoveries	77,222	(434,071)	(784,359)	(447,876)	951,425	(471,155)	(466,104)	20,302	(244,898)	(139,317)
A-B Total net expenses to recover	77,222	(434,071)	(784,359)	(447,876)	951,425	(471,155)	(466,104)	20,302	(244,898)	(139,317)
Surcharge revenue:										
actual June 1998 - October 1998	-		-	-						
actual November 1998 - October 1999	-	-	-	-						
actual November 1999 - October 2000	-	-	-	-						
actual November 2000 - October 2001	-	-	-	-						
actual November 2001 - October 2002	-	-	-	-						
actual November 2002 - October 2003	-	-	-	-						
actual November 2003 - October 2004	-	-	-	-						
Actual November 2004- October 2005										
Actual November 2005- October 2006			-	-						
Actual November 2006- October 2007										
Actual November 2007- October 2008										
AES collections	-	-								
Gas Street overcollection	-	-								
Prior Period Pool under/overcollection			-	-						
C Surcharge Subtotal	-	-	-	-	-	-	-	-	-	-
D Net balance to be recovered (A-B+C)	77,222	(434,071)	(784,359)	(447,876)	951,425	(471,155)	(466,104)	20,302	(244,898)	(139,317)
E Allocation of Litigated Recovery										
Surcharge calculation 2007/2008										
Unrecovered costs (D+E)										
remaining life										
one year										
F amortization 2007/2008										
Required annual increase in rates 2007/2										
smaller of D or F										
forecasted therm sales										
surcharge per therm										

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filed under the following protective orders:

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EnergyNorth Natural Gas, Inc.

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	(9/07 - 9/08) Dover	(9/06 - 9/07) Dover	(9/05 - 9/06) Dover	(9/04 - 9/05) Dover	(9/03 - 9/04) Dover	(9/07 - 9/08) Keene	(9/06 - 9/07) Keene	(9/05 - 9/06) Keene	(9/04 - 9/05) Keene	(9/03 - 9/04) Keene	(9/06 - 9/07) General	subtotal	MGP TOTAL
Remediation costs (i.o. 500061)	-		-	-				-	-			-	14,455,442
Remediation costs (i.o. 500005)	-		-	-				-	-			-	13,974,069
A Subtotal - remediation costs	-		-	-				-	-			-	28,429,511
Cash recoveries (i.o. 500061)												-	(4,084,995)
Cash recoveries (i.o. 500004)	(2,133)	-	(237,489)	(7,150)	(645,500)			(700,000)	(211,213)	0	(10,760,900)	(22,802,203)	(23,248,188)
Recovery costs (i.o. 500004)	-	14,848	117,621	517,891	500,868	1,559	28,211	309,618	56,392	121,018		9,279,688	11,559,183
Transfer Credit from Gas Restructuring												-	(3,331)
B Subtotal - net recoveries	(2,133)	14,848	(119,868)	510,741	(144,632)	1,559	28,211	(390,382)	(154,821)	121,018	(10,760,900)	(2,761,615)	(5,016,432)
A-B Total net expenses to recover	(2,133)	14,848	(119,868)	510,741	(144,632)	1,559	28,211	(390,382)	(154,821)	121,018	(10,760,900)	(13,522,515)	12,652,180
Surcharge revenue:													
actual June 1998 - October 1998												-	(54,889)
actual November 1998 - October 1999												-	(538,143)
actual November 1999 - October 2000												-	(912,804)
actual November 2000 - October 2001												-	(1,336,776)
actual November 2001 - October 2002												-	(1,679,228)
actual November 2002 - October 2003												-	(1,732,442)
actual November 2003 - October 2004												-	(1,428,735)
Actual November 2004- October 2005												-	(1,403,787)
Actual November 2005- October 2006												-	(1,694,877)
Actual November 2006- October 2007												-	(2,141,793)
Actual November 2007- October 2008												-	
AES collections												-	(81,988)
Gas Street overcollection												-	(23,511)
Prior Period Pool under/overcollection												-	
C Surcharge Subtotal	-	-	-	-	-		-	-	-	-		-	(13,028,973)
D Net balance to be recovered (A-B+C)	(2,133)	14,848	(119,868)	510,741	(144,632)	1,559	28,211	(390,382)	(154,821)	121,018	(10,760,900)	(13,522,515)	(376,794)
E Allocation of Litigated Recovery												13,145,721	
												(376,794)	
Surcharge calculation 2007/2008													
Unrecovered costs (D+E)													
remaining life													
one year													
F amortization 2007/2008													
Required annual increase in rates 2007/2													
smaller of D or F													
forecasted therm sales													
surcharge per therm													

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.

filed under the following protective orders:

Order No. 22,853 dated February 18, 1998 in Docket No. DR 97-130

Order No. 23,316 dated October 11, 1999 in Docket No. DG 99-132

EnergyNorth Natural Gas, Inc.  
Environmental Remediation - MGPs  
Tariff page 88

Expense and Collection Summary per Year

	(thru 3/98)	(4/98 - 9/98)	10/98 - 9/15/99	(9/99 - 9/00)	(9/00 - 9/01)	(9/01 - 9/02)	(9/02 - 9/03)	(9/03 - 9/04)	(9/04 - 9/05)	(9/05 - 9/06)	(9/06 - 9/07)	(9/07 - 9/08)	Total
Remediation costs (i.o. 500061)	1,422,811	1,843,806	2,154,235	129,002	-	-	-	406,472	2,236,682	997,637	726,742	4,538,054	14,455,442
Remediation costs (i.o. 500005)	-	-	1,027,747	3,513,285	2,428,832	362,663	689,437	571,259	445,367	2,444,366	2,229,625	261,488	13,974,069
A Subtotal - remediation costs	1,422,811	1,843,806	3,181,982	3,642,287	2,428,832	362,663	689,437	977,731	2,682,050	3,442,003	2,956,367	4,799,542	28,429,511
Cash recoveries (i.o. 500061)	(1,080,580)	(434,476)	(499,684)	(33,204)	-	-	-	-	-	(600,673)	(285,927)	(1,150,452)	(4,084,995)
Cash recoveries (i.o. 500004)	(445,985)	-	-	-	-	-	-	(4,765,500)	(1,779,370)	(3,288,281)	(11,935,301)	(1,033,751)	(23,248,188)
Recovery costs (i.o. 500004)	623,784	-	-	-	-	-	-	5,622,795	1,905,791	2,350,722	377,106	678,985	11,559,183
Transfer Credit from Gas Restructuring	-	-	-	-	-	-	(3,331)	-	-	-	-	-	(3,331)
B Subtotal - net recoveries	(902,781)	(434,476)	(499,684)	(33,204)	-	-	(3,331)	857,295	126,421	(1,538,231)	(11,844,123)	(1,505,218)	(15,777,331)
A-B Total net expenses to recover	520,030	1,409,330	2,682,299	3,609,083	2,428,832	362,663	686,106	1,835,026	2,808,471	1,903,772	(8,887,756)	3,294,324	12,652,180
Surcharge revenue:													
actual June 1998 - October 1998	(54,889)	-	-	-	-	-	-	-	-	-	-	-	(54,889)
actual November 1998 - October 1999	(287,010)	(251,133)	-	-	-	-	-	-	-	-	-	-	(538,143)
actual November 1999 - October 2000	(178,131)	(266,400)	(468,273)	-	-	-	-	-	-	-	-	-	(912,804)
actual November 2000 - October 2001	-	(292,420)	(487,366)	(556,990)	-	-	-	-	-	-	-	-	(1,336,776)
actual November 2001 - October 2002	-	(281,914)	(478,029)	(551,571)	(367,714)	-	-	-	-	-	-	-	(1,679,228)
actual November 2002 - October 2003	-	(258,347)	(486,300)	(562,284)	(364,725)	(60,787)	-	-	-	-	-	-	(1,732,442)
actual November 2003 - October 2004	-	(14,567)	(407,875)	(480,710)	(349,608)	(43,701)	(132,274)	-	-	-	-	-	(1,428,735)
Actual November 2004- October 2005	-	-	(184,336)	(453,749)	(326,132)	(42,539)	(99,258)	(297,773)	-	-	-	-	(1,403,787)
Actual November 2005- October 2006	-	-	(141,176)	(460,610)	(316,240)	(54,998)	(96,247)	(281,866)	(343,739)	-	-	-	(1,694,877)
Actual November 2006- October 2007	-	-	-	(549,539)	(338,178)	(56,363)	(112,726)	(288,860)	(366,359)	(429,768)	-	-	(2,141,793)
Actual November 2007- October 2008	-	-	-	-	-	-	-	-	-	-	-	-	-
AES collections	-	-	-	-	-	-	-	(33,593)	(11,626)	(11,901)	(12,271)	(12,597)	(81,988)
Gas Street overcollection	-	(23,511)	-	-	-	-	-	-	-	-	-	-	(23,511)
Prior Period Pool under/overcollection	-	-	-	-	-	-	-	-	-	-	-	-	-
C Surcharge Subtotal	(520,030)	(1,388,292)	(2,653,355)	(3,615,454)	(2,062,596)	(258,389)	(440,504)	(902,092)	(721,725)	(441,669)	(12,271)	(12,597)	(13,028,973)
D Net balance to be recovered (A-B+C)	-	21,038	28,944	(6,371)	366,236	104,274	245,602	932,934	2,086,746	1,462,103	(8,900,027)	3,281,727	(376,794)
E Allocation of Litigated Recovery													
Surcharge calculation 2007/2008													
Unrecovered costs (D+E)													
remaining life													
one year													
F amortization 2007/2008													
Required annual increase in rates 2007/2													
smaller of D or F													
forecasted therm sales													
surcharge per therm													

1. While the recoveries are displayed on the Summary, Cash Recoveries by site, are not exclusive to a particular site.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**CONCORD FORMER MGP**

**NO.**

1. SITE LOCATION: One Gas Street, Concord, New Hampshire.
2. DATE SITE WAS FIRST INVESTIGATED: EnergyNorth Natural Gas, Inc. (ENGI) received a Notice Letter from the New Hampshire Department of Environmental Services (NHDES) in September, 1992. The Notice related primarily to contamination identified in the pond adjacent to Exit 13 off Interstate 93, although it was broad enough to also include the former manufactured gas plant (MGP) site itself.
3. NATURE AND SCOPE OF SITE CONTAMINATION: Residual materials from the historic operation of the MGP were discovered in the area of the Exit 13 pond, as the NHDOT began site preparation work for the reconfiguration of that interchange. Subsequent investigations by ENGI and others indicate that contaminants originating from the MGP on Gas Street are present in soil and groundwater between the MGP and the Merrimack River, including within the Exit 13 pond.
4. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES: ENGI has continued to monitor groundwater semiannually at the Exit 13 pond, in May and November, as required by the Groundwater Management Zone Permit that was issued in 1999 as part of the overall remedy following the remediation of the southern end of the Exit 13 pond. The permit was renewed in 2003 and 2007, and NHDES specified semiannual collection of surface water samples from the pond as an additional condition of the permit. These sample results will be evaluated over time to address the efficacy of the existing remedy, and determine if additional treatment may be necessary.

The New Hampshire Department of Transportation (NHDOT) contacted ENGI in August 2001 and February 2002 regarding possible coal tar-related impacts in a sewer line on a parcel adjacent to the former gas plant. NHDOT is currently conducting groundwater monitoring as part of a Groundwater Management Zone Permit on this parcel. ENGI met with NHDOT and NHDES in January 2003 to review the results of its 2002 site investigation. Limited coal tar impacts were observed in groundwater and subsurface soils at select locations.

On July 15, 2003, NHDES issued a letter to KeySpan requesting submission of a schedule and scope of work for a site investigation of the gas plant by mid-September 2003. ENGI proposed a May 2005 date for submission of a site investigation report for the former manufactured gas plant on Gas Street to NHDES by way of a letter dated

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**CONCORD FORMER MGP**

LINE  
NO.

October 6, 2003. NHDES agreed to the proposed schedule in their response letter dated October 31, 2003.

ENGI submitted the work plan for the MGP site investigation to NHDES on May 20, 2004. NHDES accepted the work plan on June 16, 2004. The investigation took place between September 2004 and March 2005, and the Site Investigation Report was submitted to NHDES on June 6, 2005. The report indicated that subsurface impacts are present at the MGP, and additional investigation as well as limited remediation will be required. NHDES accepted the report on August 12, 2005, and requested ENGI submit a supplemental scope of work to complete the delineation of MGP-related impacts on and off Site. The document was submitted in November 2005. Site investigation activities at and downgradient of the MGP were conducted in 2006. ENGI submitted an additional supplemental scope of work to further delineate MGP impacts on May 31, 2007 and NHDES subsequently approved the scope on June 5, 2007. ENGI bid the NHDES-approved scope of work in June 2008 and awarded the contract in late July 2008. ENGI met with NHDES at the site in August 2008 and is planning for the upcoming site investigation activities, which are expected commence in fall 2008, pending access being provided by several property owners.

When the Exit 13 pond was remediated in 1999, NHDES required that the northern portion remained untouched, allowing for storm water input to the pond, with the knowledge that some contamination remained and may require remediation in the future. In 2006, NHDES requested ENGI address the residual contamination in the pond, and in response, ENGI submitted an Interim Data Collection Report and Scope of Work in May 2006, which was approved in July 2006. This Scope of Work was implemented in 2006 and the results are being used to prepare the Remedial Action Plan which NHDES requested be submitted by August 31, 2006. In July 2006, NHDES extended the deadline for submittal of the RAP to June 30, 2007, to allow ENGI additional time for data collection and design.

ENGI submitted an Interim Data Collection Report to NHDES in September 2006, and a Conceptual Remedial Design in March 2007. Completion of the remedial design is ongoing. The proposed remedial work is to be performed on city-owned land and within a NHDOT right-of-way. ENGI is currently drafting an agreement to clarify the responsibilities of the three parties.

Semiannual groundwater monitoring at the pond is ongoing, as is recovery of separate phase coal tar from a monitoring well in the vicinity of the pond. In May 2007, NHDES approved ENGI's April 2007 scope of work to conduct additional investigations around this well to determine the extent of the coal tar impacts and the feasibility of removing it from the subsurface. These activities are on-going.



**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**CONCORD FORMER MGP**

LINE  
NO.

5. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE: ENGI submitted an application for a five-year Groundwater Management Zone Permit to the NHDES in April 2002 for the Exit 13 pond. The permit was renewed in October 2007, with the collection of pond surface water samples as an additional condition. Under that permit, groundwater monitoring is expected to be required for the foreseeable future. In addition, as requested by NHDES, ENGI is undertaking a review of remedial technologies to address the residual contamination remaining in the pond. A conceptual remedial design was submitted to NHDES in March 2007 and completion of the design will be completed pending an agreement between the City, NHDOT and ENGI.

In July 2003, NHDES requested that ENGI submit a schedule and scope of work for completion of a site investigation of the gas plant. ENGI submitted the scope to NHDES in May 2004, and implemented it between September 2004 and March 2005. The results of the investigation were documented in the Site Investigation Report, dated June 6, 2005, which was approved by NHDES. Supplemental investigation activities were performed in 2006. Additional investigation activities will be performed in 2008.

6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP: The Concord MGP operated from approximately 1850 to 1952, when the natural gas pipeline was extended to Concord. The plant was constructed and operated by predecessors of the Concord Gas Company, which later became known as the Concord Natural Gas Company. By virtue of a merger, ENGI acquired Concord Natural Gas. As has been reported previously by ENGI, it filed a contribution claim in the United States District Court for the District of New Hampshire against the successor to the United Gas Improvement Company. In that claim, ENGI alleged that under the federal Superfund statute, the United Gas Improvement Company exercised control over the operations of the Concord Gas Plant to the extent that the United Gas Improvement Company should be considered an "operator" under the statute. That matter was settled in 1997.
7. LISTING AND STATUS OF INSURANCE AND 3RD PARTY LAWSUITS AND SETTLEMENTS: Numerous confidential settlements with insurance carriers and with one private party have been entered into. *Insurance recovery efforts at the Concord Site are complete.*

***Note: This summary is an overview only and is not intended to be a comprehensive recitation of all relevant information relating to the site and the associated liability.***

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
CONCORD POND - REMEDIATION  
KEYSPAN PROJECT DEF056

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSE	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Anchor Environmental	11636	13,586.75				13,586.75
2	Anchor Environmental	11851	326.00				326.00
3	Anchor Environmental	12199	2,088.25				2,088.25
4	Anchor Environmental	12666	7,120.31				7,120.31
5	Anchor Environmental	12878	1,346.82				1,346.82
6	Anchor Environmental	12503	434.25				434.25
7	Anchor Environmental	13217	456.50				456.50
8	Anchor Environmental	13404	1,098.67				1,098.67
9	Clean Harbors	SB0739103	739.28				739.28
10	Clean Harbors	SB0700998	1,135.26				1,135.26
11	Clean Harbors	SB0862533	1,149.21				1,149.21
12	Environmental Payroll	Timesheet	1,527.60				1,527.60
13	Environmental Payroll	Timesheet	938.36				938.36
14	Fed Ex	2-316-47894	7.39				7.39
15	GEI Consultants	45770	4,673.70				4,673.70
16	GEI Consultants	45911	12,060.70				12,060.70
17	GEI Consultants	46088	4,387.51				4,387.51
18	GEI Consultants	46392	5,533.36				5,533.36
19	GEI Consultants	46223	19,026.17				19,026.17
20	GEI Consultants	46577	4,153.54				4,153.54
21	GEI Consultants	47247	723.47				723.47
22	GEI Consultants	45943	2,118.74				2,118.74
23	GEI Consultants	46619	2,881.79				2,881.79
24	GEI Consultants	47137	3,317.41				3,317.41
25	GEI Consultants	47429	972.43				972.43
26	New Hampshire Department of Environmental Serv	199212014-03	2,730.47				2,730.47
27	New Hampshire Department of Environmental Serv	199212014-05	839.69				839.69
28							
29	Total Pool Activity		95,373.63	-	-	-	95,373.63

ENERGYNORTH NATURAL GAS, INC.  
 MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
 CONCORD MGP - REMEDIATION  
 KEYSpan PROJECT DEF077

1108						
LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & INSURANCE &		TOTAL SUBMITTED
				THIRD PARTY EXPENSES	THIRD PARTY RECOVERIES	
1	Environmental Staff Payroll	Timesheet	889.20			889.20
2	Environmental Staff Payroll	Timesheet	364.04			364.04
3	Fed Ex	2-303-43386	12.04			12.04
4	UGI	20468359	-		(6,437.57)	(6,437.57)
5	UGI	20478547	-		(6,163.78)	(6,163.78)
6	McLane	2008040245	-	133.00		133.00
7	McLane	2008030390	-	1,299.00		1,299.00
8	New Hampshire Department of Environm	198904063-01	6,130.82			6,130.82
9	New Hampshire Department of Environm	199804063-02	609.93			609.93
10			-			-
11	<b>Total Pool Activity</b>		<b>8,006.03</b>	<b>1,432.00</b>	<b>(12,601.35)</b>	<b>(3,163.32)</b>

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
CONCORD - LITIGATION  
KEYSPAN PROJECT DEF051

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Mclane	2008020917	568.00	-		568.00
2			-			-
3	Total Pool Activity		568.00		-	568.00

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**LACONIA FORMER MGP AND LIBERTY HILL DISPOSAL AREA**

LINE  
NO.

1. SITE LOCATION: The former MGP was located on Messer Street in Laconia. Sometime in the early 1950s, during decommissioning of the MGP, wastes from the MGP were disposed of at a location on Liberty Hill Road in Gilford. At the time of the disposal, the property was utilized as a gravel pit, and the disposal reportedly occurred with the permission of the gravel pit owner. The property currently comprises part of a residential neighborhood.
2. DATE SITE WAS FIRST INVESTIGATED: In 1994 and 1995, Public Service Company of New Hampshire (PSNH), one of the former owners and operators of the Laconia Manufactured Gas Plant (MGP), conducted limited site investigations at the plant. In 1996, the New Hampshire Department of Environmental Services (NHDES) sent a "Notification of Site Listing and Request for Site Investigation" for the former Laconia MGP to PSNH and its parent company, Northeast Utilities Services Company (NU), and to EnergyNorth Natural Gas, Inc. (ENGI), another former owner. NHDES designated the site DES #199312038. ENGI and PSNH reached a settlement, reported previously to the New Hampshire Public Utilities Commission (NHPUC), in September 1999. As a result of that settlement, PSNH has had responsibility for the MGP site remediation and interactions with NHDES.

Per the aforementioned settlement, ENGI retained responsibility for any decommissioning-related liabilities, including off-site disposal. Therefore, in October 2004, ENGI notified NHDES of the possibility that wastes from the MGP were disposed of at a location on Liberty Hill Road sometime in the early 1950s during decommissioning of the plant. Drinking water samples were collected from two residential properties in the vicinity in December 2004, and from three additional properties in June and July 2005 by the NHDES; no MGP-related contaminants were detected. At the request of NHDES, ENGI began preliminary site investigations in July 2005 that culminated in the submission of a Site Investigation Report to NHDES in June 2006. As detailed in the report, MGP-related constituents have been detected in soil and shallow groundwater on four residential properties, and in the abutting brook. The report concluded that further investigations are necessary to determine the extent of the contamination.

3. NATURE AND SCOPE OF SITE CONTAMINATION: Residual materials from the former MGP have been identified at the site and in the adjacent Winnepesaukee River. The full nature and extent of contamination is unknown at this time. Please contact PSNH and refer to PSNH filings with NHDES for complete information on the nature and extent of site contamination at the MGP. Residual materials from the former MGP were disposed of at the Liberty Hill disposal area, and MGP-related constituents have been detected in soil and ground water.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**LACONIA FORMER MGP AND LIBERTY HILL DISPOSAL AREA**

LINE  
NO.

4. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES: Based on the settlement with PSNH that has previously been reported to the Commission, ENGI has had no further involvement with the MGP site since the summer of 1999, except with regard to the Liberty Hill disposal area. Please contact PSNH and refer to PSNH filings with NHDES for complete information on material developments and interactions with environmental authorities.

With respect to the Liberty Hill disposal area, in October 2004, ENGI notified NHDES of the possible existence of this disposal site; the site was assigned disposal site number 200411113 by NHDES. NHDES collected drinking water samples from two residential wells in the vicinity in December 2004 and from three additional residential wells in June and July 2005; no MGP-related contaminants were detected. In January 2005, NHDES requested that ENGI conduct a preliminary site investigation on the two residential properties. ENGI submitted a scope of work for the investigation to NHDES on March 2, 2005. The investigation began in July 2005 and was completed in June 2006 with the submission of the Site Investigation Report.

Additional site investigations were conducted in 2006 and summarized in the December 20, 2006 Interim Data Report #2 submitted to NHDES. Based upon the results of the investigations, remediation is required at the site. In response, a Remedial Action Plan (RAP) was submitted to NHDES on February 28, 2007. The RAP presented NHDES with several remedial alternatives to address soil and groundwater contamination at the site. The February 2007 RAP identified soil excavation (to a depth of 3 feet), construction of a containment wall and impermeable cap on the four residential properties purchased by ENGI as the recommended alternative. In September 2007, NHDES responded to the February 2007 RAP and required that ENGI evaluate additional remedial alternatives that included further soil removal. In November 2007, a revised RAP was submitted to NHDES. The revised RAP recommended a remedial alternative that included removal of tar-saturated soils to a depth of approximately 45 feet, construction of a containment wall and impermeable cap on the four residential properties owned by ENGI. On February 29, 2008, NHDES issued a letter to ENGI indicating that NHDES had reached a preliminary determination that the remedy recommended in the November 2007 RAP met the NHDES requirements and that a final decision would be reached following a public meeting and comment period.

On March 24, 2008, NHDES held a public comment meeting to discuss the recommended alternative and began 30-day public comment period. In April 2008, NHDES received a request to extend the public comment period closing date to May 8, 2008, to allow the Town time to provide technical comment. On June 26, 2008, NHDES issued a letter deferring its final decision on the recommended remedial alternative for the Liberty Hill

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**LACONIA FORMER MGP AND LIBERTY HILL DISPOSAL AREA**

LINE  
NO.

site pending further data analysis following the development of a scope prepared collaboratively between the Town of Gilford and ENGI. In July and August 2008, technical representatives from ENGI, the Town of Gilford, the Liberty Hill neighborhood and NHDES met twice to discuss the comments provided to NHDES during the public comment period and discuss the scope for additional groundwater modeling activities and limited additional site data collection. The Company will submit a Scope of Work for groundwater modeling and additional data collection to NHDES in September 2008 and expects to complete the modeling and data collection activities in the first quarter of 2009, assuming that NHDES approves of the scope in October 2008.

In addition to the RAP activities, ENGI has also performed numerous other activities requested by NHDES in 2008, including sampling of a groundwater seep on a private property near the site, evaluation of options for providing financial assurances to NHDES for the site remediation activities, coal tar recovery, and semi-annual groundwater and surface water sampling activities.

In conjunction with the Site Investigation work, ENGI has acquired 4 properties on Liberty Hill Road to facilitate remediation activities, and eliminate any potential risk to residents associated with a significant remediation and construction project. The properties were obtained based upon arms-length negotiations, and in one instance to settle potential litigation.

5. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE: Please refer to Item 4.
6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP: ENGI is the successor by merger to Gas Service, Inc. (GSI). In 1945, GSI acquired the gas manufacturing assets of PSNH. The Laconia MGP, which began operating in 1894, was included in that transaction. Gas manufacturing took place at the property until 1952, when the MGP was converted to propane. Half of the property is now owned by Robert Irwin and maintained as an open field, and the other half is owned by PSNH, which operates an electric substation on the parcel.

The Liberty Hill Road parcel on which disposal was believed to have occurred was utilized as a gravel pit at the time of the disposal. It was subdivided in May 1970, and currently constitutes part of a residential subdivision.

7. LISTING AND STATUS OF INSURANCE AND 3RD PARTY LAWSUITS AND SETTLEMENTS: ENGI and PSNH entered into a confidential settlement in 1999. Under this agreement, PSNH took the lead on the MGP site investigation and remediation and

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**LACONIA FORMER MGP AND LIBERTY HILL DISPOSAL AREA**

LINE  
NO.

all communications with NHDES. ENGI retained responsibility for any decommissioning-related liabilities, including off-site disposal.

Insurance recovery efforts are complete with respect to the MGP, and numerous confidential settlements have been entered into. In 2003 the United States District Court certified a question to the New Hampshire Supreme Court asking what “trigger of coverage” should be applied to the insurance policies issued by Lloyds of London to ENGI’s predecessor, Gas Service, Inc. In May, 2004 the Supreme Court responded that a “continuous injury-in-fact” trigger should be applied., The federal court conducted a jury trial against Lloyds of London - the only remaining defendant – in October 5, 2004. At the end of that trial the jury returned a verdict in favor of ENGI. Subsequent to the verdict, ENGI and Lloyds of London entered into a confidential settlement.

With respect to Liberty Hill, insurance carriers have been placed on notice of a potential claim, but no litigation has been initiated.

***Note: This summary is an overview only and is not intended to be a comprehensive recitation of all relevant information relating to the site and the associated liability.***



ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
LIBERTY HILL  
KEYSPAN PROJECTS DEF086 and DEF087

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Clean Harbors	SB0735506	1,041.18			1,041.18
2	Clean Harbors	SB0701415	646.00			646.00
3	Environmental Staff Payroll	Timesheet	9,165.72			9,165.72
4	Environmental Staff Payroll	Timesheet	32.36			32.36
5	Environmental Staff Travel Expenses	EXP 0231890	4.00			4.00
6	Fed Ex	2-290-45046	8.45			8.45
7	Fed Ex	2-290-45046	8.45			8.45
8	Fed Ex	2-251-18678	12.31			12.31
9	GEI Consultants	47518	12,342.35			12,342.35
10	GEI Consultants	47788	4,338.75			4,338.75
11	GEI Consultants	46222	50,747.37			50,747.37
12	GEI Consultants	46391	67,454.69			67,454.69
13	GEI Consultants	45910	512.41			512.41
14	GEI Consultants	46087	4,278.56			4,278.56
15	GEI Consultants	46857	4,483.25			4,483.25
16	GEI Consultants	46576	23,002.14			23,002.14
17	GEI Consultants	47135	32,904.75			32,904.75
18	GEI Consultants	45942	8,574.27			8,574.27
19	GEI Consultants	47249	26,881.18			26,881.18
20	GEI Consultants	46618	23,140.57			23,140.57
21	GEI Consultants	47428	5,951.21			5,951.21
22	McLane	2007070737	378.00			378.00
23	McLane	2007060083	724.50			724.50
24	McLane	2007080886	662.00			662.00
25	McLane	2007090519	4,724.29			4,724.29
26	McLane	2007100038	3,915.22			3,915.22
27	McLane	2007110406	3,319.02			3,319.02
28	McLane	2008020916	333.50			333.50
29	McLane	2007120215	12,210.50			12,210.50
30	McLane	2008030389	2,341.00			2,341.00
31	McLane	2008040244	24,551.04			24,551.04
32	McLane	2008050262	37,925.90			37,925.90
33	New Hampshire Department of Environmental Services	200411113-02	43,197.81			43,197.81
34	Ostrow & Partners	110703	1,920.00			1,920.00
35	Ostrow & Partners	120701	7,035.50			7,035.50
36	Ostrow & Partners	40801	4,540.30			4,540.30
37	Ostrow & Partners	50810	6,145.30			6,145.30
38	Ostrow & Partners	60814	300.00			300.00
39	Ostrow & Partners	70805	600.00			600.00
40	Ostrow & Partners	30203	695.00			695.00
41	Ostrow & Partners	10808	920.00			920.00
42	Ostrow & Partners	20801	1,824.50			1,824.50
43	Public Service of New Hampshire	111168	(12.80)			(12.80)
44	Public Service of New Hampshire	110514	(68.63)			(68.63)
45	Public Service of New Hampshire	41-29-09918-1-3	8.84			8.84
46	Public Service of New Hampshire	41-29-09918-1-3	8.84			8.84
47	Public Service of New Hampshire	41-29-09944-4-5	8.84			8.84
48	Public Service of New Hampshire	41-29-09918-1-3	8.84			8.84
49	Public Service of New Hampshire	41-29-09918-1-3	8.84			8.84
50	Public Service of New Hampshire	41-29-09944-4-5	9.12			9.12
51	Public Service of New Hampshire	41-29-09944-4-5	20.66			20.66
52	Public Service of New Hampshire	7535933	8.84			8.84
53	Public Service of New Hampshire	41-29-09944-4-5	44.29			44.29
54	Public Service of New Hampshire	41-29-09918-1-3	17.87			17.87
55	Public Service of New Hampshire	41-29-09944-4-5	103.39			103.39
56	Public Service of New Hampshire	41-29-09918-1-3	18.06			18.06
57	Public Service of New Hampshire	41-29-09944-4-5	68.63			68.63
58	Public Service of New Hampshire	41-29-09944-4-5	224.61			224.61
59	Public Service of New Hampshire	41-29-09918-2-1	18.47			18.47
60	Public Service of New Hampshire	41-29-09918-2-1	27.59			27.59
61	Public Service of New Hampshire	41-29-09944-5-2	51.20			51.20
62	Public Service of New Hampshire	41-29-09944-5-2	81.19			81.19
63	New Hampshire Department of Environmental Services	200411113-03	-	21,729.43		21,729.43
64			-			-
65	<b>Total Pool Activity</b>		<b>434,450.04</b>	<b>21,729.43</b>	<b>-</b>	<b>456,179.47</b>

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
LACONIA - LITIGATION  
KEYSPAN PROJECT DEF050

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1			-	-		-
2			-			-
3						
4						
5	NO ACTIVITY FOR THIS PERIOD					
6						
7						
8						
9	Total Pool Activity		-	-	-	-

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**MANCHESTER FORMER MGP**

LINE  
NO.

1. SITE LOCATION: 130 Elm Street, Manchester, New Hampshire.
2. DATE SITE WAS FIRST INVESTIGATED: The New Hampshire Department of Environmental Services (NHDES) compiled a list of all former Manufactured Gas Plants (MGPs) in New Hampshire that were not already subject to a site investigation or remediation. In March of 2000, NHDES sent out notice letters to all parties it deemed responsible for the sites. EnergyNorth Natural Gas, Inc. (ENGI) received a "Notification of Site Listing and Request for Site Investigation" for the former Manchester MGP from NHDES, which designated the site DES #200003011. It is understood that NHDES intended to solicit site investigation reports on all MGPs and then prioritize them for remedial action.
3. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES:
  - On behalf of ENGI, Harding ESE, Inc. (Harding ESE), submitted a Scoping Phase Field Investigation Scope of Work to NHDES in March 2000.
  - NHDES approved the Scoping Phase Field Investigation Scope of Work in June 2000.
  - During the summer and fall of 2000, ENGI and Harding ESE conducted the Scoping Phase Field Investigation, collecting site background information and soil, groundwater, surface water and sediment samples from the former Manchester MGP and the nearby Merrimack River.
  - On August 31, 2000 an underground tank containing MGP residuals was discovered at the site. As required by NHDES regulations, the tank contents were removed and disposed of subject to a permit from NHDES. Harding ESE submitted a summary report to NHDES in January 2001 on behalf of ENGI documenting the response action.
  - ENGI and Harding ESE submitted the Scoping Phase Field Investigation Report to NHDES in February 2001.
  - NHDES provided comments to ENGI and Harding ESE in April 2001 on the Scoping Phase Field Investigation Report and requested a Phase II Investigation Scope of Work.
  - ENGI responded to NHDES' comments on the Scoping Phase Investigation Report and indicated that ENGI planned to solicit bids for the Phase II Scope of Work.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**MANCHESTER FORMER MGP**

LINE  
NO.

- In July 2001, on behalf of ENGI, Harding ESE submitted a Scope of Work to NHDES to fence the ravine near the former Manchester MGP to prevent access to impacted sediments.
- In October 2001, NHDES accepted ENGI's fence installation plan, but requested clarification on the fence location and signage.
- In correspondence dated April 3, 2002, ENGI provided proposed language to NHDES for the signs to be attached to the ravine fence.
- NHDES approved the ravine sign language in April 2002.
- On May 1, 2002, ENGI issued a Request for Proposals to eight environmental consultants for the Phase II Site Investigation and Risk Characterization.
- ENGI received six proposals for the Phase II work in June 2002.
- In June 2002, the City of Manchester approved the ravine fence location and granted access to City property to install. The work was completed in August 2002.
- URS Consultants were awarded the contract to undertake the next phase of work. A Phase II Site Investigation Scope of Work was submitted in September 2002.
- Phase II field investigations began in the fall of 2002.
- In June 2003, the City of Manchester approved a proposal to construct a minor league ballpark, retail shops, parking garage, hotel and high-rise condominium complex on the Singer Park site, in the same general areas that MGP impacts were detected in ongoing Phase II investigations. Following supplemental ravine investigations during the spring and summer of 2003, the Drainage Ravine Engineering Evaluation was submitted to NHDES in January 2004, and presented four potential remedial alternatives for the ravine, which is located on a portion of Singer Park.
- ENGI had been a regular participant in monthly Singer Park redevelopment meetings with NHDES, the City of Manchester and the various developers since April 2003, until they ended on November 15, 2004. ENGI had attended these coordination meetings to ensure that the environmental and construction aspects of the redevelopment are being addressed concurrently and that ENGI avoids incurring costs associated with another entity's contamination.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**MANCHESTER FORMER MGP**

LINE  
NO.

- ENGI entered into confidential agreements with Manchester Parkside Place (the owner of the ravine property) for access and cleanup of MGP byproducts in the ravine in January 2005.
- In January 2005, ENGI submitted a Remedial Design Report to NHDES selecting excavation and off-site disposal of source material and impacted soils as the remedial alternative for the ravine. NHDES approved of this alternative via a letter dated February 7, 2005. Eleven contractors were invited to bid on the ravine remediation in January 2005. The contract was awarded to the low bidder (ENTACT) in February 2005. Remediation of the ravine began in March and was completed in July 2005. A remedial completion report was submitted to NHDES on September 2, 2005.
- ENGI submitted a Phase II Site Investigation Report to NHDES in March 2004. The report concluded that MGP impacts (including impacted soil and groundwater and separate phase coal tar) were present in the subsurface beneath the 130 Elm Street property, in portions of Singer Park at depth and in the Merrimack River sediment. Further investigations were recommended by ENGI to completely bound the nature and extent of this contamination and a work plan proposing those investigations was submitted to NHDES in May 2004 and approved in July 2004. These supplemental investigations were completed and documented in the Supplemental Phase II Investigation Report and the Stage I Ecological Screening Report for the Merrimack River, submitted to NHDES in February and March 2005, respectively. The reports concluded that a Remedial Action Plan for the upland and Merrimack River is required. On September 15, 2005, NHDES issued a letter accepting the reports and requested ENGI prepare a Remedial Action Plan (RAP) to address impacted sediments in the Merrimack River, as well as MGP-related impacts on the upland portion of the site. Preparation of the RAP began in August 2006.
- Additional Merrimack River investigations were completed in 2007 and the Remedial Design Report for dredging approximately 9,000 cubic yards of coal tar-impacted sediments from the river was submitted to NHDES on May 11, 2007. ENGI applied for, and was granted, a Dredge and Fill Permit for the remedial dredging from NHDES and the United States Army Corps of Engineers on May 18, 2007. Dredging of the river commenced in June 2007 and was substantially completed by the end of the year. Final site restoration activities associated with the sediment remediation were complete in May 2008. A Remedial Action Implementation Report documenting the sediment remediation activities was submitted to NHDES in May 2008.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**MANCHESTER FORMER MGP**

LINE  
NO.

- Predesign investigations and preparation of a Remedial Action Plan are ongoing on the upland portion of the former MGP site in 2007. In addition, ENGI is currently commencing interim remediation activities at the site, including pilot scale light non-aqueous phase liquid (LNAPL) recovery, pilot scale coal tar recovery and limited surface soil removal activities. Following a review of the data to be collected during some of the pilot interim activities, the upland Remedial Action Plan is expected to be completed and submitted to NHDES in fall 2009.
4. NEW HAMPSHIRE SITE REMEDIATION PHASE: Phase I Site Investigation complete. Phase II Site Investigation complete and supplemental report submitted to NHDES in February 2005. Remedial Action Plan for the ravine submitted and approved by NHDES in 2005; remediation of ravine completed in July 2005. Remediation of the river sediment was completed in 2007. A Remedial Action Plan is currently being developed for the upland portion of the MGP site.
  5. NATURE AND SCOPE OF SITE CONTAMINATION: Residual materials from the former MGP have been identified at the site. These residuals, which include tars and oils, have been found mainly in subsurface soil at discrete locations and in groundwater at the former MGP, as well as in the downgradient Singer Park and river sediment.
  6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP: The former Manchester MGP is believed to have started producing coal gas in 1852. Gas was produced at the site by the Manchester Gas Company and its predecessors until the MGP was shut down in 1952 when natural gas was supplied to the city via pipeline. ENGI is the successor by merger to the Manchester Gas Company. ENGI continues to own and operate the 130 Elm Street property as an operations center.
  7. LISTING AND STATUS OF INSURANCE AND 3RD PARTY LAWSUITS AND SETTLEMENTS: In late 2000, ENGI filed suit against UGI Utilities, Inc. in the United States District Court for the District of New Hampshire, alleging that during much of the early part of the 20th century, a predecessor to that entity "operated" the Manchester Gas Plant, as defined by the Comprehensive Environmental Response, Compensation and Liability Act (commonly referred to as "CERCLA" or "Superfund"). This claim was similar to a claim litigated and ultimately settled by the parties in the late 1990s, related to the former gas plant in Concord, NH. The case went to trial in June 2003 and was settled after 8 days of trial.

Insurance recovery efforts are substantially complete, and confidential settlements have been entered into with all but one insurance company defendant. An agreement with the last remaining insurance carrier has been negotiated under which that carrier will pay ENGI's attorneys fees incurred in the litigation. It is expected that agreement will be signed by the

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**MANCHESTER FORMER MGP**

LINE  
NO.

beginning of August, 2008. That settlement came about after a ruling from the New Hampshire Supreme Court, in response to a question certified by the United States District Court, on allocation of coverage, and the scope and meaning of NH RSA 491:22-a, as it relates to awards of attorneys fees. EnergyNorth Natural Gas, Inc. v. Certain Underwriters at Lloyds, 156 N.H. 333 (2007). As to allocation, the Court ruled as proposed by the carrier that insurance coverage should be allocated on a *pro rata* basis when multiple policies are triggered by an ongoing event. ENGI had argued for an "all sums" allocation approach in which the insured could choose the policy years from which to obtain indemnity. With respect to attorneys fees, the Court held that "[i]f the insured has obtained rulings that require the excess insurer to indemnify it, the insured has prevailed within the meaning of RSA 491:22-b, and is immediately entitled to recover its reasonable attorneys' fees and costs. Recovery of these fees and costs does not depend on whether, after all is said and done, the excess insurer actually has to pay any indemnification. The insured becomes entitled to the fees and costs once it obtains rulings that demonstrate there is coverage under the excess insurance policy." Under that finding, the insurance carrier was obligated to reimburse attorneys fees even if the *pro rata* allocation analysis resulted in the carrier owning no indemnity.

***Note: This summary is an overview and is not intended to be a comprehensive recitation of all relevant information relating to the site and the associated liability.***

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
MANCHESTER - REMEDIATION  
KEYSPAN PROJECT DEF057

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Anchor Environmental	11640	18,541.63			18,541.63
2	Anchor Environmental	11892	59,436.26			59,436.26
3	Anchor Environmental	11974	37,130.68			37,130.68
4	Anchor Environmental	12210	53,622.77			53,622.77
5	Anchor Environmental	12667	50,176.45			50,176.45
6	Anchor Environmental	12875	52,068.80			52,068.80
7	Anchor Environmental	12665	84,770.85			84,770.85
8	Anchor Environmental	13405	13,211.91			13,211.91
9	Anchor Environmental	13218	45,138.78			45,138.78
10	Anchor Environmental	13944	5,375.31			5,375.31
11						
12						
13	City of Machester	671882	791.18			791.18
14	Clean Harbors	NH1374850	667.23			667.23
15	Clean Harbors	NH0720449	4,566.38			4,566.38
16	Clean Harbors	NH0745250	250.86			250.86
17	Clean Harbors	NH0715502	371.85			371.85
18	EECS Inc.	198	275.00			275.00
19	EECS Inc.	193	1,080.40			1,080.40
20	EECS Inc.	186	1,662.63			1,662.63
21	Environmental Staff Payroll	Timesheet	8,481.75			8,481.75
22	Environmental Staff Payroll	Timesheet	3,187.11			3,187.11
23	ESMI	1004105	44,932.00			44,932.00
24	ESMI	1004112	25,981.72			25,981.72
25	ESMI	1004248	20,963.58			20,963.58
26	ESMI	1004221	23,793.04			23,793.04
27	ESMI	1004169	48,705.26			48,705.26
28	ESMI	1004203	49,802.82			49,802.82
29	ESMI	1004154	59,514.80			59,514.80
30	ESMI	1004121	60,635.82			60,635.82
31	ESMI	1004119REV	2,363.04			2,363.04
32	ESMI	1004387	52,713.24			52,713.24
33	ESMI	1004516	4,615.18			4,615.18
34	ESMI	1004553	7,168.18			7,168.18
35	ESMI	1004333	15,130.32			15,130.32
36	ESMI	1004310	29,026.00			29,026.00
37	ESMI	1004352	31,705.04			31,705.04
38	Fed Ex	2-393-45723	6.97			6.97
39	Fed Ex	2-214-34675	6.82			6.82
40	Fed Ex	2-277-34351	6.77			6.77
41	Fed Ex	2-329-60023	6.74			6.74
42						
43						
44						
45						
46						
47						
48	Maxymillian Technologies	415217	2,250.00			2,250.00
49	Maxymillian Technologies	415217	73,855.21			73,855.21
50	Maxymillian Technologies	415217	247,240.60			247,240.60
51	Maxymillian Technologies	415217	773,044.24			773,044.24
52	Maxymillian Technologies	415217	526,003.73			526,003.73
53	Maxymillian Technologies	415217	101,381.31			101,381.31
54	Maxymillian Technologies	415217	342,966.56			342,966.56
55	Maxymillian Technologies	415217	761,625.28			761,625.28
56	McLane	2007100036	1,351.50			1,351.50
57	McLane	2007110404	390.00			390.00
58	McLane	2006060871	170.00			170.00
59	Mhrai, Inc.	668444	4,808.20			4,808.20
60	Mhrai, Inc.	7515982	16,000.00			16,000.00
61	Mhrai, Inc.	7529439	8,000.00			8,000.00
62	National Security Protective Services	25591	2,278.54			2,278.54
63	National Security Protective Services	25651	2,688.76			2,688.76
64	National Security Protective Services	25534	1,626.39			1,626.39
65	National Security Protective Services	25705	2,424.36			2,424.36
66	National Security Protective Services	25760	3,755.31			3,755.31
67	National Security Protective Services	25816	3,601.43			3,601.43
68	National Security Protective Services	25872	4,105.76			4,105.76
69	National Security Protective Services	25988B	804.06			804.06
70	National Security Protective Services	26051	3,450.00			3,450.00
71	National Security Protective Services	25932	4,100.59			4,100.59
72	National Security Protective Services	25988A	4,105.76			4,105.76
73	National Security Protective Services	26047	4,156.31			4,156.31



ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
MANCHESTER - REMEDIATION  
KEYSPAN PROJECT DEF057

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
74	National Security Protective Services	26107	4,212.49			4,212.49
75	National Security Protective Services	26228	4,331.68			4,331.68
76	National Security Protective Services	26284	4,507.12			4,507.12
77	National Security Protective Services	26169	4,828.48			4,828.48
78	National Security Protective Services	26544	1,199.02			1,199.02
79	National Security Protective Services	26598	1,207.22			1,207.22
80	National Security Protective Services	26668	1,399.66			1,399.66
81	National Security Protective Services	26490	1,439.68			1,439.68
82	National Security Protective Services	26437	1,439.68			1,439.68
83	National Security Protective Services	26396	3,164.58			3,164.58
84	National Security Protective Services	26338	4,358.89			4,358.89
85	NH Department of Environmental Services	NHD500012257	359.90			359.90
86	NH Department of Environmental Services	136671-26000	184.50			184.50
87	NH Department of Environmental Services	200003011-01	29,614.05			29,614.05
88	NH Department of Environmental Services	200003011-02	55.97			55.97
89	Ostrow & Partners	90702	762.00			762.00
90	UGI	20468359	-		(89,762.96)	(89,762.96)
91	URS	2947511	7,775.50			7,775.50
92	URS	2915837	31,748.09			31,748.09
93	URS	3001816	11,912.21			11,912.21
94	URS	2992321	20,636.27			20,636.27
95	URS	3053911	11,240.43			11,240.43
96	URS	3096387	14,953.63			14,953.63
97	URS	3131443	31,067.80			31,067.80
98	URS	3033213	43,194.33			43,194.33
99	URS	3087022	54,092.92			54,092.92
100	URS	3224818	17,361.97			17,361.97
101	URS	3266523	2,483.75			2,483.75
102	URS	3362016	348.64			348.64
103	URS	3174539	20,403.91			20,403.91
104	URS	3183072	24,792.36			24,792.36
105	URS	3270124	12,699.98			12,699.98
106	URS	3369668	287.22			287.22
107	URS	3319412	5,647.86			5,647.86
108	URS	3416042	1,618.75			1,618.75
109	URS	2956980	145,675.56			145,675.56
110						
111	Total Pool Activity		4,335,075.17	-	(1,127,436.06)	3,207,639.11

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
MANCHESTER - LITIGATION  
KEYSPAN PROJECT DEF058

				1,108		
LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Fed Ex	2-329-60023	7.25			7.25
2	McLane	2007060453	-	13,609.52		13,609.52
3	McLane	2007111462	-	13,964.86		13,964.86
4	McLane	2007120594	-	27,205.10		27,205.10
5	McLane	2008010511	-	6,476.87		6,476.87
6	McLane	2008031188	-	4,747.22		4,747.22
7	McLane	2008020320	-	6,167.20		6,167.20
8	McLane	2008050263	-	1,168.00		1,168.00
9	McLane	2008040499	-	3,876.00		3,876.00
10			-			
11	Total Pool Activity		7.25	77,214.77	-	77,222.02

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**NASHUA FORMER MGP**

LINE  
NO.

1. SITE LOCATION: 38 Bridge Street, Nashua, New Hampshire.
2. DATE SITE WAS FIRST INVESTIGATED: At the end of 1998, the New Hampshire Department of Environmental Services (NHDES) sent a "Notification of Site Listing and Request for Site Investigation" for the former Nashua manufactured gas plant (MGP) to the former plant owners/operators: EnergyNorth Natural Gas, Inc. d/b/a KeySpan Energy Delivery New England (ENGI), and Public Service Company of New Hampshire (PSNH) and its parent company, Northeast Utilities Services Company (NU). NHDES designated the site DES #199810022.
3. NATURE AND SCOPE OF SITE CONTAMINATION: Residual materials from the former MGP have been identified at the site and in the adjacent Nashua River. These residuals, which include tars and oils, have been found mainly in subsurface soil at discrete locations, in groundwater, and in localized river sediments.
4. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES:
  - Prior to the time NHDES issued its notice letter to ENGI, the US Environmental Protection Agency (EPA) was remediating contamination (asbestos) at a former Johns Manville plant located adjacent to, and downstream from the 38 Bridge Street property. In the course of that work, EPA detected what it determined to be MGP related residuals in Nashua River sediments containing asbestos. EPA sought reimbursement from ENGI and PSNH of only those incremental additional costs it incurred to dispose of sediments containing MGP related wastes in addition to asbestos. ENGI and PSNH entered into a settlement agreement with the EPA at the end of September 2000. Under the terms of the agreement, each company received a release from liability associated with the so-called Nashua River Superfund Site and contribution protection against future claims associated with that site. The settlement agreement made it clear that EPA does not contend that ENGI or PSNH contributed any asbestos to the Nashua River.
  - In response to the 1998 notice from NHDES, QST Environmental, Inc. (QST, subsequently Environmental Science and Engineering, Inc. (ESE), and now Harding ESE, Inc. (Harding ESE)), submitted a Scoping Phase Field Investigation Scope of Work to NHDES on behalf of ENGI in February 1999.
  - In response to comments from NHDES, QST and ENGI refined the Scope of Work for the Scoping Phase Field Investigation and resubmitted to NHDES in April 1999.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**NASHUA FORMER MGP**

LINE  
NO.

- NHDES approved the refined Scoping Phase Field Investigation Scope of Work in May 1999.
- During the summer of 1999, ENGI and QST conducted the Scoping Phase Field Investigation, collecting site background information and soil, groundwater, surface water and sediment samples from the former Nashua MGP and the adjacent Nashua River.
- ENGI and ESE submitted the Scoping Phase Field Investigation Report to NHDES in December 1999.
- NHDES provided comments to ENGI and ESE in February 2000 on the Scoping Phase Field Investigation Report and requested a Phase II Investigation Scope of Work.
- On behalf of ENGI, ESE submitted a Draft Phase II Investigation Work Plan to NHDES in April 2000.
- ENGI and ESE met with the NHDES site manager in April 2000 to discuss the Draft Phase II Investigation Work Plan.
- NHDES provided written comments on the Draft Phase II Investigation Work Plan in June 2000.
- ENGI and ESE met with NHDES in August 2000 to discuss NHDES' comments on the Phase II Work Plan.
- ENGI and ESE developed a letter discussing revisions to the Draft Phase II Investigation Work Plan in response to comments from NHDES and from PSNH/NU and submitted the document in August 2000 along with a proposed schedule for implementation.
- NHDES approved the Revised Phase II Work Plan for the 38 Bridge Street Site at the end of August 2000.
- NHDES provided comments to ENGI and Harding ESE on the proposed schedule for Phase II Work Plan implementation in September 2000.
- Harding ESE submitted an addendum to the Phase II Work Plan, including a proposed approach for risk evaluation, to NHDES in November 2000.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**NASHUA FORMER MGP**

LINE  
NO.

- Subsequent to meetings and discussions throughout 2000, ENGI and PSNH/NU reached agreement in late 2000 regarding sharing of costs for the remediation work and transfer of management of the remediation work to ENGI.
- Harding ESE implemented the Phase II Work Plan during the fall and winter of 2000-2001. Work entailed a comprehensive field program that included river borings and sediment samples as well as borings and monitoring wells completed on and off the property.
- NHDES provided comments on the Phase II Work Plan addendum in February 2001.
- Harding ESE responded to NHDES comments on the Phase II Work Plan addendum in March 2001.
- In May 2001, ENGI and Harding ESE submitted to NHDES a Draft Site Conceptual Model to assist with finalization of the Phase II Work Plan Addendum and met with NHDES to discuss.
- ENGI and NHDES met in early June 2001 to discuss draft site conceptual model and the overall site objectives and approach.
- ENGI and Harding ESE revised the Draft Site Conceptual Model and outlined supplemental field activities to be included in the Phase II Work Plan Addendum and submitted to NHDES in June.
- In July 2001, ENGI and Harding ESE met with NHDES to review the Site Conceptual Model and proposed Phase II supplemental investigation activities.
- ENGI and NHDES met in August 2001 to discuss the overall site objectives.
- In September 2001, Harding ESE, on behalf of ENGI, submitted a Phase IIB Supplemental Site Investigation (SI) Scope of Work to NHDES.
- NHDES provided verbal approval for the Phase IIB Supplemental SI, and Harding ESE initiated the field program on behalf of ENGI in October 2001.
- NHDES provided written approval of the Phase IIB Supplemental SI in October 2001. A modification to the proposed scope of work relating to investigations

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**NASHUA FORMER MGP**

LINE  
NO.

adjacent to the gas lines was made, and verbal approval obtained, on November 19, 2001.

- Property owners north of the Nashua River did not provide access to install monitoring wells proposed in the Phase IIB SOW. Harding ESE completed all on-site work outlined in the Phase IIB SOW in February 2002.
- ENGI received access from PSNH to install Phase IIB monitoring wells west of the site in March 2002.
- Harding ESE installed additional groundwater monitoring wells west of the site in March and sampled all newly installed monitoring wells in April 2002. All work outlined in the Phase IIB SOW was completed except for the proposed monitoring wells north of the Nashua River where access was denied.
- The Phase II Report was submitted to NHDES in February 2003. The report was approved by NHDES in August 2003. At the time of approval, NHDES required ENGI to begin work on the Remedial Action Plan for the site, due in 2004.
- ENGI met with NHDES on November 3, 2003, to review the proposed remedial schedule, which called for the Remedial Action Plan to be submitted in July 2004, and remediation to occur in 2005. NHDES approved the schedule by letter dated December 1, 2003. In that letter they concurred with ENGI's request to divide the site into terrestrial and aquatic portions, to facilitate remediation of sediments concurrent with re-armoring of ENGI's gas mains crossing the river.
- By way of a May 5, 2004 letter, ENGI requested that NHDES waive the Remedial Action Plan (RAP) requirement for the aquatic portion of the site and allow ENGI to proceed with capping sediments in conjunction with gas main rearmoring, which was scheduled for completion in 2004. NHDES approved the request by letter dated May 14, 2004.
- ENGI held pre-application meetings with state and federal agencies (NHDES Wetlands Bureau, United States Army Corps of Engineers, United States Department of Fish and Wildlife, United States Environmental Protection Agency and National Oceanic and Atmospheric Administration) in June 2004. These meetings were held in advance of permit application submission for the capping/rearmoring project, to review the project and expedite the approval process. The application was submitted to these agencies as well as the City of Nashua on July 1, 2004. On July 6, 2004, NHDES deemed the permit application administratively complete. The hearing was closed on July 26, 2004 and the

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**NASHUA FORMER MGP**

LINE  
NO.

permit was issued in September 2004. The capping and re-armoring was completed in October 2004 and Remedial Completion Report submitted to NHDES in January 2005, and subsequently approved.

- In October 2005, ENGI submitted the Terrestrial Remedial Action Plan to NHDES, and the document was deemed complete by NHDES in March 2006. NHDES requested supplemental information to be submitted before ENGI proceeded with remediation, and in 2007 ENGI gathered that additional data.
- In November 2007, ENGI submitted a Workplan for DNAPL Recovery Pilot Test to NHDES and the document was approved by NHDES on November 14, 2007.
- ENGI applied for three permits required for the implementation of the NHDES-approved DNAPL pilot testing activities: Nashua Conservation Commission Permit, Nashua Zoning Board of Appeals Permit and NHDES Dredge and Fill Permit. ENGI attended numerous hearings related to obtaining the permits and obtained the three permits on April 21, 2008, April 23, 2008 and May 31, 2008, respectively.
- In June 2008, ENGI installed six extraction wells for DNAPL recovery pilot testing at the site. ENGI is currently completing the construction of the coal tar recovery system (i.e., the equipment that will be use to pump, collect and temporarily store the coal tar on-site) and anticipates starting coal tar recovery in late 2008.

5. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE: All Supplemental Phase II Site Investigation Work that could be performed (based on property access) has been completed. Phase II Report was submitted to NHDES in February 2003, and approved by NHDES on August 28, 2003. Remediation of the Nashua River sediments was completed in the Fall of 2004. A Remedial Action Plan (RAP) for the upland and groundwater was submitted in October 2005, and approved by NHDES in March 2006. Pilot testing of the DNAPL recovery system in the approved RAP is on-going.
6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP: The Nashua Gas Light Company built the original coal gas facility in 1852 or 1853. In 1889, the Nashua Gas Light Company merged with the Nashua Electric Company to form the Nashua Light, Heat and Power Company (NHLPC). In 1914, the NLHPC merged with the Manchester Traction Light & Power Company, and PSNH acquired the facility in 1926. The MGP facility was upgraded and expanded. In 1945, PSNH divested the gas operations to Gas Service, Inc. Gas production was eliminated in 1952 when natural gas was supplied to the city via pipeline. In 1981, Gas Service, Inc. merged with Manchester

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**NASHUA FORMER MGP**

LINE  
NO.

Gas Company to form ENGI. ENGI currently owns the majority of the former gas plant property.

7. LISTING AND STATUS OF INSURANCE AND 3RD PARTY LAWSUITS AND SETTLEMENTS: The EPA made a claim against ENGI and PSNH related to the so-called Nashua River Asbestos Site located adjacent to the former MGP. EPA was removing asbestos from the Nashua River, when some was found to be mixed with wastes allegedly from the MGP. Without admitting any facts or liability, by agreement effective December 21, 2000, ENGI resolved EPA's claim in exchange for a payment of \$387,371.46, plus interest accrued between settlement and final approval of an administrative consent order by EPA.

ENGI and PSNH have entered into a confidential Site Responsibility and Indemnity Agreement effective as of September 15, 2000, which governs the financial and decision-making responsibilities of the two companies through the remainder of site study and remediation. Under this agreement, ENGI will take the lead on site investigation and remediation.

Numerous, confidential insurance settlements have been entered into. A jury trial commenced against the London Market Insurers and Century Indemnity on November 1, 2005. On November 14, 2005, the jury returned a verdict in favor of EnergyNorth finding that the defendants were obligated to indemnify EnergyNorth for response costs incurred at the site. The Court then awarded ENGI its reasonable costs and attorneys fees to be paid by the defendants. Subsequent to the verdict, the London Market and ENGI entered into a confidential settlement. Century appealed to the First Circuit Court of Appeals in the summer of 2006. However, on the day its brief was due at the First Circuit, Century withdrew its appeal. Because the site has not yet been remediated, the jury was not asked to make a damage determination. Future proceedings will take place after the remedy has been approved by the NHDES to determine the indemnification amounts to be paid by Century. The New Hampshire Supreme Court's ruling on the allocation issue (discussed in the Manchester MGP summary) will affect that figure.

***Note: This summary is an overview only and is not intended to be a comprehensive recitation of all relevant information relating to the site and the associated liability.***



ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
NASHUA - REMEDIATION  
KEYSPAN PROJECT DEF054

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL
1	Environmental Staff Payroll	Timesheet	1,254.01			1,254.01
2	Environmental Staff Payroll	Timesheet	130.72			130.72
3	Innovative Engineering Solutions, Inc.	6404	5,432.34			5,432.34
4	Innovative Engineering Solutions, Inc.	6450	18,786.75			18,786.75
5	Innovative Engineering Solutions, Inc.	6521	6,026.87			6,026.87
6	Innovative Engineering Solutions, Inc.	6656	5,031.59			5,031.59
7	Innovative Engineering Solutions, Inc.	6799	6,045.35			6,045.35
8	Innovative Engineering Solutions, Inc.	6595	13,607.03			13,607.03
9	Innovative Engineering Solutions, Inc.	6716	32,447.06			32,447.06
10	Innovative Engineering Solutions, Inc.	6868	10,093.18			10,093.18
11						
12	T Ford Company	1000	2,540.12			2,540.12
13	New Hampshire Department of Environmental Servic	19981022-04	6,209.80			6,209.80
14						
15	<b>Total Pool Activity</b>		<b>107,604.82</b>	<b>-</b>	<b>(10,414.21)</b>	<b>97,190.61</b>

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
NASHUA - LITIGATION  
KEYSPAN PROJECT DEF049

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Century Indemnity	2007 DNH 083	-	550,000.00		550,000.00
2						
3						
4						
5						
6						
7	McLane	2007080632	-	4,675.80		4,675.80
8	McLane	2007090776	-	809.50		809.50
9	McLane	2008030392	-	170.00		170.00
10	McLane	2007120410	-	37.00		37.00
11	McLane	2007060454	-	5,338.00		5,338.00
12						
13	Total Pool Activity		-	561,030.30	(1,032,185.57)	(471,155.27)

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**DOVER FORMER MGP**

LINE  
NO.

1. SITE LOCATION: Intersection of Cocheco Street and Portland Street, Dover, New Hampshire.
2. DATE SITE WAS FIRST INVESTIGATED: In 1999, NHDES sent notice letters to current and former site owners and operators including: Public Service Company of New Hampshire (PSNH) and its parent company, Northeast Utilities (NU).; EnergyNorth Natural Gas, Inc. (ENGI); Northern Utilities, Inc.; and Central Vermont Public Service Company (CVPS). It is the company's understanding that NHDES sent a notice to the current site owner, Estelle Maglaras, earlier. NHDES designated the site DES #198401047.
3. NATURE AND SCOPE OF SITE CONTAMINATION: According to the August 2002 Supplemental Site Investigation Report, the evaluation of the nature and extent of MGP impacts to the site has been completed. Residual materials from the former MGP have been identified at the site and in the adjacent Cocheco River. These residuals, which include tars, oils, and purifier waste, have been found in surface soil, subsurface soil, groundwater, and river sediment.
4. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES:
  - During late 1999 and early 2000, PSNH/NU took the lead on preparation of a Site Investigation Report. PSNH/NU submitted the report to NHDES and the other potentially responsible parties (PRPs) in February 2000.
  - The PRPs held meetings and discussions during 2000 regarding site responsibility and liability.
  - Following an October meeting between NHDES and PSNH/NU, ENGI, and CVPS, Metcalf & Eddy, Inc. (M&E), in December 2000, submitted a Supplemental Site Investigation Work Plan on behalf of PSNH/NU, ENGI, and CVPS to NHDES.
  - NHDES provided written comments on the Supplemental Site Investigation Work Plan in April, 2001.
  - M&E submitted a letter response to NHDES comments on the Work Plan to NHDES in early June 2001.
  - NHDES approved the Supplemental Site Investigation Work Plan and letter addendum in late June 2001.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**DOVER FORMER MGP**

LINE  
NO.

- PSNH/NU, in conjunction with CVPS and ENGI, submitted the M&E Supplemental Site Investigation Report to the DES on August 9, 2002.
- Since 2002, PSNH has conducted work at the site without ENGI's active involvement. NHDES is aware of the situation. Please contact PSNH or refer to PSNH/NU filings with NHDES for complete information on material developments and interactions with environmental authorities.

5. NEW HAMPSHIRE SITE REMEDIATION PHASE: Supplemental Site Investigation completed. Please contact PSNH or NHDES for current status.
6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP: ENGI is the successor by merger to Gas Service, Inc (GSI). In 1945, GSI acquired the gas manufacturing assets of PSNH. The Dover MGP, which began operation in 1850, was included in that transaction. GSI operated the Dover MGP until 1956, when it was sold to Allied New Hampshire Gas Company (Allied). Approximately 10 months after that sale, the MGP was shut down when natural gas arrived in Dover. Allied merged into Northern Utilities in 1969, and Northern Utilities continued to own the property until 1978. At that time, the property was sold to Estelle Maglaras, the current owner. The majority of the property is used by the Maglaras family as a marina and boatyard. Northern Utilities, Inc. maintains a regulator station on a small portion of the former MGP property.
7. LISTING AND STATUS OF INSURANCE AND 3RD PARTY LAWSUITS AND SETTLEMENTS: Mediation between PSNH, ENGI, CVPS and Northern Utilities for allocation was undertaken in the fall of 2001 but was not successful. Since that time, PSNH reached a confidential settlement and allocation with CVPS, and has taken the lead on site investigation and remediation activities. Please contact PSNH or refer to PSNH/NU filings with NHDES for complete information on material developments. PSNH and ENGI have attempted to negotiate an allocation but thus far have been unsuccessful.

Insurance recovery efforts resulted in several confidential settlements. Trial was conducted in the United States District Court in February, 2005. At the close of the defendant's case, the court directed a verdict in ENGI's favor on the issue of coverage determining that the defendant is liable for environmental costs related to the site. In May, 2005, the court ordered Century Indemnity to reimburse ENGI's attorneys' fees and costs associated with the litigation. In June 2005, the Court issued an Amended Judgment awarding fees to ENGI. Century appealed the Amended Judgment and oral argument was heard in January 2006.

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**DOVER FORMER MGP**

LINE  
NO.

Century's appeal was denied by the Court in June 2006, and ENGI was ultimately awarded its attorneys fees associated with that appeal.

***Note: This summary is an overview and is not intended to be a comprehensive recitation of all relevant information relating to the site and the associated liability.***

ENERGYNORTH NATURAL GAS, INC.  
 MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
 SITE NAME: DOVER - REMEDIATION  
 KEYSpan PROJECT DEF059

1108

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSE	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1			-			
2			-			
3	<b>NO ACTIVITY FOR THIS PERIOD</b>					
4						
5						
6						
7	<b>Total Pool Activity</b>		-	-	-	-

ENERGYNORTH NATURAL GAS, INC.  
 MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
 DOVER - LITIGATION  
 KEYSpan PROJECT DEF060

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1						
2			-			-
3	Total Pool Activity		-	-	(2,133.18)	(2,133.18)

**ENERGYNORTH NATURAL GAS, INC.**

**d/b/a NATIONAL GRID**

**KEENE FORMER MGP**

LINE  
NO.

1. SITE LOCATION: 207 and 227 Emerald Street, Keene, New Hampshire.
2. DATE SITE WAS FIRST INVESTIGATED: Information on site investigation activities comes from reports prepared by Public Service Company of New Hampshire (PSNH). It is apparent the New Hampshire Department of Environmental Services (NHDES) first investigated Mill Creek adjacent to the former Keene Manufactured Gas Plant (MGP) in 1986. PSNH, a former owner and operator, and its parent company, Northeast Utilities Service Company (NU), conducted several site assessments of the former MGP during the early and mid-1990s. PSNH/NU completed a Site Investigation in 1996 in response to a notice letter from the NHDES, which designated the site DES # 199412009. PSNH/NU has had responsibility for site management and interactions with NHDES since that time. Although it does not appear to have been actively involved in the site study, Keene Gas Corporation (KGC) received a notice letter from NHDES in January 1999. In response to a request from PSNH/NU, NHDES sent a notice letter to EnergyNorth Natural Gas, Inc. (ENGI) in April 2001. ENGI responded to the NHDES on April 27, 2001, indicating that it would continue to coordinate with PSNH and that it was evaluating its potential liability, if any, at the site.
3. NATURE AND SCOPE OF SITE CONTAMINATION: Residual materials from the former MGP have been identified at the site in sediments of the adjacent Mill Creek and Ashuelot River. Removal of impacted sediment areas constituting readily apparent harm and restoration of the creek bed and portions of the river bed is the likely remedial alternative for the aquatic portion of the site.
4. SUMMARY OF MATERIAL DEVELOPMENTS AND INTERACTIONS WITH ENVIRONMENTAL AUTHORITIES: ENGI entered into a confidential agreement with PSNH relative to the development and execution of a Remedial Action Plan (RAP) for the aquatic portion of the site in January 2005. Subsequently, in March 2005, ENGI and PSNH/NU submitted a Scope of Work for the ecological evaluation of the Ashuelot River Sediments to NHDES, and met with NHDES on April 25, 2005 to discuss the conceptual RAP (consisting of sediment removal and stream bed restoration) for Mill Creek/Ashuelot River. NHDES approved the scope of the ecological evaluation, and it was conducted in 2005. In February 2006, PSNH submitted a scope of work for a supplemental investigation of the Ashuelot River, which was approved by NHDES in April 2006. This work was completed and in response in February 2007 NHDES requested a Remedial Action Plan for Mill Creek and a portion of the Ashuelot River.
5. NEW HAMPSHIRE SITE REMEDIATION PROGRAM PHASE: Remediation of the terrestrial portion of the site was completed by PSNH/NU in 2004/2005. An ecological risk assessment in support of a Remedial Action Plan for the Ashuelot River and Mill Creek



**ENERGYNORTH NATURAL GAS, INC.**

**d/b/a NATIONAL GRID**

**KEENE FORMER MGP**

LINE  
NO.

portions of the site was conducted jointly by ENGI and PSNH/NU in 2005. A supplemental investigation of the Ashuelot River to support the preparation of a Remedial Action Plan (RAP) was completed in 2007 and NHDES has requested PSNH/NU submit the RAP for Mill Creek and portions of the Ashuelot River in 2007. NHDES files indicate that the RAP was submitted by PSNH in 2008. PSNH has taken the lead on investigation at this Site, and so has conducted work at the site without ENGI's active involvement. NHDES is aware of the situation. Please contact PSNH or refer to PSNH/NU filings with NHDES for complete information on material developments and interactions with environmental authorities.

6. HISTORY AND CURRENT STATUS OF USE AND OWNERSHIP: Given its status at the site, ENGI has not yet conducted a thorough evaluation of its history. It is known that the plant became operational in approximately 1860 and operated as a manufactured gas plant until 1952, after which it was converted to butane and later to propane. Gas Service, Inc., a predecessor of ENGI, owned the former MGP between October 1945 and its closure in 1952. Gas Service continued to own the property until it was sold to KGC in 1979. KGC continues to operate a propane-air plant at the site. Please contact PSNH or refer to PSNH/NU filings with NHDES for complete information on site history, use and ownership.
7. LISTING AND STATUS OF INSURANCE AND 3RD PARTY LAWSUITS AND SETTLEMENTS:

Insurance recovery claims are underway, and confidential settlements have been entered into with all but one defendant. Trial had been scheduled for October 2006 against the sole remaining insurance company defendant, Century Indemnity, however that trial was put off while awaiting a ruling on an issue of law in the Manchester MGP litigation by the New Hampshire Supreme Court. The Supreme Court has since ruled on the appropriate method of allocating indemnification obligations among multiple insurers and the applicability of the New Hampshire attorneys fees statute, RSA 491:22-a, which is relevant to the Keene case. In that case, EnergyNorth Natural Gas, Inc. v. Certain Underwriters at Lloyds, 156 N.H. 333 (2007), the Court ruled as proposed by the carrier that insurance coverage should be allocated on a *pro rata* basis when multiple policies are triggered by an ongoing event. ENGI had argued for an "all sums" allocation approach in which the insured could choose the policy years from which to obtain indemnity. With respect to attorneys fees, the Court held that "[i]f the insured has obtained rulings that require the excess insurer to indemnify it, the insured has prevailed within the meaning of RSA 491:22-b, and is immediately entitled to recover its reasonable attorneys' fees and costs. Recovery of these fees and costs does not depend on whether, after all is said and

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a NATIONAL GRID**

**KEENE FORMER MGP**

LINE  
NO.

done, the excess insurer actually has to pay any indemnification. The insured becomes entitled to the fees and costs once it obtains rulings that demonstrate there is coverage under the excess insurance policy." Under that finding, the insurance carrier was obligated to reimburse attorneys fees even if the *pro rata* allocation analysis resulted in the carrier owning no indemnity.

It is anticipated the court will lift the stay during 2008.

ENGI intervened in Docket DE 98-123, the proceeding in which the Commission considered the proposed transfer of operating assets from Keene Gas Corporation (KGC) to New Hampshire Gas Corporation (NHGC). ENGI opposed the proposed transfer because it was concerned that the transfer was likely to create a significant, and possibly insurmountable, obstacle to the potential for KGC customers to share in responsibility for any costs associated with environmental liabilities at the Keene MGP site. At the time, ENGI had not been named as a potentially responsible party for the Keene MGP site, nor had it been notified by any PRP of any claimed liability for the site. Nevertheless, ENGI was aware of the possibility that it would receive such a notice at some point in the future. In the KGC/NHGC proceeding, ENGI proposed that the Commission condition any approval of the proposed transfer on NHGC's willingness to assume responsibility for KGC's liability with regard to the site. The Commission ultimately approved the transfer of assets without imposing such a condition, finding among other things that liability for environmental contamination at the Keene MGP site remained speculative at that time and that assignment of any such liability to various parties was not appropriate for determination by the Commission.

***Note: This summary is an overview only and is not intended to be a comprehensive recitation of all relevant information relating to the site and the associated liability.***

ENERGYNORTH NATURAL GAS, INC.  
 MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
 KEENE - REMEDIATION  
 KEYSpan PROJECT DEF055

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSE	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	Environmental Staff Payroll	Timesheet	32.36			32.36
2			-			-
3	<b>Total Pool Activity</b>		<b>32.36</b>	-	-	<b>32.36</b>

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
KEENE - LITIGATION  
KEYSPAN PROJECT DEF071

1108						
LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSES	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	McLane	2007090517	387.00			387.00
2	McLane	2007090777	-	55.50		55.50
3	McLane	2007111390	-	882.00		882.00
4	McLane	2007120694	-	234.50		234.50
5			-	-		-
6	Total Pool Activity		387.00	1,172.00	-	1,559.00

ENERGYNORTH NATURAL GAS, INC.  
MANUFACTURED GAS PLANT ENVIRONMENTAL COSTS  
GENERAL EXPENSES  
KEYSPAN PROJECT DEF064

LINE NO.	VENDOR	REF NO.	SUBTOTAL EXPENSES	INSURANCE & THIRD PARTY EXPENSE	INSURANCE & THIRD PARTY RECOVERIES	TOTAL SUBMITTED
1	American Institute of Professional Geologists	15189	35.00			35.00
2	Dickstein Shapiro	2209363	-	5,042.14		5,042.14
3	Environmental Staff Payroll	Timesheet	3,477.03			3,477.03
4	Environmental Staff Payroll	Timesheet	10,354.93			10,354.93
5	Environmental Staff Travel Expenses	EXP 0235174	1.40			1.40
6	Environmental Staff Travel Expenses	EXP 0243633	39.62			39.62
7	Environmental Staff Travel Expenses	EXP 0245881	20.95			20.95
8	Environmental Staff Travel Expenses	EXP 0245881	2.48			2.48
9	Environmental Staff Travel Expenses	EXP 0242567	44.90			44.90
10	Environmental Staff Travel Expenses	EXP 0243074	30.00			30.00
11	Ikon Office Solutions	BOG07080213	1,503.81			1,503.81
12	LECG, LLC	82477	975.00			975.00
13	LECG, LLC	76174	-	489.58		489.58
14	LECG, LLC	80511	-	61.82		61.82
15	LECG, LLC	85816	-	130.19		130.19
16	LECG, LLC	89248	-	466.92		466.92
17	LECG, LLC	89115	-	547.45		547.45
18	LECG, LLC	91252	-	5,187.35		5,187.35
19	LECG, LLC	94168	-	97.40		97.40
20	LECG, LLC	94165	-	471.35		471.35
21	McLane	2007110405	-	3,517.62		3,517.62
22	McLane	2008050048	4,316.00			4,316.00
23	McLane	2008040243	170.00			170.00
24	McLane	2007070736	4,108.12			4,108.12
25	McLane	2007080884	305.50			305.50
26	McLane	2007060455	106.25			106.25
27	McLane	2007080885	472.50			472.50
28	McLane	2007090518	2,463.30			2,463.30
29	McLane	2007110403	787.50			787.50
30	McLane	2008020918	4,487.50			4,487.50
31	McLane	2008030388	1,054.00			1,054.00
32	Interest on Over Recovery Balance Sep 06 - Jul 08		(215,756.00)			(215,756.00)
32						
33	Total Pool Activity		(181,000.21)	16,011.82	-	(164,988.39)

### III DELIVERY TERMS AND CONDITIONS

**NHPUC NO. 5 - GAS**  
**KEYSPAN ENERGY DELIVERY**

Proposed Eighth Revised Page 153  
Superseding Seventh Revised Page 153

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#### ATTACHMENT D

#### Schedule of Administrative Fees and Charges

I.	Supplier Balancing Charge:	\$0.12 per MMBtu of Daily Imbalance Volumes*
II.	Capacity Mitigation Fee	15% of the Proceeds from the Marketing of Capacity for Mitigation.
III.	Peaking Demand Charge	\$10.02 MMBTU of Peak MDQ.

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\* The difference between the ATV and the recalculated ATV adjusted for actual degree days.

**ENERGY NORTH NATURAL GAS, INC.  
d/b/a National Grid NH**

**Calculation of Supplier Balancing Charge**

**Rate:                   \$0.12 /MMBtu**

	<b>Rate</b>	<b>Volume</b>	<b>Total</b>
Injection Cost	\$0.0102	<b>550,177</b>	\$5,612
Withdrawal Cost	\$0.0102	<b>300,124</b>	\$3,061
Delivery Rate	\$0.0378	300,124	\$11,347
FTA Demand Charge	\$0.1936	300,124	\$58,117
FTA Commodity Charge	\$0.0834	300,124	\$25,030
Total Cost			\$103,168
Absolute Value of the Sendout Error			<b>850,300</b> MMBtu
Rate \$			0.12 /MMBTU

NOTES: See Tennessee Gas Pipeline Tariff Pages in Tab 6

TGP FSMA Injection Charge	\$0.0102 / MMBtu
TGP FSMA Withdrawal Charge	\$0.0102 / MMBtu
TGP FSMA Deliverability Charge	\$1.15 / MMBtu per month
	\$0.0378 / MMBtu per day
TGP Z4-6 Demand Charge	\$5.89 / MMBtu per month
	\$0.1936 / MMBtu per day
TGP Z4-6 Commodity Charge	\$0.0834 / MMBtu

**EnergyNorth Natural Gas Inc.  
d/b/a National Grid NH**

**Calculation of Supplier Balancing Charge**

**Estimated Monthly Imbalances**

Date	Forecasted DD	Actual DD	Forecaster Error DD	Forecasted Sendout (MMBtu)	Actual Sendout (MMBtu)	Sendout Error (MMBtu)	Abs.Value Sendout Error (MMBtu)	Injections (MMBtu)	Withdrawals (MMBtu)
Nov	814	806	8	1,430,461	1,418,296	12,165	136,858	74,511	62,346
Dec	1,231	1,201	30	2,230,318	2,181,741	48,577	129,539	89,058	40,481
Jan	1,181	1,148	33	2,208,413	2,153,360	55,053	155,148	105,100	50,048
Feb	1,048	1,029	19	2,023,906	1,997,191	26,716	108,434	67,575	40,859
Mar	1,014	971	43	1,844,895	1,782,623	62,272	76,754	69,513	7,241
Apr	518	491	27	943,411	908,365	35,046	105,138	70,092	35,046
May	232	205	27	524,127	502,564	21,563	47,120	34,341	12,778
Jun	51	64	-13	321,086	326,077	-4,991	15,741	5,375	10,366
Jul	8	4	4	299,431	299,431	0	0	0	0
Aug	24	25	-1	299,422	299,422	0	0	0	0
Sep	80	99	-19	336,624	343,909	-7,285	16,488	4,601	11,887
Oct	296	295	1	566,093	565,155	938	59,081	30,009	29,072
<b>Total</b>	<b>6,497</b>	<b>6,338</b>	<b>159</b>	<b>13,028,189</b>	<b>12,778,136</b>	<b>250,053</b>	<b>850,300</b>	<b>550,177</b>	<b>300,124</b>

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EnergyNorth Natural Gas Inc.  
d/b/a National Grid New Hampshire

Calculation of Supplier Balancing Charge

Estimated Daily Imbalances

Date	Forecasted MAN HDD	Actual MAN HDD	Forecaster Error MAN HDD	Forecasted Sendout (MMBtu)	Actual Sendout (MMBtu)	Sendout Error (MMBtu)	Abs.Value Sendout Error (MMBtu)	Injections (MMBtu)	Withdrawals (MMBtu)
May 1, 07	13	8	5	21,313	17,320	3,993	3,993	3,993	0
May 2, 07	15	12	3	22,910	20,514	2,396	2,396	2,396	0
May 3, 07	13	10	3	21,313	18,917	2,396	2,396	2,396	0
May 4, 07	13	12	1	21,313	20,514	799	799	799	0
May 5, 07	16	11	5	23,709	19,715	3,993	3,993	3,993	0
May 6, 07	15	17	-2	22,910	24,507	-1,597	1,597	0	1,597
May 7, 07	5	5	0	14,924	14,924	0	0	0	0
May 8, 07	0	0	0	10,930	10,930	0	0	0	0
May 9, 07	0	0	0	10,930	10,930	0	0	0	0
May 10, 07	0	0	0	10,930	10,930	0	0	0	0
May 11, 07	1	0	1	11,729	10,930	799	799	799	0
May 12, 07	11	9	2	17,715	18,118	1,597	1,597	1,597	0
May 13, 07	15	12	3	22,910	20,514	2,396	2,396	2,396	0
May 14, 07	10	4	6	18,917	14,125	4,792	4,792	4,792	0
May 15, 07	0	0	0	10,930	10,930	0	0	0	0
May 16, 07	11	17	-6	19,715	24,507	-4,792	4,792	0	4,792
May 17, 07	16	19	-3	23,709	26,105	-2,396	2,396	0	2,396
May 18, 07	19	21	-2	26,105	27,702	-1,597	1,597	0	1,597
May 19, 07	12	11	1	20,514	19,715	799	799	799	0
May 20, 07	15	10	5	22,910	18,917	3,993	3,993	3,993	0
May 21, 07	13	11	2	21,313	19,715	1,597	1,597	1,597	0
May 22, 07	8	6	2	17,320	15,722	1,597	1,597	1,597	0
May 23, 07	4	5	-1	14,125	14,924	-799	799	0	799
May 24, 07	0	0	0	10,930	10,930	0	0	0	0
May 25, 07	0	0	0	10,930	10,930	0	0	0	0
May 26, 07	0	0	0	10,930	10,930	0	0	0	0
May 27, 07	1	2	-1	11,729	12,528	-799	799	0	799
May 28, 07	2	0	2	12,528	10,930	1,597	1,597	1,597	0
May 29, 07	2	0	2	12,528	10,930	1,597	1,597	1,597	0
May 30, 07	0	0	0	10,930	10,930	0	0	0	0
May 31, 07	2	3	-1	12,528	13,326	-799	799	0	799
Jun 1, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 2, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 3, 07	2	13	-11	10,818	15,041	-4,223	4,223	0	4,223
Jun 4, 07	2	8	-6	10,818	13,122	-2,304	2,304	0	2,304
Jun 5, 07	1	2	-1	10,434	10,818	-384	384	0	384
Jun 6, 07	8	9	-1	13,122	13,506	-384	384	0	384
Jun 7, 07	1	1	0	10,434	10,434	0	0	0	0
Jun 8, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 9, 07	6	5	1	12,354	11,970	384	384	384	0
Jun 10, 07	4	0	4	11,586	10,050	1,536	1,536	1,536	0
Jun 11, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 12, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 13, 07	6	9	-3	12,354	13,506	-1,152	1,152	0	1,152
Jun 14, 07	5	9	-4	11,970	13,506	-1,536	1,536	0	1,536
Jun 15, 07	4	0	4	11,586	10,050	1,536	1,536	1,536	0
Jun 16, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 17, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 18, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 19, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 20, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 21, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 22, 07	4	5	-1	11,586	11,970	-384	384	0	384
Jun 23, 07	3	3	0	11,202	11,202	0	0	0	0
Jun 24, 07	2	0	2	10,818	10,050	768	768	768	0
Jun 25, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 26, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 27, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 28, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 29, 07	0	0	0	10,050	10,050	0	0	0	0
Jun 30, 07	3	0	3	11,202	10,050	1,152	1,152	1,152	0
Jul 1, 07	5	4	1	9,659	9,659	0	0	0	0
Jul 2, 07	3	0	3	9,659	9,659	0	0	0	0
Jul 3, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 4, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 5, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 6, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 7, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 8, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 9, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 10, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 11, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 12, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 13, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 14, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 15, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 16, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 17, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 18, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 19, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 20, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 21, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 22, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 23, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 24, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 25, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 26, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 27, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 28, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 29, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 30, 07	0	0	0	9,659	9,659	0	0	0	0
Jul 31, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 1, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 2, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 3, 07	0	0	0	9,659	9,659	0	0	0	0

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EnergyNorth Natural Gas Inc.  
d/b/a National Grid New Hampshire

Calculation of Supplier Balancing Charge

Estimated Daily Imbalances

Date	Forecasted MAN HDD	Actual MAN HDD	Forecaster Error MAN HDD	Forecasted Sendout (MMBtu)	Actual Sendout (MMBtu)	Sendout Error (MMBtu)	Abs.Value Sendout Error (MMBtu)	Injections (MMBtu)	Withdrawals (MMBtu)
Aug 4, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 5, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 6, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 7, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 8, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 9, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 10, 07	1	5	-4	9,659	9,659	0	0	0	0
Aug 11, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 12, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 13, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 14, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 15, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 16, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 17, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 18, 07	5	4	1	9,659	9,659	0	0	0	0
Aug 19, 07	6	4	2	9,659	9,659	0	0	0	0
Aug 20, 07	4	5	-1	9,659	9,659	0	0	0	0
Aug 21, 07	4	6	-2	9,659	9,659	0	0	0	0
Aug 22, 07	4	1	3	9,659	9,659	0	0	0	0
Aug 23, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 24, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 25, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 26, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 27, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 28, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 29, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 30, 07	0	0	0	9,659	9,659	0	0	0	0
Aug 31, 07	0	0	0	9,659	9,659	0	0	0	0
Sep 1, 07	1	2	-1	10,582	10,965	-383	383	0	383
Sep 2, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 3, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 4, 07	0	2	-2	10,198	10,965	-767	767	0	767
Sep 5, 07	2	4	-2	10,965	11,732	-767	767	0	767
Sep 6, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 7, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 8, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 9, 07	0	6	-6	10,198	12,499	-2,301	2,301	0	2,301
Sep 10, 07	0	4	-4	10,198	11,732	-1,534	1,534	0	1,534
Sep 11, 07	0	5	-5	10,198	12,115	-1,917	1,917	0	1,917
Sep 12, 07	4	4	0	11,732	11,732	0	0	0	0
Sep 13, 07	7	4	3	12,882	11,732	1,150	1,150	1,150	0
Sep 14, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 15, 07	10	11	-1	14,033	14,416	-383	383	0	383
Sep 16, 07	14	12	2	15,566	14,800	767	767	767	0
Sep 17, 07	8	11	-3	13,266	14,416	-1,150	1,150	0	1,150
Sep 18, 07	8	11	-3	13,266	14,416	-1,150	1,150	0	1,150
Sep 19, 07	3	5	-2	11,349	12,115	-767	767	0	767
Sep 20, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 21, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 22, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 23, 07	2	0	2	10,965	10,198	767	767	767	0
Sep 24, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 25, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 26, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 27, 07	0	0	0	10,198	10,198	0	0	0	0
Sep 28, 07	5	1	4	12,115	10,582	1,534	1,534	1,534	0
Sep 29, 07	8	7	1	13,266	12,882	383	383	383	0
Sep 30, 07	8	10	-2	13,266	14,033	-767	767	0	767
Oct 1, 07	5	10	-5	13,966	18,685	-4,689	4,689	0	4,689
Oct 2, 07	4	3	1	13,058	12,120	938	938	938	0
Oct 3, 07	0	0	0	9,307	9,307	0	0	0	0
Oct 4, 07	0	0	0	9,307	9,307	0	0	0	0
Oct 5, 07	0	0	0	9,307	9,307	0	0	0	0
Oct 6, 07	0	0	0	9,307	9,307	0	0	0	0
Oct 7, 07	4	9	-5	13,058	17,747	-4,689	4,689	0	4,689
Oct 8, 07	1	10	-9	10,244	18,685	-8,440	8,440	0	8,440
Oct 9, 07	10	10	0	18,685	18,685	0	0	0	0
Oct 10, 07	11	9	2	19,622	17,747	1,876	1,876	1,876	0
Oct 11, 07	8	10	-2	16,809	18,685	-1,876	1,876	0	1,876
Oct 12, 07	17	17	0	25,249	25,249	0	0	0	0
Oct 13, 07	16	16	0	24,311	24,311	0	0	0	0
Oct 14, 07	18	18	0	26,187	26,187	0	0	0	0
Oct 15, 07	16	14	2	24,311	22,436	1,876	1,876	1,876	0
Oct 16, 07	18	18	0	26,187	26,187	0	0	0	0
Oct 17, 07	11	10	1	19,622	18,685	938	938	938	0
Oct 18, 07	1	5	-4	10,244	13,996	-3,751	3,751	0	3,751
Oct 19, 07	0	0	0	9,307	9,307	0	0	0	0
Oct 20, 07	5	5	0	13,996	13,996	0	0	0	0
Oct 21, 07	7	4	3	15,871	13,058	2,813	2,813	2,813	0
Oct 22, 07	6	0	6	14,933	9,307	5,627	5,627	5,627	0
Oct 23, 07	8	0	8	16,809	9,307	7,502	7,502	7,502	0
Oct 24, 07	15	13	2	23,374	21,498	1,876	1,876	1,876	0
Oct 25, 07	20	18	2	28,062	26,187	1,876	1,876	1,876	0
Oct 26, 07	13	12	1	21,498	20,560	938	938	938	0
Oct 27, 07	9	8	1	17,747	16,809	938	938	938	0
Oct 28, 07	19	22	-3	27,125	28,938	-2,813	2,813	0	2,813
Oct 29, 07	24	27	-3	31,814	34,627	-2,813	2,813	0	2,813
Oct 30, 07	20	18	2	28,062	26,187	1,876	1,876	1,876	0
Oct 31, 07	10	9	1	18,685	17,747	938	938	938	0
Nov 1, 07	19	18	1	35,314	33,794	1,521	1,521	1,521	0
Nov 2, 07	23	20	3	41,397	36,835	4,562	4,562	4,562	0
Nov 3, 07	22	22	0	47,479	39,876	7,603	7,603	7,603	0
Nov 4, 07	27	22	5	39,876	39,876	0	0	0	0
Nov 5, 07	20	16	4	36,835	30,752	6,083	6,083	6,083	0
Nov 6, 07	25	26	-1	44,438	45,959	-1,521	1,521	0	1,521
Nov 7, 07	28	27	1	49,000	47,479	1,521	1,521	1,521	0

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EnergyNorth Natural Gas Inc.  
d/b/a National Grid New Hampshire

Calculation of Supplier Balancing Charge

Estimated Daily Imbalances

Date	Forecasted MAN HDD	Actual MAN HDD	Forecaster Error MAN HDD	Forecasted Sendout (MMBtu)	Actual Sendout (MMBtu)	Sendout Error (MMBtu)	Abs.Value Sendout Error (MMBtu)	Injections (MMBtu)	Withdrawals (MMBtu)
Nov 8, 07	31	31	0	53,562	53,562	0	0	0	0
Nov 9, 07	28	29	-1	49,000	50,521	-1,521	1,521	0	1,521
Nov 10, 07	33	32	1	56,603	55,083	1,521	1,521	1,521	0
Nov 11, 07	29	33	-4	50,521	56,603	-6,083	6,083	0	6,083
Nov 12, 07	25	24	1	44,438	42,917	1,521	1,521	1,521	0
Nov 13, 07	21	25	-4	38,355	44,438	-6,083	6,083	0	6,083
Nov 14, 07	14	9	5	27,711	20,108	7,603	7,603	7,603	0
Nov 15, 07	24	20	4	42,917	36,835	6,083	6,083	6,083	0
Nov 16, 07	32	30	2	55,083	52,041	3,041	3,041	3,041	0
Nov 17, 07	31	33	-2	53,562	56,603	-3,041	3,041	0	3,041
Nov 18, 07	35	32	3	59,644	55,083	4,562	4,562	4,562	0
Nov 19, 07	28	32	-4	49,000	55,083	-6,083	6,083	0	6,083
Nov 20, 07	25	28	-3	44,438	49,000	-4,562	4,562	0	4,562
Nov 21, 07	18	26	-8	33,794	45,959	-12,165	12,165	0	12,165
Nov 22, 07	32	39	-7	55,083	65,727	-10,644	10,644	0	10,644
Nov 23, 07	30	36	-6	52,041	61,165	-9,124	9,124	0	9,124
Nov 24, 07	26	27	-1	45,959	47,479	-1,521	1,521	0	1,521
Nov 25, 07	23	22	1	41,397	39,876	1,521	1,521	1,521	0
Nov 26, 07	30	24	6	52,041	42,917	9,124	9,124	9,124	0
Nov 27, 07	35	31	4	59,644	53,562	6,083	6,083	6,083	0
Nov 28, 07	31	27	4	53,562	47,479	6,083	6,083	6,083	0
Nov 29, 07	34	32	2	58,124	55,083	3,041	3,041	3,041	0
Nov 30, 07	47	47	0	83,751	83,751	0	0	0	0
Dec 1, 07	39	41	-2	70,797	74,035	-3,238	3,238	0	3,238
Dec 2, 07	38	40	-2	69,177	72,416	-3,238	3,238	0	3,238
Dec 3, 07	41	45	-4	74,035	80,512	-6,477	6,477	0	6,477
Dec 4, 07	40	42	-2	72,416	75,654	-3,238	3,238	0	3,238
Dec 5, 07	44	45	-1	78,893	80,512	-1,619	1,619	0	1,619
Dec 6, 07	38	41	-3	69,177	74,035	-4,858	4,858	0	4,858
Dec 7, 07	39	36	3	70,797	65,939	4,858	4,858	4,858	0
Dec 8, 07	42	38	4	75,654	69,177	6,477	6,477	6,477	0
Dec 9, 07	40	45	-5	72,416	80,512	-8,096	8,096	0	8,096
Dec 10, 07	34	32	2	62,700	59,462	3,238	3,238	3,238	0
Dec 11, 07	38	35	3	69,177	64,320	4,858	4,858	4,858	0
Dec 12, 07	43	45	-2	77,274	80,512	-3,238	3,238	0	3,238
Dec 13, 07	40	37	3	72,416	67,558	4,858	4,858	4,858	0
Dec 14, 07	50	49	1	88,608	86,989	1,619	1,619	1,619	0
Dec 15, 07	44	44	0	78,893	78,893	0	0	0	0
Dec 16, 07	50	49	1	88,608	86,989	1,619	1,619	1,619	0
Dec 17, 07	48	49	-1	85,370	86,989	-1,619	1,619	0	1,619
Dec 18, 07	38	38	0	69,177	69,177	0	0	0	0
Dec 19, 07	39	40	-1	70,797	72,416	-1,619	1,619	0	1,619
Dec 20, 07	46	46	0	82,131	82,131	0	0	0	0
Dec 21, 07	26	27	-1	65,939	67,558	-1,619	1,619	0	1,619
Dec 22, 07	28	27	1	52,985	51,366	1,619	1,619	1,619	0
Dec 23, 07	34	29	5	62,700	54,604	8,096	8,096	8,096	0
Dec 24, 07	39	35	4	70,797	64,320	6,477	6,477	6,477	0
Dec 25, 07	38	31	7	69,177	57,843	11,335	11,335	11,335	0
Dec 26, 07	36	32	4	65,939	59,462	6,477	6,477	6,477	0
Dec 27, 07	33	29	4	61,081	54,604	6,477	6,477	6,477	0
Dec 28, 07	36	28	8	65,939	52,985	12,954	12,954	12,954	0
Dec 29, 07	36	31	5	65,939	57,843	8,096	8,096	8,096	0
Dec 30, 07	37	38	-1	67,558	69,177	-1,619	1,619	0	1,619
Dec 31, 07	39	35	4	72,746	66,073	6,673	6,673	6,673	0
Jan 1, 08	45	54	-9	82,756	97,770	-15,014	15,014	0	15,014
Jan 2, 08	58	61	-3	104,443	109,448	-5,005	5,005	0	5,005
Jan 3, 08	41	43	-2	76,082	79,419	-3,337	3,337	0	3,337
Jan 4, 08	37	32	5	69,409	61,068	8,341	8,341	8,341	0
Jan 5, 08	29	33	-4	56,063	62,736	-6,673	6,673	0	6,673
Jan 6, 08	25	29	-4	49,390	56,063	-6,673	6,673	0	6,673
Jan 7, 08	18	15	3	37,712	32,708	5,005	5,005	5,005	0
Jan 8, 08	24	20	4	47,722	41,049	6,673	6,673	6,673	0
Jan 9, 08	29	27	2	56,063	52,727	3,337	3,337	3,337	0
Jan 10, 08	28	30	-2	54,395	57,732	-3,337	3,337	0	3,337
Jan 11, 08	32	31	1	61,068	59,400	1,668	1,668	1,668	0
Jan 12, 08	35	31	4	66,073	59,400	6,673	6,673	6,673	0
Jan 13, 08	39	40	-1	72,746	74,414	-1,668	1,668	0	1,668
Jan 14, 08	42	39	3	77,751	72,746	5,005	5,005	5,005	0
Jan 15, 08	41	43	-2	76,082	79,419	-3,337	3,337	0	3,337
Jan 16, 08	38	35	3	71,078	66,073	5,005	5,005	5,005	0
Jan 17, 08	38	33	5	71,078	62,736	8,341	8,341	8,341	0
Jan 18, 08	37	37	0	76,082	69,409	6,673	6,673	6,673	0
Jan 19, 08	50	49	1	91,097	89,429	1,668	1,668	1,668	0
Jan 20, 08	49	50	-1	89,429	91,097	-1,668	1,668	0	1,668
Jan 21, 08	43	34	9	79,419	64,405	15,014	15,014	15,014	0
Jan 22, 08	42	39	3	77,751	72,746	5,005	5,005	5,005	0
Jan 23, 08	48	46	2	87,760	84,424	3,337	3,337	3,337	0
Jan 24, 08	45	44	1	82,756	81,087	1,668	1,668	1,668	0
Jan 25, 08	43	39	4	79,419	72,746	6,673	6,673	6,673	0
Jan 26, 08	41	36	5	76,082	67,741	8,341	8,341	8,341	0
Jan 27, 08	37	36	1	69,409	67,741	1,668	1,668	1,668	0
Jan 28, 08	30	28	2	57,732	54,395	3,337	3,337	3,337	0
Jan 29, 08	36	35	1	67,741	66,073	1,668	1,668	1,668	0
Jan 30, 08	38	37	1	71,078	69,409	1,668	1,668	1,668	0
Jan 31, 08	34	31	3	64,154	59,440	4,715	4,715	4,715	0
Feb 1, 08	33	29	4	62,583	56,297	6,286	6,286	6,286	0
Feb 2, 08	33	32	1	62,583	61,011	1,572	1,572	1,572	0
Feb 3, 08	33	30	3	61,011	57,868	3,143	3,143	3,143	0
Feb 4, 08	32	31	1	61,011	59,440	1,572	1,572	1,572	0
Feb 5, 08	27	31	-4	53,154	59,440	-6,286	6,286	0	6,286
Feb 6, 08	34	32	2	64,154	61,011	3,143	3,143	3,143	0
Feb 7, 08	41	40	1	75,155	73,583	1,572	1,572	1,572	0
Feb 8, 08	40	39	1	73,583	72,012	1,572	1,572	1,572	0
Feb 9, 08	32	33	-1	61,011	62,583	-1,572	1,572	0	1,572
Feb 10, 08	41	44	-3	75,155	79,869	-4,715	4,715	0	4,715
Feb 11, 08	42	49	-7	76,726	87,727	-11,001	11,001	0	11,001

EnergyNorth Natural Gas Inc.  
d/b/a National Grid New Hampshire

Calculation of Supplier Balancing Charge

Estimated Daily Imbalances

Date	Forecasted MAN HDD	Actual MAN HDD	Forecaster Error MAN HDD	Forecasted Sendout (MMBtu)	Actual Sendout (MMBtu)	Sendout Error (MMBtu)	Abs.Value Sendout Error (MMBtu)	Injections (MMBtu)	Withdrawals (MMBtu)
Feb 12, 08	40	40	0	73,583	73,583	0	0	0	0
Feb 13, 08	38	33	5	70,440	62,583	7,858	7,858	7,858	0
Feb 14, 08	40	36	4	73,583	67,297	6,286	6,286	6,286	0
Feb 15, 08	40	37	3	73,583	68,869	4,715	4,715	4,715	0
Feb 16, 08	48	47	1	86,155	84,584	1,572	1,572	1,572	0
Feb 17, 08	31	28	3	59,440	54,725	4,715	4,715	4,715	0
Feb 18, 08	30	22	8	57,868	45,296	12,572	12,572	12,572	0
Feb 19, 08	36	36	0	67,297	67,297	0	0	0	0
Feb 20, 08	42	44	-2	76,726	79,869	-3,143	3,143	0	3,143
Feb 21, 08	44	44	0	79,869	79,869	0	0	0	0
Feb 22, 08	39	42	-3	72,012	76,726	-4,715	4,715	0	4,715
Feb 23, 08	39	41	-2	72,012	75,155	-3,143	3,143	0	3,143
Feb 24, 08	37	37	0	68,869	68,869	0	0	0	0
Feb 25, 08	35	31	4	65,726	59,440	6,286	6,286	6,286	0
Feb 26, 08	32	31	1	61,011	59,440	1,572	1,572	1,572	0
Feb 27, 08	38	40	-2	70,440	73,583	-3,143	3,143	0	3,143
Feb 28, 08	50	50	0	89,298	89,298	0	0	0	0
Feb 29, 08	42	44	-2	76,726	79,869	-3,143	3,143	0	3,143
Mar 1, 08	37	35	2	66,613	63,717	2,896	2,896	2,896	0
Mar 2, 08	38	39	-1	68,062	69,510	-1,448	1,448	0	1,448
Mar 3, 08	28	21	7	53,580	43,443	10,137	10,137	10,137	0
Mar 4, 08	29	26	3	55,028	50,684	4,345	4,345	4,345	0
Mar 5, 08	31	30	1	57,924	56,476	1,448	1,448	1,448	0
Mar 6, 08	31	31	0	57,924	57,924	0	0	0	0
Mar 7, 08	27	29	-2	52,132	55,028	-2,896	2,896	0	2,896
Mar 8, 08	30	29	1	56,476	55,028	1,448	1,448	1,448	0
Mar 9, 08	40	38	2	70,958	68,062	2,896	2,896	2,896	0
Mar 10, 08	39	39	0	69,510	69,510	0	0	0	0
Mar 11, 08	31	31	0	57,924	57,924	0	0	0	0
Mar 12, 08	34	33	1	62,269	60,821	1,448	1,448	1,448	0
Mar 13, 08	33	31	2	60,821	57,924	2,896	2,896	2,896	0
Mar 14, 08	26	26	0	50,684	50,684	0	0	0	0
Mar 15, 08	31	29	2	57,924	55,028	2,896	2,896	2,896	0
Mar 16, 08	33	31	2	60,821	57,924	2,896	2,896	2,896	0
Mar 17, 08	35	31	4	63,717	60,821	2,896	2,896	2,896	0
Mar 18, 08	29	28	1	55,028	53,580	1,448	1,448	1,448	0
Mar 19, 08	30	29	1	56,476	55,028	1,448	1,448	1,448	0
Mar 20, 08	30	30	0	56,476	56,476	0	0	0	0
Mar 21, 08	37	35	2	66,613	63,717	2,896	2,896	2,896	0
Mar 22, 08	35	32	3	63,717	59,373	4,345	4,345	4,345	0
Mar 23, 08	37	35	2	66,613	63,717	2,896	2,896	2,896	0
Mar 24, 08	36	31	5	65,165	57,924	7,241	7,241	7,241	0
Mar 25, 08	29	29	0	55,028	55,028	0	0	0	0
Mar 26, 08	26	22	4	50,684	44,891	5,793	5,793	5,793	0
Mar 27, 08	26	24	2	50,684	47,787	2,896	2,896	2,896	0
Mar 28, 08	33	33	0	60,821	60,821	0	0	0	0
Mar 29, 08	39	38	1	69,510	68,062	1,448	1,448	1,448	0
Mar 30, 08	32	30	2	59,373	56,476	2,896	2,896	2,896	0
Mar 31, 08	23	25	-2	46,339	49,235	-2,896	2,896	0	2,896
Apr 1, 08	14	14	0	27,008	27,008	0	0	0	0
Apr 2, 08	27	29	-2	45,232	48,036	-2,804	2,804	0	2,804
Apr 3, 08	22	23	-1	38,223	39,624	-1,402	1,402	0	1,402
Apr 4, 08	29	26	3	48,036	43,830	4,206	4,206	4,206	0
Apr 5, 08	25	22	3	42,428	38,223	4,206	4,206	4,206	0
Apr 6, 08	25	28	-3	42,428	46,634	-4,206	4,206	0	4,206
Apr 7, 08	24	27	-3	41,026	45,232	-4,206	4,206	0	4,206
Apr 8, 08	23	24	-1	39,624	41,026	-1,402	1,402	0	1,402
Apr 9, 08	16	13	3	29,812	25,606	4,206	4,206	4,206	0
Apr 10, 08	16	12	4	29,812	24,204	5,607	5,607	5,607	0
Apr 11, 08	23	20	3	39,624	35,419	4,206	4,206	4,206	0
Apr 12, 08	24	13	11	41,026	25,606	15,420	15,420	15,420	0
Apr 13, 08	23	24	-1	39,624	41,026	-1,402	1,402	0	1,402
Apr 14, 08	26	23	3	43,830	39,624	4,206	4,206	4,206	0
Apr 15, 08	21	19	2	36,821	34,017	2,804	2,804	2,804	0
Apr 16, 08	13	13	0	25,606	25,606	0	0	0	0
Apr 17, 08	12	11	1	24,204	22,802	1,402	1,402	1,402	0
Apr 18, 08	4	2	2	12,989	10,186	2,804	2,804	2,804	0
Apr 19, 08	13	10	3	25,606	21,400	4,206	4,206	4,206	0
Apr 20, 08	13	13	0	25,606	25,606	0	0	0	0
Apr 21, 08	11	9	2	22,802	19,999	2,804	2,804	2,804	0
Apr 22, 08	8	1	7	18,597	8,784	9,813	9,813	9,813	0
Apr 23, 08	0	0	0	7,382	7,382	0	0	0	0
Apr 24, 08	6	7	-1	15,793	17,195	-1,402	1,402	0	1,402
Apr 25, 08	10	10	0	21,400	21,400	0	0	0	0
Apr 26, 08	17	14	3	31,213	27,008	4,206	4,206	4,206	0
Apr 27, 08	16	18	-2	29,612	32,615	-2,804	2,804	0	2,804
Apr 28, 08	14	19	-5	27,008	34,017	-7,009	7,009	0	7,009
Apr 29, 08	20	22	-2	35,419	38,223	-2,804	2,804	0	2,804
Apr 30, 08	20	24	-4	35,419	41,026	-5,607	5,607	0	5,607
May	232	205	27	524,127	502,564	21,563	47,120	34,341	12,778
Jun	51	64	-13	321,086	326,077	-4,991	15,741	5,375	10,366
Jul	8	4	4	299,431	299,431	0	0	0	0
Aug	24	25	-1	299,422	299,422	0	0	0	0
Sep	80	99	-19	336,624	343,909	-7,285	16,488	4,601	11,887
Oct	296	295	1	566,083	566,155	938	59,081	30,009	29,072
Nov	814	806	8	1,430,461	1,418,296	12,165	136,858	89,058	62,346
Dec	1,231	1,201	30	2,230,318	2,181,741	48,577	129,539	105,100	50,481
Jan	1,181	1,148	33	2,208,413	2,153,360	55,053	155,148	67,575	50,048
Feb	1,090	1,073	17	2,023,906	1,997,191	26,716	108,434	69,513	40,859
Mar	995	952	43	1,844,895	1,782,623	62,272	76,754	70,092	7,241
Apr	515	490	25	943,411	908,365	35,046	105,138	35,046	35,046
Total	6,517	6,362	155	13,028,189	12,778,136	250,053	850,300	550,177	300,124
Datacheck	0	0	0	0	0	0	0	0	0

**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a National Grid NH**  
**Docket DE 98-124 Gas Restructuring**  
**Peaking Demand Rate**

Source:

1	Peak Day	145,100	Dekatherm	
2				
3	Pipeline MDQ			Attachment A: EnergyNorth Capacity Resources
4	PNGTS	1,000	Dekatherm	
5	TGP NET-NE 33371	4,000		
6	TGP FT-A (Z5-Z6) 2302	3,122		
7	TGP FT-A (Z0-Z6) 8587	7,035		
8	TGP FT-A (Z1-Z6) 8587	14,561		
9	TGP FT-A (Z6-Z6) 42076	20,000		
10		49,718	Dekatherm	
11				
12	Underground Storage MDQ			Attachment B: EnergyNorth Capacity Resources
13	TGP FT-A (Z4-Z6) 632	15,265	Dekatherm	
14	TGP FT-A (Z4-Z6) 8587	3,811		
15	TGP FT-A (Z4-Z6) 11234	7,082		
16	TGP FT-A (Z5-Z6) 11234	1,957		
17		28,115		
18				
19				
20	Peaking MDQ	67,267	Dekatherm	Line 1 - Line 10 - Line 18
21				
22				
23	Peaking Costs			
24	Gas Supply	\$1,699,133		Attachment B Line 11
25	Indirect Production & Storage Capacity	\$2,105,212		Attachment D: Order No. 23,675 (page 15), Docket DG 00-063,
26	Granite Ridge	\$240,000		Attachment B Line 1
27	Total	\$4,044,345		Sum Line 24 - 26
28				
29	Annual Peaking Rate per MDQ	\$60.12		Line 27 divided by Line 20
30				
31	Monthly Peaking MDQ	\$10.02	/Dekatherm	Line 29 divided by 6 month

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**ENERGY NORTH NATURAL GAS**

**Tennessee Allocations:**

Resource Type	High Load Factor	Low Load Factor
Pipeline	46.00%	33.00%
Storage	16.00%	20.00%
Peaking	38.00%	47.00%
TOTAL:	100.00%	100.00%

**Attachment A**

**Capacity Resources effective November 1, 2008:**

Resource	Pipeline Company	Rate Schedule	Contract #	Peak MDQ/ MDWQ	Storage MSQ	Rate \$/Dth/Month Demand	Storage Capacity	Termination Date	LDC Managed
<b>Pipeline</b>									
	ANE II*	Supply at Waddington		4,000		\$8.7824		10/31/2016	X
	Iroquois	RTS to Wright	470-01	4,047		\$6.5971		10/31/2011	
	TGP	NET-NE	33371	4,000		\$10.6100		10/31/2011	
	BP Canada Energy Co.**	Supply at Niagara		3,199		\$0.0000		3/31/2012	X
	TGP	FT-A (Z5-Z6)	2302	3,122		\$4.9300		10/31/2010	
	TGP	FT-A (Z0-Z6)	8587	7,035		\$16.5900		10/31/2010	
	TGP	FT-A (Z1-Z6)	8587	14,561		\$15.1500		10/31/2010	
	TGP	FT-A (Z6-Z6)	42076	20,000		\$3.1600		10/31/2010	
<b>Storage</b>									
	TGP	FS-MA (Storage)	523***	21,844	1,560,391	\$1.1500	\$0.0185	10/31/2010	
	TGP	FT-A (Z4-Z6)	632	15,265		\$5.8900		10/31/2010	
	TGP	FT-A (Z4-Z6)	8587	3,811		\$5.8900		10/31/2010	
	National Fuel	FSS-1 (Storage)	O02357***	6,098	670,800	\$2.1556	\$0.0432	3/31/2008	
	National Fuel	FST (Transport)	N02358	6,098		\$3.3612		3/31/2008	
	TGP	FT-A (Z4-Z6)	11234	6,150		\$5.8900		10/31/2010	
	Honeoye	SS-NY (Storage)	SS-NY***	1,957	245,280	\$4.4683	\$0.0000	4/1/2008	X
	TGP	FT-A (Z5-Z6)	11234	1,957		\$4.9300		10/31/2010	
	Dominion	GSS (Storage)	300076***	934	102,700	\$1.8780	\$0.0145	3/31/2011	
	TGP	FT-A (Z4-Z6)	11234	932		\$5.8900		10/31/2010	
<b>Peaking</b>									
	Energy North	LNG/Propane****		67,267	-	\$10.0200	\$0.0000		X

\* Volumes and Demand Charges are based on MMBtu at the border.

\*\*BP commodity price is based on Inside FERC at Niagara plus \$.01 per Dth.

\*\*\*All gas transferred for storage contracts will be based on LDC's monthly WACOG.

\*\*\*\*All commodity volumes nominated will be invoiced at LDC's WACOG + fuel retention. Demand charge applicable for 6 months.

**Note:** All capacity will be released at maximum tariff rates. Above rates are maximum tariff rates effective 11/01/08. Because rates can change, please refer to the applicable pipeline tariff for current rates.

Above capacity is for all customers in the Energy North Service territory with the exception of Berlin, NH. Any customers behind the Berlin citygate will be allocated 100% PNGTS capacity at a demand rate of \$27.4017/dth.

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**ENERGYNORTH NATURAL GAS, INC.**  
**d/b/a National Grid NH**  
**Docket 98-124 Gas Restructuring**  
**Peaking Demand Rate**  
**Peaking Costs**

	Volume	Rate	Monthly Cost	Months/Year	Annual Cost
1 <u>Granite Ridge - 30 days @ 15,000/dt</u>	15,000	1.3333	\$20,000.00	12	<u><b>\$240,000.00</b></u>
2					
3					
4 DOMAC FLS 164					
5 DOMAC FLS 160					
6 VPEM					
7 Transgas Trucking					
8 Subtotal					<u><b>\$1,699,133.36</b></u>
9					
10 <b>Total</b>					<b>\$1,939,133.36</b>

\* [Contract currently being negotiated for an effective date of November 1, 2008.](#)

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### III DELIVERY TERMS AND CONDITIONS

**NHPUC NO. 5 - GAS**  
**KEYSPAN ENERGY DELIVERY**

Proposed Eighth Revised Page 155  
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**ATTACHMENT F**

**CAPACITY ALLOCATORS**

<b>Rate Class</b>		<b>Pipeline</b>	<b>Storage</b>	<b>Peaking</b>	<b>Total</b>
G-41	Low Annual / High Winter Use	33.0%	20.0%	47.0%	100.0%
G-51	Low Annual / Low Winter Use	46.0%	16.0%	38.0%	100.0%
G-42	Medium Annual / High Winter	33.0%	20.0%	47.0%	100.0%
G-52	High Annual / Low Winter Use	46.0%	16.0%	38.0%	100.0%
G-43	High Annual / High Winter	33.0%	20.0%	47.0%	100.0%
G-53	High Annual / Load Factor < 90%	46.0%	16.0%	38.0%	100.0%
G-54	High Annual / Load Factor < 110%	46.0%	16.0%	38.0%	100.0%
G-63	High Annual / Load Factor > 110%	46.0%	16.0%	38.0%	100.0%

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**Energy North Natural Gas, Inc**  
**d/b/a National Grid NH**  
**Calculation of Capacity Allocators**  
**Docket No DE 98-124**

Capacity Assignment Table

			Pipeline	% of Peak Day Requirement		Total
				Storage	Peaking	
G-41	LAHW	Low Annual C&I - High Winter Use	33.0%	20.0%	47.0%	100.0%
G-51	LALW	Low Annual C&I - Low Winter Use	46.0%	16.0%	38.0%	100.0%
G-42	MAHW	Medium C&I - High Winter Use	33.0%	20.0%	47.0%	100.0%
G-52	MALW	Medium C&I - Low Winter Use	46.0%	16.0%	38.0%	100.0%
G-43	HAHW	High Annual C&I - High Winter Use	33.0%	20.0%	47.0%	100.0%
G-53	HALW90	High Annual C&I - LF < 90%	46.0%	16.0%	38.0%	100.0%
G-54	HALW110	High Annual C&I - LF < 110%	46.0%	16.0%	38.0%	100.0%
G-63	HALWG110	High Annual C&I - LF >110%	46.0%	16.0%	38.0%	100.0%

<b>HLF</b>	High Load Factor	46%	16%	38%	100%
<b>LLF</b>	Low Load Factor	33%	20%	47%	100%
	Total	35%	19%	46%	100%

Energy North Natural Gas, Inc  
d/b/a National Grid NH  
Calculation of Capacity Allocators  
Docket No DE 98-124

Allocation of Peak Day

Design Day Throughput Allocated to Rate Classes

Design DD		80		
		Base load	Heat load	Total
HLF	R-1 RNSH	182	589	771
LLF	R-3 RSH	3,933	64,643	68,576
LLF	G-41 SL	786	24,044	24,830
HLF	G-51 SH	624	2,255	2,880
LLF	G-42 ML	1,807	34,276	36,083
HLF	G-52 MH	1,187	3,254	4,441
LLF	G-43 LL	446	3,218	3,663
HLF	G-53 LLL90	255	1,361	1,616
HLF	G-54 LLL110	425	68	493
HLF	G-63 LLG110	51	1,696	1,748
TOTAL		9,696	135,404	145,100

HLF	2,725	9,223	11,948
LLF	6,971	126,181	133,152
Total	9,696	135,404	145,100

Allocate Class Design Day Throughput to Supply Sources

	Base		Sub-total	Storage	Peaking	Total
	Pipeline	Remaining Pipeline	Pipeline			
R-1 RNSH	182	174	356	122	293	771
R-3 RSH	3,933	19,107	23,040	13,422	32,114	68,576
G-41 SL	786	7,107	7,893	4,992	11,945	24,830
G-51 SH	624	667	1,291	468	1,120	2,880
G-42 ML	1,807	10,131	11,938	7,117	17,028	36,083
G-52 MH	1,187	962	2,148	676	1,617	4,441
G-43 LL	446	951	1,397	668	1,598	3,663
G-53 LLL90	255	402	658	283	676	1,616
G-54 LLL110	425	20	445	14	34	493
G-63 LLG110	51	501	553	352	843	1,748
TOTAL	9,696	40,022	49,718	28,115	67,267	145,100

HLF	2,725	2,726	5,451	1,915	4,582	11,948
LLF	6,971	37,296	44,267	26,200	62,685	133,152
Total	9,696	40,022	49,718	28,115	67,267	145,100

% of Peak Day Requirement

	Pipeline	Storage	Peaking	Total
R-1 RNSH	46.2%	15.9%	37.9%	100.0%
R-3 RSH	33.6%	19.6%	46.8%	100.0%
G-41 SL	31.8%	20.1%	48.1%	100.0%
G-51 SH	44.8%	16.3%	38.9%	100.0%
G-42 ML	33.1%	19.7%	47.2%	100.0%
G-52 MH	48.4%	15.2%	36.4%	100.0%
G-43 LL	38.1%	18.2%	43.6%	100.0%
G-53 LLL90	40.7%	17.5%	41.8%	100.0%
G-54 LLL110	90.3%	2.9%	6.8%	100.0%
G-63 LLG110	31.6%	20.2%	48.2%	100.0%
TOTAL	34.3%	19.4%	46.4%	100.0%

High Load Factor	46%	16%	38%	100%
Low Load Factor	33%	20%	47%	100%
Total	35%	19%	46%	100%

**Energy North Natural Gas, Inc  
d/b/a National Grid NH  
Calculation of Capacity Allocators  
Docket No DE 98-124**

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Allocate Design Day Sendout

**Calculate Design Day Throughput (BBTU)**

Design DD	80			
	Daily Baseload * 1000	February Heating Factor * 1000	Heat load (Heating Factor * Design DD)	Total
R-1 RNSH	182	6.534	523	705
R-3 RSH	3,933	717.273	57,382	61,315
G-41 SL	786	266.783	21,343	22,129
G-51 SH	624	25.026	2,002	2,626
G-42 ML	1,807	380.322	30,426	32,233
G-52 MH	1,187	36.107	2,889	4,075
G-43 LL	446	35.702	2,856	3,302
G-53 LLL90	255	15.098	1,208	1,463
G-54 LLL110	425	0.752	60	485
G-63 LLG110	51	18.822	1,506	1,557
<b>TOTAL</b>	<b>9,696</b>	<b>1,502.419</b>	<b>120,194</b>	<b>129,890</b>

HLF	2,725	102	8,187	10,912
LLF	6,971	1,400	112,006	118,978
<b>Total</b>	<b>9,696</b>	<b>1,502</b>	<b>120,194</b>	<b>129,890</b>

Design Day from 2008-2009 Resource Plan	<b>145,100</b>
Design Day from Billing Calculation	129,890
Variance	15,210

**Allocate Design Day Sendout to  
Rate Classes**

Baseload as % of Total Class Load	Heat Load as % of Total
26%	0.435%
6%	47.741%
4%	17.757%
24%	1.666%
6%	25.314%
29%	2.403%
13%	2.376%
17%	1.005%
88%	0.050%
3%	1.253%
	100.000%

Base Load	Heat Load	Total
182	589	771
3,933	64,643	68,576
786	24,044	24,830
624	2,255	2,880
1,807	34,276	36,083
1,187	3,254	4,441
446	3,218	3,663
255	1,361	1,616
425	68	493
51	1,696	1,748
<b>9,696</b>	<b>135,404</b>	<b>145,100</b>

7.275	6.534	0.74
789.745	717.273	72.47
292.165	266.783	25.38
29.339	25.026	4.31
385.503	380.322	5.18
36.876	36.107	0.77
41.787	35.702	6.08
8.367	15.098	(6.73)
0.928	0.752	0.18
-	11.884	(11.88)
1,591.984	1,495.481	

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Energy North Natural Gas, Inc  
d/b/a National Grid NH  
Calculation of Capacity Allocators  
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CALCULATION OF NORMAL SALES VOLUMES

Actual Volumes

Total Core Sales Volumes(000's) MMBTU

		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-07	Sep-07	Oct-07	Total	Monthly Baseload	Daily Baseload
															(Jul+Aug)/2	
HLF	R-1 RNSH	8	12	13	13	12	11	9	7	6	5	5	6	107	5.647	0.182
LLF	R-3 RSH	371	869	950	954	856	645	338	178	129	115	124	149	5,678	121.920	3.933
LLF	G-41 SL	101	282	341	336	312	211	90	41	25	23	26	34	1,821	24.367	0.786
HLF	G-51 SH	27	41	47	47	44	37	28	24	19	20	20	20	375	19.353	0.624
LLF	G-42 ML	188	428	509	498	464	340	172	97	59	53	60	75	2,944	56.012	1.807
HLF	G-52 MH	45	65	74	76	70	61	49	45	38	35	37	36	633	36.783	1.187
LLF	G-43 LL	18	28	59	54	53	59	47	35	19	9	8	17	406	13.815	0.446
HLF	G-53 LLL90	0	(0)	11	25	13	24	12	35	10	6	9	(4)	140	7.916	0.255
HLF	G-54 LLL110	3	2	(4)	13	6	7	(1)	13	(2)	2	2	2	42	12.745	0.425
HLF	G-63 LLG110	(7)	(8)	23	24	(31)	(9)	22	(7)	10	(7)	10	9	28	1.596	0.051
TOTAL		754	1,720	2,024	2,039	1,800	1,385	766	468	313	261	301	343	12,174	287.368	9.270
HLF		75	112	165	197	115	130	119	117	82	61	83	69	1,325	84.041	2.299
LLF		679	1,607	1,859	1,842	1,685	1,254	647	352	232	200	218	274	10,850	216.115	6.971

Baseload (= the lesser of actual volumes or the average of July and August volumes)

		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-07	Sep-07	Oct-07	Total		
		30	31	31	28	31	30	31	30	31	31	30	31	365		
HLF	R-1 RNSH	5	6	6	5	6	5	6	5	6	5	5	6	66		
LLF	R-3 RSH	118	122	122	110	122	118	122	118	129	115	118	122	1,436		
LLF	G-41 SL	24	24	24	22	24	24	24	24	25	23	24	24	287		
HLF	G-51 SH	19	19	19	17	19	19	19	19	19	20	19	19	228		
LLF	G-42 ML	54	56	56	51	56	54	56	54	59	53	54	56	659		
HLF	G-52 MH	36	37	37	33	37	36	37	36	38	35	36	36	433		
LLF	G-43 LL	13	14	14	12	14	13	14	13	19	9	8	14	163		
HLF	G-53 LLL90	0	(0)	8	7	8	8	8	8	10	6	8	(4)	93		
HLF	G-54 LLL110	3	2	(4)	12	6	7	(1)	13	(2)	2	2	2	42		
HLF	G-63 LLG110	(7)	(8)	2	1	(31)	(9)	2	(7)	10	(7)	2	2	19		
TOTAL		264	272	284	271	261	274	286	282	313	261	274	277	3,384		
HLF		55	55	67	76	45	65	70	73	82	61	70	61	881		
LLF		209	216	216	195	216	209	216	209	232	200	204	216	2,545		

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Energy North Natural Gas, Inc  
d/b/a National Grid NH  
Calculation of Capacity Allocators  
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Heating Volumes (= Actual Volumes - Baseload)

		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-07	Sep-07	Oct-07	Total
HLF	R-1 RNSH	3	7	7	8	6	5	3	2	0	0	0	0	41
LLF	R-3 RSH	253	747	828	844	734	527	216	60	0	0	6	27	4,242
LLF	G-41 SL	77	257	317	314	288	187	65	17	0	0	3	9	1,534
HLF	G-51 SH	8	22	28	29	25	18	9	5	0	0	1	1	147
LLF	G-42 ML	134	372	453	447	408	286	116	43	0	0	6	19	2,285
HLF	G-52 MH	10	28	37	42	33	26	13	9	0	0	2	0	200
LLF	G-43 LL	5	15	45	42	39	45	33	22	0	0	0	3	244
HLF	G-53 LLL90	0	0	3	18	5	16	4	28	0	0	1	0	47
HLF	G-54 LLL110	0	0	0	1	0	0	0	0	0	0	0	0	0
HLF	G-63 LLG110	0	0	22	22	0	0	20	0	0	0	9	7	9
	TOTAL	490	1,448	1,741	1,768	1,539	1,110	480	186	0	0	27	66	8,791

HLF	20	57	98	120	70	65	49	43	0	0	13	8	443
LLF	470	1,391	1,643	1,647	1,469	1,045	431	142	0	0	14	58	8,305

Actual BDD	588.0	1061.5	1240.5	1176.5	1082.0	778.5	405.5	161.0	21.5	16.0	70.5	217.5	6819.0
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Heat Factors

		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-07	Sep-07	Oct-07	Total
HLF	R-1 RNSH	0.0043	0.0063	0.0060	0.0065	0.0059	0.0068	0.0075	0.0094	0.0000	0.0000	0.0000	0.0004	
LLF	R-3 RSH	0.4308	0.7040	0.6678	0.7173	0.6787	0.6768	0.5320	0.3712	0.0000	0.0000	0.0860	0.1227	
LLF	G-41 SL	0.1311	0.2423	0.2554	0.2668	0.2657	0.2402	0.1608	0.1081	0.0000	0.0000	0.0402	0.0423	
HLF	G-51 SH	0.0139	0.0208	0.0223	0.0250	0.0230	0.0234	0.0223	0.0313	0.0000	0.0000	0.0155	0.0052	
LLF	G-42 ML	0.2282	0.3504	0.3650	0.3803	0.3772	0.3674	0.2872	0.2687	0.0000	0.0000	0.0792	0.0876	
HLF	G-52 MH	0.0164	0.0265	0.0302	0.0361	0.0309	0.0331	0.0311	0.0582	0.0000	0.0000	0.0238	0.0000	
LLF	G-43 LL	0.0085	0.0138	0.0363	0.0357	0.0361	0.0582	0.0823	0.1362	0.0000	0.0000	0.0000	0.0127	
HLF	G-53 LLL90	0.0000	0.0000	0.0027	0.0151	0.0046	0.0204	0.0092	0.1710	0.0000	0.0000	0.0170	0.0000	
HLF	G-54 LLL110	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
HLF	G-63 LLG110	0.0000	0.0000	0.0175	0.0188	0.0000	0.0000	0.0503	0.0000	0.0000	0.0000	0.1247	0.0325	
	TOTAL	0.8333	1.3642	1.4032	1.5024	1.4221	1.4264	1.1828	1.1542	0.0000	0.0000	0.3865	0.3033	

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**Energy North Natural Gas, Inc**  
**d/b/a National Grid NH**  
**Calculation of Capacity Allocators**  
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<b>Actual BillingDD</b>	588.0	1061.5	1240.5	1176.5	1082.0	778.5	405.5	161.0	21.5	16.0	70.5	217.5	6819.0
<b>Norm Billing DD</b>	645.7	975.4	1243.2	1235.9	1066.6	790.6	446.8	184.8	44.2	20.6	96.8	336.4	7086.8

Normal Volumes (= Heating Volumes \* Normal EDD/Actual EDD + Baseload)

		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-07	Sep-07	Oct-07	Total
HLF	R-1 RNSH	8	12	13	13	12	11	9	7	6	5	5	6	108
LLF	R-3 RSH	396	809	952	997	846	653	360	187	129	115	126	163	5,732
LLF	G-41 SL	108	261	342	352	308	213	96	44	25	23	27	39	1,838
HLF	G-51 SH	28	40	47	48	44	37	29	25	19	20	20	21	378
LLF	G-42 ML	202	398	510	521	458	345	184	104	59	53	62	85	2,980
HLF	G-52 MH	46	63	74	78	70	62	51	46	38	35	38	36	637
LLF	G-43 LL	19	27	59	57	52	59	51	39	19	9	8	18	416
HLF	G-53 LLL90	0	(0)	11	26	13	24	12	39	10	6	9	(4)	146
HLF	G-54 LLL110	3	2	(4)	13	6	7	(1)	13	(2)	2	2	2	42
HLF	G-63 LLG110	(7)	(8)	23	25	(31)	(9)	24	(7)	10	(7)	14	13	38
	<b>TOTAL</b>	802	1,602	2,028	2,128	1,778	1,402	815	495	313	261	312	379	12,316

<b>HLF</b>	77	108	165	203	114	131	124	123	82	61	88	74	1,349
<b>LLF</b>	725	1,494	1,863	1,926	1,664	1,271	691	373	232	200	224	305	10,967

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ENERGY NORTH NATURAL GAS, INC.  
d/b/a National Grid NH  
Peak 2008 - 2009 Winter Cost of Gas Filing  
Fixed Price Option

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		Participation	Premium	FPO Volumes	Premium Revenue	FPO Rate	Residential Average COG Rate	Residential Total Bill FPO Rate	Residential Total Bill COG Rate	Difference	% Difference	FPO Rate	C&I Average COG Rate	C&I Total Bill FPO Rate	C&I Total Bill COG Rate	Difference	% Difference
1	Nov 98 - Mar 99	6%				\$0.3927	\$0.3722	\$ 943.37	\$ 926.93	\$ 16.44	1.77%	\$0.3927	\$0.3736	\$ 1,570.86	\$ 1,546.08	\$ 24.79	1.60%
2	Nov 99 - Mar 00	9%				\$0.4724	\$0.4628	\$ 679.85	\$ 672.22	\$ 7.63	1.13%	\$0.4724	\$0.4636	\$ 1,161.81	\$ 1,149.15	\$ 12.67	1.10%
3	Nov 00 - Mar 01	20%				\$0.6408	\$0.7656	\$ 816.25	\$ 916.09	\$ (99.84)	-10.90%	\$0.6408	\$0.7189	\$ 1,376.64	\$ 1,533.43	\$ (156.79)	-10.22%
4	Nov 01 - Apr 02	24%				\$0.5141	\$0.4818	\$ 790.65	\$ 760.55	\$ 30.10	3.96%	\$0.5238	\$0.4928	\$ 1,301.07	\$ 1,256.88	\$ 44.19	3.52%
5	Nov 02 - Apr 03	24%	\$0.0051	25,107,016	\$ 128,046	\$0.5553	\$0.5758	\$ 821.32	\$ 840.44	\$ (19.11)	-2.27%	\$0.5658	\$0.5860	\$ 1,344.02	\$ 1,372.86	\$ (28.84)	-2.10%
6	Nov 03 - Apr 04	23%	\$0.0219	25,220,575	\$ 552,331	\$0.8597	\$0.8220	\$ 1,115.55	\$ 1,080.46	\$ 35.09	3.25%	\$0.8759	\$0.8352	\$ 1,798.38	\$ 1,740.30	\$ 58.08	3.34%
7	Nov 04 - Apr 05	30%	\$0.0100	27,378,128	\$ 273,781	\$0.8925	\$0.9425	\$ 1,142.96	\$ 1,189.55	\$ (46.60)	-3.92%	\$0.9092	\$0.9562	\$ 1,844.75	\$ 1,911.86	\$ (67.10)	-3.51%
8	Nov 05 - Apr 06	30%	\$0.0200	25,944,091	\$ 518,882	\$1.2951	\$1.1342	\$ 1,526.01	\$ 1,376.01	\$ 150.00	10.90%	\$1.3192	\$1.1686	\$ 2,450.66	\$ 2,235.77	\$ 214.89	9.61%
9	Nov 06 - Apr 07	15%	\$0.0200	13,135,684	\$ 262,714	\$1.2664	\$1.1656	\$ 1,509.79	\$ 1,415.80	\$ 93.99	6.64%	\$1.2666	\$1.1647	\$ 2,321.15	\$ 2,175.70	\$ 145.45	6.68%
10	Nov 07 - Apr 08	16%	\$0.0200	14,078,553	\$ 281,571	\$1.2043	\$1.1746	\$1,433.09	\$1,405.40	\$ 27.69	1.97%	\$1.2044	\$1.1725	\$ 2,232.39	\$2,186.92	\$ 45.47	2.08%
11	Nov 08 - Apr 09 1/					\$1.2835	\$1.1837	\$1,555.31	\$1,462.30	\$ 93.01	6.36%	\$1.2836	\$1.1839	\$2,405.48	\$2,263.21	\$ 142.27	6.29%
12																	
13	Total									\$ 288.39						\$ 435.07	

1/ The total bill calculation reflects the increase in base distribution rates as approved in Order No. 24,888 in DG 08-009.

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**ENERGY NORTH NATURAL GAS, INC.**  
**d/b/a National Grid NH**  
**Peak 2008 - 2009 Winter Cost of Gas Filing**  
**Short Term Debt Limitations**

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	<b>For Purposes of Fuel Financing</b>
Total Direct Gas Costs	\$ 105,829,840
Total Indirect Gas Costs	<u>3,038,592</u>
Total Gas Costs	\$ 108,868,432
% of Debt to Total Gas Costs	30%
Short Term Debt	<b>\$ 32,660,530</b>

	<b>For Purposes Other Than Fuel Financing</b>
12/1/09 Projected Net Plant	\$ 238,900,000
% of Debt to Net Plant	20%
Short Term Debt	\$ 47,780,000

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