

Revised Schedule 1B

**Northern Utilities - NEW HAMPSHIRE DIVISION
 COMMODITY COSTS**

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	SUMMER
Supply Volumes - Therms								
1 New Hampshire Sales Pipeline	1,352,617	1,087,250	1,060,564	1,079,060	1,170,198	1,747,568	23,024,066	7,497,257
2 New Hampshire Sales Storage	0	0	0	0	0	0	13,296,167	0
3 New Hampshire Sales Peaking	7,231	6,948	7,284	7,378	7,181	7,340	106,440	43,362
4 Total New Hampshire Firm Sales Sendout	1,359,848	1,094,199	1,067,848	1,086,438	1,177,378	1,754,908	36,426,674	7,540,619
5								
6 New Hampshire Interruptible Sendout (Pipeline)	0	0	0	0	0	0	0	0
7								
8 Total Firm Sendout	1,359,848	1,094,199	1,067,848	1,086,438	1,177,378	1,754,908	36,426,674	7,540,619
9 Total Firm Sales	1,346,492	1,083,360	1,057,284	1,075,722	1,165,799	1,737,916	36,081,030	7,466,573
10 Difference (LAUF & Company Use)	13,356	10,838	10,564	10,716	11,580	16,992	345,643	74,047
11 Percent Difference	0.98%	0.99%	0.99%	0.99%	0.98%	0.97%	0.95%	0.98%
12								
13 Variable Costs								
14 New Hampshire Sales Pipeline Commodity	\$ 333,585	\$ 280,279	\$ 287,158	\$ 300,858	\$ 331,525	\$ 512,565	\$ 9,604,691	\$ 2,045,969
15 New Hampshire Hedging (Gains) Losses	\$ 117,877	\$ -	\$ -	\$ -	\$ -	\$ 121,171	\$ 486,604	\$ 239,048
16 New Hampshire Total Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,021,299	\$ -
17 New Hampshire Total Peaking	\$ 3,869	\$ 3,619	\$ 3,707	\$ 3,680	\$ 3,521	\$ 3,548	\$ 63,797	\$ 21,944
18 New Hampshire Inventory Finance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,048	\$ -
19 Total New Hampshire Sales Variable Costs	\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 16,182,439	\$ 2,306,962
20 Total New Hampshire Sales Variable Costs Excld Hedges	\$ 337,454	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 516,113	\$ 15,695,835	\$ 2,067,914
21							\$ -	\$ -
22 New Hampshire Interruptible Commodity Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23 Total New Hampshire Commodity Costs	\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 16,182,439	\$ 2,306,962
24								
25 Supply Cost/Therm								
26 New Hampshire Sales Pipeline Commodity Excld Hedges	\$ 0.2466	\$ 0.2578	\$ 0.2708	\$ 0.2788	\$ 0.2833	\$ 0.2933	\$ 0.4172	\$ 0.2729
27 New Hampshire Hedging (Gains) Losses	\$ 0.0871	\$ -	\$ -	\$ -	\$ -	\$ 0.0693	\$ 0.0211	\$ 0.0319
28 New Hampshire Storage Excld Inventory Finance Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.4529	\$ -
29 New Hampshire Peaking Excld Inventory Finance Costs	\$ 0.5351	\$ 0.5208	\$ 0.5089	\$ 0.4988	\$ 0.4904	\$ 0.4834	\$ 0.5994	\$ 0.5061
30 New Hampshire Inventory Finance Costs per Dth Stor and F	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0005	\$ -
31 Weighted Average Cost per Dth Sendout	\$ 0.3348	\$ 0.2595	\$ 0.2724	\$ 0.2803	\$ 0.2846	\$ 0.3631	\$ 0.4442	\$ 0.3059
32								
33 New Hampshire Interruptible Cost / Therm	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34								
35 Commodity Costs								
36 Base Commodity, therms	1,077,155	1,042,408	1,067,860	1,077,155	1,042,408	1,077,155	12,708,083	6,384,141
37 Base Commodity Cost Excld Hedging	\$ 265,650	\$ 268,720	\$ 289,133	\$ 300,327	\$ 295,321	\$ 315,931	\$ 4,877,290	\$ 1,735,082
38 Base Hedging Commodity Cost	\$ 93,871	\$ -	\$ -	\$ -	\$ -	\$ 74,687	\$ 290,297	\$ 168,558
39 Remaining Commodity Excld Hedging	\$ 71,804	\$ 15,179	\$ 1,731	\$ 4,211	\$ 39,725	\$ 200,182	\$ 10,818,545	\$ 332,832
40 Remaining Hedging Commodity	\$ 24,006	\$ -	\$ -	\$ -	\$ -	\$ 46,484	\$ 196,307	\$ 70,490
41 Total Commodity Excld Hedging	\$ 337,454	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 516,113	\$ 15,695,835	\$ 2,067,914
42 Total Hedging	\$ 117,877	\$ -	\$ -	\$ -	\$ -	\$ 121,171	\$ 486,604	\$ 239,048
43 Total Commodity (Incl Hedging)	\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 16,182,439	\$ 2,306,962

**Northern Utilities - NEW HAMPSHIRE DIVISION
 COMMODITY COSTS**

Supply Volumes - Therms		
1	New Hampshire Sales Pipeline	Schedule 22, LN 9 * LN 60 * 10
2	New Hampshire Sales Storage	Schedule 22, LN 3 * LN 60 * 10
3	New Hampshire Sales Peaking	Schedule 22, LN 4 * LN 60 * 10
4	Total New Hampshire Firm Sales Sendout	Sum LN 1 : LN 3
5		
6	New Hampshire Interruptible Sendout (Pipeline)	Schedule 22, LN 7 * 10
7		
8	Total Firm Sendout	LN 4
9	Total Firm Sales	Schedule 10B, LN 11
10	Difference (LAUF & Company Use)	LN 8 - LN 9
11	Percent Difference	LN 10 / LN 8
12		
13	Variable Costs	
14	New Hampshire Sales Pipeline Commodity	Schedule 22, LN 74 * 10
15	New Hampshire Hedging (Gains) Losses	Schedule 22, LN 75 * 10
16	New Hampshire Total Storage	Schedule 22, LN 76 * 10
17	New Hampshire Total Peaking	Schedule 22, LN 77 * 10
18	New Hampshire Inventory Finance Charge	Schedule 22, LN 80 * 10
19	Total New Hampshire Sales Variable Costs	Sum LN 14 : LN 18
20	Total New Hampshire Sales Variable Costs Excl'd Hedges	LN 19 - LN 15
21		
22	New Hampshire Interruptible Commodity Costs	Schedule 22, LN 78
23	Total New Hampshire Commodity Costs	LN 19
24		
25	Supply Cost/Therm	
26	New Hampshire Sales Pipeline Commodity Excl'd Hedges	LN 14 / LN 1
27	New Hampshire Hedging (Gains) Losses	LN 15 / LN 1
28	New Hampshire Storage Excl'd Inventory Finance Costs	LN 16 / LN 2
29	New Hampshire Peaking Excl'd Inventory Finance Costs	LN 17 / LN 3
30	New Hampshire Inventory Finance Costs per Dth Stor and Peak	LN 18 / Sum (LN 2 : LN 3)
31	Weighted Average Cost per Dth Sendout	LN 19 / LN 8
32		
33	New Hampshire Interruptible Cost / Therm	LN 22 / LN 6
34		
35	Commodity Costs	
36	Base Commodity, therms	Schedule 10B, LN 64
37	Base Commodity Cost Excl'd Hedging	Min (LN 26 * LN 36), LN 19
38	Base Hedging Commodity Cost	Min (LN 27 * LN 36), (LN 19 - LN 37)
39	Remaining Commodity Excl'd Hedging	LN 20 - LN 37
40	Remaining Hedging Commodity	LN 15 - LN 38
41	Total Commodity Excl'd Hedging	LN 37 + LN 39
42	Total Hedging	LN 38 + LN 40
43	Total Commodity (Incl Hedging)	LN 41 + LN 42

Revised Schedule 3A

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

Sales Revenues		Winter						Summer						Total
		Oct-10	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	(Forecast) May-12	(Forecast) Jun-12	(Forecast) Jul-12	(Forecast) Aug-12	(Forecast) Sep-12	
1	Volumes													
2	Residential Heat & Non Heat							620,349	498,705	486,807	495,340	537,038	801,781	3,440,019
3	Sales HLF Classes							317,576	256,202	249,862	254,146	275,062	408,075	1,760,923
4	Sales LLF Classes							408,568	328,452	320,616	326,236	353,698	528,061	2,265,631
5	Total							1,346,492	1,083,360	1,057,284	1,075,722	1,165,799	1,737,916	7,466,573
6	Rates													
7	Residential Heat & Non Heat CGA							\$0.4264	\$0.4264	\$0.4264	\$0.4264	\$0.4264	\$0.4264	\$0.4264
8	Sales HLF Classes CGA							\$0.3835	\$0.3835	\$0.3835	\$0.3835	\$0.3835	\$0.3835	\$0.3835
9	Sales LLF Classes CGA							\$0.4597	\$0.4597	\$0.4597	\$0.4597	\$0.4597	\$0.4597	\$0.4597
10	Revenues													
11	Residential Heat & Non Heat							\$ (264,517)	\$ (212,648)	\$ (207,574)	\$ (211,213)	\$ (228,993)	\$ (341,879)	\$ (1,466,824)
12	Sales HLF Classes							\$ (121,790)	\$ (98,254)	\$ (95,822)	\$ (97,465)	\$ (105,486)	\$ (156,497)	\$ (675,314)
13	Sales LLF Classes							\$ (187,819)	\$ (150,990)	\$ (147,387)	\$ (149,971)	\$ (162,595)	\$ (242,750)	\$ (1,041,511)
14	Total Sales							\$ (574,126)	\$ (461,891)	\$ (450,783)	\$ (458,649)	\$ (497,075)	\$ (741,125)	\$ (3,183,649)
15														
16														
17	Gas Costs and Credits													
18														
19	Net Demand Costs (Net of Injection Fees & Cap. Assign.)							\$ 80,262	\$ 80,262	\$ 80,262	\$ 80,262	\$ 80,262	\$ 80,262	\$ 481,574
20	Pipeline							\$ 59,439	\$ 59,439	\$ 59,439	\$ 59,439	\$ 59,439	\$ 59,439	\$ 356,632
21	Storage							\$ 3,422	\$ 3,422	\$ 3,422	\$ 3,422	\$ 3,422	\$ 3,422	\$ 20,529
22	Peaking							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Total Demand Costs							\$ 143,123	\$ 143,123	\$ 143,123	\$ 143,123	\$ 143,123	\$ 143,123	\$ 858,736
25	NUI Commodity Costs													
26	NUI Total Pipeline Volumes							260,938	211,239	203,111	204,032	220,001	332,146	1,431,466
27	Pipeline Costs Modeled in Sendout™							\$ 801,396	\$ 666,854	\$ 654,543	\$ 664,562	\$ 719,858	\$ 1,108,708	\$ 4,615,921
28	NYMEX Price Used for Forecast							\$ 2,7120	\$ 2,8020	\$ 2,8700	\$ 2,9040	\$ 2,9140	\$ 2,9670	\$ 2,9670
29	NYMEX Price Used for Update							\$ 2,1070	\$ 2,2230	\$ 2,3550	\$ 2,4350	\$ 2,4750	\$ 2,5620	\$ 2,5620
30	Increase/(Decrease) NYMEX Price							\$ (1)	\$ (1)	\$ (1)	\$ (0)	\$ (0)	\$ (0)	\$ (0)
31	Increase/(Decrease) in Pipeline Costs							\$ (157,867)	\$ (122,307)	\$ (104,602)	\$ (95,691)	\$ (96,580)	\$ (134,519)	\$ (134,519)
32	Updated Pipeline Costs							\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 974,189
33	Interruptible Volumes - NH							0	0	0	0	0	0	0
34	Average Supply Cost (\$/MMBtu)							\$ 2.47	\$ 2.58	\$ 2.71	\$ 2.79	\$ 2.83	\$ 2.93	\$ 2.93
35	Interruptible Cost - NH							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Total Updated Pipeline Costs							\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 974,189
37	New Hampshire Allocated Percentage							51.84%	51.47%	52.22%	52.89%	53.19%	52.61%	52.61%
38	NH Updated Pipeline Costs							\$ 333,585	\$ 280,279	\$ 287,158	\$ 300,858	\$ 331,525	\$ 512,565	\$ 2,045,969
39	Hedging (Gain)/Loss Estimate													
40	Time Triggered NYMEX Contracts (Allocated between ME and NH)													
41	NYMEX NG Futures Contracts							12	0	0	0	0	14	14
42	Average Purchase Price							\$ 4,0020	\$ -	\$ -	\$ -	\$ -	\$ 4,2070	\$ 4,2070
43	NYMEX Price Used for Forecast							\$ 2,7120	\$ 2,8020	\$ 2,8700	\$ 2,9040	\$ 2,9140	\$ 2,9670	\$ 2,9670
44	NYMEX Price Used for Update							\$ 2,1070	\$ 2,2230	\$ 2,3550	\$ 2,4350	\$ 2,4750	\$ 2,5620	\$ 2,5620
45	Increase/(Decrease) NYMEX Price							\$ (0.6050)	\$ (0.5790)	\$ (0.5150)	\$ (0.4690)	\$ (0.4390)	\$ (0.4050)	\$ (0.4050)
46	NUI Futures Hedging (Gain)/Loss - Allocate							\$ 227,400	\$ -	\$ -	\$ -	\$ -	\$ 230,300	\$ 457,700
47	New Hampshire Allocated Percentage							51.84%	51.47%	52.22%	52.89%	53.19%	52.61%	52.61%
48	NH Futures Hedging (Gain)/Loss, Time Triggered							\$ 117,877	\$ -	\$ -	\$ -	\$ -	\$ 121,171	\$ 239,048
49	Price Triggered NYMEX Contracts (NH Only)													
50	NYMEX NG Futures Contracts							0	0	0	0	0	0	0
51	Average Purchase Price							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
52	NYMEX Price Used for Forecast							\$ 2,7120	\$ 2,8020	\$ 2,8700	\$ 2,9040	\$ 2,9140	\$ 2,9670	\$ 2,9670
53	NYMEX Price Used for Update							\$ 2,1070	\$ 2,2230	\$ 2,3550	\$ 2,4350	\$ 2,4750	\$ 2,5620	\$ 2,5620
54	Increase/(Decrease) NYMEX Price							\$ (0.6050)	\$ (0.5790)	\$ (0.5150)	\$ (0.4690)	\$ (0.4390)	\$ (0.4050)	\$ (0.4050)
55	NUI Futures Hedging (Gain)/Loss - Allocate							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56	New Hampshire Allocated Percentage							100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
57	NH Futures Hedging (Gain)/Loss, Price Triggered							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
58	NH Commodity Costs													
59	Pipeline Excl Hedging							\$ 333,585	\$ 280,279	\$ 287,158	\$ 300,858	\$ 331,525	\$ 512,565	\$ 2,045,969
60	Hedging (Gain)/Loss Estimate							\$ 117,877	\$ -	\$ -	\$ -	\$ -	\$ 121,171	\$ 239,048
61	Storage							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62	Peaking							\$ 3,869	\$ 3,619	\$ 3,707	\$ 3,680	\$ 3,521	\$ 3,548	\$ 21,944
63	Total Commodity Costs							\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 2,306,962

Revised Attachment to Schedule 5A
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Northern Utilities, Inc.
 Natural Gas Commodity Price Forecast
 Based upon NYMEX Settlement for April 9, 2012

Line	Estimated Adders to NYMEX Last Day Settlement					
	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
1 CHICAGO	\$0.063	\$0.063	\$0.063	\$0.063	\$0.063	\$0.063
2 PNGTS	\$0.360	\$0.360	\$0.360	\$0.360	\$0.360	\$0.360
3 LEWISTON	\$0.380	\$0.380	\$0.380	\$0.380	\$0.380	\$0.380
4 NIAGARA	\$0.357	\$0.357	\$0.357	\$0.357	\$0.357	\$0.357
5 TGP Z0	(\$0.079)	(\$0.079)	(\$0.079)	(\$0.079)	(\$0.079)	(\$0.079)
6 TGP Z1	(\$0.034)	(\$0.034)	(\$0.034)	(\$0.034)	(\$0.034)	(\$0.034)
7 TGP Z4	\$ 0.140	\$ 0.140	\$ 0.140	\$ 0.140	\$ 0.140	\$ 0.140
8 PEAK 1	NA	NA	NA	NA	NA	NA
9 PEAK 2	NA	NA	NA	NA	NA	NA
10 PEAK 3	NA	NA	NA	NA	NA	NA
11 LNG	\$0.395	\$0.395	\$0.395	\$0.395	\$0.395	\$0.395
12 W10 Supply	\$0.063	\$0.063	\$0.063	\$0.063	\$0.063	\$0.063
13 W10 AMA Spot	\$0.645	\$0.645	\$0.645	\$0.645	\$0.645	\$0.645
14						
15 NYMEX NG	\$2.107	\$2.223	\$2.355	\$2.435	\$2.475	\$2.562

Revised Schedule 8

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
Typical Residential Heating Bill - 1,250 therms/year
Comparison of Summer 2012 vs. Summer 2011

Northern Utilities, Inc.
 New Hampshire Division
 Revised Schedule 8
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	Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms	109	150	187	188	166	132	932							318	1,250
Winter 2011- 2012															
Customer Charge															
50 units @	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 57.00								
First	\$0.4395	\$21.98	\$21.98	\$21.98	\$21.98	\$21.98	\$131.85								
Over	\$0.3283	\$19.37	\$32.83	\$44.98	\$45.31	\$38.08	\$207.49								
COG 1	\$1.0837						\$118.12								
COG 2	\$1.0837	\$162.56					\$162.56								
COG 3	\$1.1560		\$216.17				\$216.17								
COG 4	\$1.1560			\$217.33			\$217.33								
COG 5	\$1.2961				\$215.15		\$215.15								
COG 6	\$1.2961					\$171.09	\$171.09								
Winter Period 2011-2012 Avg. COG	\$1.1807														
LDAC	\$0.0440	\$4.80	\$6.60	\$8.23	\$8.27	\$7.30	\$5.81	\$41.01							
Summer 2012															
Customer Charge															
50 units @	\$ 9.50							\$ 9.50	\$9.50	\$9.50	\$9.50	\$ 9.50	\$9.50	\$57.00	
First	\$0.4395							\$21.98	\$21.98	\$13.19	\$13.19	\$18.46	\$21.98	\$110.75	
Over	\$0.3283							\$13.13	\$1.64	\$0.00	\$0.00	\$0.00	\$6.89	\$21.67	
COG 1	\$0.4264							\$38.38						\$38.38	
COG 2	\$0.4264								\$23.45					\$23.45	
COG 3	\$0.4264									\$12.79				\$12.79	
COG 4	\$0.4264										\$12.79			\$12.79	
COG 5	\$0.4264											\$17.91		\$17.91	
COG 6	\$0.4264												\$30.27	\$30.27	
Summer Period 2012 Avg. COG	\$0.4264														
LDAC	\$ 0.0440							\$3.96	\$2.42	\$1.32	\$1.32	\$1.85	\$3.12	\$13.99	
TOTAL	\$173.76	\$233.46	\$300.85	\$302.38	\$292.01	\$235.29	\$1,537.76	\$86.94	\$58.99	\$36.80	\$36.80	\$47.72	\$71.77	\$339.01	\$1,876.77
Winter 2010 - 2011															
Customer Charge															
50 units @	\$ 9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$57.00								
First	\$0.4102	\$20.51	\$20.51	\$20.51	\$20.51	\$20.51	\$123.06								
Over	\$0.2990	\$17.64	\$29.90	\$40.96	\$41.26	\$34.68	\$188.97								
COG 1	\$1.0987						\$119.76								
COG 2	\$1.0736	\$161.04					\$161.04								
COG 3	\$1.1199		\$209.42				\$209.42								
COG 4	\$1.1615			\$218.36			\$218.36								
COG 5	\$1.1615				\$192.81		\$192.81								
COG 6	\$1.1615					\$153.32	\$153.32								
Winter Period 2010-2011 Avg. COG	\$1.1317														
LDAC	\$ 0.0456	\$4.97	\$6.84	\$8.53	\$8.57	\$7.57	\$6.02	\$42.50							
Summer 2011															
Customer Charge															
50 units @	\$ 9.50							\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$57.00	
First	\$0.4102							\$20.51	\$20.51	\$12.31	\$13.19	\$18.46	\$21.98	\$53.33	
Over	\$0.2990							\$11.96	\$1.50	\$0.00	\$0.00	\$0.00	\$6.89	\$13.46	
COG 1	\$0.6673							\$60.06						\$60.06	
COG 2	\$0.6673								\$36.70					\$36.70	
COG 3	\$0.5992									\$17.98				\$17.98	
COG 4	\$0.6685										\$20.06			\$20.06	
COG 5	\$0.5570											\$23.39		\$23.39	
COG 6	\$0.5570												\$39.55	\$39.55	
Summer Period 2011 Avg. COG	\$0.6218														
LDAC	\$ 0.0456							\$4.10	\$2.51	\$1.37	\$1.37	\$1.92	\$3.24	\$14.50	
TOTAL	\$172.38	\$227.79	\$288.92	\$298.21	\$265.07	\$213.87	\$1,466.24	\$106.13	\$70.71	\$41.15	\$44.11	\$53.27	\$81.15	\$396.53	\$1,862.76
Change	\$1.38	\$5.67	\$11.93	\$4.17	\$26.94	\$21.42	\$71.52	(\$19.19)	(\$11.73)	(\$4.35)	(\$7.31)	(\$5.55)	(\$9.39)	(\$57.52)	\$14.01
% Chg	0.80%	2.49%	4.13%	1.40%	10.16%	10.02%	4.88%	-18.08%	-16.58%	-10.58%	-16.58%	-10.42%	-11.57%	-14.51%	0.75%

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
Typical G-40 Commercial & Industrial Bill - 2,000 therms/year
Summer 2012 vs. Summer 2011

	Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual		
Typical Usage: therms	193	269	298	262	234	171	1,427	117	81	72	72	89	142	573	2,000		
Winter 2011 - 2012																	
Customer Charge	units @	\$ 18.70	\$18.70	\$18.70	\$18.70	\$18.70	\$18.70	\$112.20									
First	75 units @	\$0.3370	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$25.28	\$151.65			
Over	75 units @	\$0.2300	\$27.14	\$44.62	\$51.29	\$43.01	\$36.57	\$22.08						\$224.71			
	COG 1	\$1.1166	\$215.50											\$215.50			
	COG 2	\$1.1166	\$300.37											\$300.37			
	COG 3	\$1.1889		\$354.29										\$354.29			
	COG 4	\$1.1889			\$311.49									\$311.49			
	COG 5	\$1.3290				\$310.99								\$310.99			
	COG 6	\$1.3290					\$227.26							\$227.26			
Winter Period 2011-2012 Avg. COG		\$1.2053															
	LDAC	\$0.0233	\$4.50	\$6.27	\$6.94	\$6.10	\$5.45	\$3.98						\$33.25			
Summer 2012																	
Customer Charge	units @	\$ 18.70						\$ 18.70	\$18.70	\$18.70	\$18.70	\$ 18.70	\$18.70	\$112.20			
First	75 units @	\$0.3370						\$25.28	\$25.28	\$24.26	\$24.26	\$25.28	\$25.28	\$149.63			
Over	75 units @	\$0.2300						\$9.66	\$1.38	\$0.00	\$0.00	\$3.22	\$15.41	\$29.67			
	COG 1	\$0.4597						\$53.78						\$53.78			
	COG 2	\$0.4597							\$37.24					\$37.24			
	COG 3	\$0.4597								\$33.10				\$33.10			
	COG 4	\$0.4597									\$33.10			\$33.10			
	COG 5	\$0.4597										\$40.91		\$40.91			
	COG 6	\$0.4597											\$65.28	\$65.28			
Summer Period 2012 Avg. COG		\$0.4597															
	LDAC	\$ 0.0233						\$2.73	\$1.89	\$1.68	\$1.68	\$2.07	\$3.31	\$13.35			
TOTAL			\$291.12	\$395.23	\$456.50	\$404.58	\$396.98	\$297.30	\$2,241.71	\$110.15	\$84.48	\$77.74	\$77.74	\$90.18	\$127.97	\$568.26	\$2,809.96
Winter 2010 - 2011																	
Customer Charge	units @	\$ 18.70	\$18.70	\$18.70	\$18.70	\$18.70	\$18.70	\$112.20									
First	75 units @	\$0.3077	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$23.08	\$138.47			
Over	75 units @	\$0.2007	\$23.68	\$38.94	\$44.76	\$37.53	\$31.91	\$19.27						\$196.08			
	COG 1	\$1.1231	\$216.76											\$216.76			
	COG 2	\$1.0980	\$295.36											\$295.36			
	COG 3	\$1.1443		\$341.00										\$341.00			
	COG 4	\$1.1859			\$310.71									\$310.71			
	COG 5	\$1.1859				\$277.50								\$277.50			
	COG 6	\$1.1859					\$202.79							\$202.79			
Winter Period 2010-2011 Avg. COG		\$1.1521															
	LDAC	\$ 0.0249	\$4.81	\$6.70	\$7.42	\$6.52	\$5.83	\$4.26	\$35.53								
Summer 2011																	
Customer Charge	units @	\$ 18.70						\$18.70	\$18.70	\$18.70	\$18.70	\$18.70	\$18.70	\$112.20			
First	75 units @	\$0.3077						\$23.08	\$23.08	\$22.15	\$24.26	\$25.28	\$25.28	\$74.81			
Over	75 units @	\$0.2007						\$8.43	\$1.20	\$0.00	\$0.00	\$3.22	\$15.41	\$9.63			
	COG 1	\$0.7234						\$84.64						\$84.64			
	COG 2	\$0.7234							\$58.60					\$58.60			
	COG 3	\$0.6553								\$47.18				\$47.18			
	COG 4	\$0.7246									\$52.17			\$52.17			
	COG 5	\$0.6131										\$54.57		\$54.57			
	COG 6	\$0.6131											\$87.06	\$87.06			
Summer Period 2011 Avg. COG		\$0.6705															
	LDAC	\$ 0.0249						\$2.91	\$2.02	\$1.79	\$1.79	\$2.22	\$3.54	\$14.27			
TOTAL			\$287.02	\$382.77	\$434.96	\$396.54	\$357.02	\$268.09	\$2,126.40	\$137.76	\$103.59	\$89.83	\$96.93	\$103.98	\$149.98	\$682.07	\$2,808.47
Change			\$4.09	\$12.45	\$21.55	\$8.04	\$39.97	\$29.21	\$115.31	(\$27.61)	(\$19.12)	(\$12.09)	(\$19.19)	(\$13.80)	(\$22.01)	(\$113.81)	\$1.50
% Chg			1.43%	3.25%	4.95%	2.03%	11.19%	10.89%	5.42%	-20.04%	-18.45%	-13.46%	-19.80%	-13.27%	-14.68%	-16.69%	0.05%

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
Typical G-41 Commercial & Industrial Bill - 21,023 therms/year
Comparison of Summer 2012 vs. Summer 2011

		Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms		1,553	2,578	3,265	4,103	3,402	2,473	17,374	1,258	701	414	213	364	699	3,649	21,023
Winter 2011 - 2012																
Customer Charge	units @ \$ 60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$361.80								
All	units @ \$0.2235	\$347.10	\$576.18	\$729.73	\$917.02	\$760.35	\$552.72	\$3,883.09								
	COG 1 \$1.1166	\$1,734.08						\$1,734.08								
	COG 2 \$1.1166		\$2,878.59					\$2,878.59								
	COG 3 \$1.1889			\$3,881.76				\$3,881.76								
	COG 4 \$1.1889				\$4,878.06			\$4,878.06								
	COG 5 \$1.3290					\$4,521.26		\$4,521.26								
	COG 6 \$1.3290						\$3,286.62	\$3,286.62								
Winter Period 2011-2012 Avg. COG \$1.2191																
	LDAC \$0.0233	\$36.18	\$60.07	\$76.07	\$95.60	\$79.27	\$57.62	\$404.81								
Summer 2012																
Customer Charge	units @ \$ 60.30								\$ 60.30	\$60.30	\$60.30	\$60.30	\$ 60.30	\$60.30	\$361.80	
All	units @ \$0.1417								\$178.26	\$99.33	\$58.66	\$30.18	\$51.58	\$99.05	\$517.06	
	COG 1 \$0.4597								\$578.30						\$578.30	
	COG 2 \$0.4597									\$322.25					\$322.25	
	COG 3 \$0.4597										\$190.32				\$190.32	
	COG 4 \$0.4597											\$97.92			\$97.92	
	COG 5 \$0.4597												\$167.33		\$167.33	
	COG 6 \$0.4597													\$321.33	\$321.33	
Summer Period 2012 Avg. COG \$0.4597																
	LDAC \$ 0.0233								\$29.31	\$16.33	\$9.65	\$4.96	\$8.48	\$16.29	\$85.02	
TOTAL		\$2,177.66	\$3,575.15	\$4,747.86	\$5,950.98	\$5,421.17	\$3,957.25	\$25,830.07	\$846.17	\$498.21	\$318.93	\$193.36	\$287.69	\$496.97	\$2,641.33	\$28,471.40
Typical Usage: therms		1,553	2,578	3,265	4,103	3,402	2,473	17,374	1,258	701	414	213	364	699	3,649	21,023
Winter 2010 - 2011																
Customer Charge	units @ \$ 60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$361.80								
All	units @ \$0.1942	\$301.59	\$500.65	\$634.06	\$796.80	\$660.67	\$480.26	\$3,374.03								
	COG 1 \$1.1231	\$1,744.17						\$1,744.17								
	COG 2 \$1.0980		\$2,830.64					\$2,830.64								
	COG 3 \$1.1443			\$3,736.14				\$3,736.14								
	COG 4 \$1.1859				\$4,865.75			\$4,865.75								
	COG 5 \$1.1859					\$4,034.43		\$4,034.43								
	COG 6 \$1.1859						\$2,932.73	\$2,932.73								
Winter Period 2010-2011 Avg. COG \$1.1594																
	LDAC \$ 0.0249	\$38.67	\$64.19	\$81.30	\$102.16	\$84.71	\$61.58	\$432.61								
Summer 2011																
Customer Charge	units @ \$ 60.30								\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$361.80	
All	units @ \$0.1124								\$141.40	\$78.79	\$46.53				\$266.73	
All	units (Temp) \$0.1417											\$30.18	\$51.58	\$99.05	\$180.81	
	COG 1 \$0.7234								\$910.04						\$910.04	
	COG 2 \$0.7234									\$507.10					\$507.10	
	COG 3 \$0.6553										\$271.29				\$271.29	
	COG 4 \$0.7246											\$154.34			\$154.34	
	COG 5 \$0.6131												\$223.17		\$223.17	
	COG 6 \$0.6131													\$428.56	\$428.56	
Summer Period 2011 Avg. COG \$0.6836																
	LDAC \$ 0.0249								\$31.32	\$17.45	\$10.31	\$5.30	\$9.06	\$17.41	\$90.86	
TOTAL		\$2,144.74	\$3,455.78	\$4,511.80	\$5,825.02	\$4,840.11	\$3,534.87	\$24,312.31	\$1,143.06	\$663.65	\$388.44	\$250.13	\$344.11	\$605.31	\$3,394.69	\$27,707.01
Change		\$32.92	\$119.36	\$236.06	\$125.96	\$581.06	\$422.39	\$1,517.76	(\$296.89)	(\$165.44)	(\$69.51)	(\$56.76)	(\$56.42)	(\$108.35)	(\$753.36)	\$764.39
% Chg		1.54%	3.45%	5.23%	2.16%	12.01%	11.95%	6.24%	-25.97%	-24.93%	-17.89%	-22.69%	-16.40%	-17.90%	-22.19%	2.76%

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
Typical G-51 Commercial & Industrial Bill - 20,489 therms/year
Comparison of Summer 2012 vs. Summer 2011

	Nov	Dec	Jan	Feb	Mar	Apr	Winter	May	June	July	August	Sept	October	Summer	Annual
Typical Usage: therms	1,722	2,086	2,330	2,333	2,291	1,872	12,634	1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
Winter 2011 - 2012															
Customer Charge units @	\$ 60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$361.80								
First 1,300 units @	\$0.2155	\$280.15	\$280.15	\$280.15	\$280.15	\$280.15	\$1,680.90								
Over 1,300 units @	\$0.1760	\$74.27	\$138.34	\$181.28	\$181.81	\$174.42	\$100.67								
COG 1	\$0.9232	\$1,589.75					\$1,589.75								
COG 2	\$0.9232	\$1,925.80					\$1,925.80								
COG 3	\$0.9955		\$2,319.52				\$2,319.52								
COG 4	\$0.9955			\$2,322.50			\$2,322.50								
COG 5	\$1.1356				\$2,601.66		\$2,601.66								
COG 6	\$1.1356					\$2,125.84	\$2,125.84								
Winter Period 2011-2012 Avg. COG	\$1.0199														
LDAC	\$0.0233	\$40.12	\$48.60	\$54.29	\$54.36	\$53.38	\$43.62	\$294.37							
Summer 2012															
Customer Charge units @	\$ 60.30							\$ 60.30	\$60.30	\$60.30	\$60.30	\$ 60.30	\$60.30	\$361.80	
First 1,000 units @	\$0.1405							\$140.50	\$140.50	\$140.50	\$140.50	\$140.50	\$140.50	\$843.00	
Over 1,000 units @	\$0.1073							\$54.72	\$40.13	\$26.50	\$20.39	\$22.53	\$34.77	\$199.04	
COG 1	\$0.3835							\$579.09						\$579.09	
COG 2	\$0.3835								\$526.93					\$526.93	
COG 3	\$0.3835									\$478.22				\$478.22	
COG 4	\$0.3835										\$456.37			\$456.37	
COG 5	\$0.3835											\$464.04		\$464.04	
COG 6	\$0.3835												\$507.75	\$507.75	
Summer Period 2012 Avg. COG	\$0.3835														
LDAC	\$ 0.0233							\$35.18	\$32.01	\$29.06	\$27.73	\$28.19	\$30.85	\$183.02	
TOTAL	\$2,044.60	\$2,453.19	\$2,895.53	\$2,899.12	\$3,169.91	\$2,610.58	\$16,072.92	\$869.79	\$799.87	\$734.58	\$705.28	\$715.56	\$774.17	\$4,599.26	\$20,672.18
Winter 2010 - 2011															
Customer Charge units @	\$ 60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$361.80								
First 1,300 units @	\$0.1862	\$242.06	\$242.06	\$242.06	\$242.06	\$242.06	\$1,452.36								
Over 1,300 units @	\$0.1467	\$61.91	\$115.31	\$151.10	\$151.54	\$145.38	\$83.91								
COG 1	\$0.9702	\$1,670.68					\$1,670.68								
COG 2	\$0.9451	\$1,971.48					\$1,971.48								
COG 3	\$0.9914		\$2,309.96				\$2,309.96								
COG 4	\$1.0330			\$2,409.99			\$2,409.99								
COG 5	\$1.0330				\$2,366.60		\$2,366.60								
COG 6	\$1.0330					\$1,933.78	\$1,933.78								
Winter Period 2010-2011 Avg. COG	\$1.0023														
LDAC	\$ 0.0249	\$42.88	\$51.94	\$58.02	\$58.09	\$57.05	\$46.61	\$314.59							
Summer 2011															
Customer Charge units @	\$ 60.30							\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$60.30	\$361.80	
First 1,000 units @	\$0.1112							\$111.20	\$111.20	\$111.20				\$333.60	
First 1,000 Units (Temp)	\$0.1405										\$140.50	\$140.50	\$140.50	\$421.50	
Over 1,000 units @	\$0.0780							\$39.78	\$29.17	\$19.27				\$88.22	
Over 1,000 Units (Temp)	\$0.1073										\$20.39	\$22.53	\$34.77	\$77.69	
COG 1	\$0.5975							\$902.23						\$902.23	
COG 2	\$0.5975								\$820.97					\$820.97	
COG 3	\$0.5294									\$660.16				\$660.16	
COG 4	\$0.5987										\$712.45			\$712.45	
COG 5	\$0.4872											\$589.51		\$589.51	
COG 6	\$0.4872												\$645.05	\$645.05	
Summer Period 2011 Avg. COG	\$0.5513														
LDAC	\$ 0.0249							\$37.60	\$34.21	\$31.05	\$29.63	\$30.13	\$32.97	\$195.59	
TOTAL	\$2,077.83	\$2,441.09	\$2,821.44	\$2,921.98	\$2,871.39	\$2,366.66	\$15,500.39	\$1,151.10	\$1,055.85	\$881.98	\$963.27	\$842.97	\$913.59	\$5,808.76	\$21,309.15
Change	(\$33.23)	\$12.10	\$74.09	(\$22.86)	\$298.52	\$243.92	\$572.53	(\$281.31)	(\$255.98)	(\$147.40)	(\$257.99)	(\$127.41)	(\$139.42)	(\$1,209.51)	(\$636.97)
% Chg	-1.60%	0.50%	2.63%	-0.78%	10.40%	10.31%	3.69%	-24.44%	-24.24%	-16.71%	-26.78%	-15.11%	-15.26%	-20.82%	-2.99%

NORTHERN UTILITIES, INC. -- NEW HAMPSHIRE DIVISION

Impact of Rate Changes on Residential Heating Bills by Usage Level

Forecast Summer 2012 vs. Actual Summer 2011

Residential Heating		
	<u>Summer 2011</u>	<u>Summer 2012</u>
Customer Charge	\$9.50	\$9.50
First 50 Therms	\$0.4249	\$0.4395
Over 50 therms	\$0.3137	\$0.3283
LDAC	\$0.0456	\$0.0440
CGA	\$0.6218	\$0.4264

Usage (Therms)	Summer 2011 Bill Amount	Summer 2012 Bill Amount	Total Bill		Base Rate		COG		LDAC		
5	\$14.96	\$14.05	(\$0.91)	-6.1%	\$0.07	0.5%	(\$0.98)	-6.6%	(\$0.01)	-0.1%	
10	\$20.42	\$18.60	(\$1.82)	-8.9%	\$0.15	0.7%	(\$1.95)	-9.5%	(\$0.02)	-0.1%	
20	\$31.35	\$27.70	(\$3.65)	-11.6%	\$0.29	0.9%	(\$3.91)	-12.5%	(\$0.03)	-0.1%	
25	\$36.81	\$32.25	(\$4.56)	-12.4%	\$0.37	1.0%	(\$4.88)	-13.3%	(\$0.04)	-0.1%	
30	\$42.27	\$36.80	(\$5.47)	-12.9%	\$0.44	1.0%	(\$5.86)	-13.9%	(\$0.05)	-0.1%	
45	\$58.65	\$50.45	(\$8.21)	-14.0%	\$0.66	1.1%	(\$8.79)	-15.0%	(\$0.07)	-0.1%	
Average Monthly	50	\$64.11	\$55.00	(\$9.12)	-14.2%	\$0.73	1.1%	(\$9.77)	-15.2%	(\$0.08)	-0.1%
75	\$88.64	\$74.96	(\$13.68)	-15.4%	\$1.10	1.2%	(\$14.65)	-16.5%	(\$0.12)	-0.1%	
125	\$137.70	\$114.90	(\$22.80)	-16.6%	\$1.83	1.3%	(\$24.42)	-17.7%	(\$0.20)	-0.1%	
150	\$162.22	\$134.87	(\$27.36)	-16.9%	\$2.19	1.3%	(\$29.31)	-18.1%	(\$0.24)	-0.1%	
200	\$211.28	\$174.80	(\$36.48)	-17.3%	\$2.92	1.4%	(\$39.08)	-18.5%	(\$0.32)	-0.2%	

Revised Schedule 9

		2011 Summer (6 months actual)			Forecast Summer 2012 (6 months proposed)			Variance		
1 Therm Sales		6,353,410			7,466,573			1,113,163		
2										
3		THERM		EFFECT	THERM		EFFECT	THERM		EFFECT
4		SENDOUT	COSTS	ON COST	SENDOUT	COSTS	ON COST	SENDOUT	COSTS	ON COST
5				OF GAS			OF GAS			OF GAS
6	Demand Charges		\$ 1,227,460	\$ 0.1932		\$ 858,736	\$ 0.1150		\$ (368,724)	\$ (0.0782)
7										
8	Purchased Gas		2,805,960	0.4416		2,045,969	0.2740		\$ (759,991)	\$ (0.1676)
9										
10	Storage & Peaking Gas		27,028	0.0043		21,944	0.0029		\$ (5,084)	\$ (0.0013)
11										
12	Hedging (Gain)/Loss		95,463	0.0150		239,048	0.0320		143,585	0.0170
13										
14										
15	Total Volumes and Cost	\$ -	\$ 4,155,911	\$ 0.6541	\$ -	\$ 3,165,697	\$ 0.4240	\$ -	\$ (990,214)	\$ (0.2301)
16										
17	Prior Period Balance		\$ 124,276	\$ 0.0196		\$ (104,463)	\$ (0.0140)		\$ (228,739)	\$ (0.0336)
18						\$ -	\$ -		\$ -	\$ -
19	Interest		\$ 9,684	\$ 0.0015		(2,129)	\$ (0.0003)		(11,813)	\$ (0.0018)
20	Refunds from Suppliers		-	\$ -		-	\$ -		-	\$ -
21										
22	Prior Period Adjustment									
23	Interruptible Sales Margin		-	\$ -		-	\$ -		-	\$ -
24	Capacity Release									
25	Working Capital Allowance		(978)	\$ (0.0002)		1,655	\$ 0.0002		2,633	\$ 0.0004
26	Bad Debt Allowance		(1,497)	\$ (0.0002)		\$ 37,785	\$ 0.0051		39,282	\$ 0.0053
27	Fuel Inventory Financing									
28	Local Production and Storage					-	\$ -		-	\$ -
29	Misc Overhead		25,964	\$ 0.0041		85,176	\$ 0.0114		59,212	\$ 0.0073
30										
31	Total Anticipated Indirect Cost of Gas		\$ 157,449	\$ 0.0248		18,025	\$ 0.0024		(139,424)	\$ (0.0224)
32	Total Adjusted Cost	-	4,313,360	\$ 0.6789		3,183,723	\$ 0.4263		(1,129,637)	\$ (0.2526)

Revised Schedule 10C

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Base Commodity Costs

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
BASE SENDOUT BY CLASS								
Total Therms								
Res Heat	478,412	462,979	474,262	478,412	462,979	478,412	5,644,196	2,835,456
Res General	17,566	17,000	17,414	17,566	17,000	17,566	207,242	104,112
G50 Low Annual-Low Winter	106,331	102,901	105,409	106,331	102,901	106,331	1,254,473	630,205
G40 Low Annual-High Winter	136,324	131,927	135,142	136,324	131,927	136,324	1,608,324	807,968
G51 Med Annual-Low Winter	142,185	137,598	140,951	142,185	137,598	142,185	1,677,463	842,702
G41 Med Annual-High Winter	169,435	163,970	167,966	169,435	163,970	169,435	1,998,961	1,004,211
G52 High Annual-Low Winter	6,005	5,811	6,001	6,005	5,811	6,005	70,892	35,638
G42 High Annual-High Winter	20,896	20,222	20,715	20,896	20,222	20,896	246,532	123,849
Total Firm Sales	1,077,155	1,042,408	1,067,860	1,077,155	1,042,408	1,077,155	12,708,083	6,384,141
% of Total								
Res Heat	44.41%	44.41%	44.41%	44.41%	44.41%	44.41%		
Res General	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%		
G50 Low Annual-Low Winter	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%		
G40 Low Annual-High Winter	12.66%	12.66%	12.66%	12.66%	12.66%	12.66%		
G51 Med Annual-Low Winter	13.20%	13.20%	13.20%	13.20%	13.20%	13.20%		
G41 Med Annual-High Winter	15.73%	15.73%	15.73%	15.73%	15.73%	15.73%		
G52 High Annual-Low Winter	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%		
G42 High Annual-High Winter	1.94%	1.94%	1.94%	1.94%	1.94%	1.94%		
Total Firm Sales	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
BASE COMMODITY COSTS Excl'd Hedging								
TOTAL BASE COMMODITY Excl'd Hedging	\$ 265,650	\$ 268,720	\$ 289,133	\$ 300,327	\$ 295,321	\$ 315,931	\$ 4,877,290	\$ 1,735,082
Res Heat	\$ 117,987	\$ 119,350	\$ 128,411	\$ 133,388	\$ 131,165	\$ 140,319	\$ 2,166,212	\$ 770,620
Res General	\$ 4,332	\$ 4,382	\$ 4,715	\$ 4,898	\$ 4,816	\$ 5,152	\$ 79,539	\$ 28,295
G50 Low Annual-Low Winter	\$ 26,224	\$ 26,527	\$ 28,540	\$ 29,647	\$ 29,153	\$ 31,187	\$ 481,460	\$ 171,277
G40 Low Annual-High Winter	\$ 33,621	\$ 34,009	\$ 36,591	\$ 38,009	\$ 37,376	\$ 39,984	\$ 617,266	\$ 219,590
G51 Med Annual-Low Winter	\$ 35,066	\$ 35,471	\$ 38,164	\$ 39,643	\$ 38,982	\$ 41,703	\$ 643,801	\$ 229,029
G41 Med Annual-High Winter	\$ 41,786	\$ 42,269	\$ 45,478	\$ 47,241	\$ 46,454	\$ 49,696	\$ 767,191	\$ 272,925
G52 High Annual-Low Winter	\$ 1,481	\$ 1,498	\$ 1,625	\$ 1,674	\$ 1,646	\$ 1,761	\$ 27,203	\$ 9,686
G42 High Annual-High Winter	\$ 5,154	\$ 5,213	\$ 5,609	\$ 5,826	\$ 5,729	\$ 6,129	\$ 94,618	\$ 33,660
Residential	\$ 122,319	\$ 123,732	\$ 133,126	\$ 138,286	\$ 135,981	\$ 145,471	\$ 2,245,751	\$ 798,916
SALES HLF CLASSES	\$ 62,770	\$ 63,496	\$ 68,329	\$ 70,964	\$ 69,781	\$ 74,651	\$ 1,152,464	\$ 409,992
SALES LLF CLASSES	\$ 80,560	\$ 81,491	\$ 87,678	\$ 91,077	\$ 89,559	\$ 95,809	\$ 1,479,074	\$ 526,174

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
NEW HAMPSHIRE BASE HEDGING COMMODITY COSTS								
TOTAL BASE HEDGING COMMODITY	\$ 93,871	\$ -	\$ -	\$ -	\$ -	\$ 74,687	\$ 290,297	\$ 168,558
Res Heat	\$ 41,692	\$ -	\$ -	\$ -	\$ -	\$ 33,172	\$ 128,934	\$ 74,864
Res General	\$ 1,531	\$ -	\$ -	\$ -	\$ -	\$ 1,218	\$ 4,734	\$ 2,749
G50 Low Annual-Low Winter	\$ 9,266	\$ -	\$ -	\$ -	\$ -	\$ 7,373	\$ 28,657	\$ 16,639
G40 Low Annual-High Winter	\$ 11,880	\$ -	\$ -	\$ -	\$ -	\$ 9,452	\$ 36,740	\$ 21,333
G51 Med Annual-Low Winter	\$ 12,391	\$ -	\$ -	\$ -	\$ -	\$ 9,859	\$ 38,319	\$ 22,250
G41 Med Annual-High Winter	\$ 14,766	\$ -	\$ -	\$ -	\$ -	\$ 11,748	\$ 45,663	\$ 26,514
G52 High Annual-Low Winter	\$ 523	\$ -	\$ -	\$ -	\$ -	\$ 416	\$ 1,618	\$ 940
G42 High Annual-High Winter	\$ 1,821	\$ -	\$ -	\$ -	\$ -	\$ 1,449	\$ 5,632	\$ 3,270
Residential	\$ 43,223	\$ -	\$ -	\$ -	\$ -	\$ 34,390	\$ 133,668	\$ 77,613
SALES HLF CLASSES	\$ 22,181	\$ -	\$ -	\$ -	\$ -	\$ 17,648	\$ 68,594	\$ 39,829
SALES LLF CLASSES	\$ 28,467	\$ -	\$ -	\$ -	\$ -	\$ 22,649	\$ 88,035	\$ 51,117

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Base Commodity Costs

1	BASE SENDOUT BY CLASS	
2	Total Therms	
3	Res Heat	Schedule 10B, LN 52
4	Res General	Schedule 10B, LN 53
5	G50 Low Annual-Low Winter	Schedule 10B, LN 54
6	G40 Low Annual-High Winter	Schedule 10B, LN 55
7	G51 Med Annual-Low Winter	Schedule 10B, LN 56
8	G41 Med Annual-High Winter	Schedule 10B, LN 57
9	G52 High Annual-Low Winter	Schedule 10B, LN 58
10	G42 High Annual-High Winter	Schedule 10B, LN 59
11	Total Firm Sales	Sum LN 3 : LN 10
12	% of Total	
13	Res Heat	LN 3 / LN 11
14	Res General	LN 4 / LN 11
15	G50 Low Annual-Low Winter	LN 5 / LN 11
16	G40 Low Annual-High Winter	LN 6 / LN 11
17	G51 Med Annual-Low Winter	LN 7 / LN 11
18	G41 Med Annual-High Winter	LN 8 / LN 11
19	G52 High Annual-Low Winter	LN 9 / LN 11
20	G42 High Annual-High Winter	LN 10 / LN 11
21	Total Firm Sales	LN 11 / LN 11

22	BASE COMMODITY COSTS Excl'd Hedging	
23	TOTAL BASE COMMODITY Excl'd Hedging	Schedule 1B, LN 37
24	Res Heat	LN 23 * LN 13
25	Res General	LN 23 * LN 14
26	G50 Low Annual-Low Winter	LN 23 * LN 15
27	G40 Low Annual-High Winter	LN 23 * LN 16
28	G51 Med Annual-Low Winter	LN 23 * LN 17
29	G41 Med Annual-High Winter	LN 23 * LN 18
30	G52 High Annual-Low Winter	LN 23 * LN 19
31	G42 High Annual-High Winter	LN 23 * LN 20
32		
33	Residential	LN 24 + LN 25
34	SALES HLF CLASSES	LN 26 + LN 28 + LN 30
35	SALES LLF CLASSES	LN 27 + LN 29 + LN 31

36	NEW HAMPSHIRE BASE HEDGING COMMODITY COSTS	
37	TOTAL BASE HEDGING COMMODITY	Schedule 1B, LN 38
38	Res Heat	LN 13 * LN 37
39	Res General	LN 14 * LN 37
40	G50 Low Annual-Low Winter	LN 15 * LN 37
41	G40 Low Annual-High Winter	LN 16 * LN 37
42	G51 Med Annual-Low Winter	LN 17 * LN 37
43	G41 Med Annual-High Winter	LN 18 * LN 37
44	G52 High Annual-Low Winter	LN 19 * LN 37
45	G42 High Annual-High Winter	LN 20 * LN 37
46		
47	Residential	LN 38 + LN 39
48	SALES HLF CLASSES	LN 40 + LN 42 + LN 44
49	SALES LLF CLASSES	LN 41 + LN 43 + LN 45

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Remaining Commodity Costs

50	REMAINING SENDOUT BY CLASS	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
51	Total Therms								
52	Res Heat	125,906	22,881	-	4,150	60,189	302,539	11,152,337	515,664
53	Res General	4,623	840	-	152	2,210	11,109	131,037	18,934
54	G50 Low Annual-Low Winter	27,984	5,086	-	922	13,377	67,242	570,865	114,611
55	G40 Low Annual-High Winter	35,877	6,520	-	1,182	17,151	86,209	5,770,873	146,939
56	G51 Med Annual-Low Winter	37,420	6,800	-	1,233	17,888	89,915	763,279	153,256
57	G41 Med Annual-High Winter	44,591	8,104	-	1,470	21,317	107,148	4,621,158	182,629
58	G52 High Annual-Low Winter	804	572	-	4	221	390	21,046	1,991
59	G42 High Annual-High Winter	5,499	999	-	181	2,629	13,215	688,132	22,524
60	Total Firm Sales	282,705	51,802	-	9,295	134,982	677,765	23,718,727	1,156,549
61	% of Total								
62	Res Heat	44.54%	44.17%	44.64%	44.64%	44.59%	44.64%		
63	Res General	1.64%	1.62%	1.64%	1.64%	1.64%	1.64%		
64	G50 Low Annual-Low Winter	9.90%	9.82%	9.92%	9.92%	9.91%	9.92%		
65	G40 Low Annual-High Winter	12.69%	12.59%	12.72%	12.72%	12.71%	12.72%		
66	G51 Med Annual-Low Winter	13.24%	13.13%	13.27%	13.27%	13.25%	13.27%		
67	G41 Med Annual-High Winter	15.77%	15.64%	15.81%	15.81%	15.79%	15.81%		
68	G52 High Annual-Low Winter	0.28%	1.10%	0.04%	0.04%	0.16%	0.06%		
69	G42 High Annual-High Winter	1.95%	1.93%	1.95%	1.95%	1.95%	1.95%		
70	Total Firm Sales	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		

71	REMAINING COMMODITY COSTS EXCLD HEDGING	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
72	REMAINING COMMODITY ExclD Hedging	\$ 71,804	\$ 15,179	\$ 1,731	\$ 4,211	\$ 39,725	\$ 200,182	\$ 10,818,545	\$ 332,832
73	Res Heat	\$ 31,979	\$ 6,704	\$ 773	\$ 1,880	\$ 17,713	\$ 89,356	\$ 5,091,525	\$ 148,406
74	Res General	\$ 1,174	\$ 246	\$ 28	\$ 69	\$ 650	\$ 3,281	\$ 57,662	\$ 5,449
75	G50 Low Annual-Low Winter	\$ 7,108	\$ 1,490	\$ 172	\$ 418	\$ 3,937	\$ 19,860	\$ 245,808	\$ 32,985
76	G40 Low Annual-High Winter	\$ 9,112	\$ 1,910	\$ 220	\$ 536	\$ 5,047	\$ 25,462	\$ 2,654,791	\$ 42,289
77	G51 Med Annual-Low Winter	\$ 9,504	\$ 1,993	\$ 230	\$ 559	\$ 5,264	\$ 26,557	\$ 328,657	\$ 44,107
78	G41 Med Annual-High Winter	\$ 11,326	\$ 2,374	\$ 274	\$ 666	\$ 6,273	\$ 31,647	\$ 2,114,973	\$ 52,560
79	G52 High Annual-Low Winter	\$ 204	\$ 168	\$ 1	\$ 2	\$ 65	\$ 115	\$ 9,406	\$ 555
80	G42 High Annual-High Winter	\$ 1,397	\$ 293	\$ 34	\$ 82	\$ 774	\$ 3,903	\$ 315,723	\$ 6,482
81									
82	Residential	\$ 33,153	\$ 6,951	\$ 801	\$ 1,949	\$ 18,364	\$ 92,637	\$ 5,149,187	\$ 153,855
83	SALES HLF CLASSES	\$ 16,816	\$ 3,650	\$ 402	\$ 978	\$ 9,267	\$ 46,532	\$ 583,871	\$ 77,646
84	SALES LLF CLASSES	\$ 21,835	\$ 4,578	\$ 528	\$ 1,284	\$ 12,095	\$ 61,012	\$ 5,085,487	\$ 101,331

85	REMAINING COMMODITY HEDGING COSTS	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
86	TOTAL REMAINING COMMODITY HEDGING	\$ 24,006	\$ -	\$ -	\$ -	\$ -	\$ 46,484	\$ 196,307	\$ 70,490
87	Res Heat	\$ 10,691	\$ -	\$ -	\$ -	\$ -	\$ 20,750	\$ 90,744	\$ 31,441
88	Res General	\$ 393	\$ -	\$ -	\$ -	\$ -	\$ 762	\$ 1,786	\$ 1,154
89	G50 Low Annual-Low Winter	\$ 2,376	\$ -	\$ -	\$ -	\$ -	\$ 4,612	\$ 9,575	\$ 6,988
90	G40 Low Annual-High Winter	\$ 3,046	\$ -	\$ -	\$ -	\$ -	\$ 5,913	\$ 40,256	\$ 8,959
91	G51 Med Annual-Low Winter	\$ 3,177	\$ -	\$ -	\$ -	\$ -	\$ 6,167	\$ 12,802	\$ 9,344
92	G41 Med Annual-High Winter	\$ 3,786	\$ -	\$ -	\$ -	\$ -	\$ 7,349	\$ 35,866	\$ 11,135
93	G52 High Annual-Low Winter	\$ 68	\$ -	\$ -	\$ -	\$ -	\$ 27	\$ 198	\$ 95
94	G42 High Annual-High Winter	\$ 467	\$ -	\$ -	\$ -	\$ -	\$ 906	\$ 5,080	\$ 1,373
95								\$ -	\$ -
96	Residential	\$ 11,084	\$ -	\$ -	\$ -	\$ -	\$ 21,511	\$ 92,529	\$ 32,595
97	SALES HLF CLASSES	\$ 5,622	\$ -	\$ -	\$ -	\$ -	\$ 10,805	\$ 22,575	\$ 16,427
98	SALES LLF CLASSES	\$ 7,300	\$ -	\$ -	\$ -	\$ -	\$ 14,168	\$ 81,202	\$ 21,468

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Remaining Commodity Costs

50	REMAINING SENDOUT BY CLASS	
51	Total Therms	
52	Res Heat	Schedule 10B, LN 68
53	Res General	Schedule 10B, LN 69
54	G50 Low Annual-Low Winter	Schedule 10B, LN 70
55	G40 Low Annual-High Winter	Schedule 10B, LN 71
56	G51 Med Annual-Low Winter	Schedule 10B, LN 72
57	G41 Med Annual-High Winter	Schedule 10B, LN 73
58	G52 High Annual-Low Winter	Schedule 10B, LN 74
59	G42 High Annual-High Winter	Schedule 10B, LN 75
60	Total Firm Sales	Sum LN 52 : LN 59
61	% of Total	
62	Res Heat	LN 52 / LN 60, Jul/Aug calculated together
63	Res General	LN 53 / LN 60, Jul/Aug calculated together
64	G50 Low Annual-Low Winter	LN 54 / LN 60, Jul/Aug calculated together
65	G40 Low Annual-High Winter	LN 55 / LN 60, Jul/Aug calculated together
66	G51 Med Annual-Low Winter	LN 56 / LN 60, Jul/Aug calculated together
67	G41 Med Annual-High Winter	LN 57 / LN 60, Jul/Aug calculated together
68	G52 High Annual-Low Winter	LN 58 / LN 60, Jul/Aug calculated together
69	G42 High Annual-High Winter	LN 59 / LN 60, Jul/Aug calculated together
70	Total Firm Sales	LN 60 / LN 60, Jul/Aug calculated together

71	REMAINING COMMODITY COSTS EXCLD HEDGING	
72	REMAINING COMMODITY ExclD Hedging	Schedule 1B, LN 39
73	Res Heat	LN 72 * LN 62
74	Res General	LN 72 * LN 63
75	G50 Low Annual-Low Winter	LN 72 * LN 64
76	G40 Low Annual-High Winter	LN 72 * LN 65
77	G51 Med Annual-Low Winter	LN 72 * LN 66
78	G41 Med Annual-High Winter	LN 72 * LN 67
79	G52 High Annual-Low Winter	LN 72 * LN 68
80	G42 High Annual-High Winter	LN 72 * LN 69
81		
82	Residential	LN 73 + LN 74
83	SALES HLF CLASSES	LN 75 + LN 77 + LN 79
84	SALES LLF CLASSES	LN 76 + LN 78 + LN 80

85	REMAINING COMMODITY HEDGING COSTS	
86	TOTAL REMAINING COMMODITY HEDGING	Schedule 1B, LN 40
87	Res Heat	LN 62 * LN 86
88	Res General	LN 63 * LN 86
89	G50 Low Annual-Low Winter	LN 64 * LN 86
90	G40 Low Annual-High Winter	LN 65 * LN 86
91	G51 Med Annual-Low Winter	LN 66 * LN 86
92	G41 Med Annual-High Winter	LN 67 * LN 86
93	G52 High Annual-Low Winter	LN 68 * LN 86
94	G42 High Annual-High Winter	LN 69 * LN 86
95		
96	Residential	LN 87 + LN 88
97	SALES HLF CLASSES	LN 89 + LN 91 + LN 93
98	SALES LLF CLASSES	LN 90 + LN 92 + LN 94

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Total Commodity Costs

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
99 TOTAL COMMODITY COSTS Excluding Hedging								
100 TOTAL COMMODITY Exclud Hedging	\$ 337,454	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 516,113	\$ 15,695,835	\$ 2,067,914
101 Res Heat	\$ 149,966	\$ 126,055	\$ 129,184	\$ 135,268	\$ 148,879	\$ 229,675	\$ 7,257,738	\$ 919,026
102 Res General	\$ 5,506	\$ 4,628	\$ 4,743	\$ 4,967	\$ 5,466	\$ 8,433	\$ 137,200	\$ 33,745
103 G50 Low Annual-Low Winter	\$ 33,331	\$ 28,017	\$ 28,712	\$ 30,065	\$ 33,090	\$ 51,047	\$ 727,268	\$ 204,262
104 G40 Low Annual-High Winter	\$ 42,733	\$ 35,919	\$ 36,811	\$ 38,545	\$ 42,423	\$ 65,446	\$ 3,272,057	\$ 261,878
105 G51 Med Annual-Low Winter	\$ 44,570	\$ 37,464	\$ 38,394	\$ 40,202	\$ 44,247	\$ 68,260	\$ 972,459	\$ 273,136
106 G41 Med Annual-High Winter	\$ 53,112	\$ 44,644	\$ 45,752	\$ 47,907	\$ 52,727	\$ 81,342	\$ 2,882,164	\$ 325,484
107 G52 High Annual-Low Winter	\$ 1,685	\$ 1,666	\$ 1,626	\$ 1,676	\$ 1,711	\$ 1,876	\$ 36,609	\$ 10,240
108 G42 High Annual-High Winter	\$ 6,550	\$ 5,506	\$ 5,643	\$ 5,908	\$ 6,503	\$ 10,032	\$ 410,340	\$ 40,142
109								
110 Residential	\$ 155,472	\$ 130,683	\$ 133,927	\$ 140,235	\$ 154,345	\$ 238,109	\$ 7,394,938	\$ 952,771
111 SALES HLF CLASSES	\$ 79,586	\$ 67,146	\$ 68,731	\$ 71,943	\$ 79,048	\$ 121,184	\$ 1,736,335	\$ 487,638
112 SALES LLF CLASSES	\$ 102,395	\$ 86,069	\$ 88,206	\$ 92,360	\$ 101,653	\$ 156,821	\$ 6,564,562	\$ 627,505
113 TOTAL HEDGING COMMODITY COSTS								
114 TOTAL HEDGING COMMODITY	\$ 117,877	\$ -	\$ -	\$ -	\$ -	\$ 121,171	\$ 486,604	\$ 239,048
115 Res Heat	\$ 52,384	\$ -	\$ -	\$ -	\$ -	\$ 53,921	\$ 219,677	\$ 106,305
116 Res General	\$ 1,923	\$ -	\$ -	\$ -	\$ -	\$ 1,980	\$ 6,520	\$ 3,903
117 G50 Low Annual-Low Winter	\$ 11,643	\$ -	\$ -	\$ -	\$ -	\$ 11,984	\$ 38,231	\$ 23,627
118 G40 Low Annual-High Winter	\$ 14,927	\$ -	\$ -	\$ -	\$ -	\$ 15,365	\$ 76,996	\$ 30,292
119 G51 Med Annual-Low Winter	\$ 15,568	\$ -	\$ -	\$ -	\$ -	\$ 16,025	\$ 51,122	\$ 31,594
120 G41 Med Annual-High Winter	\$ 18,552	\$ -	\$ -	\$ -	\$ -	\$ 19,097	\$ 81,530	\$ 37,649
121 G52 High Annual-Low Winter	\$ 592	\$ -	\$ -	\$ -	\$ -	\$ 443	\$ 1,816	\$ 1,035
122 G42 High Annual-High Winter	\$ 2,288	\$ -	\$ -	\$ -	\$ -	\$ 2,355	\$ 10,711	\$ 4,643
123								
124 Residential	\$ 54,307	\$ -	\$ -	\$ -	\$ -	\$ 55,901	\$ 226,197	\$ 110,208
125 SALES HLF CLASSES	\$ 27,803	\$ -	\$ -	\$ -	\$ -	\$ 28,453	\$ 91,169	\$ 56,256
126 SALES LLF CLASSES	\$ 35,767	\$ -	\$ -	\$ -	\$ -	\$ 36,817	\$ 169,237	\$ 72,584
127 TOTAL COMMODITY								
128 Res Heat	\$ 202,349	\$ 126,055	\$ 129,184	\$ 135,268	\$ 148,879	\$ 283,597	\$ 7,477,415	\$ 1,025,331
129 Res General	\$ 7,430	\$ 4,628	\$ 4,743	\$ 4,967	\$ 5,466	\$ 10,413	\$ 143,720	\$ 37,648
130 G50 Low Annual-Low Winter	\$ 44,974	\$ 28,017	\$ 28,712	\$ 30,065	\$ 33,090	\$ 63,032	\$ 765,499	\$ 227,889
131 G40 Low Annual-High Winter	\$ 57,660	\$ 35,919	\$ 36,811	\$ 38,545	\$ 42,423	\$ 80,811	\$ 3,349,053	\$ 292,170
132 G51 Med Annual-Low Winter	\$ 60,138	\$ 37,464	\$ 38,394	\$ 40,202	\$ 44,247	\$ 84,285	\$ 1,023,580	\$ 304,730
133 G41 Med Annual-High Winter	\$ 71,664	\$ 44,644	\$ 45,752	\$ 47,907	\$ 52,727	\$ 100,439	\$ 2,963,694	\$ 363,134
134 G52 High Annual-Low Winter	\$ 2,277	\$ 1,666	\$ 1,626	\$ 1,676	\$ 1,711	\$ 2,319	\$ 38,425	\$ 11,275
135 G42 High Annual-High Winter	\$ 8,838	\$ 5,506	\$ 5,643	\$ 5,908	\$ 6,503	\$ 12,387	\$ 421,052	\$ 44,785
136 Total Firm Sales	\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 16,182,439	\$ 2,306,962
137								
138 Residential	\$ 209,779	\$ 130,683	\$ 133,927	\$ 140,235	\$ 154,345	\$ 294,010	\$ 7,621,135	\$ 1,062,979
139 SALES HLF CLASSES	\$ 107,389	\$ 67,146	\$ 68,731	\$ 71,943	\$ 79,048	\$ 149,637	\$ 1,827,505	\$ 543,894
140 SALES LLF CLASSES	\$ 138,163	\$ 86,069	\$ 88,206	\$ 92,360	\$ 101,653	\$ 193,638	\$ 6,733,799	\$ 700,089
141								
142 % ALLOCATION BETWEEN SALES HLF AND LLF								
143 SALES HLF CLASSES								43.72%
144 SALES LLF CLASSES								56.28%

Northern Utilities - NEW HAMPSHIRE DIVISION
Allocation of Commodity Costs to Customer Classes

Total Commodity Costs

99	TOTAL COMMODITY COSTS Excluding Hedging	
100	TOTAL COMMODITY Exclud Hedging	Schedule 1B, LN 41
101	Res Heat	LN 24 + LN 73
102	Res General	LN 25 + LN 74
103	G50 Low Annual-Low Winter	LN 26 + LN 75
104	G40 Low Annual-High Winter	LN 27 + LN 76
105	G51 Med Annual-Low Winter	LN 28 + LN 77
106	G41 Med Annual-High Winter	LN 29 + LN 78
107	G52 High Annual-Low Winter	LN 30 + LN 79
108	G42 High Annual-High Winter	LN 31 + LN 80
109		
110	Residential	LN 101 + LN 102
111	SALES HLF CLASSES	LN 103 + LN 105 + LN 107
112	SALES LLF CLASSES	LN 104 + LN 106 + LN 108
113	TOTAL HEDGING COMMODITY COSTS	
114	TOTAL HEDGING COMMODITY	Schedule 1B, LN 42
115	Res Heat	LN 38 + LN 87
116	Res General	LN 39 + LN 88
117	G50 Low Annual-Low Winter	LN 40 + LN 89
118	G40 Low Annual-High Winter	LN 41 + LN 90
119	G51 Med Annual-Low Winter	LN 42 + LN 91
120	G41 Med Annual-High Winter	LN 43 + LN 92
121	G52 High Annual-Low Winter	LN 44 + LN 93
122	G42 High Annual-High Winter	LN 45 + LN 94
123		
124	Residential	LN 115 + LN 116
125	SALES HLF CLASSES	LN 117 + LN 119 + LN 121
126	SALES LLF CLASSES	LN 118 + LN 120 + LN 122
127	TOTAL COMMODITY	
128	Res Heat	LN 101 + LN 115
129	Res General	LN 102 + LN 116
130	G50 Low Annual-Low Winter	LN 103 + LN 117
131	G40 Low Annual-High Winter	LN 104 + LN 118
132	G51 Med Annual-Low Winter	LN 105 + LN 119
133	G41 Med Annual-High Winter	LN 106 + LN 120
134	G52 High Annual-Low Winter	LN 107 + LN 121
135	G42 High Annual-High Winter	LN 108 + LN 122
136	Total Firm Sales	Sum LN 128 : LN 135
137		
138	Residential	LN 128 + LN 129
139	SALES HLF CLASSES	LN 130 + LN 132 + LN 134
140	SALES LLF CLASSES	LN 131 + LN 133 + LN 135
141		
142	% ALLOCATION BETWEEN SALES HLF AND LLF	
143	SALES HLF CLASSES	LN 139 / (LN 139 + LN 140)
144	SALES LLF CLASSES	LN 140 / (LN 139 + LN 140)

Revised Schedule 15

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2011 SUMMER SEASON COG RECONCILIATION
SCHEDULE 1: SUMMARY OF SUMMER SEASON BALANCE
November 2010 - October 2011

	AMOUNT	
Summer Season Beg. Balance	\$124,276	SCHEDULE 2
Less: Reported Collections	(\$4,448,096)	SCHEDULE 2
Add: Cost of Firm Gas Allowable	\$4,228,240	SCHEDULE 4
Add: Interest	(\$8,883)	SCHEDULE 2
Summer Season Ending Balance	(\$104,463)	

Revised Schedule 1
NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2011 SUMMER SEASON COG RECONCILIATION
SCHEDULE 2: ADJUSTMENTS TO REPORTED SUMMER SEASON ACCOUNTS
November 2010 - October 2011
Acct 191.10

	<u>Nov-10</u>	<u>Dec-10</u>	<u>Jan-11</u>	<u>Feb-11</u>	<u>Mar-11</u>	<u>Apr-11</u>	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>
SUMMER SEASON													
Summer Season Account Beginning Balance	\$ 124,276	\$ (293,109)	\$ (310,314)	\$ (305,888)	\$ (308,279)	\$ (308,947)	\$ (307,649)	\$ (541,007)	\$ (306,090)	\$ (308,953)	\$ (184,307)	\$ (119,836)	\$ 124,276
Plus: Cost of Firm Gas (Schedule 4)	\$ (3,438)	\$ (18,729)	\$ -	\$ -	\$ -	\$ 2,279	\$ 952,834	\$ 627,328	\$ 527,338	\$ 648,998	\$ 589,412	\$ 902,218	\$ 4,228,240
Less: Reported Collections (Schedule 3)	\$ (413,719)	\$ 2,341	\$ 5,259	\$ (1,560)	\$ 167	\$ (147)	\$ (1,185,045)	\$ (391,265)	\$ (529,369)	\$ (523,685)	\$ (524,529)	\$ (886,543)	\$ (4,448,096)
Summer Season Account Ending Balance	\$ (292,881)	\$ (309,498)	\$ (305,054)	\$ (307,448)	\$ (308,112)	\$ (306,815)	\$ (539,860)	\$ (304,945)	\$ (308,121)	\$ (183,640)	\$ (119,425)	\$ (104,160)	\$ (95,580)
Month's Average Balance	\$ (84,302)	\$ (301,303)	\$ (307,684)	\$ (306,668)	\$ (308,195)	\$ (307,881)	\$ (423,754)	\$ (422,976)	\$ (307,106)	\$ (246,297)	\$ (151,866)	\$ (111,998)	
Interest Rate (Prime 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%	
Interest Applied	\$ (228)	\$ (816)	\$ (833)	\$ (831)	\$ (835)	\$ (834)	\$ (1,148)	\$ (1,146)	\$ (832)	\$ (667)	\$ (411)	\$ (303)	\$ (8,883)
Summer Season Account Ending Balance w/int	\$ (293,109)	\$ (310,314)	\$ (305,888)	\$ (308,279)	\$ (308,947)	\$ (307,649)	\$ (541,007)	\$ (306,090)	\$ (308,953)	\$ (184,307)	\$ (119,836)	\$ (104,463)	\$ (104,463)

Revised Schedule 1
NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2011 SUMMER SEASON COG RECONCILIATION
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS
November 2010 - October 2011

	<u>Nov-10</u>	<u>Dec-10</u>	<u>Jan-11</u>	<u>Feb-11</u>	<u>Mar-11</u>	<u>Apr-11</u>	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>
Accrued Revenue	\$ (718,726)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 768,209	\$ (474,534)	\$ (52,089)	\$ 49,568	\$ (13,923)	\$ 320,377	\$ (121,116)
Billed Revenue	\$ 1,132,445	\$ (2,341)	\$ (5,259)	\$ 1,560	\$ (167)	\$ 147	\$ 416,835	\$ 865,798	\$ 581,458	\$ 474,117	\$ 538,452	\$ 566,166	\$ 4,569,213
Calendarized Revenue	\$ 413,719	\$ (2,341)	\$ (5,259)	\$ 1,560	\$ (167)	\$ 147	\$ 1,185,045	\$ 391,265	\$ 529,369	\$ 523,685	\$ 524,529	\$ 886,543	\$ 4,448,096

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2011 SUMMER SEASON COG RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO SUMMER SEASON
November 2010 - October 2011

Commodity Costs:	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Total Off Peak
DTE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 582,422	\$ -	\$ -	\$ -	\$ -	\$ 582,422
Distrigas	\$ 180,377	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,330	\$ 196,708
Emera Energy	\$ 65,785	\$ 3,974	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,758
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,448	\$ -	\$ -	\$ 330,448
Portland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51	\$ 68	\$ 66	\$ 184
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 267,049	\$ 269,506	\$ 608,931	\$ 236,891	\$ 1,382,377
Sempra	\$ 4,956	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,956
Sequent	\$ 5,108	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,108
South Jersey Resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,318	\$ -	\$ -	\$ -	\$ 145,318
Sprague Energy	\$ 160,952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,952
Tennessee	\$ 2,952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,021	\$ 2,657	\$ 2,666	\$ 2,701	\$ 2,638	\$ 19,636
Total Gas & Power	\$ 309,204	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 309,204
Virginia Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 338,212	\$ 181,647	\$ -	\$ -	\$ 284,920	\$ 804,780
Subtotal	\$ 729,333	\$ 3,974	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 926,656	\$ 596,671	\$ 602,670	\$ 611,700	\$ 540,845	\$ 4,011,849
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 960,537	\$ 596,763	\$ 604,312	\$ 611,632	\$ 529,963	\$ 648,112	\$ 3,951,319
Commodity Cost Reversals	\$ (746,407)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (960,537)	\$ (596,763)	\$ (604,312)	\$ (611,632)	\$ (529,963)	\$ (4,049,614)
Subtotal - Supply	\$ (17,074)	\$ 3,974	\$ -	\$ -	\$ -	\$ -	\$ 960,537	\$ 562,882	\$ 604,220	\$ 609,990	\$ 530,031	\$ 658,994	\$ 3,913,554
Withdrawal Charges	\$ (5,102)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (529)	\$ 752	\$ (297)	\$ 775	\$ (2,678)	\$ (137)	\$ (7,216)
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,239	\$ 18,793	\$ 3,583	\$ (17,344)	\$ 6,329	\$ 41,345	\$ 142,946
Company Managed	\$ (7,267)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (7,267)
Non Traditional Sales	\$ (69,697)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (340,132)	\$ (164,840)	\$ (283,329)	\$ (162,598)	\$ (170,241)	\$ (1,190,837)
Net OBA Adj.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,291	\$ (8,977)	\$ (8,710)	\$ 988	\$ 2,973	\$ (10,532)	\$ (20,967)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,900	\$ 4,436	\$ 6,889	\$ 5,731	\$ 6,764	\$ 4,524	\$ 34,244
Transportation Charges	\$ 14,248	\$ (24,452)	\$ -	\$ -	\$ -	\$ 2,535	\$ -	\$ 1,394	\$ (6,202)	\$ -	\$ 2,017	\$ (5,696)	\$ (16,157)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,188	\$ 1,833	\$ 916	\$ 1,090	\$ 1,206	\$ 66,231	\$ 95,463
Allocation Adjustments	\$ (30)	\$ 1,750	\$ -	\$ -	\$ -	\$ (256)	\$ 436	\$ 2,150	\$ 1,579	\$ 1,246	\$ 1,746	\$ 1,764	\$ 10,385
Subtotal	\$ (67,848)	\$ (22,703)	\$ -	\$ -	\$ -	\$ 2,279	\$ 123,525	\$ (319,750)	\$ (167,082)	\$ (290,842)	\$ (144,242)	\$ (72,742)	\$ (959,406)
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (340,132)	\$ (164,840)	\$ (283,544)	\$ (162,598)	\$ (167,879)	\$ (60,816)	\$ (1,179,809)
Sales for Resale Reversals	\$ 81,484	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,132	\$ 164,840	\$ 283,544	\$ 162,598	\$ 167,879	\$ 1,200,477
Total Commodity Costs	\$ (3,438)	\$ (18,729)	\$ -	\$ -	\$ -	\$ 2,279	\$ 743,930	\$ 418,424	\$ 318,434	\$ 440,094	\$ 380,508	\$ 693,314	\$ 2,974,816

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 2011 SUMMER SEASON COG RECONCILIATION
 SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO SUMMER SEASON
 November 2010 - October 2011

<u>Demand Costs</u>	<u>Nov-10</u>	<u>Dec-10</u>	<u>Jan-11</u>	<u>Feb-11</u>	<u>Mar-11</u>	<u>Apr-11</u>	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total Off Peak</u>
Forecasted Summer Demand Costs (DG 1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 204,577	\$ 204,577	\$ 204,577	\$ 204,577	\$ 204,577	\$ 204,577	\$ 1,227,460
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,327	\$ 4,327	\$ 4,327	\$ 4,327	\$ 4,327	\$ 4,327	\$ 25,964
Total Demand Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 208,904	\$ 208,904	\$ 208,904	\$ 208,904	\$ 208,904	\$ 208,904	\$ 1,253,424
Total Gas Costs	\$ (3,438)	\$ (18,729)	\$ -	\$ -	\$ -	\$ 2,279	\$ 952,834	\$ 627,328	\$ 527,338	\$ 648,998	\$ 589,412	\$ 902,218	\$ 4,228,240

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2011 SUMMER SEASON COG RECONCILIATION
SCHEDULE 5: PURCHASED AND MADE VOLUMES
November 2010 - October 2011

<i>New Hampshire</i>	<u>Nov-10</u>	<u>Dec-10</u>	<u>Jan-11</u>	<u>Feb-11</u>	<u>Mar-11</u>	<u>Apr-11</u>	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>
Throughput IN													
<i>BTU Factor</i>	1.039	1.039	1.046	1.049	1.048	1.041	1.027	1.043	1.039	1.038	1.041	1.042	
<i>GST Meter Throughput (MCF)</i>	569,708	849,169	1,045,428	914,419	780,093	493,361	356,512	270,436	244,612	266,618	284,943	411,448	6,486,747
<i>Salem Meter (MCF)</i>	31,154	57,324	67,178	57,567	45,512	25,940	16,128	11,573	9,849	10,962	11,554	20,294	365,035
<i>GST Meter Throughput (DTH)</i>	591,927	882,287	1,093,518	959,226	817,537	513,589	366,138	282,065	254,152	276,749	296,626	428,729	6,762,541
<i>Salem Meter (DTH)</i>	32,369	59,560	70,268	60,388	47,697	27,004	16,563	12,071	10,233	11,379	12,028	21,146	380,705
<i>LNG/Propane</i>													-
<i>Total Throughput</i>	624,296	941,846	1,163,786	1,019,613	865,234	540,592	382,701	294,135	264,385	288,128	308,653	449,875	7,143,246
Throughput OUT													
<i>Residential Gas</i>													
Charged	107,248	195,796	291,469	327,102	254,646	192,084	99,021	60,207	39,982	32,065	35,704	42,794	1,678,118
Uncharged Current	80,135	148,473	168,349	135,111	164,902	93,513	54,059	36,548	23,711	26,200	30,507	67,389	1,028,898
Uncharged Prior	(50,075)	(80,135)	(148,473)	(168,349)	(135,111)	(164,902)	(93,513)	(54,059)	(36,548)	(23,711)	(26,200)	(30,507)	(1,011,583)
Total Residential Gas	137,308	264,134	311,345	293,864	284,436	120,695	59,567	42,695	27,145	34,555	40,010	79,677	1,695,433
Interruptible	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Commercial/Industrial Gas</i>													
Charged	121,973	208,217	342,640	350,674	278,007	203,456	105,557	73,565	51,650	45,133	51,409	58,886	1,891,167
Uncharged Current	82,007	151,318	195,063	145,510	181,239	100,854	60,304	50,260	31,891	37,106	37,702	65,381	1,138,634
Uncharged Prior	(48,382)	(82,007)	(151,318)	(195,063)	(145,510)	(181,239)	(100,854)	(60,304)	(50,260)	(31,891)	(37,106)	(37,702)	(1,121,636)
Total C/I Gas	155,597	277,528	386,386	301,121	313,736	123,071	65,006	63,521	33,281	50,348	52,005	86,565	1,908,166
<i>Transportation</i>													
Charged	292,350	379,482	438,660	419,294	396,434	311,797	245,934	206,899	186,227	199,963	218,544	240,520	3,536,104
Uncharged Current	133,472	208,493	192,682	145,148	206,752	127,983	106,878	102,924	75,397	102,105	102,288	155,863	1,659,984
Uncharged Prior	(115,721)	(133,472)	(208,493)	(192,682)	(145,148)	(206,752)	(127,983)	(106,878)	(102,924)	(75,397)	(102,105)	(102,288)	(1,619,842)
Total Transportation	310,101	454,503	422,850	371,759	458,038	233,029	224,829	202,945	158,700	226,671	218,726	294,095	3,576,246
Company Use	37	85	145	141	104	76	31	29	22	21	28	102	821
Total Throughput OUT	603,043	996,250	1,120,725	966,885	1,056,314	476,871	349,433	309,190	219,149	311,595	310,769	460,439	7,180,666
Total Throughput IN	624,296	941,846	1,163,786	1,019,613	865,234	540,592	382,701	294,135	264,385	288,128	308,653	449,875	7,143,246
Difference IN/OUT	21,252	(54,404)	43,060	52,728	(191,080)	63,721	33,268	(15,055)	45,236	(23,467)	(2,116)	(10,563)	(37,420)
%													-0.52%

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
DEFERRED SUMMER SEASON WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS
November 2010 - October 2011

SUMMER SEASON - Acct 182.21

	BEGINNING	WORKING CAP	WORKING CAP	WORKING CAP	WORKING CAP	ENDING	AVE MONTHLY	INTEREST		ENDING BAL
	BALANCE	ALLOWANCE (1)	PERCENTAGE	COLLECTIONS	DEFERRED	BALANCE	BALANCE	RATE	INTEREST	W/ INTEREST
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	J = F + I
November 2010	\$ (7,494)	(2)	0.0564%	(163)	(165)	(7,659)	(7,577)	3.25%	(21)	(7,680)
December	\$ (7,680)	(11)	0.0564%	1	(10)	(7,689)	(7,685)	3.25%	(21)	(7,710)
January 2011	\$ (7,710)	0	0.0564%	6	6	(7,704)	(7,707)	3.25%	(21)	(7,725)
February	\$ (7,725)	0	0.0564%	(1)	(1)	(7,726)	(7,726)	3.25%	(21)	(7,747)
March	\$ (7,747)	0	0.0564%	0	0	(7,747)	(7,747)	3.25%	(21)	(7,768)
April	\$ (7,768)	1	0.0564%	0	1	(7,767)	(7,767)	3.25%	(21)	(7,788)
May	\$ (7,788)	537	0.0564%	1,222	1,759	(6,029)	(6,908)	3.25%	(19)	(6,047)
June	\$ (6,047)	354	0.0564%	420	774	(5,273)	(5,660)	3.25%	(15)	(5,288)
July	\$ (5,288)	297	0.0564%	598	895	(4,393)	(4,841)	3.25%	(13)	(4,406)
August	\$ (4,406)	366	0.0564%	540	906	(3,500)	(3,953)	3.25%	(11)	(3,511)
September	\$ (3,511)	332	0.0564%	630	963	(2,549)	(3,030)	3.25%	(8)	(2,557)
October	\$ (2,557)	509	0.0564%	1,101	1,610	(947)	(1,752)	3.25%	(5)	(952)

(1) Working Capital Allowance calculated by taking Total Gas Costs on Sch 4, page 2 of 2, and multiplying by (6.33/365) * Interest Rate

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SUMMER SEASON BAD DEBT EXPENSE - CALCULATION OF COLLECTION ALLOWANCE
November 2010 - October 2011

SUMMER SEASON- Acct 182.22

	BEGINNING BALANCE	BAD DEBT ALLOWANCE(1)	% ALLOWED BAD DEBT	BAD DEBT COLLECTIONS	BAD DEBT DEFERRED BALANCE	ENDING BALANCE	AVE MO BALANCE	INTEREST RATE	INTEREST	END BAL W/ INTEREST
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	J = F + I
November 2010	3,159	(15)	0.45%	(1,297)	(1,312)	1,847	2,503	3.25%	7	1,854
December	1,854	(84)	0.45%	7	(77)	1,776	1,815	3.25%	5	1,781
January 2011	1,781	0	0.45%	23	23	1,805	1,793	3.25%	5	1,809
February	1,809	0	0.45%	(5)	(5)	1,804	1,807	3.25%	5	1,809
March	1,809	0	0.45%	1	1	1,810	1,809	3.25%	5	1,814
April	1,814	10	0.45%	(0)	10	1,824	1,819	3.25%	5	1,829
May	1,829	4,290	0.45%	(5,982)	(1,692)	137	983	3.25%	3	140
June	140	2,825	0.45%	(2,036)	789	929	534	3.25%	1	930
July	930	2,374	0.45%	(2,995)	(621)	310	620	3.25%	2	311
August	311	2,922	0.45%	(2,731)	191	503	407	3.25%	1	504
September	504	2,654	0.45%	(3,158)	(504)	(0)	252	3.25%	1	1
October	1	4,062	0.45%	(5,345)	(1,282)	(1,282)	(641)	3.25%	(2)	(1,283)

(1) Bad Debt Allowance calculated by multiplying Bad Debt % by Gas Cost on Schedule 4 and Working Capital Allowance on Attachment A.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS
SUMMER SEASON 2011

	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>TOTAL</u>
Forecast Calendar Month Sales	164,519	104,668	82,572	94,844	113,688	179,773	740,064
Actual Sales	<u>126,835</u>	<u>106,131</u>	<u>61,043</u>	<u>84,833</u>	<u>91,773</u>	<u>164,726</u>	<u>635,341</u>
Difference	<u>(37,684)</u>	<u>1,463</u>	<u>(21,529)</u>	<u>(10,011)</u>	<u>(21,915)</u>	<u>(15,047)</u>	<u>(104,723)</u>
Add:							
Volume Variance due to Weather							
Normal Cal. Month Actual Sales	128,741	106,131	61,043	84,833	91,773	215,607	688,128
Actual Sales	<u>126,835</u>	<u>106,131</u>	<u>61,043</u>	<u>84,833</u>	<u>91,773</u>	<u>164,726</u>	<u>635,341</u>
Weather Variance	<u>1,906</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>50,881</u>	<u>52,787</u>
Total Variance Excluding Weather (excl weather effect)	<u>(35,778)</u>	<u>1,463</u>	<u>(21,529)</u>	<u>(10,011)</u>	<u>(21,915)</u>	<u>35,834</u>	<u>(51,936)</u>
Variance-difference due to meter count							(5,942)
-difference in load pattern							<u>(45,995)</u>
SALES							<u>(51,937)</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS
SUMMER SEASON 2011

	<u>NORMAL MMBtu</u>			<u>METERS</u>		
	<u>2011 Forecast</u>	<u>2011 Actual</u>	<u>Difference</u>	<u>2011 Forecast</u>	<u>2011 Actual</u>	<u>Difference</u>
Res Heat	316,150	297,304	(18,846)	124,419	123,170	(1,249)
Res General	11,319	11,945	626	9,702	9,878	176
Total Res	327,469	309,249	(18,220)	134,121	133,048	(1,073)
G-40	87,368	95,090	7,722	25,152	24,971	(181)
G-50	72,599	70,067	(2,532)	5,460	5,421	(39)
G-41	131,026	120,820	(10,206)	2,210	2,194	(16)
G-51	96,646	79,198	(17,448)	907	900	(7)
G-42	10,791	10,444	(347)	70	69	(1)
G-52	14,164	3,258	(10,906)	30	30	(0)
Total C & I	412,594	378,877	(33,717)	33,829	33,585	(244)
Total Company	740,063	688,126	(51,937)	167,950	166,633	(1,317)

	<u>NORMAL AVERAGE USE</u>			<u>Change in Sales Due to Change In:</u>		<u>Total Chg MMBtu</u>	<u>% Difference</u>
	<u>2011 Forecast</u>	<u>2011 Actual</u>	<u>Difference</u>	<u>Meter Count</u>	<u>Load Pattern</u>		
Res Heat	2.54	2.41	(0.13)	(3,174)	(15,672)	(18,846)	-5.96%
Res General	1.17	1.21	0.04	205	421	626	5.53%
Total Res	3.71	3.62	(0.08)	(2,968)	(15,252)	(18,220)	-5.56%
G-40	3.47	3.81	0.33	(630)	8,352	7,722	8.84%
G-50	13.30	12.93	(0.37)	(523)	(2,009)	(2,532)	-3.49%
G-41	59.29	55.07	(4.22)	(944)	(9,262)	(10,206)	-7.79%
G-51	106.61	88.00	(18.61)	(697)	(16,751)	(17,448)	-18.05%
G-42	155.26	151.36	(3.90)	(78)	(269)	(347)	-3.22%
G-52	468.73	108.60	(360.13)	(102)	(10,804)	(10,906)	-77.00%
Total C & I	12.20	11.28	(0.92)	(2,974)	(30,743)	(33,717)	-8.17%
Total Company	4.41	4.13	(0.28)	(5,942)	(45,995)	(51,937)	-7.02%

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Page 1

		Off-Peak Season		Peak Season						Peak Season	Off-Peak Season	Total Contracts
		May-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14			
Ceilings		6.243	5.661	5.750	5.922	5.988	5.892	5.704	5.366			
Scheduled Purchases	04/26/12	1	1	1	2	3	3	2	1	12	2	14
	05/29/12	1	1	2	2	3	2	2	1	12	2	14
	06/27/12	1	1	2	3	2	2	2	1	12	2	14
	07/27/12	1	1	1	2	3	3	2	1	12	2	14
	08/29/12	1	1	2	2	3	2	2	1	12	2	14
	09/26/12	1	1	2	3	2	2	2	2	13	2	15
	10/29/12	1	1	1	2	3	3	2	1	12	2	14
	11/28/12	1	1	2	2	3	2	2	1	12	2	14
	12/27/12	1	1	2	3	2	2	2	2	13	2	15
	01/29/13	1	1	1	2	3	2	3	1	12	2	14
	02/26/13	1	1	2	2	3	2	2	1	12	2	14
	03/26/13	0	2	1	3	2	3	2	2	13	2	15
	Make-Up Purchases (white area) Scheduled Sales (gray area)	04/26/13	-11								0	-11
05/29/13										0	0	0
06/26/13										0	0	0
07/29/13										0	0	0
08/28/13										0	0	0
09/26/13			-13							0	-13	-13
10/29/13				-19						-19	0	-19
11/26/13					-28					-28	0	-28
12/27/13						-32				-32	0	-32
01/29/14						-28			-28	0	-28	
02/26/14							-25		-25	0	-25	
03/27/14								-15	-15	0	-15	
Scheduled	11	13	19	28	32	28	25	15	147	24	171	
check	0	0	0	0	0	0	0	0	0	0	0	

Revised Schedule 22

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
Supply Volumes - MMBtu								
Total Pipeline	260,938	211,239	203,111	204,032	220,001	332,146	4,387,843	1,431,466
Total Storage	0	0	0	0	0	0	2,523,077	0
Total Peaking	1,395	1,350	1,395	1,395	1,350	1,395	20,298	8,280
Subtotal	262,333	212,589	204,506	205,427	221,351	333,541	6,931,218	1,439,746
Less Interruptible - Maine	0	0	0	0	0	0	0	0
Less Interruptible - New Hampshire	0	0	0	0	0	0	0	0
Total Firm Supply	262,333	212,589	204,506	205,427	221,351	333,541	6,931,218	1,439,746
Total Firm Pipeline Sendout	260,938	211,239	203,111	204,032	220,001	332,146	4,387,843	1,431,466
Variable Costs								
Pipeline Costs Modeled in Sendout™	\$ 801,396	\$ 666,854	\$ 654,543	\$ 664,562	\$ 719,858	\$ 1,108,708	\$ 19,004,569	\$ 4,615,921
2/27/2012 NYMEX Price Used for Forecast	\$2.712	\$2.802	\$2.870	\$2.904	\$2.914	\$2.967		
4/9/2012 NYMEX Price Used for Update	\$2.107	\$2.223	\$2.355	\$2.435	\$2.475	\$2.562		
Increase/(Decrease) NYMEX Price	-\$0.605	-\$0.579	-\$0.515	-\$0.469	-\$0.439	-\$0.405		
Increase/(Decrease) in Pipeline Costs	\$ (157,867)	\$ (122,307)	\$ (104,602)	\$ (95,691)	\$ (96,580)	\$ (134,519)		
Total Updated Pipeline Costs	\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 18,293,002	\$ 3,904,354
Total Pipeline	\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 18,293,002	\$ 3,904,354
Total Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,426,035	\$ -
Total Peaking	\$ 7,464	\$ 7,031	\$ 7,099	\$ 6,958	\$ 6,620	\$ 6,744	\$ 121,645	\$ 41,916
Subtotal	\$ 650,993	\$ 551,578	\$ 557,040	\$ 575,829	\$ 629,897	\$ 980,933	\$ 29,840,682	\$ 3,946,270
Hedging (Gain)/Loss Estimate								
Time Triggered NYMEX Contracts (Allocated between ME and NH)								
NYMEX NG Futures Contracts	12	-	-	-	-	14	122	26
Average Purchase Price	\$ 4.002	\$ -	\$ -	\$ -	\$ -	\$ 4.207		
NYMEX Price Used for Forecast	\$ 2.712	\$ 2.802	\$ 2.870	\$ 2.904	\$ 2.914	\$ 2.967		
NYMEX Price Used for Update	\$ 2.107	\$ 2.223	\$ 2.355	\$ 2.435	\$ 2.475	\$ 2.562		
Increase/(Decrease) NYMEX Price	\$ (0.605)	\$ (0.579)	\$ (0.515)	\$ (0.469)	\$ (0.439)	\$ (0.405)		
Futures Hedging (Gain)/Loss - Allocate	\$ 227,400	\$ -	\$ -	\$ -	\$ -	\$ 230,300	\$ 927,880	\$ 457,700
Price Triggered NYMEX Contracts (NH Only)								
NYMEX NG Futures Contracts	-	-	-	-	-	-	-	-
Average Purchase Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
NYMEX Price Used for Forecast	\$ 2.712	\$ 2.802	\$ 2.870	\$ 2.904	\$ 2.914	\$ 2.967		
NYMEX Price Used for Update	\$ 2.107	\$ 2.223	\$ 2.355	\$ 2.435	\$ 2.475	\$ 2.562		
Increase/(Decrease) NYMEX Price	\$ (0.605)	\$ (0.579)	\$ (0.515)	\$ (0.469)	\$ (0.439)	\$ (0.405)		
Futures Hedging (Gain)/Loss (NH ONLY)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interruptible Cost Estimate								
Variable Pipeline Costs Excl'd Hedges	\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 18,293,002	\$ 3,904,354
Average Supply Cost (\$/MMBtu)	\$ 2.466	\$ 2.578	\$ 2.708	\$ 2.788	\$ 2.833	\$ 2.933		
Interruptible Cost - Maine	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interruptible Cost - New Hampshire	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Firm Sales Pipeline Commodity Excl'd Hedge	\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 18,293,002	\$ 3,904,354
Total Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,426,035	\$ -
Total Peaking	\$ 7,464	\$ 7,031	\$ 7,099	\$ 6,958	\$ 6,620	\$ 6,744	\$ 121,645	\$ 41,916
Firm Sales Variable Costs Excl'd Hedge	\$ 650,993	\$ 551,578	\$ 557,040	\$ 575,829	\$ 629,897	\$ 980,933	\$ 29,840,682	\$ 3,946,270
Plus Hedging (Gain)/Loss	\$ 227,400	\$ -	\$ -	\$ -	\$ -	\$ 230,300	\$ 927,880	\$ 457,700
Total Firm Sales Variable Costs	\$ 878,393	\$ 551,578	\$ 557,040	\$ 575,829	\$ 629,897	\$ 1,211,233	\$ 30,768,562	\$ 4,403,970

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

1	Supply Volumes - MMBtu	
2	Total Pipeline	Schedule 6A, page 2
3	Total Storage	Schedule 6A, page 2
4	Total Peaking	Schedule 6A, page 2
5	Subtotal	SUM LN 2: LN 4
6	Less Interruptible - Maine	Company Analysis
7	Less Interruptible - New Hampshire	Company Analysis
8	Total Firm Supply	LN 5 - LN 6 - LN 7
9	Total Firm Pipeline Sendout	LN 2 - LN 6 - LN 7
10	Variable Costs	
11	Pipeline Costs Modeled in Sendout™	Schedule 6A, page 1
12	NYMEX Price Used for Forecast	Attachment to Schedule 6B, page 1
13	NYMEX Price Used for Update	Attachment to Schedule 6B, page 1
14	Increase/(Decrease) NYMEX Price	LN 13 - LN 12
15	Increase/(Decrease) in Pipeline Costs	LN 2 * LN 14
16	Total Updated Pipeline Costs	LN 15 + LN 11
17		
18	Total Pipeline	LN 16
19	Total Storage	Schedule 6A, page 1
20	Total Peaking	Schedule 6A, page 1
21	Subtotal	Sum LN 18 : LN 20
22		
23	Hedging (Gain)/Loss Estimate	
24	Time Triggered NYMEX Contracts (Allocated between ME and NH)	
25	NYMEX NG Futures Contracts	Schedule 7
26	Average Purchase Price	Schedule 7
27	NYMEX Price Used for Forecast	Line 14
28	NYMEX Price Used for Update	Schedule 7
29	Increase/(Decrease) NYMEX Price	LN 28 - LN 27
30	Futures Hedging (Gain)/Loss - Allocate	(LN 26 - LN 27 - LN 29) * LN 25*10,000
31	Price Triggered NYMEX Contracts (NH Only)	
32	NYMEX NG Futures Contracts	Schedule 7
33	Average Purchase Price	Schedule 7
34	NYMEX Price Used for Forecast	Line 14
35	NYMEX Price Used for Update	Schedule 7
36	Increase/(Decrease) NYMEX Price	LN 35 - LN 34
37	Futures Hedging (Gain)/Loss (NH ONLY)	(LN 33 - LN 34 - LN 36) * LN 32*10,000
38		
39	Interruptible Cost Estimate	
40	Variable Pipeline Costs Excl'd Hedges	LN 16
41	Average Supply Cost (\$/MMBtu)	LN 40 / LN 2
42	Interruptible Cost - Maine	LN 41 * LN 6
43	Interruptible Cost - New Hampshire	LN 41 * LN 7
44		
45	Firm Sales Pipeline Commodity Excl'd Hedge	LN 40 - LN 42 - LN 43
46	Total Storage	LN 19
47	Total Peaking	LN 20
48	Firm Sales Variable Costs Excl'd Hedge	Sum LN 45 : LN 47
49	Plus Hedging (Gain)/Loss	LN 30
50	Total Firm Sales Variable Costs	LN 48 + LN 49

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

51 **Commodity Allocation Factors**

52 Firm Sales Sendout for Normal Winter, MMBtu

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
54 Maine	126,349	103,170	97,722	96,784	103,614	158,051	3,288,563	685,690
55 New Hampshire	135,986	109,421	106,786	108,645	117,739	175,492	3,642,681	754,069
56 Total	262,335	212,591	204,508	205,429	221,353	333,543	6,931,244	1,439,759

58 Percentage of Total								
59 Maine	48.16%	48.53%	47.78%	47.11%	46.81%	47.39%	47.45%	47.63%
60 New Hampshire	51.84%	51.47%	52.22%	52.89%	53.19%	52.61%	52.55%	52.37%
61 Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

63 **Commodity Allocation by Jurisdiction**

64 **Maine**

65 Firm Sales Pipeline Commodity Excl'd Hedge	\$ 309,944	\$ 264,267	\$ 262,784	\$ 268,013	\$ 291,752	\$ 461,624	\$ 8,688,311	\$ 1,858,385
66 Hedging (Gains) Losses	\$ 109,523	\$ -	\$ -	\$ -	\$ -	\$ 109,129	\$ 441,276	\$ 218,652
67 Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,404,736	\$ -
68 Peaking	\$ 3,595	\$ 3,412	\$ 3,392	\$ 3,278	\$ 3,099	\$ 3,196	\$ 57,848	\$ 19,972
69 Maine Interruptible	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
70 Total Maine Commodity Costs	\$ 423,062	\$ 267,680	\$ 266,176	\$ 271,291	\$ 294,851	\$ 573,949	\$ 14,592,171	\$ 2,097,009
71 Maine Inventory Finance Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,444	\$ -
72 Total Maine Variable Costs	\$ 423,062	\$ 267,680	\$ 266,176	\$ 271,291	\$ 294,851	\$ 573,949	\$ 14,597,614	\$ 2,097,009

73 **New Hampshire**

74 Firm Sales Pipeline Commodity Excl'd Hedge	\$ 333,585	\$ 280,279	\$ 287,158	\$ 300,858	\$ 331,525	\$ 512,565	\$ 9,604,691	\$ 2,045,969
75 Hedging (Gains) Losses	\$ 117,877	\$ -	\$ -	\$ -	\$ -	\$ 121,171	\$ 486,604	\$ 239,048
76 Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,021,299	\$ -
77 Peaking	\$ 3,869	\$ 3,619	\$ 3,707	\$ 3,680	\$ 3,521	\$ 3,548	\$ 63,797	\$ 21,944
78 New Hampshire Interruptible	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
79 Total New Hampshire Commodity Costs	\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 16,176,391	\$ 2,306,962
80 New Hampshire Inventory Finance Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,048	\$ -
81 Total New Hampshire Variable Costs	\$ 455,331	\$ 283,898	\$ 290,865	\$ 304,538	\$ 335,046	\$ 637,284	\$ 16,182,439	\$ 2,306,962

82 **Northern Utilities**

83 Firm Sales Pipeline Commodity Excl'd Hedge	\$ 643,529	\$ 544,547	\$ 549,941	\$ 568,871	\$ 623,277	\$ 974,189	\$ 18,293,002	\$ 3,904,354
84 Hedging (Gains) Losses	\$ 227,400	\$ -	\$ -	\$ -	\$ -	\$ 230,300	\$ 927,880	\$ 457,700
85 Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,426,035	\$ -
86 Peaking	\$ 7,464	\$ 7,031	\$ 7,099	\$ 6,958	\$ 6,620	\$ 6,744	\$ 121,645	\$ 41,916
87 Northern Interruptible	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
88 Total Northern Commodity Costs	\$ 878,393	\$ 551,578	\$ 557,040	\$ 575,829	\$ 629,897	\$ 1,211,233	\$ 30,768,562	\$ 4,403,970
89 Northern Inventory Finance Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,492	\$ -
90 Total Northern Variable Costs	\$ 878,393	\$ 551,578	\$ 557,040	\$ 575,829	\$ 629,897	\$ 1,211,233	\$ 30,780,053	\$ 4,403,970

91

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

51 **Commodity Allocation Factors**

52 Firm Sales Sendout for Normal Winter, MMBtu

53		
54	Maine	Company Analysis
55	New Hampshire	NH Schedule 10B, LN 33 / 10
56	Total	LN 54 + LN 55

57
 58 **Percentage of Total**

59	Maine	LN 54 / LN 56
60	New Hampshire	LN 55 / LN 56
61	Total	LN 59 + LN 60

62
 63 **Commodity Allocation by Jurisdiction**

64 **Maine**

65	Firm Sales Pipeline Commodity Excl'd Hedge	LN 45 * LN 59
66	Hedging (Gains) Losses	LN 30 * LN 59
67	Storage	LN 46 * LN 59
68	Peaking	LN 47 * LN 59
69	Maine Interruptible	LN 42
70	Total Maine Commodity Costs	Sum LN 65 : LN 69
71	Maine Inventory Finance Costs	LN 112
72	Total Maine Variable Costs	LN 70 + LN 71

73 **New Hampshire**

74	Firm Sales Pipeline Commodity Excl'd Hedge	LN 45 * LN 60
75	Hedging (Gains) Losses	LN 30 * LN 60
76	Storage	LN 46 * LN 60
77	Peaking	LN 47 * LN 60
78	New Hampshire Interruptible	LN 43
79	Total New Hampshire Commodity Costs	Sum LN 74 : LN 78
80	New Hampshire Inventory Finance Costs	LN 117
81	Total New Hampshire Variable Costs	LN 79 + LN 80

82 **Northern Utilities**

83	Firm Sales Pipeline Commodity Excl'd Hedge	LN 65 + LN 74
84	Hedging (Gains) Losses	LN 66 + LN 75
85	Storage	LN 67 + LN 76
86	Peaking	LN 68 + LN 77
87	Northern Interruptible	LN 69 + LN 78
88	Total Northern Commodity Costs	LN 70 + LN 79
89	Northern Inventory Finance Costs	LN 71 + LN 80
90	Total Northern Variable Costs	LN 88 + LN 89

91

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

92 **Northern Utilities**
 93 **Simplified Market Based Allocator (MBA) Calculations**
 94 **ALLOCATION OF NORTHERN INVENTORY FINANCE CHARGE**

	Col A	Col H	Col I	Col J	Col K	Col L	Col M	Col N	Col P
98 Inventory Finance Charge		May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	TOTAL	OFF-PEAK
99 Storage		\$ 150	\$ 450	\$ 757	\$ 1,042	\$ 1,168	\$ 1,168	\$ 10,308	\$ 4,735
100 Peaking		\$ 96	\$ 93	\$ 91	\$ 89	\$ 87	\$ 86	\$ 1,184	\$ 543
101 Total		\$ 246	\$ 543	\$ 848	\$ 1,131	\$ 1,255	\$ 1,254	\$ 11,492	\$ 5,278
102									
103 Inventory Finance Charge Allocation by Jurisdiction									
104 Maine		\$ 119	\$ 264	\$ 405	\$ 533	\$ 588	\$ 594	\$ 5,444	\$ 2,502
105 New Hampshire		\$ 128	\$ 280	\$ 443	\$ 598	\$ 668	\$ 660	\$ 6,048	\$ 2,776
106 Total		\$ 246	\$ 543	\$ 848	\$ 1,131	\$ 1,255	\$ 1,254	\$ 11,492	\$ 5,278
107									
108 Inventory Finance Charge Allocation by Month									
109 Maine									
110 Firm Sales Normal Remaining Sendout		0	0	0	0	0	0	2,031,904	0
111 Monthly % Sendout of Total Winter		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
112 ME Allocated Inventory Finance Charge		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,444	\$ -
113									
114 New Hampshire									
115 Firm Sales Normal Remaining Sendout		0	0	0	0	0	0	2,256,218	0
116 Monthly % Sendout of Total Winter		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
117 NH Allocated Inventory Finance Charge		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,048	\$ -

Northern Utilities
ALLOCATION OF COMMODITY COSTS BETWEEN ME & NH DIVISIONS

92 **Northern Utilities**
 93 **Simplified Market Based Allocator (MBA) Calculations**
 94 **ALLOCATION OF NORTHERN INVENTORY FINANCE CHARGE**

95
 96
 97

98	Inventory Finance Charge	
99	Storage	"Schedule 14 - Carrying Costs"
100	Peaking	"Schedule 14 - Carrying Costs"
101	Total	Sum LN 99 : LN 100

102

103	Inventory Finance Charge Allocation by Jurisdiction	
104	Maine	LN 101 * LN 59
105	New Hampshire	LN 101 * LN 60
106	Total	Sum LN 104 : LN 105

107

108 **Inventory Finance Charge Allocation by Month**

109 **Maine**

110	Firm Sales Remaining Sendout	Company Analysis
111	Monthly % Sendout of Total Winter	LN 110 / LN 110 Col N
112	ME Allocated Inventory Finance Charge	LN 104 Col N * LN 111

113

114 **New Hampshire**

115	Firm Sales Remaining Sendout	NH Schedule 10B, LN 80 / 10
116	Monthly % Sendout of Total Winter	LN 115 / LN 115 Col N
117	NH Allocated Inventory Finance Charge	LN 105 Col N * LN 116

Revised Schedule 23

Northern Utilities - NEW HAMPSHIRE DIVISION
Supporting Detail to Proposed Tariff Sheets
Average Cost of Gas Calculation

	Winter	Summer	Total	
1 Demand	\$ 13,981,179	\$ 858,736	\$ 14,839,915	Schedule 1A, LN 80
2 Commodity	\$ 13,875,477	\$ 2,306,962	\$ 16,182,439	Schedule 1B, LN 43
3 Total	\$ 27,856,656	\$ 3,165,697	\$ 31,022,354	LN 1 + LN 2
4				
5 Forecasted Firm Sales (Therms)	28,614,458	7,466,573	36,081,030	Schedule 10B, LN 12 * 10
6 Forecasted Residential Sales (Therms)	13,532,174	3,440,019	16,972,192	Schedule 10B, LN 3 * 10
7 Average Residential Rate:	Winter	Summer	Total	
8 Average Demand Rate	\$0.4886	\$0.1150		LN 1 / LN 5
9 Average Commodity Rate	\$0.4849	\$0.3090		LN 2 / LN 5
10 Average Rate	\$0.9735	\$0.4240		LN 3 / LN 5
11				
12 Residential Reallocation:	Winter	Summer	Total	
13 Demand Costs Allocated To Residential per SMBA	\$ 6,425,761	\$ 395,027	\$ 6,820,788	Schedule 10C, LN 168
14 Demand Costs Allocated To Residential per Avg Res. Rate	\$ 6,611,893	\$ 395,602	\$ 7,007,496	LN 8 * LN 6
15 Demand Reallocation:	\$ (186,132)	\$ (575)	\$ (186,707)	LN 13 - LN 14
16 HLF Allocation	\$ (22,790)	\$ (158)	\$ (22,948)	LN 15 / LN 20
17 LLF Allocation	\$ (163,342)	\$ (417)	\$ (163,759)	LN 15 / LN 21
18				
19 SMBA Capacity Cost Allocation (%)				
20 HLF	12.24%	27.46%		Schedule 10A, LN 173
21 LLF	87.76%	72.54%		Schedule 10A, LN 174
22				
23 Commodity Costs Allocated To Residential per SMBA	\$ 6,558,156	\$ 1,062,979	\$ 7,621,135	Schedule 10A, LN 138
24 Commodity Costs Allocated To Residential per Avg Res. Rate	\$ 6,561,905	\$ 1,062,966	\$ 7,624,871	LN 18 * LN 16
25 Commodity Reallocation:	\$ (3,749)	\$ 13	\$ (3,736)	LN 23 - LN 24
26 HLF Allocation	\$ (658)	\$ 6	\$ (652)	LN 25 / LN 30
27 LLF Allocation	\$ (3,092)	\$ 7	\$ (3,084)	LN 25 / LN 31
28				
29 SMBA Commodity Cost Allocation (%)				
30 HLF	17.54%	43.72%		Schedule 10C, LN 143
31 LLF	82.46%	56.28%		Schedule 10C, LN 144