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Professional Association

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ORIGINAL	
N.H.P.U.C. Case No.	DG 11-192
Exhibit No.	#3
Witness	A. Leary, T. Poe, W. Shepley
DO NOT REMOVE FROM FILE	

OFFICES IN:
MANCHESTER
CONCORD
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STEVEN V. CAMERINO
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Licensed in MA and NH

October 14, 2011

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

Re: DG 11-192; National Grid NH

Dear Ms. Howland:

Enclosed for filing with the Commission are seven copies of the following revised pages to the cost of gas filing originally made by National Grid NH ("Company") on September 1, 2011:

Tariff Page 76
Tariff Page 91
Tariff Page 94

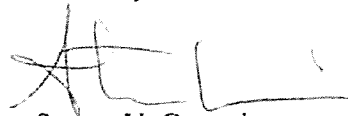
Schedule 8- Bill Impacts with revised LDAC (Bates Stamp 52-61)
Schedule 9 -Variance Analysis (Bates Stamp 62)
Schedule 19- Revised EE factor calculations (Bates Stamp 109-126)
Schedule 20- Revised environmental surcharge (Bates Stamp Page 127)

These revisions are the same for both the confidential and redacted versions of the Company's initial cost of gas filing and therefore only one set of copies is being provided. The changes were necessitated by changes to two components of the Company's local distribution adjustment charge, specifically elimination of certain expenses from the environmental charge surcharge and the inclusion of a \$1.2 million credit to customers in the calculation of the energy efficiency charge for commercial and industrial customers. The Company intends to provide a brief explanation of these changes through the testimony of Ms. Ann Leary at the hearing on October 17.

Debra A. Howland
October 14, 2011
Page 2

Please let me know if you have any questions at all.

Sincerely,

A handwritten signature in black ink, appearing to read 'SVC', with a long horizontal flourish extending to the right.

Steven V. Camerino

SVC/ds

Enclosures

cc: Service List (via electronic mail)
D. Dickinson Henry
Michael Licata

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 87	LDAC Page 94	Total Rate	Delivery Charge	Cost of Gas Rate Page 87	LDAC Page 94	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$ 11.98			\$ 11.98	\$ 11.98			\$ 11.98
All therms	\$ 0.1583	\$ 0.7926	\$ 0.0694	\$ 1.0203	\$ 0.1583	\$ 0.7585	\$ 0.0693	\$ 0.9861
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 17.33			\$ 17.33	\$ 17.33			\$ 17.33
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.2741	\$ 0.7926	\$ 0.0694	\$ 1.1361	\$ 0.2741	\$ 0.7585	\$ 0.0693	\$ 1.1019
All therms over the first block per month at	\$ 0.2265	\$ 0.7926	\$ 0.0694	\$ 1.0885	\$ 0.2265	\$ 0.7585	\$ 0.0693	\$ 1.0543
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 6.93			\$ 6.93	\$ 6.93			\$ 6.93
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.1096	\$ 0.7926	\$ 0.0694	\$ 0.9716	\$ 0.1096	\$ 0.7585	\$ 0.0693	\$ 0.9374
All therms over the first block per month at	\$ 0.0906	\$ 0.7926	\$ 0.0694	\$ 0.9526	\$ 0.0906	\$ 0.7585	\$ 0.0693	\$ 0.9184
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 40.77			\$ 40.77	\$ 40.77			\$ 40.77
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3254	\$ 0.7929	\$ 0.0370	\$ 1.1553	\$ 0.3254	\$ 0.7624	\$ 0.0474	\$ 1.1352
All therms over the first block per month at	\$ 0.2116	\$ 0.7929	\$ 0.0370	\$ 1.0415	\$ 0.2116	\$ 0.7624	\$ 0.0474	\$ 1.0214
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 122.32			\$ 122.32	\$ 122.32			\$ 122.32
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.3041	\$ 0.7929	\$ 0.0370	\$ 1.1340	\$ 0.3041	\$ 0.7624	\$ 0.0474	\$ 1.1139
All therms over the first block per month at	\$ 0.2009	\$ 0.7929	\$ 0.0370	\$ 1.0308	\$ 0.2009	\$ 0.7624	\$ 0.0474	\$ 1.0107
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 524.96			\$ 524.96	\$ 524.96			\$ 524.96
All therms over the first block per month at	\$ 0.1867	\$ 0.7929	\$ 0.0370	\$ 1.0166	\$ 0.0854	\$ 0.7624	\$ 0.0474	\$ 0.8952
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 40.77			\$ 40.77	\$ 40.77			\$ 40.77
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.1741	\$ 0.7911	\$ 0.0370	\$ 1.0022	\$ 0.1741	\$ 0.7515	\$ 0.0474	\$ 0.9730
All therms over the first block per month at	\$ 0.1124	\$ 0.7911	\$ 0.0370	\$ 0.9405	\$ 0.1124	\$ 0.7515	\$ 0.0474	\$ 0.9113
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 122.32			\$ 122.32	\$ 122.32			\$ 122.32
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.1684	\$ 0.7911	\$ 0.0370	\$ 0.9965	\$ 0.1237	\$ 0.7515	\$ 0.0474	\$ 0.9226
All therms over the first block per month at	\$ 0.1143	\$ 0.7911	\$ 0.0370	\$ 0.9424	\$ 0.0713	\$ 0.7515	\$ 0.0474	\$ 0.8702
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 540.25			\$ 540.25	\$ 540.25			\$ 540.25
All therms over the first block per month at	\$ 0.1202	\$ 0.7911	\$ 0.0370	\$ 0.9483	\$ 0.0575	\$ 0.7515	\$ 0.0474	\$ 0.8564
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 540.25			\$ 540.25	\$ 540.25			\$ 540.25
All therms over the first block per month at	\$ 0.0415	\$ 0.7911	\$ 0.0370	\$ 0.8696	\$ 0.0224	\$ 0.7515	\$ 0.0474	\$ 0.8213

Issued: October 17, 2011
Effective: November 1, 2011

Issued: By _____
Daniel G. Saad
Title: Vice President, Gas Operations

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>

Local Distribution Adjustment Charge Calculation

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

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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
 5

7 November 1, 2011 - April 30, 2012

8 Residential Heating (RH)

		Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Winter Nov-Apr
11	Typical Usage (Therms)	109	153	187	188	166	132	932
12	07/01/2011 04/01/2011							
13	Winter:							
14	Cust. Chg	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$103.98
15	Headblock	\$0.2741	\$0.2714	\$27.41	\$27.41	\$27.41	\$27.41	\$164.46
16	Tailblock	\$0.2265	\$0.2243	\$2.04	\$11.33	\$19.71	\$19.93	\$75.20
17	HB Threshold	100	100					
18	Summer:							
19	Cust. Chg	\$17.33	\$17.16					
20	Headblock	\$0.2741	\$0.2714					
21	Tailblock	\$0.2265	\$0.2243					
22	HB Threshold	20	20					
23	Total Base Rate Amount	\$46.78	\$56.07	\$64.45	\$64.67	\$59.69	\$51.99	\$343.64
24	CGA Rate - (Seasonal)	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926
25	CGA amount	\$96.39	\$118.89	\$148.22	\$149.01	\$131.57	\$104.62	\$738.70
26	LDAC	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694
27	LDAC amount	\$7.56	\$10.40	\$12.97	\$13.04	\$11.51	\$9.16	\$64.64
28	Total Bill	\$140.73	\$185.36	\$225.63	\$226.72	\$202.77	\$165.77	\$1,146.90

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	59	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	\$0.7684	\$0.7581	\$0.7585	\$0.7515	\$0.7821
\$65.93	\$40.86	\$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
\$8.24	\$3.81	\$2.08	\$2.08	\$2.91	\$4.92	\$22.04	\$86.68
\$110.46	\$75.11	\$49.99	\$50.81	\$62.55	\$93.14	\$442.05	\$1,589.03

26 Residential Heating (RH)

		Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
39	Typical Usage (Therms)	109	150	187	188	166	132	932
40	07/01/2010 06/01/2010							
41	Winter:							
42	Cust. Chg	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$17.16	\$96.06
43	Headblock	\$0.2774	27.74	27.74	27.74	27.74	27.14	\$165.84
44	Tailblock	\$0.2091	\$1.88	\$10.46	\$18.19	\$18.40	\$13.80	\$69.91
45	HB Threshold	100						
46	Summer:							
47	Cust. Chg	\$15.78	\$15.62					
48	Headblock	\$0.2774	\$0.2747					
49	Tailblock	\$0.2091	\$0.2070					
50	HB Threshold	20	20					
51	Total Base Rate Amount	\$45.40	\$53.99	\$61.71	\$61.92	\$57.32	\$51.48	\$331.81
52	CGA Rate - (Seasonal)	\$14.03	\$0.8220	\$0.7659	\$0.7690	\$0.8348	\$0.7990	\$0.8029
53	CGA amount	\$0.2467	\$89.60	\$114.88	\$147.54	\$152.24	\$138.57	\$748.29
54	LDAC	\$0.1859	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641
55	LDAC amount	20	\$6.99	\$9.62	\$11.99	\$12.05	\$10.64	\$59.74
56	Total Bill	\$141.99	\$178.47	\$221.24	\$226.21	\$205.53	\$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
\$84.88	\$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
\$100.48	\$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	-0.86%	3.85%	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	\$27.70
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

00000052

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
 5
 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
9 Typical Usage (Therms)	163	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	\$244.62
12 Headblock	\$0.3254	\$0.3222	\$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
14 HB Threshold	100	100					\$15.02
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	\$86.33	\$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	\$8.65	\$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	\$40.37	\$237.62
40 Headblock	\$0.3344	\$0.3344	\$33.44	\$33.44	\$33.44	\$32.22	\$199.42
41 Tailblock	\$0.2175	\$0.2175	\$20.23	\$36.76	\$43.07	\$35.24	\$29.15
42 HB Threshold	100						\$14.87
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	\$93.12	\$109.65	\$115.96	\$108.13	\$102.04	\$87.46	\$616.34
49 CGA Rate - (Seasonal)	\$0.8234	\$0.7673	\$0.7904	\$0.8112	\$0.8362	\$0.8004	\$0.8030
50 CGA amount	\$158.92	\$206.40	\$235.53	\$212.53	\$195.66	\$136.87	\$1,145.90
51 LDAC	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
52 LDAC amount	\$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%	1.56%	-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%	2.86%	-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
\$87.14	\$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
\$39.45	\$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	\$40.16	\$239.58
\$16.76	\$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	\$994.52
\$0.7212	\$0.7128	\$0.7940	\$0.7305	\$0.7548	\$0.7087	\$0.7324	\$0.7828
\$84.38	\$87.74	\$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
7.86%	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
6.09%	8.70%	-0.11%	12.29%	4.66%	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 Filing
4 Annual Bill Comparisons, Nov 10 - Apr 11 vs Nov 11 - Apr 12 - Commercial Rate G-42
5
6

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
9	10	11	12	13	14	15	16	17	18
11	12	13	14	15	16	17	18	19	20
12	13	14	15	16	17	18	19	20	21
13	14	15	16	17	18	19	20	21	22
14	15	16	17	18	19	20	21	22	23
15	16	17	18	19	20	21	22	23	24
16	17	18	19	20	21	22	23	24	25
17	18	19	20	21	22	23	24	25	26
18	19	20	21	22	23	24	25	26	27
19	20	21	22	23	24	25	26	27	28
20	21	22	23	24	25	26	27	28	29
21	22	23	24	25	26	27	28	29	30
22	23	24	25	26	27	28	29	30	31
23	24	25	26	27	28	29	30	31	32
24	25	26	27	28	29	30	31	32	33
25	26	27	28	29	30	31	32	33	34
26	27	28	29	30	31	32	33	34	35
27	28	29	30	31	32	33	34	35	36
28	29	30	31	32	33	34	35	36	37
29	30	31	32	33	34	35	36	37	38
30	31	32	33	34	35	36	37	38	39
31	32	33	34	35	36	37	38	39	40
32	33	34	35	36	37	38	39	40	41
33	34	35	36	37	38	39	40	41	42
34	35	36	37	38	39	40	41	42	43
35	36	37	38	39	40	41	42	43	44
36	37	38	39	40	41	42	43	44	45
37	38	39	40	41	42	43	44	45	46
38	39	40	41	42	43	44	45	46	47
39	40	41	42	43	44	45	46	47	48
40	41	42	43	44	45	46	47	48	49
41	42	43	44	45	46	47	48	49	50
42	43	44	45	46	47	48	49	50	51
43	44	45	46	47	48	49	50	51	52
44	45	46	47	48	49	50	51	52	53
45	46	47	48	49	50	51	52	53	54
46	47	48	49	50	51	52	53	54	55
47	48	49	50	51	52	53	54	55	56
48	49	50	51	52	53	54	55	56	57
49	50	51	52	53	54	55	56	57	58
50	51	52	53	54	55	56	57	58	59
51	52	53	54	55	56	57	58	59	60
52	53	54	55	56	57	58	59	60	61
53	54	55	56	57	58	59	60	61	62
54	55	56	57	58	59	60	61	62	63
55	56	57	58	59	60	61	62	63	64
56	57	58	59	60	61	62	63	64	65
57	58	59	60	61	62	63	64	65	66
58	59	60	61	62	63	64	65	66	67
59	60	61	62	63	64	65	66	67	68
60	61	62	63	64	65	66	67	68	69
61	62	63	64	65	66	67	68	69	70
62	63	64	65	66	67	68	69	70	71
63	64	65	66	67	68	69	70	71	72
64	65	66	67	68	69	70	71	72	73
65	66	67	68	69	70	71	72	73	74
66	67	68	69	70	71	72	73	74	75
67	68	69	70	71	72	73	74	75	76
68	69	70	71	72	73	74	75	76	77
69	70	71	72	73	74	75	76	77	78
70	71	72	73	74	75	76	77	78	79
71	72	73	74	75	76	77	78	79	80
72	73	74	75	76	77	78	79	80	81
73	74	75	76	77	78	79	80	81	82
74	75	76	77	78	79	80	81	82	83
75	76	77	78	79	80	81	82	83	84
76	77	78	79	80	81	82	83	84	85
77	78	79	80	81	82	83	84	85	86
78	79	80	81	82	83	84	85	86	87
79	80	81	82	83	84	85	86	87	88
80	81	82	83	84	85	86	87	88	89
81	82	83	84	85	86	87	88	89	90
82	83	84	85	86	87	88	89	90	91
83	84	85	86	87	88	89	90	91	92
84	85	86	87	88	89	90	91	92	93
85	86	87	88	89	90	91	92	93	94
86	87	88	89	90	91	92	93	94	95
87	88	89	90	91	92	93	94	95	96
88	89	90	91	92	93	94	95	96	97
89	90	91	92	93	94	95	96	97	98
90	91	92	93	94	95	96	97	98	99
91	92	93	94	95	96	97	98	99	100
92	93	94	95	96	97	98	99	100	101
93	94	95	96	97	98	99	100	101	102
94	95	96	97	98	99	100	101	102	103
95	96	97	98	99	100	101	102	103	104
96	97	98	99	100	101	102	103	104	105
97	98	99	100	101	102	103	104	105	106
98	99	100	101	102	103	104	105	106	107
99	100	101	102	103	104	105	106	107	108
100	101	102	103	104	105	106	107	108	109
101	102	103	104	105	106	107	108	109	110
102	103	104	105	106	107	108	109	110	111
103	104	105	106	107	108	109	110	111	112
104	105	106	107	108	109	110	111	112	113
105	106	107	108	109	110	111	112	113	114
106	107	108	109	110	111	112	113	114	115
107	108	109	110	111	112	113	114	115	116
108	109	110	111	112	113	114	115	116	117
109	110	111	112	113	114	115	116	117	118
110	111	112	113	114	115	116	117	118	119
111	112	113	114	115	116	117	118	119	120
112	113	114	115	116	117	118	119	120	121
113	114	115	116	117	118	119	120	121	122
114	115	116	117	118	119	120	121	122	123
115	116	117	118	119	120	121	122	123	124
116	117	118	119	120	121	122	123	124	125
117	118	119	120	121	122	123	124	125	126
118	119	120	121	122	123	124	125	126	127
119	120	121	122	123	124	125	126	127	128
120	121	122	123	124	125	126	127	128	129
121	122	123	124	125	126	127	128	129	130
122	123	124	125	126	127	128	129	130	131
123	124	125	126	127	128	129	130	131	132
124	125	126	127	128	129	130	131	132	133
125	126	127	128	129	130	131	132	133	134
126	127	128	129	130	131	132	133	134	135
127	128	129	130	131	132	133	134	135	136
128	129	130	131	132	133	134	135	136	137
129	130	131	132	133	134	135	136	137	138
130	131	132	133	134	135	136	137	138	139
131	132	133	134	135	136	137	138	139	140
132	133	134	135	136	137	138	139	140	141
133	134	135	136	137	138	139	140	141	142
134	135	136	137	138	139	140	141	142	143
135	136	137	138	139	140	141	142	143	144
136	137	138	139	140	141	142	143	144	145
137	138	139	140	141	142	143	144	145	146
138	139	140	141	142	143	144	145	146	147
139	140	141	142	143	144	145	146	147	148
140	141	142	143	144	145	146	147	148	149
141	142	143	144	145	146	147	148	149	150
142	143	144	1						

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
 5
 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
11 Typical Usage (Therms)	1,722	2,056	2,330	2,333	2,291	1,972	12,634
13 Winter: 07/01/2011 04/01/2011							
14 Cust. Chg \$122.32 \$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$733.92
15 Headblock \$0.1684 \$0.1667	\$168.40	\$168.40	\$168.40	\$168.40	\$168.40	\$168.40	\$1,010.40
16 Tailblock \$0.1143 \$0.1131	\$82.52	\$124.13	\$152.02	\$152.36	\$147.56	\$99.67	\$758.27
17 HB Threshold 1,000 1,000							
19 Summer:							
20 Cust. Chg \$122.32 \$121.11	\$122.32	\$121.11					
21 Headblock \$0.1237 \$0.1225	\$0.1237	\$0.1225					
22 Tailblock \$0.0713 \$0.0705	\$0.0713	\$0.0705					
23 HB Threshold 1,000 1,000							
25 Total Base Rate Amount	\$373.24	\$414.65	\$442.74	\$443.08	\$439.28	\$390.39	\$2,502.59
27 CGA Rate - (Seasonal)	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911
28 CGA amount	\$1,362.27	\$1,650.23	\$1,843.26	\$1,845.64	\$1,812.41	\$1,480.94	\$9,994.76
30 LDAC	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370
31 LDAC amount	\$63.64	\$77.09	\$86.11	\$86.22	\$84.67	\$69.18	\$466.91
33 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
39 Typical Usage (Therms)	1,722	2,026	2,330	2,333	2,291	1,872	12,634
41 Winter: 07/01/2010 09/01/2010							
42 Cust. Chg \$112.73 \$111.63	\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11	\$684.76
43 Headblock \$0.1692 \$0.1684	\$169.20	\$169.20	\$169.20	\$169.20	\$169.20	\$166.70	\$1,012.70
44 Tailblock \$0.1148 \$0.1148	\$82.89	\$124.67	\$152.68	\$153.03	\$148.21	\$98.62	\$760.10
45 HB Threshold 1,000 1,000							
47 Summer:							
48 Cust. Chg \$112.73 \$111.63	\$112.73	\$111.63					
49 Headblock \$0.1244 \$0.1232	\$0.1244	\$0.1232					
50 Tailblock \$0.0716 \$0.0709	\$0.0716	\$0.0709					
51 HB Threshold 1,000 1,000							
53 Total Base Rate Amount	\$364.82	\$406.60	\$434.61	\$434.96	\$430.14	\$386.43	\$2,457.56
55 CGA Rate - (Seasonal)	\$0.8185	\$0.7825	\$0.7856	\$0.8064	\$0.8314	\$0.7956	\$0.7999
56 CGA amount	\$1,409.63	\$1,590.54	\$1,830.40	\$1,881.27	\$1,904.64	\$1,489.36	\$10,105.84
58 LDAC	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422
59 LDAC amount	\$72.67	\$88.03	\$98.33	\$98.45	\$96.68	\$79.00	\$533.15
61 Total Bill	\$1,847.11	\$2,085.17	\$2,363.34	\$2,414.68	\$2,431.46	\$1,854.79	\$13,096.55

63 DIFFERENCE:

64 Total Bill	(\$47.96)	\$57.01	\$8.78	(\$39.74)	(\$96.10)	(\$14.28)	(\$132.30)
65 % Change	-2.60%	2.73%	0.37%	-1.65%	-3.95%	-0.73%	-1.01%
67 Base Rate	\$8.43	\$8.25	\$8.13	\$8.12	\$8.14	\$3.96	\$45.03
68 % Change	2.31%	2.03%	1.67%	1.87%	1.89%	1.02%	1.83%
70 CGA & LDAC	(\$56.38)	\$48.76	\$0.65	(\$47.87)	(\$104.24)	(\$18.24)	(\$177.32)
71 % 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	\$269.98	\$263.69	\$259.57	\$260.99	\$260.12	\$1,602.85	\$4,105.44
\$0.7256	\$0.7359	\$0.7542	\$0.7814	\$0.7511	\$0.7515	\$0.7467	\$0.7748
\$1,095.66	\$1,011.13	\$940.49	\$929.87	\$908.83	\$994.89	\$5,880.95	\$15,575.71
\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0474	\$0.0410
\$71.57	\$65.13	\$58.11	\$56.41	\$57.35	\$62.76	\$372.33	\$699.24
\$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	\$868.11	\$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	\$25.89	\$152.39	\$695.54
\$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	\$8.79	\$8.14	\$80.14	\$125.16
14.89%	3.30%	3.46%	3.52%	3.50%	3.98%	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%	3.26%	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

	Winter 2010-11	Winter 2011-12
6 Customer Charge	\$15.78	\$17.33
7 First 100 Therms	\$0.2774	\$0.2741
8 Excess 100 Therms	\$0.2081	\$0.2265
9 LDAC	\$0.0641	\$0.0694
10 CGA	\$0.8929	\$0.7926
11 Total Adjust	\$0.8670	\$0.8620

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

\$ Impact	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%	-\$0.21	-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%	\$1.78	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
 5
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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
Typical Usage (Therms)	55	92	144	148	123	80	641
Winter:							
Cust. Chg	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$17.33	\$103.98
Headblock	\$0.2741	\$0.2714	\$14.94	\$25.27	\$27.41	\$27.41	\$144.36
Tailblock	\$0.2265	\$0.2243	\$0.00	\$0.00	\$9.50	\$10.76	\$5.17
HB Threshold	100	100					\$25.83
Summer:							
Cust. Chg	\$17.33	\$17.16					
Headblock	\$0.2741	\$0.2714					
Tailblock	\$0.2265	\$0.2243					
HB Threshold	20	20					
Total Base Rate Amount	\$32.27	\$42.60	\$54.64	\$55.50	\$49.91	\$39.25	\$274.17
CGA Rate - (Seasonal)	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926	\$0.7926
CGA amount	\$43.21	\$73.07	\$113.69	\$116.91	\$97.35	\$63.39	\$507.82
LDAC	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694	\$0.0694
LDAC amount	\$3.78	\$6.39	\$9.97	\$10.23	\$8.52	\$5.55	\$44.44
Total Bill	\$79.26	\$122.05	\$178.49	\$182.64	\$155.78	\$108.18	\$825.42

	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Winter Nov-Apr
Typical Usage (Therms)	55	92	144	148	123	80	641
Winter:							
Cust. Chg	\$15.78	\$15.78	\$15.78	\$15.78	\$15.78	\$17.16	\$96.05
Headblock	\$0.2774	15.12	25.57	27.74	27.74	21.70	\$145.62
Tailblock	\$0.2091	\$0.00	\$0.00	\$9.14	\$9.93	\$4.77	\$0.00
HB Threshold	100						\$23.84
Summer:							
Cust. Chg	\$15.78	\$15.62					
Headblock	\$0.2774	\$0.2747					
Tailblock	\$0.2091	\$0.2070					
HB Threshold	20	20					
Total Base Rate Amount	\$30.90	\$41.35	\$52.66	\$53.45	\$48.29	\$38.86	\$265.52
CGA Rate - (Seasonal)	\$14.03	\$0.8220	\$0.7659	\$0.7890	\$0.8098	\$0.8348	\$0.7990
CGA amount	\$0.2467	\$44.81	\$70.61	\$113.37	\$119.45	\$102.53	\$63.90
LDAC	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641	\$0.0641
LDAC amount	\$3.49	\$5.91	\$9.21	\$9.46	\$7.87	\$5.13	\$41.07
Total Bill	\$70.21	\$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
Total Bill	\$0.05	\$4.19	\$3.26	\$0.29	(\$2.92)	\$0.28	\$5.17
% Change	0.07%	3.56%	1.86%	0.16%	-1.84%	0.27%	0.63%
Base Rate	\$1.37	\$1.25	\$1.98	\$2.05	\$1.62	\$0.39	\$8.85
% Change	4.43%	3.01%	3.76%	3.83%	3.35%	0.99%	3.26%
CGA & LDAC	(\$1.32)	\$2.95	\$1.28	(\$1.76)	(\$4.53)	(\$0.09)	(\$3.47)
% Change	-2.94%	4.17%	1.13%	-1.47%	-4.42%	-0.14%	-0.68%
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
Typical Usage (Therms)	53	29	18	15	16	24	156	796
Winter:								
Cust. Chg	\$17.16	\$17.16	\$17.33	\$17.33	\$17.33	\$17.33	\$103.64	\$207.62
Headblock	\$5.43	\$5.43	\$4.84	\$4.21	\$4.46	\$5.48	\$29.85	\$174.21
Tailblock	\$7.51	\$2.07	\$0.00	\$0.00	\$0.00	\$0.00	\$10.38	\$36.21
HB Threshold								
Total Base Rate Amount	\$30.10	\$24.66	\$22.17	\$21.54	\$21.79	\$23.61	\$143.87	\$418.04
CGA Rate - (Seasonal)	\$0.7326	\$0.7429	\$0.7612	\$0.7884	\$0.7581	\$0.7585	\$0.7499	\$0.7843
CGA amount	\$39.18	\$21.72	\$13.45	\$12.11	\$12.33	\$17.84	\$116.64	\$624.45
LDAC	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693	\$0.0693
LDAC amount	\$3.71	\$2.03	\$1.22	\$1.06	\$1.13	\$1.63	\$10.78	\$55.22
Total Bill	\$72.99	\$46.41	\$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
Typical Usage (Therms)	90	55	30	30	42	71	156	796
Winter:								
Cust. Chg	\$14.03	\$15.62	\$15.78	\$15.78	\$15.78	\$15.78	\$92.77	\$188.83
Headblock	\$4.93	\$5.49	\$5.55	\$5.55	\$5.55	\$5.55	\$32.62	\$178.24
Tailblock	\$13.01	\$7.25	\$2.09	\$2.09	\$4.60	\$10.66	\$39.70	\$63.55
HB Threshold								
Total Base Rate Amount	\$31.99	\$28.36	\$23.42	\$23.42	\$25.93	\$31.99	\$165.09	\$430.62
CGA Rate - (Seasonal)	\$0.7209	\$0.7125	\$0.7937	\$0.7302	\$0.7545	\$0.7084	\$1.4901	\$0.9374
CGA amount	\$64.68	\$39.19	\$23.81	\$21.91	\$31.69	\$50.30	\$231.77	\$746.43
LDAC	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0404	\$0.0826	\$0.0677
LDAC amount	\$3.64	\$2.22	\$1.21	\$1.21	\$1.70	\$2.87	\$12.85	\$53.92
Total Bill	\$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
Total Bill	(\$27.51)	(\$21.35)	(\$11.60)	(\$11.82)	(\$24.07)	(\$42.07)	(\$138.42)
% Change	-27.37%	-30.62%	-23.94%	-25.39%	-40.57%	-49.41%	-33.79%
Base Rate	(\$1.88)	(\$3.70)	(\$1.25)	(\$1.88)	(\$4.14)	(\$6.38)	(\$21.22)
% Change	-5.87%	-13.04%	-5.32%	-8.02%	-15.96%	-26.20%	-12.85%
CGA & LDAC	(\$25.63)	(\$17.65)	(\$10.35)	(\$9.94)	(\$19.93)	(\$33.69)	(\$117.20)
% Change	-39.53%	-45.07%	-43.47%	-45.37%	-62.88%	-66.93%	-50.57%
check	\$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 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
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	\$284.62
17	HB Threshold	100 100							
19	Summer:								
20	Cust. Chg	\$40.77 \$40.37							
21	Headblock	\$0.3254 \$0.3222							
22	Tailblock	\$0.2116 \$0.2095							
23	HB Threshold	20 20							
25	Total Base Rate Amount		\$82.25	\$108.31	\$150.75	\$153.67	\$136.27	\$103.22	\$734.48
27	CGA Rate - (Seasonal)		\$0.7929	\$0.7929	\$0.7923	\$0.7929	\$0.7929	\$0.7929	\$0.7929
28	CGA amount		\$112.75	\$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
39	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	\$40.37		\$237.62
43	Headblock	\$0.3344	33.44	33.44	33.44	33.44	32.22		\$199.42
44	Tailblock	\$0.2175	\$9.19	\$35.98	\$79.61	\$82.60	\$64.71	\$29.61	\$301.71
45	HB Threshold	100							
47	Summer:								
48	Cust. Chg	\$39.45 \$39.07							
49	Headblock	\$0.3344 \$0.3312							
50	Tailblock	\$0.2175 \$0.2154							
51	HB Threshold	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	\$0.8204	\$0.7673	\$0.7904	\$0.8112	\$0.8362	\$0.8004	\$0.8050
55	CGA amount	\$0.2974	\$117.12	\$203.65	\$368.32	\$389.19	\$332.39	\$193.16	\$1,603.87
57	LDAC	\$0.1934	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
58	LDAC amount	20	\$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%
66	Base Rate		\$3.17	(\$0.55)	(\$1.74)	(\$1.82)	(\$1.34)	\$1.02	(\$4.25)
67	% Change		0.21%	-0.51%	-1.14%	-1.17%	-0.97%	0.99%	-0.58%
69	CGA & LDAC		(\$5.08)	\$5.41	(\$1.27)	(\$11.28)	(\$19.28)	(\$3.05)	(\$34.58)
70	% Change		-4.34%	2.66%	-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
	142	68	36	31	34	52	363	2,355
	\$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
	\$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	\$1,068.20
	\$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	\$0.0396
	\$6.74	\$3.22	\$1.70	\$1.46	\$1.60	\$2.46	\$17.19	\$90.82
	\$185.99	\$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	68	36	31	34	52	363	2,355
	\$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
	\$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	\$3,010.90

	\$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%	12.29%	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
 5
 6
 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)		1,330	2,185	3,517	3,614	3,148	2,198	15,992
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	\$66.37	\$238.11	\$505.67	\$525.16	\$431.51	\$240.67	\$2,007.49
17	HB Threshold	1,000 1,000							
18	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	Total Base Rate Amount		\$492.79	\$654.53	\$932.09	\$951.58	\$857.93	\$667.09	\$4,566.01
26	CGA Rate - (Seasonal)		\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929	\$0.7929
28	CGA amount		\$1,054.83	\$1,732.69	\$2,788.64	\$2,865.58	\$2,495.94	\$1,742.78	\$12,680.45
29	LDAC		\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370
31	LDAC amount		\$49.16	\$80.76	\$129.99	\$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

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)		1,330	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 \$111.63	\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11	\$684.76
43	Headblock	\$0.2971 \$0.2942	\$297.10	\$297.10	\$297.10	\$297.10	\$297.10	\$01.10	\$1,786.80
44	Tailblock	\$0.1962 \$0.1943	\$64.81	\$232.54	\$493.94	\$512.88	\$421.41	\$238.28	\$1,963.76
45	HB Threshold	1,000 1,000							
46	Summer:								
48	Cust. Chg	\$112.73 \$111.63							
49	Headblock	\$0.2971 \$0.2942							
52	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)	\$100.24	\$0.8234	\$0.7673	\$0.7904	\$0.8112	\$0.8382	\$0.8004	\$0.8051
56	CGA amount	\$0.2642 \$0.1745	\$1,095.40	\$1,678.70	\$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
59	LDAC amount		\$56.14	\$92.22	\$148.42	\$152.51	\$132.94	\$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

63 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%	-1.46%	-3.50%	-0.85%	-0.82%
66	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)
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
1,386	725	342	383	367	591	3,602	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	\$282.03	\$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	\$662.79	\$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	\$228.30	\$221.68	\$269.14	\$1,604.19	\$6,039.32
\$0.7212	\$0.7128	\$0.7940	\$0.7305	\$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	\$22,431.86

\$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%	3.45%	3.14%	3.13%	3.21%	1.00%	2.95%	4.21%
\$60.03	\$44.96	(\$0.31)	\$34.93	\$12.91	\$48.32	\$200.87	(\$77.41)
6.00%	8.70%	-0.11%	12.39%	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

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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
11 Typical Usage (Therma)	1,796	2,080	2,634	2,735	2,484	2,091	13,821
13 Winter: 07/01/2011 04/01/2011							
14 Cust. Chg \$122.32 \$121.11	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$122.32	\$733.92
15 Headblock \$0.1694 \$0.1667	\$168.40	\$168.40	\$168.40	\$168.40	\$168.40	\$168.40	\$1,010.40
16 Tailblock \$0.1143 \$0.1131	\$99.99	\$123.45	\$186.82	\$198.34	\$169.66	\$124.65	\$893.92
17 HB Threshold 1,000 1,000							
19 Summer:							
20 Cust. Chg \$122.32 \$121.11							
21 Headblock \$0.1237 \$0.1225							
22 Tailblock \$0.0713 \$0.0705							
23 HB Threshold 1,000 1,000							
25 Total Base Rate Amount	\$391.71	\$414.17	\$477.54	\$489.06	\$460.38	\$415.37	\$2,638.24
27 CGA Rate - (Seasonal)	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911	\$0.7911
28 CGA amount	\$1,420.85	\$1,645.53	\$2,084.15	\$2,163.89	\$1,965.35	\$1,653.86	\$10,933.63
30 LDAC	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	\$0.0370	0.0370
31 LDAC amount	\$66.38	\$76.87	\$97.36	\$101.09	\$91.81	\$77.25	\$510.77
33 Total Bill	\$1,868.94	\$2,186.57	\$2,669.06	\$2,754.04	\$2,517.54	\$2,146.50	\$14,082.54

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
39 Typical Usage (Therma)	1,796	2,080	2,634	2,735	2,484	2,091	13,821
41 Winter: 07/01/2010 06/01/2010							
42 Cust. Chg \$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$112.73	\$121.11	\$684.76
43 Headblock \$0.1692	169.20	169.20	169.20	169.20	169.20	166.70	\$1,012.70
44 Tailblock \$0.1148	\$91.39	\$123.99	\$187.64	\$199.21	\$170.40	\$123.35	\$895.97
45 HB Threshold 1,000							
47 Summer:							
48 Cust. Chg \$112.73 \$111.63							
49 Headblock \$0.1244 \$0.1232							
50 Tailblock \$0.0716 \$0.0709							
51 HB Threshold 1,000 1,000							
53 Total Base Rate Amount	\$373.32	\$405.92	\$469.57	\$481.14	\$452.33	\$411.16	\$2,593.43
55 CGA Rate - (Seasonal) 08/01/2009 \$100.24	\$0.8196	\$0.7625	\$0.7856	\$0.8064	\$0.8314	\$0.7956	\$0.8003
56 CGA amount \$0.1106	\$1,470.24	\$1,596.00	\$2,089.60	\$2,205.67	\$2,065.36	\$1,663.27	\$11,060.15
58 LDAC \$0.0637	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	\$0.0422	0.0422
59 LDAC amount 1,000	\$75.79	\$87.78	\$111.18	\$115.43	\$104.84	\$88.22	\$593.24
61 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:

64 Total Bill	(\$50.42)	\$56.87	\$8.71	(\$48.20)	(\$104.99)	(\$16.15)	(\$154.18)
65 % Change	-2.63%	2.73%	0.33%	-1.72%	-4.00%	-0.75%	-1.08%
67 Base Rate	\$8.39	\$9.25	\$7.97	\$8.05	\$4.22	\$4.80	\$44.80
68 % Change	2.25%	2.03%	1.70%	1.65%	1.78%	1.03%	1.73%
70 CGA & LDAC	(\$58.81)	\$48.62	\$0.74	(\$56.12)	(\$113.04)	(\$20.37)	(\$198.98)
71 % 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	\$1,455.42
\$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	\$1,055.95
\$309.65	\$279.08	\$261.24	\$260.68	\$263.00	\$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	\$915.16	\$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%	1.29%
\$39.56	\$9.59	\$9.83	\$8.83	\$8.82	\$8.77	\$82.39	\$127.18
14.55%	3.17%	3.50%	3.51%	3.47%	3.28%	5.28%	3.06%
\$51.84	\$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
 4 Residential Heating

	Winter 2010-11	Winter 2011-12
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	\$0.8933	\$0.7926
11 Total Adjust	\$0.8674	\$0.8620

	Winter 2010-11 CGA @	Winter 2011-12 CGA @
12		
13		
14		
15		
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 \$67.30	\$68.45
28		
29	50 \$73.02	\$74.13
30		
31 Heating Alone	80 \$101.64	\$102.53
32		
33	125 \$165.76	\$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%

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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 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	

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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	
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
Gas Restructuring Expense Factor (GREF)		0.0000	
Rate Case Expense Factor (RCEF)		0.0116	Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		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	
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
Gas Restructuring Expense Factor (GREF)		0.0000	
Rate Case Expense Factor (RCEF)		0.0116	Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		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	
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
Gas Restructuring Expense Factor (GREF)		0.0000	
Rate Case Expense Factor (RCEF)		0.0116	Rate Case Expense Calculation
Residential Low Income Assistance Program (RLIAP)		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
Stipulation 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	\$ -
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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	
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	223,503	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
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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
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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:														
1	<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		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate		
15		2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011		
Commercial Heating:														
16	<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		-	-	-	-	-	-	-	-	-	-	-	-	-
24	Under/(over)	-	-	-	-	-	-	-	-	-	-	-	-	-
25	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	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate		
32		2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011		
33	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	Therms sold - actual	1,569,461	3,695,531	6,902,047	9,967,760	10,904,734	9,430,576	7,059,975	3,540,848	1,858,289	1,340,459	1,046,982	1,126,822	58,453,482
2	Surcharge (Tariff Pg 94)	\$0.0006	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
3	Revenue - actual	942	-	-	-	-	-	-	-	-	-	-	-	942
4														
5														
6														
Commercial Heating:														
8	Therms sold - actual	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	Surcharge (Tariff Pg 94)	\$0.0000	\$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														
13	Total:													
14	Therms sold - actual	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	Revenue - actual	942	-	-	-	-	-	-	-	-	-	-	-	942

00000116

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	-	-	-	-	-	-	-	-	-	-	-	-	-

00000117

2010/2011 ENERGYNORTH LOST MARGIN SUMMARY

<u>Residential Heating</u>														
Line No.	Fiscal 2010	2010 Oct	2010 Nov	2010 Dec	2011 Jan	2011 Feb	2011 Mar	2011 Apr	2011 May	2011 June	2011 July	2011 Aug	2011 Sep	TOTAL
1	Lost Vol Therms (Pg 8 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	<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>	\$0
5	Lost Margin	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
6														
7														
8														
9	<u>Commercial and Industrial:</u>													
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	<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>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
17														
18														
19	<u>Total</u>													
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	<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>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

00000118

ENERGYNORTH 2010/2011 LOST MARGIN CALCULATION BACKUP

Line No. Actual ~~block~~ 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

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

Therms														Pg 6 Ln49	Pg 7 Ln48					
														FY 97	FY98	FY99	FY00	FY01		
40 CH - therm savings	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	Total	Total	Savings	Savings	Savings	Savings	Savings	
41 Oct-09															-	189	378	189	0	0
42 Nov-09															-	567	439	750	0	0
43 Dec-09															-	1,189	439	750	0	0
44 Jan-10															-	945	189	766	0	0
45 Feb-10															-	399	189	210	0	0
46 Mar-10															-	945	378	567	0	0
47 Apr-10															-	189	-	189	0	0
48 May-10															-	378	-	378	0	0
49 Jun-10															-	1,256	567	689	0	0
50 Jul-10															-	549	549	-	0	0
51 Aug-10															-	189	189	-	0	0
52 Sep-10															-	1,000	-	1,000	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	\$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	\$0						

00000119

**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**

Schedule 19
Energy Efficiency
Page 1 of 7

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	1,369,050	31
August 11	Forecast	(1,649,096)	(\$0.0525)	(64,895)	491,119	0	0	(1,222,672)	(1,435,894)	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)	(618,190)	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)	3,846	7,058,441	0	31
January 12	Forecast	3,846	(\$0.0498)	(493,047)	255,057	0	0	(234,144)	(115,149)	3.25%	(318)	(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%	(2,158)	(872,337)	7,485,784	0	30
May 12	Forecast	(872,337)	(\$0.0498)	(222,506)	255,057	0	0	(839,786)	(856,061)	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)	(624,121)	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	(36)	(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

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

Residential Non Heating Therm Sales	1%	1,032,484	1,000,804	1%
Residential Heating Therm Sales	37%	59,255,895	60,875,253	37%
C&I Therm Sales	62%	97,732,159	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	\$ 3,533,796	
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	

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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**

Schedule 19
Energy Efficiency
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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 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	6,506,762	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	(2,592,940)	(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%	(6,545)	(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)	7,675,149	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	(788,397)	(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

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 Energy Efficiency
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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 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	(4,437,990)	(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	(394,655)	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%	(3,438)	(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	(1,158,066)	(1,252,889)	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)	5,309,809	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	206,356	105,235	3.25%	261	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%	468	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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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 Thermo 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	1,062,890	1,536,336	1.419	3.80	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	2,319,690	1.318	7.10	6.14	0.86			
Residential High Efficiency Water Heating	\$ 81,768	150 Rebates	227,100	292,202	1.287	3.20	3.17	0.99			
Energy Star Windows	\$ 63,068	300 Rebates	168,225	128,412	0.763	2.81	3.08	1.10			
Energy Star Residential Controls	\$ 35,231	325 Rebates	254,625	\$60,535	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	650 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	\$ 86,450	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	1,647,595	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	591,395	2,562,717	4.333	2.56	29.21	11.39			
Commercial Building Practices & Technology Demonstration	\$ 215,301	6 Projects	2,369,277	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	\$ 1,426,793	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><u>\$0.0000</u></u>

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