

1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filling
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Residential Heating Rate R-3
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 7 November 1, 2011 - April 30, 2012
 8 Residential Heating (R3)

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
9 Typical Usage (Therms)	109	150	187	188	166	132	932
10 07/01/2011 04/01/2011							
11 Winter:							
12 CusL Chg \$17.33 \$17.16	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$103.98
13 Headblock \$0.2741 \$0.2714	\$27.41	\$27.41	\$27.41	\$27.41	\$27.41	\$27.41	\$164.46
14 Tailblock \$0.2265 \$0.2243	\$2.04	\$11.33	\$19.71	\$19.93	\$14.95	\$7.25	\$75.20
15 HB Threshold 100 100							
16 Summer:							
17 CusL Chg \$17.33 \$17.16	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$103.64
18 Headblock \$0.2741 \$0.2714	\$27.41	\$27.41	\$27.41	\$27.41	\$27.41	\$27.41	\$32.78
19 Tailblock \$0.2265 \$0.2243	\$2.04	\$11.33	\$19.71	\$19.93	\$14.95	\$7.25	\$44.62
20 HB Threshold 20 20							
21 Total Base Rate Amount	\$46.78	\$56.07	\$64.45	\$64.67	\$59.69	\$51.99	\$343.64
22 CGA Rate - (Seasonal)	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926
23 CGA amount	\$86.39	\$118.89	\$148.22	\$149.01	\$131.57	\$104.62	\$738.70
24 LDAC	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	0.0694
25 LDAC amount	\$7.56	\$10.40	\$12.97	\$13.04	\$11.51	\$9.16	\$64.64
26 Total Bill	\$140.73	\$185.36	\$225.63	\$226.72	\$202.77	\$165.77	\$1,146.98

May 1, 2011 - October 31, 2011

May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
90	55	30	30	42	71	318	1,250
\$17.16	\$17.16	\$17.33	\$17.33	\$17.33	\$17.33	\$103.64	\$207.62
\$5.43	\$5.43	\$5.48	\$5.48	\$5.48	\$5.48	\$32.78	\$197.24
\$15.70	\$7.85	\$2.27	\$2.27	\$4.98	\$11.55	\$44.62	\$119.81
\$38.29	\$30.44	\$25.08	\$25.08	\$27.80	\$34.36	\$181.04	\$524.68
\$0.7326	\$0.7429	\$0.7612	\$0.7884	\$0.7581	\$0.7585	\$0.7515	\$0.7821
\$65.93	\$40.85	\$22.84	\$23.65	\$31.84	\$53.85	\$238.98	\$977.68
\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693
\$6.24	\$3.81	\$2.08	\$2.08	\$2.91	\$4.92	\$22.04	\$66.68
\$110.46	\$75.11	\$49.99	\$50.81	\$62.55	\$93.14	\$442.05	\$1,589.03

36 Residential Heating (R3)

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
37 Typical Usage (Therms)	109	150	187	188	166	132	932
38 07/01/2010 06/01/2010							
39 Winter:							
40 CusL Chg \$15.78 \$15.62	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$17.16	\$96.06
41 Headblock \$0.2774 \$0.2747	27.74	27.74	27.74	27.74	27.74	27.14	\$165.84
42 Tailblock \$0.2091 \$0.2070	\$1.88	\$10.46	\$18.19	\$18.40	\$13.60	\$7.18	\$69.91
43 HB Threshold 100 100							
44 Summer:							
45 CusL Chg \$15.78 \$15.62	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$92.77
46 Headblock \$0.2774 \$0.2747	27.74	27.74	27.74	27.74	27.74	27.14	\$32.62
47 Tailblock \$0.2091 \$0.2070	\$1.88	\$10.46	\$18.19	\$18.40	\$13.60	\$7.18	\$39.70
48 HB Threshold 20 20							
49 Total Base Rate Amount	\$45.40	\$53.98	\$61.71	\$61.92	\$57.32	\$51.48	\$331.81
50 CGA Rate - (Seasonal)	\$0.8220	\$0.7659	\$0.7890	\$0.8098	\$0.8348	\$0.7990	\$0.8029
51 CGA amount	\$89.60	\$114.88	\$147.54	\$152.24	\$138.57	\$105.47	\$748.29
52 LDAC	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	0.0641
53 LDAC amount	\$6.99	\$9.62	\$11.99	\$12.05	\$10.64	\$8.46	\$59.74
54 Total Bill	\$141.99	\$178.47	\$221.24	\$226.21	\$206.53	\$165.41	\$1,139.84

May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
90	55	30	30	42	71	318	1,250
\$14.03	\$15.62	\$15.78	\$15.78	\$15.78	\$15.78	\$92.77	\$188.83
\$4.93	\$5.49	\$5.55	\$5.55	\$5.55	\$5.55	\$32.62	\$198.46
\$13.01	\$7.25	\$2.09	\$2.09	\$4.60	\$10.66	\$39.70	\$109.61
\$31.98	\$28.36	\$23.42	\$23.42	\$25.93	\$31.99	\$165.09	\$496.90
\$0.7209	\$0.7125	\$0.7937	\$0.7302	\$0.7545	\$0.7084	\$0.7288	\$0.7841
\$64.88	\$39.19	\$23.81	\$21.91	\$31.69	\$50.30	\$231.77	\$980.07
\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0581
\$3.64	\$2.22	\$1.21	\$1.21	\$1.70	\$2.87	\$12.85	\$72.59
\$100.40	\$69.77	\$48.44	\$46.54	\$59.31	\$85.16	\$409.71	\$1,549.56

63 DIFFERENCE:

64 Total Bill	(\$1.26)	\$6.89	\$4.39	\$0.51	(\$3.76)	\$0.36	\$7.14
65 % Change	-0.88%	3.86%	1.99%	0.23%	-1.82%	0.22%	0.63%
66 Base Rate	\$1.38	\$2.09	\$2.73	\$2.75	\$2.37	\$0.51	\$11.83
67 % Change	3.03%	3.87%	4.43%	4.44%	4.13%	0.99%	3.57%
68 CGA & LDAC	(\$2.63)	\$4.80	\$1.66	(\$2.24)	(\$6.13)	(\$0.15)	(\$4.69)
69 % Change	-2.94%	4.17%	1.13%	-1.47%	-4.42%	-0.14%	-0.63%
70 check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

\$9.97	\$5.34	\$1.55	\$4.27	\$3.23	\$7.98	\$32.34	\$39.48
9.92%	7.66%	3.20%	9.18%	5.45%	9.37%	7.89%	2.55%
\$6.31	\$2.08	\$1.66	\$1.66	\$1.87	\$2.37	\$15.95	\$27.78
19.74%	7.33%	7.08%	7.08%	7.20%	7.41%	9.66%	5.59%
\$3.65	\$3.26	(\$0.11)	\$2.61	\$1.37	\$5.61	\$16.39	\$11.70
5.63%	8.32%	-0.45%	11.93%	4.31%	11.15%	7.07%	1.19%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-41
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 7 November 1, 2011 - April 30, 2012
 8 Commercial Rate (G-41)

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
9 Typical Usage (Therms)	193	269	298	262	234	171	1,427
10 Winter: 07/01/2011 04/01/2011							
11 Cust. Chg \$40.77 \$40.37	\$40.77	\$40.77	\$40.77	\$40.77	\$40.77	\$40.77	\$244.62
12 Headblock \$0.3254 \$0.3222	\$32.54	\$32.54	\$32.54	\$32.54	\$32.54	\$32.54	\$195.24
13 Tailblock \$0.2116 \$0.2095	\$19.68	\$35.76	\$41.90	\$34.28	\$28.35	\$15.02	\$174.99
14 HB Threshold 100 100							
15 Summer:							
16 Cust. Chg \$40.77 \$40.37							
17 Headblock \$0.3254 \$0.3222							
18 Tailblock \$0.2116 \$0.2095							
19 HB Threshold 20 20							
20 Total Base Rate Amount	\$92.99	\$109.07	\$115.21	\$107.59	\$101.66	\$88.33	\$614.85
21 CGA Rate - (Seasonal)	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929
22 CGA amount	\$153.03	\$213.29	\$236.28	\$207.74	\$185.54	\$135.59	\$1,131.47
23 LDAC	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	0.0370
24 LDAC amount	\$7.13	\$9.94	\$11.01	\$9.68	\$6.65	\$6.32	\$52.74
25 Total Bill	\$253.15	\$332.30	\$362.50	\$325.01	\$295.85	\$230.24	\$1,799.06

35 November 1, 2011 - April 30, 2012
 36 Commercial Rate (G-41)

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
37 Typical Usage (Therms)	193	269	298	262	234	171	1,427
38 Winter: 07/01/2010 06/01/2010							
39 Cust. Chg \$39.45	\$39.45	\$39.45	\$39.45	\$39.45	\$39.45	\$40.37	\$237.62
40 Headblock \$0.3344	33.44	33.44	33.44	33.44	33.44	32.22	\$199.42
41 Tailblock \$0.2175	\$20.23	\$36.76	\$43.07	\$35.24	\$29.15	\$14.87	\$179.30
42 HB Threshold 100							
43 Summer:							
44 Cust. Chg \$39.45 \$39.07							
45 Headblock \$0.3344 \$0.3312							
46 Tailblock \$0.2175 \$0.2154							
47 HB Threshold 20 20							
48 Total Base Rate Amount	\$83.12	\$109.65	\$115.96	\$108.13	\$102.04	\$87.46	\$616.34
49 CGA Rate - (Seasonal) 08/01/2009 \$35.08	\$0.8234	\$0.7673	\$0.7904	\$0.8112	\$0.8362	\$0.8004	\$0.8030
50 CGA amount \$0.2974	\$158.92	\$206.40	\$235.53	\$212.53	\$195.66	\$136.87	\$1,145.90
51 LDAC \$0.1934	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
52 LDAC amount 20	\$8.14	\$11.35	\$12.58	\$11.06	\$9.87	\$7.22	\$60.22
53 Total Bill	\$260.18	\$327.40	\$364.06	\$331.71	\$307.57	\$231.55	\$1,822.47

63 DIFFERENCE:

64 Total Bill	(\$7.03)	\$4.90	(\$1.56)	(\$6.70)	(\$11.72)	(\$1.31)	(\$23.41)
65 % Change	-2.70%	1.50%	-0.43%	-2.02%	-3.81%	-0.57%	-1.28%
66 Base Rate	(\$0.13)	(\$0.58)	(\$0.75)	(\$0.54)	(\$0.37)	\$0.87	(\$1.49)
67 % Change	-0.14%	-0.53%	-0.65%	-0.50%	-0.36%	0.99%	-0.24%
68 CGA & LDAC	(\$6.90)	\$5.48	(\$0.81)	(\$6.16)	(\$11.35)	(\$2.18)	(\$21.92)
69 % Change	-4.34%	2.66%	-0.34%	-2.90%	-5.80%	-1.59%	-1.91%
70 check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
117	81	72	72	89	142	573	2,000
\$40.37	\$40.37	\$40.77	\$40.77	\$40.77	\$40.77	\$243.82	\$488.44
\$6.44	\$6.44	\$6.51	\$6.51	\$6.51	\$6.51	\$38.92	\$234.16
\$20.32	\$12.78	\$11.00	\$11.00	\$14.60	\$25.82	\$95.52	\$270.52
\$67.14	\$59.59	\$58.28	\$58.28	\$61.88	\$73.09	\$378.26	\$993.12
\$0.7365	\$0.7468	\$0.7651	\$0.7923	\$0.7620	\$0.7624	\$0.7589	\$0.7832
\$86.17	\$60.49	\$55.09	\$57.05	\$67.82	\$108.26	\$434.87	\$1,566.34
\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0399
\$5.55	\$3.84	\$3.41	\$3.41	\$4.22	\$6.73	\$27.16	\$79.90
\$158.85	\$123.92	\$116.78	\$118.74	\$133.92	\$188.08	\$840.30	\$2,639.35

May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
117	81	72	72	89	142	573	2,000
\$35.08	\$39.07	\$39.45	\$39.45	\$39.45	\$39.45	\$231.95	\$469.57
\$6.78	\$6.62	\$6.69	\$6.69	\$6.69	\$6.69	\$40.16	\$239.58
\$18.76	\$13.14	\$11.31	\$11.31	\$15.01	\$26.54	\$96.06	\$275.37
\$60.62	\$58.83	\$57.45	\$57.45	\$61.15	\$72.67	\$368.17	\$984.52
\$0.7212	\$0.7128	\$0.7940	\$0.7305	\$0.7548	\$0.7087	\$0.7324	\$0.7828
\$84.38	\$57.74	\$57.17	\$52.60	\$67.18	\$100.64	\$419.69	\$1,565.60
\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0357
\$2.27	\$1.57	\$1.40	\$1.40	\$1.73	\$2.75	\$11.12	\$71.34
\$147.27	\$118.14	\$116.01	\$111.44	\$130.05	\$176.06	\$798.98	\$2,621.45

\$11.58	\$5.78	\$0.77	\$7.30	\$3.87	\$12.02	\$41.31	\$17.90
7.66%	4.89%	0.66%	6.55%	2.97%	6.83%	5.17%	0.68%
\$6.51	\$0.76	\$0.83	\$0.83	\$0.73	\$0.42	\$10.09	\$8.60
10.74%	1.29%	1.45%	1.45%	1.20%	0.58%	2.74%	0.87%
\$5.07	\$5.02	(\$0.06)	\$6.47	\$3.13	\$11.60	\$31.22	\$9.30
6.00%	8.70%	-0.11%	12.29%	4.68%	11.53%	7.44%	0.59%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filling
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-42

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 7 November 1, 2011 - April 30, 2012
 8 C&I High Winter Use Medium G-42

			Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
11 Typical Usage (Therms)			1,553	2,578	3,265	4,103	3,402	2,473	17,374
12	07/01/2011	04/01/2011							
13 Winter:									
14 Cust. Chg	\$122.32	\$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$733.92
15 Headblock	\$0.3041	\$0.3011	\$304.10	\$304.10	\$304.10	\$304.10	\$304.10	\$304.10	\$1,824.60
16 Tailblock	\$0.2009	\$0.1989	\$111.10	\$317.02	\$455.04	\$623.39	\$482.56	\$295.93	\$2,285.04
17 HB Threshold	1,000	1,000							
18									
19 Summer:									
20 Cust. Chg	\$122.32	\$121.11							
21 Headblock	\$0.3041	\$0.3011							
22 Tailblock	\$0.2009	\$0.1989							
23 HB Threshold	400	400							
24									
25 Total Base Rate Amount			\$537.52	\$743.44	\$881.46	\$1,049.81	\$908.98	\$722.35	\$4,843.56
26									
27 CGA Rate - (Seasonal)			\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929
28 CGA amount			\$1,231.37	\$2,044.10	\$2,588.82	\$3,253.27	\$2,697.45	\$1,960.84	\$13,775.84
29									
30 LDAC			\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	0.0370
31 LDAC amount			\$57.39	\$95.27	\$120.66	\$151.63	\$125.73	\$91.39	\$642.08
32									
33 Total Bill			\$1,826.29	\$2,882.81	\$3,590.94	\$4,454.71	\$3,732.15	\$2,774.58	\$19,261.49

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 35 November 1, 2011 - April 30, 2012
 36 C&I High Winter Use Medium G-42

			Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
39 Typical Usage (Therms)			1,553	2,578	3,265	4,103	3,402	2,473	17,374
40	07/01/2010	06/01/2010							
41 Winter:									
42 Cust. Chg	\$112.73		\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11	\$684.76
43 Headblock	\$0.2971		297.10	297.10	297.10	297.10	297.10	301.10	\$1,796.60
44 Tailblock	\$0.1962		\$108.50	\$309.60	\$444.39	\$608.81	\$471.27	\$292.98	\$2,235.56
45 HB Threshold	1,000								
46									
47 Summer:									
48 Cust. Chg	\$112.73	\$111.63							
49 Headblock	\$0.2971	\$0.2942							
50 Tailblock	\$0.1962	\$0.1943							
51 HB Threshold	400	400							
52									
53 Total Base Rate Amount			\$518.33	\$719.43	\$854.22	\$1,018.64	\$881.10	\$715.19	\$4,706.92
54									
55 CGA Rate - (Seasonal)		08/01/2009	\$0.8234	\$0.7673	\$0.7904	\$0.8112	\$0.8362	\$0.8004	\$0.8052
56 CGA amount			\$1,278.74	\$1,978.05	\$2,580.58	\$3,328.25	\$2,844.61	\$1,979.39	\$13,989.62
57									
58 LDAC			\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
59 LDAC amount			\$65.54	\$108.79	\$137.78	\$173.15	\$143.56	\$104.36	\$733.18
60									
61 Total Bill			\$1,862.61	\$2,806.28	\$3,572.59	\$4,520.03	\$3,869.27	\$2,798.94	\$19,429.72

62 DIFFERENCE:

64 Total Bill			(\$36.32)	\$76.53	\$18.35	(\$65.32)	(\$137.12)	(\$24.36)	(\$168.23)
65 % Change			-1.95%	2.73%	0.51%	-1.45%	-3.54%	-0.87%	-0.87%
66									
67 Base Rate			\$19.19	\$24.01	\$27.24	\$31.17	\$27.88	\$7.16	\$136.64
68 % Change			3.70%	3.34%	3.19%	3.06%	3.16%	1.00%	2.90%
69									
70 CGA & LDAC			(\$55.51)	\$52.53	(\$8.88)	(\$96.49)	(\$165.00)	(\$31.51)	(\$304.87)
71 % Change			-4.34%	2.66%	-0.34%	-2.90%	-5.80%	-1.59%	-2.18%
check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
	1,258	701	414	213	364	699	3,649	21,023
	\$121.11	\$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$731.50	\$1,465.42
	\$120.44	\$120.44	\$121.64	\$64.77	\$110.69	\$121.64	\$659.63	\$2,484.23
	\$170.66	\$59.87	\$2.81	\$0.00	\$0.00	\$60.07	\$293.41	\$2,578.44
	\$412.21	\$301.42	\$246.77	\$187.09	\$233.01	\$304.03	\$1,684.53	\$6,528.09
	\$0.7365	\$0.7468	\$0.7651	\$0.7923	\$0.7620	\$0.7624	\$0.7525	\$0.7859
	\$926.52	\$523.51	\$316.75	\$168.76	\$277.37	\$532.92	\$2,745.82	\$16,521.67
	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0388
	\$59.63	\$33.23	\$19.62	\$10.10	\$17.25	\$33.13	\$172.96	\$815.05
	\$1,398.35	\$858.15	\$583.15	\$365.95	\$527.63	\$870.08	\$4,603.32	\$23,864.80

	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
	1,258	701	414	213	364	699	3,649	21,023
	\$100.24	\$111.63	\$112.73	\$112.73	\$112.73	\$112.73	\$662.79	\$1,347.55
	\$105.68	\$117.68	\$118.84	\$63.28	\$108.14	\$118.84	\$632.47	\$2,419.07
	\$149.72	\$58.48	\$2.75	\$0.00	\$0.00	\$58.66	\$269.62	\$2,505.17
	\$355.64	\$287.79	\$234.32	\$176.01	\$220.87	\$290.23	\$1,564.87	\$6,271.79
	\$0.7212	\$0.7128	\$0.7940	\$0.7305	\$0.7548	\$0.7087	\$0.7293	\$0.7920
	\$907.27	\$499.67	\$328.72	\$155.60	\$274.75	\$495.38	\$2,661.38	\$16,651.00
	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0382
	\$24.41	\$13.60	\$8.03	\$4.13	\$7.06	\$13.56	\$70.79	\$803.97
	\$1,287.32	\$801.07	\$571.06	\$335.74	\$502.68	\$799.18	\$4,297.05	\$23,726.76

	\$111.04	\$57.09	\$12.08	\$30.21	\$24.95	\$70.90	\$306.27	\$138.04
	8.63%	7.13%	2.12%	9.00%	4.96%	8.87%	7.13%	0.58%
	\$56.57	\$13.62	\$12.46	\$11.08	\$12.14	\$13.80	\$119.66	\$256.30
	15.91%	4.73%	5.32%	6.30%	5.50%	4.75%	7.65%	4.09%
	\$54.47	\$43.46	(\$0.37)	\$19.13	\$12.81	\$57.11	\$186.61	(\$118.26)
	6.00%	8.70%	-0.11%	12.29%	4.66%	11.53%	7.01%	-0.71%
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
2 d/b/a National Grid NH
3 Peak 2011 - 2012 Winter Cost of Gas Filing
4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-52

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6
7 November 1, 2011 - April 30, 2012
8 Commercial Rate (G-52)

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
Typical Usage (Therms)	1,722	2,086	2,330	2,333	2,291	1,872	12,634
Winter: 07/01/2011 04/01/2011							
Cust. Chg	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$733.92
Headblock	\$0.1684	\$0.1667	\$168.40	\$168.40	\$168.40	\$168.40	\$1,010.40
Tailblock	\$0.1143	\$0.1131	\$82.52	\$124.13	\$152.02	\$152.36	\$99.67
HB Threshold	1,000	1,000					
Summer:							
Cust. Chg	\$122.32	\$121.11					
Headblock	\$0.1237	\$0.1225					
Tailblock	\$0.0713	\$0.0705					
HB Threshold	1,000	1,000					
Total Base Rate Amount	\$373.24	\$414.85	\$442.74	\$443.08	\$438.28	\$390.39	\$2,502.59
CGA Rate - (Seasonal)	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911
CGA amount	\$1,362.27	\$1,650.23	\$1,843.26	\$1,845.64	\$1,812.41	\$1,480.94	\$9,994.76
LDAC	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	0.0370
LDAC amount	\$63.64	\$77.09	\$86.11	\$86.22	\$84.67	\$69.18	\$466.91
Total Bill	\$1,799.16	\$2,142.18	\$2,372.11	\$2,374.94	\$2,335.36	\$1,940.51	\$12,964.25

35 November 1, 2011 - April 30, 2012
36 Commercial Rate (G-52)

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
Typical Usage (Therms)	1,722	2,086	2,330	2,333	2,291	1,872	12,634
Winter: 07/01/2010 06/01/2010							
Cust. Chg	\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11	\$684.76
Headblock	\$0.1692	\$0.1692	\$169.20	\$169.20	\$169.20	\$166.70	\$1,012.70
Tailblock	\$0.1148	\$0.1148	\$82.89	\$124.67	\$152.68	\$153.03	\$98.62
HB Threshold	1,000	1,000					
Summer:							
Cust. Chg	\$112.73	\$111.63					
Headblock	\$0.1244	\$0.1232					
Tailblock	\$0.0716	\$0.0709					
HB Threshold	1,000	1,000					
Total Base Rate Amount	\$364.82	\$406.60	\$434.61	\$434.96	\$430.14	\$386.43	\$2,457.56
CGA Rate - (Seasonal)	\$0.8186	\$0.7625	\$0.7856	\$0.8064	\$0.8314	\$0.7956	\$0.7999
CGA amount	\$1,409.63	\$1,590.54	\$1,830.40	\$1,881.27	\$1,904.64	\$1,489.36	\$10,105.84
LDAC	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
LDAC amount	\$72.67	\$88.03	\$98.33	\$98.45	\$96.68	\$79.00	\$533.15
Total Bill	\$1,847.11	\$2,085.17	\$2,363.34	\$2,414.68	\$2,431.46	\$1,954.79	\$13,096.55

63 DIFFERENCE:

Total Bill	(\$47.96)	\$57.01	\$8.78	(\$39.74)	(\$96.10)	(\$14.28)	(\$132.30)
% Change	-2.60%	2.73%	0.37%	-1.65%	-3.95%	-0.73%	-1.01%
Base Rate	\$8.43	\$8.25	\$8.13	\$8.12	\$8.14	\$3.96	\$45.03
% Change	2.31%	2.03%	1.87%	1.87%	1.89%	1.02%	1.83%
CGA & LDAC	(\$56.38)	\$48.78	\$0.65	(\$47.87)	(\$104.24)	(\$18.24)	(\$177.32)
% Change	-4.00%	3.07%	0.04%	-2.54%	-5.47%	-1.22%	-1.75%
check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
\$121.11	\$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$731.50	\$1,465.42
\$122.50	\$122.50	\$123.70	\$123.70	\$123.70	\$123.70	\$739.80	\$1,750.20
\$35.96	\$26.37	\$17.61	\$13.55	\$14.97	\$23.10	\$131.55	\$889.82
\$279.57	\$269.96	\$263.63	\$259.57	\$260.99	\$269.12	\$1,602.85	\$4,105.44
\$0.7256	\$0.7359	\$0.7542	\$0.7814	\$0.7511	\$0.7515	\$0.7487	\$0.7748
\$1,095.66	\$1,011.13	\$940.49	\$929.67	\$908.83	\$994.99	\$5,880.95	\$15,875.71
\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0410
\$71.57	\$65.13	\$59.11	\$56.41	\$57.35	\$62.76	\$372.33	\$839.24
\$1,446.80	\$1,346.23	\$1,263.23	\$1,245.84	\$1,227.18	\$1,326.86	\$7,856.13	\$20,820.39

May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
\$100.24	\$111.63	\$112.73	\$112.73	\$112.73	\$112.73	\$662.79	\$1,347.55
\$110.60	\$123.20	\$124.40	\$124.40	\$124.40	\$124.40	\$731.40	\$1,744.10
\$32.49	\$26.52	\$17.69	\$13.60	\$15.04	\$23.20	\$128.53	\$888.63
\$243.33	\$261.35	\$254.82	\$250.73	\$252.17	\$260.33	\$1,522.72	\$3,980.28
\$0.7202	\$0.7118	\$0.7930	\$0.7295	\$0.7538	\$0.7077	\$0.7348	\$0.7749
\$1,087.50	\$978.01	\$988.87	\$888.11	\$912.10	\$936.99	\$5,771.58	\$15,877.42
\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0335
\$29.29	\$26.66	\$24.19	\$23.09	\$23.47	\$25.69	\$152.39	\$685.54
\$1,360.12	\$1,266.02	\$1,267.88	\$1,141.93	\$1,187.74	\$1,223.01	\$7,446.69	\$20,543.24

\$86.67	\$80.22	(\$4.65)	\$103.91	\$39.44	\$103.86	\$409.45	\$277.15
6.37%	6.34%	-0.37%	9.10%	3.32%	8.49%	5.50%	1.35%
\$36.24	\$8.63	\$8.82	\$8.83	\$8.83	\$8.79	\$80.14	\$125.16
14.89%	3.30%	3.46%	3.52%	3.50%	3.38%	5.26%	3.14%
\$50.43	\$71.59	(\$13.47)	\$95.08	\$30.61	\$95.06	\$329.31	\$151.99
4.64%	7.32%	-1.36%	10.95%	3.36%	10.15%	5.71%	0.96%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing
 4 Residential Heating

	<u>Winter 2010-11</u>	<u>Winter 2011-12</u>
5		
6 Customer Charge	\$15.78	\$17.33
7 First 100 Therms	\$0.2774	\$0.2741
8 Excess 100 Therms	\$0.2091	\$0.2265
9 LDAC	\$0.0641	\$0.0694
10 CGA	\$0.0029	\$0.7928
11 Total Adjust	\$0.8670	\$0.8620

	<u>Winter 2010-11 CGA @</u>	<u>Winter 2011-12 CGA @</u>
16		
17	\$0.8670	\$0.8620
18		
19 Cooking alone	5 \$21.50	\$23.01
20		
21	10 \$27.22	\$28.69
22		
23	20 \$38.67	\$40.05
24		
25 Water Heating alone	30 \$50.11	\$51.41
26		
27	45 \$67.28	\$68.45
28		
29	50 \$73.00	\$74.13
30		
31 Heating Alone	80 \$101.61	\$102.53
32		
33	125 \$165.73	\$166.85
34		
35	150 \$184.02	\$185.36
36		
37	200 \$237.83	\$239.78
38		

Total		Base Rate		CGA		LDAC	
\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
(\$0.01)	-1%						
\$1.51	7%	\$1.53	7%	-\$0.05	0%	\$0.03	0%
\$1.47	5%	\$1.52	6%	-\$0.10	0%	\$0.05	0%
\$1.38	4%	\$1.48	4%	-\$0.21	-1%	\$0.11	0%
\$1.30	3%	\$1.45	3%	-\$0.31	-1%	\$0.16	0%
\$1.17	2%	\$1.40	2%	-\$0.46	-1%	\$0.24	0%
\$1.13	2%	\$1.39	2%	-\$0.51	-1%	\$0.26	0%
\$0.92	1%	\$1.30	1%	-\$0.77	-1%	\$0.39	0%
\$1.12	1%	\$1.79	1%	-\$1.37	-1%	\$0.70	0%
\$1.33	1%	\$2.09	1%	-\$1.54	-1%	\$0.79	0%
\$1.95	1%	\$2.96	1%	-\$2.06	-1%	\$1.05	0%

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Residential Heating Rate R-3
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 6
 7 November 1, 2011 - April 30, 2012
 8 Residential Heating (R3)

			Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
11	Typical Usage (Therms)		55	92	144	148	123	80	641
12		07/01/2011 04/01/2011							
13	Winter:								
14	Cust. Chg	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$103.98
15	Headblock	\$0.2741	\$0.2714	\$14.94	\$25.27	\$27.41	\$27.41	\$27.41	\$144.36
16	Tailblock	\$0.2265	\$0.2243	\$0.00	\$0.00	\$9.90	\$10.76	\$5.17	\$25.83
17	HB Threshold	100	100						
18									
19	Summer:								
20	Cust. Chg	\$17.33	\$17.16						
21	Headblock	\$0.2741	\$0.2714						
22	Tailblock	\$0.2265	\$0.2243						
23	HB Threshold	20	20						
24									
25	Total Base Rate Amount		\$32.27	\$42.60	\$54.64	\$55.50	\$49.91	\$39.25	\$274.17
26									
27	CGA Rate - (Seasonal)		\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926
28	CGA amount		\$43.21	\$73.07	\$113.89	\$116.91	\$97.35	\$63.39	\$507.82
29									
30	LDAC		\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.694
31	LDAC amount		\$3.78	\$6.39	\$9.97	\$10.23	\$8.52	\$5.55	\$44.44
32									
33	Total Bill		\$79.26	\$122.06	\$178.49	\$182.64	\$155.78	\$108.18	\$826.42

			Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
37	Typical Usage (Therms)		55	92	144	148	123	80	641
38									
39	Winter:								
40		07/01/2010 06/01/2010							
41	Cust. Chg	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$17.16	\$96.06
42	Headblock	\$0.2774	\$0.2774	15.12	25.57	27.74	27.74	21.70	\$145.62
43	Tailblock	\$0.2091	\$0.2091	\$0.00	\$0.00	\$9.14	\$9.93	\$4.77	\$23.84
44	HB Threshold	100	100						
45									
46	Summer:								
47									
48	Cust. Chg	\$15.78	\$15.62						
49	Headblock	\$0.2774	\$0.2747						
50	Tailblock	\$0.2091	\$0.2070						
51	HB Threshold	20	20						
52									
53	Total Base Rate Amount		\$30.90	\$41.35	\$52.66	\$53.45	\$48.29	\$38.86	\$265.52
54		08/01/2009							
55	CGA Rate - (Seasonal)	\$14.03	\$0.8220	\$0.7659	\$0.7890	\$0.8098	\$0.8348	\$0.7990	\$0.8033
56	CGA amount	\$0.2467	\$44.81	\$70.61	\$113.37	\$119.45	\$102.53	\$83.90	\$514.66
57		\$0.1859							
58	LDAC		\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.641
59	LDAC amount		\$3.49	\$5.91	\$9.21	\$9.46	\$7.87	\$5.13	\$41.07
60									
61	Total Bill		\$79.21	\$117.87	\$175.23	\$182.36	\$158.69	\$107.89	\$821.25

			Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
63	DIFFERENCE:								
64	Total Bill		\$0.05	\$4.19	\$3.26	\$0.29	(\$2.92)	\$0.28	\$5.17
65	% Change		0.07%	3.56%	1.86%	0.16%	-1.84%	0.27%	0.63%
66									
67	Base Rate		\$1.37	\$1.25	\$1.98	\$2.05	\$1.62	\$0.39	\$8.65
68	% Change		4.43%	3.01%	3.76%	3.83%	3.35%	0.99%	3.26%
69									
70	CGA & LDAC		(\$1.32)	\$2.95	\$1.28	(\$1.76)	(\$4.53)	(\$0.09)	(\$3.47)
71	% Change		-2.94%	4.17%	1.13%	-1.47%	-4.42%	-0.14%	-0.66%
	check		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
	53	29	18	15	16	24	156	796
	\$17.16	\$17.16	\$17.33	\$17.33	\$17.33	\$17.33	\$103.64	\$207.62
	\$5.43	\$5.43	\$4.84	\$4.21	\$4.46	\$5.48	\$29.85	\$174.21
	\$7.51	\$2.07	\$0.00	\$0.00	\$0.00	\$0.80	\$10.38	\$36.21
	\$30.10	\$24.66	\$22.17	\$21.54	\$21.79	\$23.61	\$143.87	\$418.04
	\$0.7326	\$0.7429	\$0.7612	\$0.7884	\$0.7581	\$0.7585	\$0.7499	\$0.7843
	\$39.18	\$21.72	\$13.45	\$12.11	\$12.33	\$17.84	\$116.64	\$624.45
	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.693
	\$3.71	\$2.03	\$1.22	\$1.06	\$1.13	\$1.63	\$10.78	\$55.22
	\$72.99	\$48.41	\$36.84	\$34.72	\$35.25	\$43.08	\$271.29	\$1,097.71

	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
	90	55	30	30	42	71	156	796
	\$14.03	\$15.62	\$15.78	\$15.78	\$15.78	\$15.78	\$92.77	\$188.83
	\$4.93	\$5.49	\$5.55	\$5.55	\$5.55	\$5.55	\$32.62	\$178.24
	\$13.01	\$7.25	\$2.09	\$2.09	\$4.60	\$10.66	\$39.70	\$63.55
	\$31.98	\$28.36	\$23.42	\$23.42	\$25.93	\$31.99	\$165.09	\$430.62
	\$0.7209	\$0.7125	\$0.7937	\$0.7302	\$0.7545	\$0.7084	\$1.4901	\$0.9374
	\$64.88	\$39.19	\$23.81	\$21.91	\$31.69	\$50.30	\$231.77	\$746.43
	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0826	\$0.677
	\$3.64	\$2.22	\$1.21	\$1.21	\$1.70	\$2.87	\$12.85	\$53.92
	\$100.49	\$69.77	\$48.44	\$46.54	\$59.31	\$85.16	\$409.71	\$1,230.96

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
	(\$27.51)	(\$21.36)	(\$11.60)	(\$11.82)	(\$24.07)	(\$42.07)	(\$138.42)
	-27.37%	-30.62%	-23.94%	-25.39%	-40.57%	-49.41%	-33.79%
	(\$1.88)	(\$3.70)	(\$1.25)	(\$1.88)	(\$4.14)	(\$8.38)	(\$21.22)
	-5.87%	-13.04%	-5.32%	-8.02%	-15.96%	-26.20%	-12.86%
	(\$25.63)	(\$17.66)	(\$10.35)	(\$9.94)	(\$19.93)	(\$33.69)	(\$117.20)
	-39.50%	-45.07%	-43.47%	-45.37%	-62.88%	-66.99%	-50.57%
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Coat of Gas Filling
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-41
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 6
 7 November 1, 2011 - April 30, 2012
 8 Commercial Rate (G-41)

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
11 Typical Usage (Therms)	142	265	466	480	398	241	1,992
13 Winter: 07/01/2011 04/01/2011							
14 Cust. Chg \$40.77 \$40.37	\$40.77	\$40.77	\$40.77	\$40.77	\$40.77	\$40.77	\$244.62
15 Headblock \$0.3254 \$0.3222	\$32.54	\$32.54	\$32.54	\$32.54	\$32.54	\$32.54	\$195.24
16 Tailblock \$0.2116 \$0.2095	\$8.94	\$35.00	\$77.45	\$80.36	\$62.96	\$29.91	\$294.62
17 HB Threshold 100 100							
19 Summer:							
20 Cust. Chg \$40.77 \$40.37	\$40.77	\$40.37					
21 Headblock \$0.3254 \$0.3222	\$0.3254	\$0.3222					
22 Tailblock \$0.2116 \$0.2095	\$0.2116	\$0.2095					
23 HB Threshold 20 20	20	20					
25 Total Base Rate Amount	\$82.25	\$108.31	\$150.76	\$153.67	\$136.27	\$103.22	\$734.48
27 CGA Rate - (Seasonal)	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929
28 CGA amount	\$112.79	\$210.45	\$369.50	\$380.43	\$315.20	\$191.37	\$1,579.74
30 LDAC	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	0.0370
31 LDAC amount	\$5.26	\$9.81	\$17.22	\$17.73	\$14.69	\$8.92	\$73.63
33 Total Bill	\$200.29	\$328.58	\$537.48	\$551.83	\$466.16	\$303.52	\$2,387.85

35 November 1, 2011 - April 30, 2012
 36 Commercial Rate (G-41)

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
37 Typical Usage (Therms)	142	265	466	480	398	241	1,992
41 Winter: 07/01/2010 06/01/2010							
42 Cust. Chg \$39.45 \$39.45	\$39.45	\$39.45	\$39.45	\$39.45	\$39.45	\$40.37	\$237.62
43 Headblock \$0.3344 \$0.3344	33.44	33.44	33.44	33.44	33.44	32.22	\$199.42
44 Tailblock \$0.2175 \$0.2154	\$9.19	\$35.98	\$79.61	\$82.60	\$64.71	\$29.61	\$301.71
45 HB Threshold 100 100							
47 Summer:							
48 Cust. Chg \$39.45 \$39.07	\$39.45	\$39.07					
49 Headblock \$0.3344 \$0.3312	\$0.3344	\$0.3312					
50 Tailblock \$0.2175 \$0.2154	\$0.2175	\$0.2154					
51 HB Threshold 20 20	20	20					
53 Total Base Rate Amount	\$82.08	\$108.87	\$152.50	\$155.49	\$137.60	\$102.20	\$738.75
54 CGA Rate - (Seasonal) 08/01/2009 \$35.08	\$0.8234	\$0.7673	\$0.7904	\$0.8112	\$0.8362	\$0.8004	\$0.8050
56 CGA amount \$0.2974 \$0.1934	\$117.12	\$203.65	\$368.32	\$389.19	\$332.39	\$193.18	\$1,603.87
58 LDAC	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
59 LDAC amount	\$6.00	\$11.20	\$19.67	\$20.25	\$16.78	\$10.19	\$84.08
61 Total Bill	\$205.21	\$323.72	\$540.49	\$564.94	\$486.77	\$305.57	\$2,426.70

63 DIFFERENCE:

64 Total Bill	(\$4.91)	\$4.85	(\$3.01)	(\$13.10)	(\$20.62)	(\$2.06)	(\$38.85)
65 % Change	-2.39%	1.50%	-0.56%	-2.32%	-4.24%	-0.67%	-1.60%
67 Base Rate	\$0.17	(\$0.56)	(\$1.74)	(\$1.82)	(\$1.34)	\$1.02	(\$4.26)
68 % Change	0.21%	-0.51%	-1.14%	-1.17%	-0.97%	0.99%	-0.58%
70 CGA & LDAC	(\$5.08)	\$5.41	(\$1.27)	(\$11.28)	(\$19.28)	(\$3.08)	(\$34.58)
71 % Change	-4.34%	2.66%	-0.34%	-2.90%	-5.80%	-1.59%	-2.16%
check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
142	142	68	36	31	34	52	363	2,355
40.37	\$40.37	\$40.77	\$40.77	\$40.77	\$40.77	\$40.77	\$243.82	\$488.44
6.44	\$6.44	\$6.51	\$6.51	\$6.51	\$6.51	\$6.51	\$38.92	\$234.16
25.61	\$10.04	\$3.37	\$2.29	\$2.91	\$6.76	\$50.98	\$345.60	
\$72.43	\$56.86	\$50.65	\$49.56	\$50.18	\$54.04	\$333.72	\$1,088.20	
\$0.7365	\$0.7468	\$0.7651	\$0.7923	\$0.7620	\$0.7624	\$0.7521	\$0.7866	
\$104.77	\$50.73	\$27.49	\$24.40	\$25.70	\$39.62	\$272.72	\$1,852.45	
\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0386	
\$6.74	\$3.22	\$1.70	\$1.46	\$1.60	\$2.46	\$17.19	\$90.82	
\$183.93	\$110.81	\$79.85	\$75.43	\$77.49	\$96.12	\$623.62	\$3,011.47	

	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
142	142	68	36	31	34	52	363	2,355
\$35.08	\$39.07	\$39.45	\$39.45	\$39.45	\$39.45	\$39.45	\$231.95	\$469.57
\$6.78	\$6.62	\$6.69	\$6.69	\$6.69	\$6.69	\$6.69	\$40.16	\$239.58
\$23.64	\$10.32	\$3.47	\$2.35	\$2.99	\$6.95	\$49.72	\$351.43	
\$65.51	\$56.02	\$49.60	\$48.49	\$49.12	\$53.09	\$321.83	\$1,060.58	
\$0.7212	\$0.7128	\$0.7940	\$0.7305	\$0.7548	\$0.7087	\$0.7290	\$0.7933	
\$102.59	\$48.42	\$28.53	\$22.50	\$25.46	\$36.82	\$264.33	\$1,868.21	
\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0387	
\$2.76	\$1.32	\$0.70	\$0.60	\$0.65	\$1.01	\$7.03	\$91.11	
\$170.86	\$105.76	\$78.83	\$71.59	\$75.24	\$90.92	\$593.20	\$3,019.90	

\$13.08	\$5.05	\$1.01	\$3.84	\$2.25	\$5.20	\$30.43	(\$8.42)
7.65%	4.77%	1.28%	5.37%	2.99%	5.72%	5.13%	-0.28%
\$6.92	\$0.84	\$1.05	\$1.08	\$1.06	\$0.95	\$11.89	\$7.62
10.56%	1.49%	2.11%	2.22%	2.16%	1.79%	3.69%	0.72%
\$6.16	\$4.21	(\$0.03)	\$2.77	\$1.19	\$4.25	\$18.54	(\$16.05)
6.00%	8.70%	-0.11%	12.23%	4.66%	11.53%	7.01%	-0.86%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-42
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 7 November 1, 2011 - April 30, 2012
 8 C&I High Winter Use Medium G-42

			Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
10	Typical Usage (Therms)		1,330	2,185	3,517	3,614	3,148	2,198	15,992
11	07/01/2011	04/01/2011							
13	Winter:								
14	Cust. Chg	\$122.32 \$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$733.92
15	Headblock	\$0.3041 \$0.3011	\$304.10	\$304.10	\$304.10	\$304.10	\$304.10	\$304.10	\$1,824.60
16	Tailblock	\$0.2009 \$0.1989	\$66.37	\$238.11	\$505.67	\$525.16	\$431.51	\$240.67	\$2,007.49
17	HB Threshold	1,000 1,000							
19	Summer:								
20	Cust. Chg	\$122.32 \$121.11							
21	Headblock	\$0.3041 \$0.3011							
22	Tailblock	\$0.2009 \$0.1989							
23	HB Threshold	400 400							
25	Total Base Rate Amount		\$492.79	\$664.53	\$932.09	\$951.58	\$857.93	\$867.09	\$4,566.01
27	CGA Rate - (Seasonal)		\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929
28	CGA amount		\$1,054.83	\$1,732.68	\$2,788.64	\$2,865.58	\$2,495.94	\$1,742.78	\$12,680.45
30	LDAC		\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370
31	LDAC amount		\$49.16	\$80.76	\$129.98	\$133.56	\$116.33	\$81.23	\$591.03
33	Total Bill		\$1,596.78	\$2,477.97	\$3,850.70	\$3,950.73	\$3,470.21	\$2,491.10	\$17,837.49

34 November 1, 2011 - April 30, 2012
 35 C&I High Winter Use Medium G-42

			Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
39	Typical Usage (Therms)		1,330	2,185	3,517	3,614	3,148	2,198	15,992
40	07/01/2010	06/01/2010							
41	Winter:								
42	Cust. Chg	\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11		\$684.76
43	Headblock	\$0.2971	297.10	297.10	297.10	297.10	301.10		\$1,786.60
44	Tailblock	\$0.1962	\$64.81	\$232.54	\$493.84	\$512.88	\$421.41	\$238.28	\$1,963.76
45	HB Threshold	1,000							
47	Summer:								
48	Cust. Chg	\$112.73 \$111.63							
49	Headblock	\$0.2971 \$0.2942							
50	Tailblock	\$0.1962 \$0.1943							
51	HB Threshold	400 400							
53	Total Base Rate Amount		\$474.64	\$642.37	\$903.67	\$922.71	\$831.24	\$660.49	\$4,435.12
54	CGA Rate - (Seasonal)		\$0.8234	\$0.7673	\$0.7904	\$0.8112	\$0.8362	\$0.8004	\$0.8051
55	CGA amount		\$1,095.40	\$1,676.70	\$2,779.77	\$2,931.63	\$2,632.11	\$1,759.26	\$12,874.87
57	LDAC		\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422
58	LDAC amount		\$56.14	\$92.22	\$148.42	\$152.51	\$132.84	\$92.75	\$674.88
61	Total Bill		\$1,626.19	\$2,411.29	\$3,831.85	\$4,006.85	\$3,596.19	\$2,512.50	\$17,984.87

62 DIFFERENCE:

64	Total Bill	(\$29.41)	\$66.68	\$18.85	(\$56.12)	(\$125.99)	(\$21.40)	(\$147.38)
65	% Change	-1.81%	2.77%	0.49%	-1.40%	-3.50%	-0.85%	-0.82%
67	Base Rate	\$18.14	\$22.16	\$28.42	\$28.88	\$26.68	\$6.61	\$130.89
68	% Change	3.82%	3.45%	3.14%	3.13%	3.21%	1.00%	2.95%
69	CGA & LDAC	(\$47.55)	\$44.52	(\$9.57)	(\$84.99)	(\$152.67)	(\$28.01)	(\$278.27)
70	% Change	-4.34%	2.68%	-0.34%	-2.90%	-5.80%	-1.59%	-2.16%
71	check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
1,386	725	342	389	367	591	3,802	19,794
\$121.11	\$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$731.50	\$1,465.42
\$120.44	\$120.44	\$104.15	\$118.29	\$111.52	\$121.64	\$696.48	\$2,521.08
\$196.19	\$64.74	\$0.00	\$0.00	\$0.00	\$38.47	\$299.40	\$2,306.89
\$437.74	\$306.29	\$226.47	\$240.61	\$233.84	\$282.43	\$1,727.38	\$6,293.39
\$0.7365	\$0.7468	\$0.7651	\$0.7923	\$0.7620	\$0.7624	\$0.7532	\$0.7853
\$1,021.06	\$541.80	\$262.03	\$308.20	\$279.44	\$450.95	\$2,863.47	\$15,543.92
\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0390
\$65.71	\$34.39	\$16.23	\$18.44	\$17.38	\$28.04	\$180.19	\$771.22
\$1,524.51	\$882.48	\$504.72	\$567.25	\$530.66	\$761.42	\$4,771.04	\$22,608.53

May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
1,386	725	342	389	367	591	3,802	19,794
\$100.24	\$111.63	\$112.73	\$112.73	\$112.73	\$112.73	\$682.79	\$1,347.55
\$105.68	\$117.68	\$101.75	\$115.57	\$108.95	\$118.84	\$668.47	\$2,455.07
\$172.12	\$63.24	\$0.00	\$0.00	\$0.00	\$37.57	\$272.93	\$2,236.70
\$378.04	\$292.55	\$214.48	\$226.30	\$221.68	\$269.14	\$1,604.19	\$6,039.32
\$0.7212	\$0.7128	\$0.7940	\$0.7905	\$0.7548	\$0.7087	\$0.7284	\$0.7903
\$999.85	\$517.13	\$271.92	\$284.16	\$276.80	\$419.19	\$2,769.05	\$15,643.91
\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0378
\$26.90	\$14.07	\$6.64	\$7.55	\$7.11	\$11.47	\$73.75	\$748.63
\$1,404.78	\$823.76	\$493.05	\$520.01	\$505.59	\$699.80	\$4,446.99	\$22,431.85

\$119.73	\$58.72	\$11.68	\$47.24	\$25.07	\$61.61	\$324.05	\$176.67
8.52%	7.13%	2.37%	9.09%	4.96%	8.80%	7.29%	0.79%
\$59.70	\$13.74	\$11.99	\$12.31	\$12.16	\$13.29	\$123.18	\$254.07
15.79%	4.70%	5.59%	5.39%	5.48%	4.94%	7.68%	4.21%
\$60.03	\$44.98	(\$0.31)	\$34.93	\$12.91	\$48.32	\$200.87	(\$77.41)
6.00%	8.70%	-0.11%	12.29%	4.65%	11.53%	7.25%	-0.49%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing
 4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-52

7 November 1, 2011 - April 30, 2012
 8 Commercial Rate (G-52)

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr	
Typical Usage (Therms)	1,796	2,080	2,634	2,735	2,484	2,091	13,821	
Winter: 07/01/2011 04/01/2011								
Cust. Chg	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$733.92	
Headblock	\$0.1684	\$0.1667	\$168.40	\$168.40	\$168.40	\$168.40	\$1,010.40	
Tailblock	\$0.1143	\$0.1131	\$90.99	\$123.45	\$186.82	\$198.34	\$169.66	\$124.65
HB Threshold	1,000	1,000						
Summer:								
Cust. Chg	\$122.32	\$121.11						
Headblock	\$0.1237	\$0.1225						
Tailblock	\$0.0713	\$0.0705						
HB Threshold	1,000	1,000						
Total Base Rate Amount	\$381.71	\$414.17	\$477.54	\$489.06	\$460.38	\$415.37	\$2,638.24	
CGA Rate - (Seasonal)	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	
CGA amount	\$1,420.85	\$1,645.53	\$2,084.15	\$2,163.89	\$1,965.35	\$1,653.86	\$10,933.63	
LDAC	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	
LDAC amount	\$66.38	\$76.87	\$97.36	\$101.09	\$91.81	\$77.26	\$510.77	
Total Bill	\$1,868.94	\$2,136.57	\$2,659.06	\$2,754.04	\$2,517.54	\$2,146.50	\$14,082.64	

35 November 1, 2011 - April 30, 2012
 36 Commercial Rate (G-52)

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
Typical Usage (Therms)	1,796	2,080	2,634	2,735	2,484	2,091	13,821
Winter: 07/01/2010 06/01/2010							
Cust. Chg	\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11	\$684.76
Headblock	\$0.1692	\$0.1692	\$169.20	\$169.20	\$169.20	\$166.70	\$1,012.70
Tailblock	\$0.1148	\$0.1139	\$91.39	\$123.99	\$187.64	\$199.21	\$170.40
HB Threshold	1,000	1,000					
Summer:							
Cust. Chg	\$112.73	\$111.63					
Headblock	\$0.1244	\$0.1232					
Tailblock	\$0.0716	\$0.0709					
HB Threshold	1,000	1,000					
Total Base Rate Amount	\$373.32	\$405.92	\$469.57	\$481.14	\$452.33	\$411.16	\$2,593.43
CGA Rate - (Seasonal)	\$0.8186	\$0.7625	\$0.7856	\$0.8064	\$0.8314	\$0.7956	\$0.8003
CGA amount	\$1,470.24	\$1,586.00	\$2,069.60	\$2,205.67	\$2,065.36	\$1,663.27	\$11,060.15
LDAC	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422
LDAC amount	\$75.79	\$87.78	\$111.18	\$115.43	\$104.84	\$88.22	\$583.24
Total Bill	\$1,919.35	\$2,079.70	\$2,650.35	\$2,802.24	\$2,622.53	\$2,162.65	\$14,236.82

63 DIFFERENCE:

Total Bill	(\$50.42)	\$56.87	\$8.71	(\$48.20)	(\$104.99)	(\$16.15)	(\$154.18)
% Change	-2.63%	2.73%	0.33%	-1.72%	-4.00%	-0.75%	-1.08%
Base Rate	\$8.39	\$8.25	\$7.97	\$7.92	\$8.05	\$4.22	\$44.80
% Change	2.25%	2.03%	1.70%	1.65%	1.78%	1.03%	1.73%
CGA & LDAC	(\$58.81)	\$48.62	\$0.74	(\$56.12)	(\$113.04)	(\$20.37)	(\$198.98)
% Change	-4.00%	3.07%	0.04%	-2.54%	-5.47%	-1.22%	-1.80%
check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2011 - October 31, 2011

May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Summer May-Oct	Total Nov-Oct
1,852	1,503	1,213	1,206	1,238	1,416	8,428	22,249
\$121.11	\$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$731.50	\$1,465.42
\$122.50	\$122.50	\$123.70	\$123.70	\$123.70	\$123.70	\$739.80	\$1,750.20
\$60.04	\$35.47	\$15.22	\$14.66	\$16.98	\$29.66	\$172.03	\$1,065.95
\$303.65	\$279.08	\$261.24	\$260.68	\$283.00	\$275.68	\$1,643.33	\$4,281.57
\$0.7256	\$0.7359	\$0.7542	\$0.7814	\$0.7511	\$0.7515	\$0.7476	\$0.7746
\$1,343.50	\$1,106.14	\$915.18	\$942.12	\$930.02	\$1,064.13	\$6,301.09	\$17,234.72
\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0409
\$87.76	\$71.25	\$57.52	\$57.15	\$58.69	\$67.12	\$399.49	\$910.26
\$1,734.91	\$1,456.47	\$1,233.94	\$1,259.95	\$1,251.71	\$1,406.93	\$8,343.91	\$22,426.55

May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Summer May-Oct	Total Nov-Oct
1,852	1,503	1,213	1,206	1,238	1,416	8,428	22,249
\$100.24	\$111.63	\$112.73	\$112.73	\$112.73	\$112.73	\$662.79	\$1,347.55
\$110.60	\$123.20	\$124.40	\$124.40	\$124.40	\$124.40	\$731.40	\$1,744.10
\$54.25	\$35.67	\$15.28	\$14.73	\$17.06	\$29.79	\$166.77	\$1,062.74
\$265.09	\$270.50	\$252.41	\$251.86	\$254.19	\$266.92	\$1,560.96	\$4,154.39
\$0.7202	\$0.7118	\$0.7930	\$0.7295	\$0.7538	\$0.7077	\$0.7334	\$0.7749
\$1,333.50	\$1,069.92	\$962.26	\$879.54	\$933.36	\$1,002.11	\$6,180.69	\$17,240.84
\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0336
\$35.92	\$29.16	\$23.54	\$23.39	\$24.02	\$27.47	\$163.50	\$746.74
\$1,634.51	\$1,369.58	\$1,238.22	\$1,154.79	\$1,211.57	\$1,296.50	\$7,905.16	\$22,141.97

\$100.40	\$86.89	(\$4.28)	\$105.16	\$40.15	\$110.43	\$438.76	\$284.58
6.14%	6.34%	-0.35%	9.11%	3.31%	8.52%	5.55%	1.28%
\$38.56	\$8.58	\$8.83	\$8.83	\$8.82	\$8.77	\$82.38	\$127.18
14.55%	3.17%	3.50%	3.51%	3.47%	3.28%	5.28%	3.06%
\$61.84	\$78.31	(\$13.11)	\$96.33	\$31.33	\$101.67	\$356.38	\$157.40
4.64%	7.32%	-1.36%	10.95%	3.36%	10.15%	5.77%	0.91%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing

	<u>Winter 2010-11</u>	<u>Winter 2011-12</u>
4 Residential Heating		
5		
6 Customer Charge	\$15.78	\$17.33
7 First 100 Therms	\$0.2774	\$0.2741
8 Excess 100 Therms	\$0.2091	\$0.2265
9 LDAC	\$0.0641	\$0.0694
10 CGA	\$0.8033	\$0.7926
11 Total Adjust	\$0.8674	\$0.8620

	<u>Winter 2010-11 CGA @</u>	<u>Winter 2011-12 CGA @</u>
16		
17	\$0.8674	\$0.8620
18		
19 Cooking alone	5 \$21.50	\$23.01
20		
21	10 \$27.23	\$28.69
22		
23	20 \$38.68	\$40.05
24		
25 Water Heating alone	30 \$50.12	\$51.41
26		
27	45 \$87.30	\$88.45
28		
29	50 \$73.02	\$74.13
30		
31 Heating Alone	80 \$101.64	\$102.53
32		
33	125 \$165.78	\$166.85
34		
35	150 \$184.08	\$185.36
36		
37	200 \$237.91	\$239.78
38		

Total		Base Rate		CGA		LDAC	
\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
(\$0.01)	-1%						
\$1.51	7%	\$1.53	7%	-\$0.05	0%	\$0.03	0%
\$1.46	5%	\$1.52	6%	-\$0.11	0%	\$0.05	0%
\$1.38	4%	\$1.48	4%	-\$0.21	-1%	\$0.11	0%
\$1.29	3%	\$1.45	3%	-\$0.32	-1%	\$0.16	0%
\$1.16	2%	\$1.40	2%	-\$0.48	-1%	\$0.24	0%
\$1.11	2%	\$1.39	2%	-\$0.53	-1%	\$0.26	0%
\$0.90	1%	\$1.30	1%	-\$0.80	-1%	\$0.39	0%
\$1.07	1%	\$1.79	1%	-\$1.42	-1%	\$0.70	0%
\$1.28	1%	\$2.09	1%	-\$1.60	-1%	\$0.79	0%
\$1.88	1%	\$2.96	1%	-\$2.14	-1%	\$1.05	0%

00000061

1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 Peak 2011 - 2012 Winter Cost of Gas Filing
 4 Variance Analysis of the Components of the 2010-11 Actual Results vs Proposed Winter 2011-12 Cost of Gas Rate

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	WINTER SALES ACTUAL RESULTS (6 months actual)			WINTER 2011-12 (6 months Proposed)		
	THERM SENDOUT	COSTS	EFFECT ON COST OF GAS	THERM SENDOUT	COSTS	EFFECT ON COST OF GAS
Therm Sales	82,202,526			82,632,661		
Demand Charges		\$ 8,031,841	\$ 0.0977		\$ 12,917,335	\$ 0.1563
Purchased Gas	70,244,869	40,048,361	0.4872	66,241,118	35,469,665	0.4292
Storage Gas	13,620,070	8,176,366	0.0995	18,181,326	8,822,497	0.1068
Produced Gas	960,271	631,508	0.0077	856,615	381,653	0.0046
Hedging (Gain)/Loss		8,380,371	0.1019		2,091,917	0.0253
Total Volumes and Cost	84,825,210	\$ 65,268,447	\$ 0.7940	85,279,059	\$ 59,683,068	\$ 0.7223
Direct Costs						
Prior Period Balance		\$ 2,985,736	\$ 0.0363		3,735,297	\$ 0.0452
Interest		138,289	0.0017		123,025	0.0015
Prior Period Adjustment		2,685	0.0000		-	-
Broker Revenues		(1,208,233)	(0.0147)		(1,417,572)	(0.0172)
Refunds from Suppliers		-	-		-	-
Fuel Financing		189,970	0.0023		182,975	0.0022
Transportation CGA Revenues		(32,528)	(0.0004)		-	-
280 Day Margin		-	-		-	-
Interruptible Sales Margin		-	-		-	-
Capacity Release and Off System Sales Margins		(459,206)	(0.0056)		(471,144)	(0.0057)
Hedging Costs		-	-		-	-
FPO Admin Costs		-	-		40,691	0.0005
Indirect Costs						
Misc Overhead		10,441	0.0001		10,337	0.0001
Occupant Disallowance/Credits		-	-		-	-
Production & Storage		1,980,428	0.0241		1,980,428	0.0240
Indirect Gas Costs		1,189,589	0.0145		1,625,811	0.0197
Total Adjusted Cost		\$ 70,065,618	\$ 0.8524		\$ 65,492,914	\$ 0.7926

00000062

Local Distribution Adjustment Charge Calculation

Reference

		Sales Customers	Transportation Customers	
Residential Non Heating Rates - R-1				
Energy Efficiency Charge	\$0.0498			Energy Efficiency Page 1
Demand Side Management Charge	0.0000			
Conservation Charge (CCx)		\$0.0498		
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0000			Proposed First Revised Page 91
Environmental Surcharge (ES)		0.0000		
Cost Allowance Adjustment Factor		(0.0013)		Cost Allowance Factor
Rate Case Expense Factor (RCEF)		0.0116		Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		0.0092		RILAP Page 1
LDAC		\$0.0694	per therm	
Residential Heating Rates - R-3, R-4				
Energy Efficiency Charge	\$0.0498			Energy Efficiency Page 1
Demand Side Management Charge	0.0000			Conservation Charge
Conservation Charge (CCx)		\$0.0498		
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0000			Proposed First Revised Page 91
Environmental Surcharge (ES)		0.0000		
Cost Allowance Adjustment Factor		(0.0013)		Cost Allowance Factor
Rate Case Expense Factor (RCEF)		0.0116		Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		0.0092		RILAP Page 1
LDAC		\$0.0694	per therm	
Commercial/Industrial Low Annual Use Rates - G-41, G-51				
Energy Efficiency Charge	\$0.0174			Energy Efficiency Page 1
Demand Side Management Charge	0.0000			Conservation Charge
Conservation Charge (CCx)		\$0.0174	\$0.0174	
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0000			Proposed First Revised Page 91
Environmental Surcharge (ES)		0.0000	0.0000	
Cost Allowance Adjustment Factor		(0.0013)	0.0023	Cost Allowance Factor
Gas Restructuring Expense Factor (GREF)		0.0000	0.0000	
Rate Case Expense Factor (RCEF)		0.0116	0.0116	Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		0.0092	0.0092	RILAP Page 1
LDAC		\$0.0370	\$0.0405 per therm	
Commercial/Industrial Medium Annual Use Rates - G-42, G-52				
Energy Efficiency Charge	\$0.0174			Energy Efficiency Page 1
Demand Side Management Charge	0.0000			Conservation Charge
Conservation Charge (CCx)		\$0.0174	\$0.0174	
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0000			Proposed First Revised Page 91
Environmental Surcharge (ES)		0.0000	0.0000	
Cost Allowance Adjustment Factor		(0.0013)	0.0023	Cost Allowance Factor
Gas Restructuring Expense Factor (GREF)		0.0000	0.0000	
Rate Case Expense Factor (RCEF)		0.0116	0.0116	Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		0.0092	0.0092	RILAP Page 1
LDAC		\$0.0370	\$0.0405 per therm	
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54				
Energy Efficiency Charge	\$0.0174			Energy Efficiency Page 1
Demand Side Management Charge	0.0000			Conservation Charge
Conservation Charge (CCx)		\$0.0174	\$0.0174	
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0000			Proposed First Revised Page 91
Environmental Surcharge (ES)		0.0000	0.0000	
Cost Allowance Adjustment Factor		(0.0013)	0.0023	Cost Allowance Factor
Gas Restructuring Expense Factor (GREF)		0.0000	0.0000	
Rate Case Expense Factor (RCEF)		0.0116	0.0116	Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		0.0092	0.0092	RILAP Page 1
LDAC		\$0.0370	\$0.0405 per therm	

Rate Case Expense/Temporary Rate Reconciliation (RDE) Factor Calculation

Rate Case Expense Factors for Residential Customers

Rate Case Expense	\$ 1,112,811
Temporary Rate Reconciliation - DG 10-017	1,130,418
Sipulation per Settlement Argument - DG 10-017	(7,776)
Reconciliation DG 08-009 and Merger Incentive DG 06-707	<u>(143,593)</u>
Total Rate Case Expense/Temporary Rate Reconciliation Recoverable	\$ 2,091,860
OffPeak 2011 Rate Case Expense Factor	0.0052
OffPeak 2011 Projected Volumes	36,952,643
OffPeak 2011 Rate Case Expense Collection	192,154
Total Net Rate Case Expense/Temporary Rate Reconciliation Recoverable	1,899,706
Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres)	61,976,058
Forecasted Annual Throughput Volumes for Commercial/Industrial Customer (A:VOLc&i)	101,612,535
Total Volumes	163,588,592
Rate Case Expense Factor	\$ 0.0116

DG 06-107 Merger Settlement - Emergency Response Incentive

Emergency Response Merger Incentive

Merger Incentive - Emergency Response

\$ -

Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres)

58,353,540

Forecasted Annual Throughput Volumes for Commercial/Industrial
Customer (A:VOLc&i)

92,474,643

Total Volumes

150,828,182

Rate Case Expense Factor

\$ -

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

Schedule 19
RLIAP
Page 1 of 2

	Customer Charge	First Block	Last Block	Total
1 Peak Period				
2 R-3 Base Rates	\$ 17.3300	\$ 0.2741	\$ 0.2265	
3 R-4 Rate at 40% of R-3	\$ 6.9300	\$ 0.1096	\$ 0.0906	
4 Program Subsidy	\$ 10.4000	\$ 0.1645	\$ 0.1359	
5 Average Annual Therms		572	203	775
6				
7 Peak Period RLIAP Subsidy	\$ 62.40	\$ 94.13	\$ 27.57	\$ 184.10
8				
9 Off Peak Period				
10 R-3 Base Rates	\$ 17.3300	\$ 0.2741	\$ 0.2265	
11 R-4 Rate at 40% of R-3	\$ 6.9300	\$ 0.1096	\$ 0.0906	
12 Program Subsidy	\$ 10.4000	\$ 0.1645	\$ 0.1359	
13 Average Annual Therms		118	52	170
14				
15 Off Peak Period RLIAP Subsidy	\$ 62.40	\$ 19.44	\$ 7.08	\$ 88.92
16				
17 Estimated Annual Subsidy	\$ 124.80	\$ 113.57	\$ 34.65	\$ 273.02
18				
19 Number of Estimated 2010/11 Participants				6,551 1/
20				
21 Annual Subsidy times Number of Participants (Ln 17 * Ln 19)				\$ 1,788,548
22 Prior Year Ending Balance - RLIAP Page 2				(300,069)
23 Estimated Annual Administrative Costs				8,600
24 Total Program Costs				\$ 1,497,079
25				
26 Estimated weather normalized firm therms billed for				
27 the twelve months ended 10/31/11 sales and transportation				163,588,592
28				
29 Total Residential Low Income Program Charge				\$ 0.0092

1/ Estimated number of participants for 2010-11 is based on the actual number participants as of June 2011, as provided in the RLIAP Quarterly Report as revised and filed on July 29, 2011.

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ENERGY NORTH NATURAL GAS, INC.
 d/b/a National Grid NH
 NOVEMBER 2010 THROUGH OCTOBER 2011
 RESIDENTIAL LOW INCOME ASSISTANCE PROGRAM RECONCILIATION
 ACCOUNT 175.39

1	FOR THE MONTH OF:	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	(Estimate)	(Estimate)	(Estimate)	(Estimate)	Total
2	DAYS IN MONTH	30	31	31	28	31	30	31	30	Jul-11	Aug-11	Sep-11	Oct-11	
										31	31	30	31	
3	Beginning Balance	\$ (43,527)	\$ (130,619)	\$ (224,544)	\$ (359,784)	\$ (448,624)	\$ (476,112)	\$ (462,731)	\$ (417,822)	\$ (404,111)	\$ (379,950)	\$ (349,797)	\$ (318,830)	\$ (43,527)
4														
5	Add: Actual Costs	19,619	104,348	144,609	212,273	239,663	223,505	163,508	91,171	93,207	91,084	91,365	101,576	1,575,928
6														
7	Less: Collected Revenue	(106,479)	(197,783)	(279,044)	(300,106)	(265,877)	(208,871)	(117,386)	(76,363)	(67,966)	(59,925)	(59,507)	(81,961)	(1,821,268)
8														
9	Add: Administrative and Start Up Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
10														
11	Ending Balance Pre-Interest	\$ (130,387)	\$ (224,055)	\$ (358,978)	\$ (447,617)	\$ (474,837)	\$ (461,478)	\$ (416,608)	\$ (403,014)	\$ (378,869)	\$ (348,791)	\$ (317,939)	\$ (299,216)	\$ (288,867)
12														
13	Month's Average Balance	\$ (86,957)	\$ (177,337)	\$ (291,761)	\$ (403,700)	\$ (461,731)	\$ (468,795)	\$ (439,670)	\$ (410,418)	\$ (391,490)	\$ (364,371)	\$ (333,868)	\$ (309,023)	
14														
15	Interest Rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
16														
17	Interest Applied	\$ (232)	\$ (489)	\$ (805)	\$ (1,006)	\$ (1,275)	\$ (1,252)	\$ (1,214)	\$ (1,096)	\$ (1,081)	\$ (1,006)	\$ (892)	\$ (853)	(11,202)
18														
19	Ending Balance	\$ (130,619)	\$ (224,544)	\$ (359,784)	\$ (448,624)	\$ (476,112)	\$ (462,731)	\$ (417,822)	\$ (404,111)	\$ (379,950)	\$ (349,797)	\$ (318,830)	\$ (300,069)	\$ (300,069)

00000113

Conservation Charge (CC) Factor Calculation

Conservation Charge Factors for Residential Customers (CCres)

DSM Expenses	\$0 Backup Page 4 Line 7
Residential Lost Margins	\$0 Backup Page 5 Line 5
Residential Conservation Reconciliation Adjustment (CCRres)	(2,957) Backup Page 2 Line 11
Total Rate Case Expense Recoverable	(\$2,957)
Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres)	60,975,253

Conservation Charge Factor for Residential Customers (CCres) \$0.0000

Conservation Charge Factors for Commercial Customers (CCcomm)

DSM Expenses	\$0 Backup Page 4 Line 24
Commercial Lost Margins	\$0 Backup Page 5 Line 16
Commercial Conservation Reconciliation Adjustment (CCRcomm)	(4,062) Backup Page 2 Line 28
Total Rate Case Expense Recoverable	(\$4,062)
Forecasted Annual Throughput Volumes for Commercial Customer (A:VOLcomm)	101,612,535

Conservation Charge Factor for Commercial Customers (CCres) \$0.0000

2010/2011 EnergyNorth Conservation Charge Reconciliation

Line No.	Actual 2010	Actual 2010	Actual 2010	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Estimate 2011	Estimate 2011	TOTAL	
Domestic Heating:														
	<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>	
1	Beginning balance	(3,803)	(\$2,871)	(\$2,878)	(\$2,886)	(\$2,894)	(\$2,902)	(\$2,910)	(\$2,918)	(\$2,926)	(\$2,933)	(\$2,941)	(\$2,949)	(\$3,803)
2	Therms sold	1,569,461	3,695,531	6,902,047	9,967,760	10,904,734	9,430,576	7,069,973	3,540,848	1,858,289	1,340,459	1,046,982	-	57,326,660
3	Surcharge (Tariff Pg 91)	0.0006	-	-	-	-	-	-	-	-	-	-	-	-
4	Revenue collected	942	-	-	-	-	-	-	-	-	-	-	-	942
5	Expenses incurred	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Lost net rev (Pg 4 Ln 5)	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Under/(over)	942	-	-	-	-	-	-	-	-	-	-	-	942
8	Pre-interest ending balance	(2,862)	(2,871)	(2,878)	(2,886)	(2,894)	(2,902)	(2,910)	(2,918)	(2,926)	(2,933)	(2,941)	(2,949)	(2,862)
9	Average monthly balance	(3,332)	(2,871)	(2,878)	(2,886)	(2,894)	(2,902)	(2,910)	(2,918)	(2,926)	(2,933)	(2,941)	(2,949)	(3,332)
10	Interest for month	(9)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(96)
11	Month-end balance	(2,871)	(2,878)	(2,886)	(2,894)	(2,902)	(2,910)	(2,918)	(2,926)	(2,933)	(2,941)	(2,949)	(2,957)	(2,957)
12	Interest rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
13														
14														
15	Actual 2010	Actual 2010	Actual 2010	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Estimate 2011	Estimate 2011		
Commercial Heating:														
	<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	Beginning balance	(3,932)	(\$3,943)	(\$3,954)	(\$3,964)	(\$3,975)	(\$3,986)	(\$3,997)	(\$4,007)	(\$4,018)	(\$4,029)	(\$4,040)	(\$4,051)	(\$3,932)
18	Therms sold	4,136,746	6,599,040	10,048,653	13,964,571	14,841,892	13,381,852	10,841,888	6,506,762	4,668,575	3,836,338	3,416,815	-	92,243,132
19	Surcharge (Tariff Pg 91)	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Revenue collected	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Expenses incurred	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Lost net rev (Pg 4 Ln 16)	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Under/(over)	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Pre-interest ending balance	(3,932)	(3,943)	(3,954)	(3,964)	(3,975)	(3,986)	(3,997)	(4,007)	(4,018)	(4,029)	(4,040)	(4,051)	(3,932)
26	Average monthly balance	(3,932)	(3,943)	(3,954)	(3,964)	(3,975)	(3,986)	(3,997)	(4,007)	(4,018)	(4,029)	(4,040)	(4,051)	(3,932)
27	Interest for month	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(130)
28	Month-end balance	(3,943)	(3,954)	(3,964)	(3,975)	(3,986)	(3,997)	(4,007)	(4,018)	(4,029)	(4,040)	(4,051)	(4,062)	(4,062)
29	Interest rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
30														
31	Actual 2010	Actual 2010	Actual 2010	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Actual 2011	Estimate 2011	Estimate 2011		
TOTAL														
	<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	Beginning balance	(\$7,736)	(\$6,814)	(\$6,832)	(\$6,851)	(\$6,869)	(\$6,888)	(\$6,906)	(\$6,925)	(\$6,944)	(\$6,963)	(\$6,981)	(\$7,000)	(\$7,736)
35	Therms sold	5,706,207	10,294,571	16,950,700	23,932,331	25,746,626	22,812,428	17,911,861	10,047,610	6,526,864	5,176,797	4,463,797	-	149,569,792
36	Revenue collected	942	-	-	-	-	-	-	-	-	-	-	-	942
37	Expenses incurred	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Lost net revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Under/(over)	942	-	-	-	-	-	-	-	-	-	-	-	942
40	Pre-interest ending balance	(6,794)	(6,814)	(6,832)	(6,851)	(6,869)	(6,888)	(6,906)	(6,925)	(6,944)	(6,963)	(6,981)	(7,000)	(6,794)
41	Interest for month	(20)	(18)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(225)
42	Month-end balance	(6,814)	(6,832)	(6,851)	(6,869)	(6,888)	(6,906)	(6,925)	(6,944)	(6,963)	(6,981)	(7,000)	(7,019)	(7,019)
43	Interest rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%

00000115

2010/2011 EnergyNorth Conservation Charge Reconciliation

Line No.	Actual Throughput												TOTAL
	2010 OCT	2010 NOV	2010 DEC	2011 JAN	2011 FEB	2011 MAR	2011 APR	2011 MAY	2011 JUN	2011 JUL	2011 AUG	2011 SEP	
Domestic Heating:													
1	1,569,461	3,695,531	6,902,047	9,967,760	10,904,734	9,430,576	7,069,975	3,540,848	1,858,289	1,340,459	1,046,982	1,126,822	58,453,482
2	\$0.0006	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
3	942	-	-	-	-	-	-	-	-	-	-	-	942
4													
5													
6													
Commercial Heating:													
8	4,136,746	6,599,040	10,048,653	13,964,571	14,841,892	13,381,852	10,841,888	6,506,762	4,668,575	3,836,338	3,416,815	3,720,879	95,964,011
9	\$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	-	-	-	-	-	-	-	-	-	-	-	-	-
11													
12													
Total:													
14	5,706,207	10,294,571	16,950,700	23,932,331	25,746,626	22,812,428	17,911,861	10,047,610	6,526,864	5,176,797	4,463,797	4,847,701	154,417,493
15	942	-	-	-	-	-	-	-	-	-	-	-	942

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2010/2011 EnergyNorth Conservation Charge Reconciliation

Line No.	Residential Expenses Incurred	Actual Expenses											TOTAL	
		2010 OCT	2010 NOV	2010 DEC	2011 JAN	2011 FEB	2011 MAR	2011 APR	2011 MAY	2011 JUN	2011 JUL	2011 AUG		2011 SEP
1	Administrative	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Audit	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Marketing	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Measures	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Rebates	-	-	-	-	-	-	-	-	-	-	-	-	-
6		<hr/>												
7	Total Residential Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
8		<hr/>												
9		<hr/>												
10		<hr/>												
11	Commercial Expenses Incurred													
12														
13	Administrative:													
14	Delivery Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Photocopies	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Telephone	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Travel	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Audit	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Legal	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Marketing	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Measures	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Rebates	-	-	-	-	-	-	-	-	-	-	-	-	-
23		<hr/>												
24	Total Commercial Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
		<hr/>												

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2010/2011 ENERGYNORTH LOST MARGIN SUMMARY

Residential Heating		2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	TOTAL	
Line No.	Fiscal 2010	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	
1	Lost Vol Therms (Pg 6 Ln 29)													
2	Tailblock Rate	\$0.2243	\$0.2243	\$0.2243	\$0.2243	\$0.2243	\$0.2243	\$0.2243	\$0.2243	\$0.2243	\$0.2265	\$0.2265	\$0.2265	
3	Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Recovery Rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	0%	0%
5	Lost Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6														
7														
8														
9	Commercial and Industrial:													
10														
11	Fiscal 2010													
12	Lost Vol Therms (Pg 5 Ln 53)													
13	Tailblock Rate	\$0.1643	\$0.1978	\$0.1978	\$0.1978	\$0.1978	\$0.1978	\$0.1978	\$0.1643	\$0.1643	\$0.1660	\$0.1660	\$0.1660	
14	Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Recovery Rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	0%	57%
16	Lost Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17														
18														
19	Total													
20														
21	Fiscal 2010													
22	Lost Volume Therms	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Tailblock Rate													
24	Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	recovery rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	0%	57%
26	recoverable portion	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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ENERGYNORTH 2010/2011 LOST MARGIN CALCULATION BACKUP

Line No. Actual ~~tailblock~~ margin

	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	
1 Domestic Heating	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2265	0.2265	0.2265	
2													
3 Commercial Heating	0.1643	0.1978	0.1978	0.1978	0.1978	0.1978	0.1978	0.1643	0.1643	0.1660	0.1660	0.1660	
4													
5 Normal heating degree days (calendar):													
6													
7	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	Total
8 Heating Degree Days	418	704	1,050	1,231	1,042	896	512	240	50	6	11	113	6,273
9													
10 Percent of Total	6.66%	11.22%	16.74%	19.62%	16.61%	14.28%	8.16%	3.83%	0.80%	0.10%	0.18%	1.80%	100.00%
11													
12													
13													
14													

Residential Heating

15 program year 2010	Therms												Pg 8 Ln32 FY 97 Savings	Pg 7 Ln31 FY98 Savings	Pg 6 Ln14 FY99 Savings	FY00 Savings	FY01 Savings			
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP						Total	annual load	
16 DH - therm savings fiscal																				
17 Oct-09														-	15,432	8,616	6,816	-	0	0
18 Nov-09														-	16,450	3,455	12,996	-	0	0
19 Dec-09														-	25,866	4,342	15,945	5,579	0	0
20 Jan-10														-	25,818	4,088	6,134	15,596	0	0
21 Feb-10														-	36,373	9,277	12,457	14,639	0	0
22 Mar-10														-	31,547	8,055	14,524	8,969	0	0
23 Apr-10														-	36,059	10,465	17,113	8,481	0	0
24 May-10														-	16,633	11,822	4,711	-	0	0
25 Jun-10														-	32,762	23,809	7,258	1,695	0	0
26 Jul-10														-	15,798	12,412	3,386	-	0	0
27 Aug-10														-	17,875	12,514	1,331	4,030	0	0
28 Sep-10														-	34,800	28,758	5,981	61	0	0
29 totals															305,409	137,710	108,649	59,050	-	-
30																				
31 Rate	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2243	0.2265	0.2265	0.2265								
32 Margin	-	-	-	-	-	-	-	-	-	-	-	-								
33 Recovery Rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%								
34																				
35																				

Commercial Heating

39 program year 2010	Therms												Pg 8 Ln49 FY 97 Savings	Pg 7 Ln48 FY98 Savings	FY99 Savings	FY00 Savings	FY01 Savings				
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP						Total	Total		
40 CH - therm savings																					
41 Oct-09															-	189	-	189	0	0	0
42 Nov-09															-	567	378	189	0	0	0
43 Dec-09															-	1,189	439	750	0	0	0
44 Jan-10															-	945	189	756	0	0	0
45 Feb-10															-	399	189	210	0	0	0
46 Mar-10															-	845	378	567	0	0	0
47 Apr-10															-	189	-	189	0	0	0
48 May-10															-	378	-	378	0	0	0
49 Jun-10															-	1,256	567	689	0	0	0
50 Jul-10															-	549	549	-	0	0	0
51 Aug-10															-	189	189	-	0	0	0
52 Sep-10															-	1,000	-	1,000	0	0	0
53 totals																7,795	2,878	4,917	-	-	-
54																					
55 Rate	\$0.1643	\$0.1978	\$0.1978	\$0.1978	\$0.1978	\$0.1978	\$0.1978	\$0.1643	\$0.1643	\$0.1660	\$0.1660	\$0.1660									
56 Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								
57 Recovery Rate	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%	57%									
58 Total Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								

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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, 2011 - October 31, 2012
Energy Efficiency Charge

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 11	Actual	(1,767,054)	(\$0.0525)	(189,486)	232,072	213,190	19,761	(1,723,589)	(1,745,322)	3.25%	(4,818)	(1,728,407)	2,996,052	3,612,694	31
June 11	Actual	(1,728,407)	(\$0.0525)	(100,415)	232,072	118,077	27,279	(1,683,465)	(1,705,936)	3.25%	(4,557)	(1,688,022)	1,933,247	1,914,481	30
July 11	Actual	(1,688,022)	(\$0.0525)	(72,856)	232,072	108,964	7,417	(1,644,497)	(1,666,260)	3.25%	(4,599)	(1,649,096)	1,538,140	1,389,050	31
August 11	Forecast	(1,649,096)	(\$0.0525)	(64,895)	491,119	0	0	(1,222,672)	(1,435,884)	3.25%	(3,963)	(1,226,636)	1,233,467	0	31
September 11	Forecast	(1,226,636)	(\$0.0525)	(65,109)	491,119	0	0	(800,625)	(1,013,630)	3.25%	(2,708)	(803,333)	1,241,348	0	30
October 11	Forecast	(803,333)	(\$0.0525)	(120,814)	491,119	0	0	(433,027)	(618,180)	3.25%	(1,706)	(434,734)	2,303,409	0	31
November 11	Forecast	(434,734)	(\$0.0498)	(191,487)	491,119	0	0	(135,102)	(284,918)	3.25%	(761)	(135,863)	3,848,220	0	30
December 11	Forecast	(135,863)	(\$0.0498)	(351,228)	491,119	0	0	4,028	(65,918)	3.25%	(182)	7,058,441	7,058,441	0	31
January 12	Forecast	3,846	(\$0.0498)	(493,047)	255,057	0	0	(234,144)	(115,149)	3.25%	(918)	(234,462)	9,908,505	0	31
February 12	Forecast	(234,462)	(\$0.0498)	(542,203)	255,057	0	0	(521,608)	(378,035)	3.25%	(942)	(522,551)	10,896,369	0	28
March 12	Forecast	(522,551)	(\$0.0498)	(483,482)	255,057	0	0	(750,976)	(636,763)	3.25%	(1,758)	(752,734)	9,716,286	0	31
April 12	Forecast	(752,734)	(\$0.0498)	(372,493)	255,057	0	0	(870,169)	(811,451)	3.25%	(2,168)	(872,337)	7,485,784	0	30
May 12	Forecast	(872,337)	(\$0.0498)	(222,506)	255,057	0	0	(839,786)	(896,061)	3.25%	(2,363)	(842,149)	4,471,593	0	31
June 12	Forecast	(842,149)	(\$0.0498)	(123,524)	255,057	0	0	(710,616)	(776,383)	3.25%	(2,074)	(712,690)	2,482,396	0	30
July 12	Forecast	(712,690)	(\$0.0498)	(77,901)	255,057	0	0	(535,534)	(624,112)	3.25%	(1,723)	(537,257)	1,565,536	0	31
August 12	Forecast	(537,257)	(\$0.0498)	(63,201)	255,057	0	0	(345,400)	(441,329)	3.25%	(1,218)	(346,619)	1,270,112	0	31
September 12	Forecast	(346,619)	(\$0.0498)	(68,074)	255,057	0	0	(159,635)	(253,127)	3.25%	(676)	(160,311)	1,368,039	0	30
October 12	Forecast	(160,311)	(\$0.0498)	(94,782)	255,057	0	0	(38)	(80,174)	3.25%	(221)	(257)	1,904,776	0	31
November 12	Forecast	(257)	(\$0.0498)	(191,487)	255,057	0	0	63,312	31,527	3.25%	84	63,397	3,848,220	0	30
December 12	Forecast	63,397	(\$0.0498)	(351,228)	255,057	0	0	(32,774)	15,311	3.25%	42	(32,732)	7,058,441	0	31

Residential Non Heating Therm Sales	1%	1,032,484	1,000,804	1%
Residential Heating Therm Sales	37%	59,255,995	60,875,253	37%
C&I Therm Sales	62%	97,732,153	101,612,535	62%
Total Therms	100%	158,020,633	163,588,592	100%
		Year One Budget	Year Two Budget	
		1/01/11 - 12/31/11	1/01/12 - 12/31/12	
Low-Income Program Budget		\$ 730,895	\$ 773,062	
Other Refund		-	-	
Total Shared Budget		\$ 730,895	\$ 773,062	
Residential Program Budget		\$ 2,358,779	\$ 2,550,242	
Residential Program Incentive		\$ 146,238	\$ 217,565	
Total Residential Program Budget		\$ 2,505,017	\$ 2,767,807	
Commercial/Industrial Program Budget		\$ 3,174,772	\$ 3,533,795	
Commercial/Industrial Program Incentive		\$ 154,045	\$ 95,559	
Total Commercial/Industrial Program Budget		\$ 3,328,817	\$ 3,629,355	
Total Program Budget		\$ 6,565,729	\$ 7,170,225	
Shared Expenses Allocation to Residential		\$ 278,853	\$ 292,877	
Shared Expenses Allocation to C&I		452,042	480,185	
Total Allocated Shared Expenses		\$ 730,895	\$ 773,062	
Total Residential (including allocation of Shared Budget)		\$ 2,784,870	\$ 3,060,685	
Total C&I (including allocation of Shared Budget)		3,780,859	4,109,540	
Total Budget		\$ 6,565,729	\$ 7,170,225	

Estimated Residential Nonheating Conservation Charge			
Effective November 1, 2011 - October 31, 2012			
Beginning Balance	\$	(434,734)	
Program Budget Nov 11-Oct 12		3,532,809	
Projected Interest		(14,404)	
Projected Budget with Interest	\$	3,083,671	
Total Charges	\$	3,083,671	
Projected Therm Sales		61,976,058	
Residential Rate		\$0.0498	
Total Charges with Interest	\$	3,083,671	
Projected Therm Sales		61,976,058	
Residential Rate		\$0.0498	

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**EnergyNorth Natural Gas, Inc. d/b/a National Grid NH
Energy Efficiency Programs
For Commercial/Industrial Classes
November 1, 2011 - October 31, 2012
Energy Efficiency Charge**

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 11	Actual	(2,536,965)	(\$0.0306)	(199,107)	315,072	44,945	26,194	(2,664,933)	(2,600,949)	3.25%	(7,179)	(2,672,112)	5,764,699	5,506,762	31
June 11	Actual	(2,672,112)	(\$0.0306)	(142,858)	315,072	24,375	36,161	(2,754,435)	(2,713,274)	3.25%	(7,248)	(2,761,683)	4,285,584	4,668,575	30
July 11	Actual	(2,761,683)	(\$0.0306)	(117,392)	315,072	165,473	9,832	(2,703,769)	(2,732,726)	3.25%	(7,543)	(2,711,312)	3,876,710	3,836,338	31
August 11	Forecast	(2,711,312)	(\$0.0306)	(108,382)	63,745	0	0	(2,755,949)	(2,733,631)	3.25%	(7,546)	(2,763,495)	3,541,882	0	31
September 11	Forecast	(2,763,495)	(\$0.0306)	(108,338)	156,941	0	0	(2,714,892)	(2,739,193)	3.25%	(7,317)	(2,722,209)	3,540,452	0	30
October 11	Forecast	(2,722,209)	(\$0.0306)	(143,748)	173,017	0	0	(2,692,940)	(2,707,574)	3.25%	(7,474)	(2,700,414)	4,697,655	0	31
November 11	Forecast	(2,700,414)	(\$0.0174)	(118,745)	544,674	0	0	(2,274,484)	(2,487,449)	3.25%	(6,645)	(2,281,129)	6,824,433	0	30
December 11	Forecast	(2,281,129)	(\$0.0174)	(178,748)	544,674	0	0	(1,915,203)	(2,098,166)	3.25%	(5,792)	(1,920,994)	10,272,865	0	31
January 12	Forecast	(1,920,994)	(\$0.0174)	(239,825)	342,462	0	0	(1,818,358)	(1,869,676)	3.25%	(5,161)	(1,823,518)	13,783,033	0	31
February 12	Forecast	(1,823,518)	(\$0.0174)	(256,288)	342,462	0	0	(1,737,345)	(1,780,431)	3.25%	(4,439)	(1,741,784)	14,729,185	0	28
March 12	Forecast	(1,741,784)	(\$0.0174)	(236,800)	342,462	0	0	(1,636,122)	(1,688,953)	3.25%	(4,662)	(1,640,784)	13,609,208	0	31
April 12	Forecast	(1,640,784)	(\$0.0174)	(199,145)	342,462	0	0	(1,497,467)	(1,569,125)	3.25%	(4,191)	(1,501,659)	11,445,105	0	30
May 12	Forecast	(1,501,659)	(\$0.0174)	(133,548)	342,462	0	0	(1,292,745)	(1,397,202)	3.25%	(3,857)	(1,296,602)	7,676,149	0	31
June 12	Forecast	(1,296,602)	(\$0.0174)	(97,762)	342,462	0	0	(1,051,902)	(1,174,252)	3.25%	(3,137)	(1,055,039)	5,618,481	0	30
July 12	Forecast	(1,055,039)	(\$0.0174)	(75,820)	342,462	0	0	(788,997)	(921,718)	3.25%	(2,544)	(790,941)	4,357,483	0	31
August 12	Forecast	(790,941)	(\$0.0174)	(70,292)	342,462	0	0	(518,771)	(654,856)	3.25%	(1,808)	(520,579)	4,039,787	0	31
September 12	Forecast	(520,579)	(\$0.0174)	(75,973)	342,462	0	0	(254,090)	(387,335)	3.25%	(1,035)	(255,125)	4,366,259	0	30
October 12	Forecast	(255,125)	(\$0.0174)	(85,113)	342,462	0	0	2,224	(126,451)	3.25%	(349)	1,875	4,891,547	0	31
November 12	Forecast	1,875	(\$0.0174)	(118,745)	342,462	0	0	225,591	113,733	3.25%	304	225,895	6,824,433	0	30
December 12	Forecast	225,895	(\$0.0174)	(178,748)	342,462	0	0	389,609	307,752	3.25%	849	390,458	10,272,865	0	31

Estimated C & I Conservation Charge	
Effective November 1, 2011 - October 31, 2012	
Beginning Balance	(\$2,700,414)
Program Budget	4,513,965
Projected Interest	(43,618)
Program Budget with Interest	\$1,769,934
Total Charges	\$1,769,934
Projected Therm Sales	101,612,535
C&I Rate	\$0.0174
Total Charges with Interest	\$1,769,934
Projected Therm Sales	101,612,535
Com/Ind Rate	\$0.0174
Com/Ind Rate from Prior Programs (1)	\$0.0000
Combined Com/Ind Rate	\$0.0174

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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, 2011 - October 31, 2012
 Energy Efficiency Charge

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 11	Actual	(4,304,019)	n/a	(388,593)	547,144	213,190	44,945	45,955	304,089	(4,388,522)	(4,346,271)	3.25%	(11,997)	(4,400,519)	8,760,751	10,119,456	31
June 11	Actual	(4,400,519)	n/a	(243,273)	547,144	118,077	24,375	63,440	205,891	(4,437,900)	(4,419,210)	3.25%	(11,805)	(4,449,705)	6,218,831	6,583,056	30
July 11	Actual	(4,449,705)	n/a	(190,248)	547,144	108,964	165,473	17,249	291,687	(4,348,266)	(4,398,986)	3.25%	(12,142)	(4,360,408)	5,414,850	5,225,388	31
August 11	Forecast	(4,360,408)	n/a	(173,077)	1,035,793	0	0	0	0	(3,497,692)	(3,929,050)	3.25%	(10,845)	(3,508,538)	4,775,349	0	31
September 11	Forecast	(3,508,538)	n/a	(173,447)	1,035,793	0	0	0	0	(2,646,191)	(3,077,364)	3.25%	(8,220)	(2,654,411)	4,781,800	0	30
October 11	Forecast	(2,654,411)	n/a	(264,562)	1,035,793	0	0	0	0	(1,883,180)	(2,268,795)	3.25%	(6,262)	(1,889,442)	7,001,064	0	31
November 11	Forecast	(1,889,442)	n/a	(394,855)	1,035,793	0	0	0	0	(1,248,504)	(1,568,973)	3.25%	(4,191)	(1,252,695)	10,672,653	0	30
December 11	Forecast	(1,252,695)	n/a	(657,359)	1,035,793	0	0	0	0	(874,261)	(1,063,478)	3.25%	(2,935)	(877,196)	17,331,306	0	31
January 12	Forecast	(877,196)	n/a	(903,781)	597,519	0	0	0	0	(1,183,459)	(1,030,328)	3.25%	(2,844)	(1,186,303)	23,691,538	0	31
February 12	Forecast	(1,186,303)	n/a	(981,133)	597,519	0	0	0	0	(1,569,917)	(1,378,110)	3.25%	(3,436)	(1,573,353)	25,625,554	0	28
March 12	Forecast	(1,573,353)	n/a	(889,036)	597,519	0	0	0	0	(1,864,871)	(1,719,112)	3.25%	(4,745)	(1,869,616)	23,325,494	0	31
April 12	Forecast	(1,869,616)	n/a	(713,557)	597,519	0	0	0	0	(1,985,654)	(1,927,635)	3.25%	(5,149)	(1,990,803)	18,930,889	0	30
May 12	Forecast	(1,990,803)	n/a	(451,225)	597,519	0	0	0	0	(1,844,510)	(1,917,656)	3.25%	(5,293)	(1,849,803)	12,146,742	0	31
June 12	Forecast	(1,849,803)	n/a	(290,955)	597,519	0	0	0	0	(1,543,239)	(1,696,521)	3.25%	(4,532)	(1,547,771)	8,100,878	0	30
July 12	Forecast	(1,547,771)	n/a	(207,754)	597,519	0	0	0	0	(1,158,006)	(1,352,889)	3.25%	(3,734)	(1,161,741)	5,923,019	0	31
August 12	Forecast	(1,161,741)	n/a	(183,587)	597,519	0	0	0	0	(747,809)	(954,775)	3.25%	(2,635)	(750,444)	5,309,899	0	31
September 12	Forecast	(750,444)	n/a	(198,189)	597,519	0	0	0	0	(351,114)	(550,779)	3.25%	(1,471)	(352,586)	5,734,298	0	30
October 12	Forecast	(352,586)	n/a	(240,550)	597,519	0	0	0	0	4,384	(174,101)	3.25%	(481)	3,903	6,796,324	0	31
November 12	Forecast	3,903	n/a	(394,855)	597,519	0	0	0	0	206,566	105,235	3.25%	281	206,847	10,672,653	0	30
December 12	Forecast	206,847	n/a	(657,359)	597,519	0	0	0	0	147,007	176,927	3.25%	488	147,495	17,331,306	0	31

Residential (R-1 & R-3) and C & I Conservation Charge Effective November 1, 2011 - October 31, 2012	
Beginning Balance	\$ (1,889,442.13)
Program Budget	8,046,774.22
Projected Interest	(41,447.46)
Program Budget with Interest	\$6,115,885
Total Charges	\$6,115,885

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New Hampshire Program Year ONE (January 1, 2011 - December 31, 2011)

Program	Internal Admin	External Admin	Rebates/ Services	Internal Impl	Marketing	Evaluation	Budget Total	Participant Goal	Lifetime MMBTU Savings
Residential									
Low Income	\$ 52,000	\$ 275,278	\$ 397,977		\$ 5,641	\$ -	\$ 730,895	260	70,954
Residential High-Efficiency Heating, Water-	\$ 23,067	\$ 166,136	\$ 475,294		\$ 48,592	\$ 1,375	\$ 714,464	1,983	306,840
New Home Construction with Energy Star	\$ 727	\$ 28,628	\$ 45,000		\$ 5,000	\$ -	\$ 79,355	30	20,400
Res Building Practices and Demo	\$ 1,556	\$ 4,523	\$ 15,000		\$ 3,750	\$ 500	\$ 25,329	10	0
Energy Audit with Home Performance and V	\$ 30,967	\$ 131,244	\$ 1,329,164		\$ 36,534	\$ 12,722	\$ 1,540,631	1,200	338,400
Residential Total	\$ 108,316	\$ 605,809	\$ 2,262,435	\$ -	\$ 99,516	\$ 14,597	\$ 3,090,674	3,483	736,594
Commercial & Industrial									
Large C & I Retrofit Program	\$ 160,000	\$ 150,000	\$ 1,425,000		\$ 58,625	\$ 62,669	\$ 1,856,294	226	699,027
New Equipment and Construction Program	\$ 95,000	\$ 100,000	\$ 765,000		\$ 34,875	\$ 37,280	\$ 1,032,155	307	280,381
Small Business Energy Solutions Program	\$ 25,792	\$ 38,688	\$ 202,500		\$ 9,349	\$ 9,994	\$ 286,323	23	111,884
Commercial Total	\$ 280,792	\$ 288,688	\$ 2,392,500	\$ -	\$ 102,849	\$ 109,943	\$ 3,174,772	556	1,091,292
GRAND TOTAL	\$ 389,108	\$ 894,497	\$ 4,654,935	\$ -	\$ 202,365	\$ 124,540	\$ 6,265,446	4,039	1,827,886

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New Hampshire Program Year TWO (January 1, 2011 - December 31, 2011)

Program	Internal Admin	External Admin	Rebates/ Services	Internal Impl	Marketing	Evaluation	Budget Total	Participant Goal	Lifetime MMBTU Savings
Residential									
Low Income	\$ 55,000	\$ 291,159	\$ 420,937		\$ 5,966	\$ -	\$ 773,062	275	75,048
Residential High-Efficiency Heating, Water	\$ 25,767	\$ 178,054	\$ 503,406		\$ 51,087	\$ 1,425	\$ 759,739	2,137	328,375
New Home Construction with Energy Star	\$ 824	\$ 32,445	\$ 51,000		\$ 5,500	\$ -	\$ 89,769	34	23,120
Res Building Practices and Demo	\$ 1,556	\$ 4,523	\$ 15,000		\$ 3,750	\$ 500	\$ 25,329	10	0
Energy Audit with Home Performance and	\$ 34,295	\$ 149,166	\$ 1,440,692		\$ 37,623	\$ 13,631	\$ 1,675,406	1,400	394,800
Residential Total	\$ 117,441	\$ 655,347	\$ 2,431,035	\$ -	\$ 103,926	\$ 15,556	\$ 3,323,305	3,856	821,343
Commercial & Industrial									
Large C & I Retrofit Program	\$ 176,000	\$ 165,000	\$ 1,567,500		\$ 64,488	\$ 68,936	\$ 2,041,924	270	769,785
New Equipment and Construction Program	\$ 104,500	\$ 110,000	\$ 841,500		\$ 38,363	\$ 41,008	\$ 1,135,371	371	314,735
Small Business Energy Solutions Program	\$ 32,240	\$ 48,360	\$ 253,125		\$ 10,284	\$ 12,493	\$ 356,502	29	141,071
Commercial Total	\$ 312,740	\$ 323,360	\$ 2,662,125	\$ -	\$ 113,134	\$ 122,437	\$ 3,533,796	670	1,225,591
GRAND TOTAL	\$ 430,181	\$ 978,707	\$ 5,093,160	\$ -	\$ 217,060	\$ 137,993	\$ 6,857,101	4,526	2,046,934

00000124

Exhibit-C: KeySpan Energy Delivery - NH DSM/MT Program Year Three (2008-2009): Shareholder Incentive Calculation - August 27, 2009

Program	Expenditures (Budget) for Program Year 2	Design Goal for PY 1	Projected Lifetime Therms Savings	Actual Lifetime Therm Savings ²	Actual LTT/Projected LTT	Projected TRC ³	Actual TRC ⁴	Actual TRC/Projected TRC	Lifetime Savings Incentive	Cost-effectiveness Incentive	Actual Pre Tax Design Incentive
Residential											
Low Income	\$ 442,864	160 Participants	1,082,880	1,536,336	1.419	3.50	6.05	1.73			
Residential Weatherization	\$ 89,557	45 Rebates	331,200	1,449,920	4.378	3.52	7.20	2.04			
Residential High Efficiency Heating	\$ 271,179	500 Rebates	1,760,000	2,319,680	1.318	7.10	6.14	0.86			
Residential High Efficiency Water Heating	\$ 81,708	150 Rebates	227,100	292,202	1.287	3.20	3.17	0.99			
Energy Star Windows	\$ 63,008	300 Rebates	168,225	128,412	0.763	2.81	3.08	1.10			
Energy Star Residential Controls	\$ 35,231	325 Rebates	254,625	560,535	2.201	6.91	12.81	1.85			
Energy Star Homes	\$ 65,561	55 Participants	0	0		0.00					
Energy Analysis: Internet Audit Guide	\$ 43,136	600 New Users	0.000	0.00		0.00					
Building Practices and Demo	\$ 46,291	12 Projects	0.000	0.00		0.00					
Residential Conservation Services	\$ 86,459	200 Participants	0.000	0.00		0.00					
Total	\$ 1,224,992	2,347	3,824,030	6,287,085	1.644	3.70	5.31	1.4362	\$ 80,256	\$ 65,983	\$ 146,238
C&I and Multifamily											
Commercial Energy Efficiency Program	\$ 542,617	150 Participants	1,647,585	746,905	0.453	2.91	1.75	0.60			
Multifamily Housing	\$ 195,773	60 Participants	458,298	122,213	0.267	2.43	1.13	0.47			
Commercial High Efficiency Heating	\$ 121,803	50 Rebates	996,000	4,362,480	4.380	6.44	10.36	1.61			
Economic Redevelopment	\$ 330,182	3 Projects	591,396	2,562,717	4.333	2.56	29.21	11.39			
Commercial Building Practices & Technology Demonstration	\$ 215,301	6 Projects	2,368,277	789,426	0.333	15.7	134.75	8.56			
C&I Energy Analysis Internet Audit	\$ 21,122	50 New Users	0	0		0.00					
Total - C&I and Multifamily	\$ 1,426,799	319	6,061,556	8,583,741	1.416	4.52	7.30	1.61	\$ 80,819	\$ 73,226	\$ 154,045
Total of Column	\$2,651,791								TOTAL Incentive		\$ 300,283

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: $Incentive_{RES} = Expenditures_{RES} \times ([4\% \times (TRC_{Actual} / TRC_{Projected})] + [4\% \times Lifetime\ Therm\ Savings_{Actual} / Lifetime\ Therm\ Savings_{Projected}])$

Plus

$Incentive_{C&I} = Expenditures_{C&I} \times ([4\% \times (TRC_{Actual} / TRC_{Projected})] + [4\% \times Lifetime\ Therm\ Savings_{Actual} / Lifetime\ Therm\ Savings_{Projected}])$

¹Per 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).

²From the updated Exhibit G showing actual Program Year 1 results.

^{3,4,5}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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Exhibit D - Shareholder Incentive Page 1 of 2

National Grid Gas Energy Efficiency

Target Shareholder Incentive Year TWO- January 1, 2010 - December 31, 2010

Commercial/Industrial Incentive

1. Target Benefit/Cost Ratio	2.01
Actual Benefit/Cost Ratio	1.99
2. Threshold Benefit/Cost Ratio	1.00
3. Target lifetime MMBTU	1,236,404
Actual lifetime MMBTU	678,145
4. Threshold MMBTU	803,663
5. Budget	\$2,411,290
6. CE Percentage	4.00%
7. Lifetime kWh Percentage	4.00%

8. Target C/I Incentive \$192,903

Actual C/I Incentive \$95,559

9. Cap \$289,355

Residential Incentive

10. Target Benefit/Cost Ratio	2.15
Actual Benefit/Cost Ratio	2.54
11. Threshold Benefit/Cost Ratio	1.00
12. Target lifetime MMBTU	885,455
Actual lifetime MMBTU	821,512
13. Threshold MMBTU	575,546
14. Budget	\$2,575,126
15. CE Percentage	4.00%
16. Lifetime kWh Percentage	4.00%

17. Target Residential Incentive \$206,010

Actual Residential Incentive \$217,565

18. Cap \$309,015

19. TOTAL INCENTIVE \$313,124

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**NHPUC NO. 6 - GAS
NATIONAL GRID NH**

Environmental Surcharge - Manufactured Gas Plants

Manufactured Gas Plants

Required annual Environmental increase	\$56,582
DG 10-17 Base Rate Revision Collections	(\$78,892)
Environmental Subtotal	(\$22,310)
Overall Annual Net Increase to Rates	\$0
Estimated weather normalized firm therms billed for the twelve months ended 10/31/12 - sales and transportation	163,588,592 therms
Surcharge per therm	<u>\$0.0000</u> per therm
<u>Total Environmental Surcharge</u>	<u>\$0.0000</u>

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