

Northern Utilities, Inc. New Hampshire Division

Revised 2008 Summer Period Cost of Gas Filing DG 08-041

Prepared by: Ronald Gibbons, Manager Rates and Regulatory, NCSC

COG Revision

The revised COG calculation reflects several revisions, updates or corrections.

The first revision or update relates to revising the commodity costs based on updated NYMEX prices as of April 8, 2008. The original filing reflected NYMEX prices as of February 29, 2008.

Secondly, a six-month summer period estimate of (\$74,192) has been included for Capacity Reserve Charge revenues and is reflected on Thirty-sixth Revised Page 39.

Lastly, a table for the Seasonal Demand Factors has also been added to the demand costs summary page.

Revised schedules in this filing are separated into several sections. These sections include: Tariff Sheets, Gas Cost Exhibits, Allocation Exhibit and Miscellaneous. Included in the miscellaneous section are: supplier prices, inventories, interest on deferred, variance analysis, typical bills, and hedging. These revisions have resulted in an increase in summer 2008 forecasted gas costs of \$ 382,169 from \$15,740,734 reflected in the March 14, 2008 filing to this revised forecast of \$16,122,903 (\$16,649,120 cost of delivered supplies less \$526,217 positive net hedging transaction projections).

Other schedules included with this filing to support the revised COG calculation are:

- **Deferred Interest** – The interest calculation for the 2008 Summer Period has been updated to reflect all of the revisions to the cost of gas estimate.
- **Variance Analysis** – The variance analysis, explaining the difference between the unit cost components of the summer 2008 COG and summer 2007 COG, has been updated for the latest revisions. The proposed residential cost of gas rate of \$1.1315 per therm is \$0.3143 per therm higher than the average summer 2007 rate of \$0.8172 per therm. The primary causes for the per therm increase are the forecast of commodity costs (\$0.2663 increase) and the prior period over collection (\$0.0701) increase, partially offset by a decrease in demand costs of \$0.0204 and the inclusion of the forecast for the recovery of assessing the capacity reserve charge (\$0.0051 decrease).

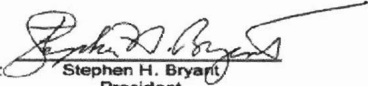
- **Typical Bill Analysis** – Revised typical bill and residential bill comparisons reflecting the updated proposed COG.rate are included with this filing. Summer season residential bills are expected to increase \$94.25 (an average of \$16 per month) or 20.86% from those experienced in 2007.

TARIFF SHEETS

CALCULATION OF COST OF GAS ADJUSTMENT
New Hampshire Division
Period Covered: May 1, 2008 - October 31 2008
Anticipated Cost of Delivered and Produced Gas

Delivered:	Therms	Rate	Amount
Product: - Commodity			
Granite State Supply	5,288,659	\$1.296	\$ 6,855,394
Domestic Supply	9,230,107	\$0.886	\$ 8,175,244
Storage Withdrawals	0	\$0.000	\$ -
Peaking Supply	52,661	\$1.434	\$ 75,519
Hedging (Gain)/Loss			\$ (526,217)
Interruptible Included Above			\$ (162,680)
Product: - Demand			
Granite State and Others			\$115,086
Pipeline Reservation			
Granite State and Others			\$889,581
Storage & Peaking Demand			
Tennessee and Others			\$700,976
Capacity Release			\$0
Less: Unaccounted For, Company Use & Interruptible Volumes	(386,647)		\$0
TOTAL Anticipated Cost of Gas	14,184,780	\$1.1366	\$16,122,903

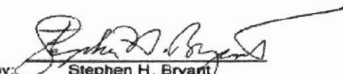
Issued: April 11, 2008
Effective Date: May 1, 2008
Authorized by NHPUC Order No. In Case No. dated

Issued by: 
Title: Stephen H. Bryant
President

CALCULATION OF COST OF GAS ADJUSTMENT
New Hampshire Division
Period Covered: ~~November 1, 2007 - April 30 2008~~
Period Covered: May 1, 2008 - October 31 2008
Anticipated Cost of Delivered and Produced Gas

Delivered:	Therms	Rate	Amount
Product: - Commodity			
Granite State Supply	4,040,617	\$ 0.8310	\$ 3,358,351
	5,288,659	\$ 1.2960	\$ 6,855,394
Domestic Supply	9,733,545	\$ 0.8700	\$ 8,464,837
	9,230,107	\$ 0.8860	\$ 8,175,244
Storage Withdrawals	49,183,459	\$ 0.7070	\$ 13,550,949
	0	\$	\$ -
Peaking Supply	3,990,050	\$ 0.7240	\$ 284,916
	52,661	\$ 1.4340	\$ 75,519
Hedging (Gain)/Loss			\$ 448,681
			\$ (526,217)
Interruptible Included Above			\$ (34,137)
			\$ (162,680)
Product: - Demand			
Granite State and Others			\$ 558,589
			\$ 115,086
Pipeline Reservation			
Granite State and Others			\$ 2,275,733
			\$ 889,581
Storage & Peaking Demand			
Tennessee and Others			\$ 9,389,227
			\$ 700,976
Capacity Release			\$ (479,499)
			\$ -
Less: Unaccounted For, Company Use & Interruptible Volumes			
	(586,612)		\$0.0000
	(386,647)		\$0
TOTAL Anticipated Cost of Gas			
	36,370,060	\$ 1.1118	\$ 40,436,645
	14,184,780	\$ 1.1366	\$ 16,122,903

Issued: October 11, 2007 April 11, 2008
Effective Date: ~~November 1, 2007~~ May 1, 2008
Authorized by NHPUC Order No. In Case No. dated

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Title: Stephen H. Bryant
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Calculation of Anticipated Indirect Cost of Gas-New Hampshire Division

Working Capital Calculation

Total Anticipated Direct Cost of Gas-Commodity	\$14,417,260
Total Anticipated Direct Cost of Gas-Demand	\$1,705,643
Interruptible Profits	
LESS Anticipated Direct Costs assigned to Non-Grandfathered Transportation	(\$4,479,593)
Total Direct Cost of Gas	\$11,643,310
 Total Direct gas Costs	 \$11,643,310
Working Capital Percentage (NHPUC No. 10 Section 4.06.1)	0.19%
Working Capital Allowance (NHPUC No. 10 Section 4.06.1)	\$22,122
Plus: Working Capital Reconciliation	\$24
Total Working Capital Allowance	\$22,146

Bad Debt Calculation

Total Anticipated Direct Cost of Gas	\$11,643,310
Plus: Total Working Capital	\$22,146
Subtotal	\$11,665,456
Bad Debt Percentage (NHPUC No. 10 Section 4.06.1)	0.45%
Total Bad Debt Allowance	\$52,495
Plus: Bad Debt Reconciliation	(\$474)
Total Bad Debt Allowance	\$52,021

	\$	Rate / Therm
Working Capital Allowance	\$22,146	
Bad Debt Allowance	\$52,021	
Miscellaneous Overhead-23.157% Allocated to Summer Season	\$28,784	
Capacity Reserve (Forecasted Transportation Therms * \$0.0055)	(\$74,192)	
Production and Storage Capacity	\$0	
Prior Period Under/(Over) Collection	(\$95,342)	
Refunds	\$0	
Interest	(\$5,138)	
Total Anticipated Indirect Cost of Gas	(\$71,721)	-\$0.0051
Total Anticipated Direct Cost of Gas-Commodity	\$14,417,260	\$1.0164
Total Anticipated Direct Cost of Gas-Demand	\$1,705,643	\$0.1202
Total Anticipated Period Cost of Gas	\$16,051,182	\$1.1315
 Forecasted Off-Peak Period Therms-Firm	 10,129,680	
Forecasted Non-Grandfathered Therms	4,055,100	
Forecasted Therms-Total	14,184,780	
Forecasted Transportation Therms	13,489,420	

	Residential	C&I Low Winter	C&I High Winter
Forecasted Summer Season Cost of Gas Rate:			
COGs-Commodity	\$1.0164	\$1.0345	\$0.9863
COGs-Demand	\$0.1202	\$0.0849	\$0.2010
COGs-Indirect	(\$0.0051)	(\$0.0051)	(\$0.0051)
COGs-Total	\$1.1315	\$1.1143	\$1.1822
 Minimum	 \$0.9052	 \$0.8914	 \$0.9458
Maximum	\$1.3578	\$1.3372	\$1.4186

Calculation of Anticipated Indirect Cost of Gas-New Hampshire Division

Working Capital Calculation

Total Anticipated Direct Cost of Gas-Commodity	\$28,602,596	\$14,417,260
Total Anticipated Direct Cost of Gas-Demand	\$44,744,049	\$1,705,643
Interruptible Profits	\$0	0
LESS Anticipated Direct Costs assigned to Non-Grandfathered Transportation	(\$4,142,746)	(\$4,479,593)
Total Direct Cost of Gas	\$36,203,899	\$11,643,310
Total Direct gas Costs	\$36,203,899	\$11,643,310
Working Capital Percentage (NHPUC No. 10 Section 4.06.1)	0.19%	0.19%
Working Capital Allowance (NHPUC No. 10 Section 4.06.1)	\$68,958	\$22,122
Plus: Working Capital Reconciliation	(\$2,660)	\$24
Total Working Capital Allowance	\$66,298	\$22,146

Bad Debt Calculation

Total Anticipated Direct Cost of Gas	\$36,203,899	\$11,643,310
Plus: Total Working Capital	\$66,298	\$22,146
Subtotal	\$36,260,198	\$11,665,456
Bad Debt Percentage (NHPUC No. 10 Section 4.06.1)	0.45%	0.45%
Total Bad Debt Allowance	\$162,624	\$52,495
Plus: Bad Debt Reconciliation	(\$1,652)	(\$474)
Total Bad Debt Allowance	\$162,069	\$52,021

	\$	\$	Rate / Therm	Rate / Therm
Working Capital Allowance	\$66,298	\$22,146		
Bad Debt Allowance	\$162,069	\$52,021		
Miscellaneous Overhead-76.8%23.157% Allocated to Winter/Summer Season	\$96,543	\$28,784		
Capacity Reserve (Forecasted Transportation Therms * \$0.0055)	\$0	(\$74,192)		
Production and Storage Capacity	\$686,673	\$0		
Prior Period Under/(Over) Collection	(\$2,770,434)	(\$95,342)		
Refunds	(\$20,377)	\$0		
Interest	(\$68,134)	(\$5,138)		
Total Anticipated Indirect Cost of Gas	\$4,848,304	(\$71,721)	(\$0.0508)	(\$0.0051)
Total Anticipated Direct Cost of Gas-Commodity	\$28,602,596	\$14,417,260	\$0.7889	\$1.0164
Total Anticipated Direct Cost of Gas-Demand	\$44,744,049	\$1,705,643	\$0.3229	\$0.1202
Total Anticipated Period Cost of Gas	\$36,688,254	\$16,051,182	\$1.0640	\$1.1315
Forecasted Off-Peak Period Therms-Firm	32,095,960	10,129,680		
Forecasted Non-Grandfathered Therms	4,275,000	4,055,100		
Forecasted Therms-Total	36,370,960	14,184,780		
Forecasted Transportation Therms		13,489,420		

	Residential	C&I Low Winter	C&I High Winter
Forecasted Winter Cost of Gas Rate:			
COGs-Commodity	\$0.7889	\$0.8228	\$0.7789
COGs-Demand	\$0.3229	\$0.2084	\$0.4008
COGs-Indirect	(\$0.0508)	(\$0.0508)	(\$0.0508)
COGs-Total	\$1.0610	\$0.9804	\$1.1289
Minimum	\$0.8488	\$0.7844	\$0.9034
Maximum	\$1.2732	\$1.1761	\$1.3547

	Residential	C&I Low Winter	C&I High Winter
Forecasted Summer Season Cost of Gas Rate:			
COGs-Commodity	\$1.0164	\$1.0345	\$0.9863
COGs-Demand	\$0.1202	\$0.0849	\$0.2010
COGs-Indirect	(\$0.0051)	(\$0.0051)	(\$0.0051)
COGs-Total	\$1.1315	\$1.1143	\$1.1822
Minimum	\$0.9052	\$0.8914	\$0.9458
Maximum	\$1.3578	\$1.3372	\$1.4186

Issued: September 14, 2007 April 11, 2008
Effective Date: November 1, 2007 May 1, 2008
Authorized by NHPUC Order No. In Case No. date:

Issued by: 
Title: Stephen H. Bryant
President

GAS COST EXHIBITS

Northern Utilities - NEW HAMPSHIRE DIVISION
Calculation of Summer Period Gas Cost
Effective May 2008

Line		R-1 & R-2	G-50,51, 52	G-40,41,42	Non-Grandfathered Transp.	Total
No.	<u>Firm Sales Service</u>	<u>Residential</u>	<u>Low Winter Classes</u>	<u>High Winter Classes</u>		
1	Summer Demand Costs -	\$466,670	\$233,098	\$703,388	\$302,487	\$1,705,643
2	Forecasted Sales (MMBtu)	3,882,450	2,747,000	3,500,230	4,055,100	14,184,780
3	Unit Summer Demand Cost (Ln 1 divided by Ln 2) COGs-Demand	\$0.1202	\$0.0849	\$0.2010		\$0.1202
4	Summer Commodity Costs -	\$3,946,122	\$2,841,707	\$3,452,325	\$4,177,106	\$14,417,260
5	Other	\$0	\$0	\$0	\$0	\$0
6	Total Commodity	\$3,946,122	\$2,841,707	\$3,452,325	\$4,177,106	\$14,417,260
5	Forecasted Sales (MMBtu) -	3,882,450	2,747,000	3,500,230	4,055,100	14,184,780
6	Unit Summer Commodity Cost (Ln 4 divided by Ln 5) COGs-Commodity	\$1.0164	\$1.0345	\$0.9863		\$1.0164
7	Indirect Gas Costs					-\$71,721
8	Forecasted Sales (MMBtu) -	3,882,450	2,747,000	3,500,230	4,055,100	14,184,780
9	Indirect Cost of Gas (Ln 7 divided by Ln 8) COGs-Indirect	(\$0.0051)	(\$0.0051)	(\$0.0051)		(\$0.0051)
10	Total Cost of Gas (COGs) (line 3 + line 6 + 9)	\$1.1315	\$1.1143	\$1.1822		\$1.1315

Northern Utilities - NEW HAMPSHIRE DIVISION
Summary of Costs to Winter and Summer Seasons

Line No	Description (1)	Nov - Apr (2)	May - Oct (3)	Total (4) = (2)+ (3)
	DEMAND:			
1	Pipeline/Product Charges	\$5,281,877	\$1,004,667	\$6,286,545
2	Capacity Credits	(\$671,688)	\$0	(\$671,688)
3	Total Pipeline/Product	\$4,610,190	\$1,004,667	\$5,614,857
4	Base Load Costs	\$534,130	\$534,130	\$1,068,260
5	Remaining Pipeline	\$4,076,060	\$470,537	\$4,546,597
6	Storage Demand	\$7,072,890	\$700,976	\$7,773,866
7	Peaking Demand	\$0	\$0	\$0
8	Off System Credits	\$0	\$0	\$0
9	Total Demand Costs	\$11,683,079	\$1,705,643	\$13,388,723
10	COMMODITY:			
11	Pipeline/Product Commodity Charges	\$16,465,339	\$15,030,638	\$31,495,976
12	Base Load	\$ 10,602,057	\$ 10,015,233	\$20,617,290
13	Remaining Pipeline	\$5,863,282	\$5,015,404	\$10,878,686
14	Storage Commodity	\$97,783	\$0	\$97,783
15	Peaking Commodity	\$2,462,739	\$75,519	\$2,538,258
16	Interruptible Included Above	\$ (36,899)	\$ (162,680)	\$ (199,578)
17	Hedging (Gain)/Loss	\$0	(\$526,217)	(\$526,217)
18	Total Commodity (Lines 14 + 18)	\$18,988,962	\$14,417,260	\$33,406,222
19	Total Demand and Commodity	\$30,672,041	\$16,122,903	\$46,794,945

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
COMMODITY COSTS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Supply Volumes - therms															
2															
3 Total Pipeline	2,089,308	2,346,022	2,357,892	2,121,992	2,183,520	4,055,898	3,139,002	2,035,402	1,775,294	1,596,393	2,252,462	3,720,214	29,673,398	15,154,632	14,518,766
4 Total Storage	2,564,688	3,558,544	4,225,576	3,899,436	3,155,623	672	0	0	0	0	0	0	17,402,537	17,402,537	0
5 Total Peaking	375,585	808,593	1,007,733	728,688	798,006	326,640	8,634	8,754	9,104	9,099	8,509	8,560	4,095,906	4,043,244	52,661
6 Subtotal	5,029,580	6,709,159	7,591,201	6,750,116	6,137,148	4,383,209	3,147,636	2,044,156	1,784,398	1,605,492	2,260,970	3,728,774	51,171,841	36,600,414	14,571,427
7 Less Interruptible	27,313	4,623	0	0	6,757	16,435	29,184	30,900	29,401	29,385	28,394	29,240	231,634	55,130	176,504
8 Less Company Use	22,040	29,930	34,160	30,230	26,710	19,100	12,990	9,810	9,380	9,400	10,690	16,090	230,530	162,170	68,360
9 Total Firm	4,980,227	6,674,606	7,557,041	6,719,886	6,103,681	4,347,674	3,105,462	2,003,446	1,745,617	1,566,707	2,221,886	3,683,444	50,709,677	36,383,114	14,326,563
10 Usage (Firm Sales)	4,933,090	6,608,520	7,482,190	6,653,280	6,043,240	4,304,640	3,074,740	1,983,640	1,728,360	1,551,180	2,199,870	3,646,990	50,209,740	36,024,960	14,184,780
11 Difference	47,137	66,086	74,851	66,606	60,441	43,034	30,722	19,806	17,257	15,527	22,016	36,454	499,937	358,154	141,783
Percent	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

12 Variable Costs

13 Total Pipeline	\$ 2,282,297	\$ 2,657,727	\$ 2,728,596	\$ 2,450,085	\$ 2,457,231	\$ 3,889,402	\$ 3,197,769	\$ 2,071,260	\$ 1,821,397	\$ 1,645,316	\$ 2,345,742	\$ 3,949,154	\$ 31,495,976	\$ 18,465,339	\$ 15,030,638
14 Total Storage	\$ 14,169	\$ 19,633	\$ 25,598	\$ 21,206	\$ 17,177	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 97,783	\$ 97,783	\$ -
15 Total Peaking	\$ 228,102	\$ 478,894	\$ 643,413	\$ 433,844	\$ 478,060	\$ 200,425	\$ 12,407	\$ 12,583	\$ 13,082	\$ 13,075	\$ 12,230	\$ 12,141	\$ 2,538,258	\$ 2,462,739	\$ 75,518
16 Subtotal	\$ 2,524,569	\$ 3,156,255	\$ 3,397,607	\$ 2,905,136	\$ 2,952,467	\$ 4,089,827	\$ 3,210,176	\$ 2,083,843	\$ 1,834,479	\$ 1,658,391	\$ 2,357,972	\$ 3,961,295	\$ 34,132,017	\$ 19,025,861	\$ 15,106,157
17 Total Interruptible Incl Above	\$ 21,742	\$ 462	\$ -	\$ -	\$ 670	\$ 14,025	\$ 25,273	\$ 27,748	\$ 27,049	\$ 28,005	\$ 27,031	\$ 27,574	\$ 199,578	\$ 36,899	\$ 162,680
18 Hedging (Gain)/Loss	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (222,933)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (303,284)	\$ (526,217)	\$ -	\$ (526,217)
19 Total (Without Interr)	\$ 2,502,827	\$ 3,155,792	\$ 3,397,607	\$ 2,905,136	\$ 2,951,798	\$ 4,075,802	\$ 2,961,970	\$ 2,056,095	\$ 1,807,430	\$ 1,630,386	\$ 2,330,941	\$ 3,630,437	\$ 33,406,222	\$ 18,988,962	\$ 14,417,260

20 Supply Cost/Therm

(Includes all variable costs, both supplier and transportation)

21 Total Pipeline	\$1.092	\$1.133	\$1.157	\$1.155	\$1.125	\$0.959	\$1.019	\$1.018	\$1.026	\$1.031	\$1.041	\$1.062	\$1.061	\$1.086	\$1.035
22 Total Storage	\$0.006	\$0.006	\$0.006	\$0.005	\$0.005	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.006	\$0.006	\$0.000
23 Total Peaking	\$0.607	\$0.594	\$0.638	\$0.595	\$0.599	\$0.614	\$1.437	\$1.437	\$1.437	\$1.437	\$1.437	\$1.418	\$0.620	\$0.667	\$0.667
24 Subtotal	\$0.502	\$0.470	\$0.448	\$0.430	\$0.481	\$0.933	\$1.020	\$1.019	\$1.028	\$1.033	\$1.043	\$1.062	\$0.667	\$0.667	\$0.667
25 Interruptible	\$0.796	\$0.100	\$0.000	\$0.000	\$0.099	\$0.853	\$0.866	\$0.898	\$0.920	\$0.953	\$0.952	\$0.943	\$0.862	\$0.862	\$0.862
26 Total	\$0.503	\$0.473	\$0.450	\$0.432	\$0.484	\$0.937	\$0.954	\$1.026	\$1.035	\$1.041	\$1.049	\$0.986	\$0.659	\$0.659	\$0.659

27 Commodity Costs

28 Pipeline Average Cost	\$ 1.092	\$ 1.133	\$ 1.157	\$ 1.155	\$ 1.125	\$ 0.959	\$ 1.019	\$ 1.018	\$ 1.026	\$ 1.031	\$ 1.041	\$ 1.062	\$ 1.061	\$ 1.086	\$ 1.035
29 Base Commodity, therms	1,579,390	1,643,365	1,647,195	1,489,335	1,646,005	1,602,750	1,639,535	1,594,340	1,656,035	1,566,580	1,602,750	1,638,960	19,306,240	9,608,040	9,698,200
30 Base Commodity Cost	\$ 1,725,278	\$ 1,861,711	\$ 1,906,164	\$ 1,719,610	\$ 1,852,336	\$ 1,536,957	\$ 1,670,230	\$ 1,622,429	\$ 1,699,041	\$ 1,614,589	\$ 1,669,124	\$ 1,739,821	\$ 20,617,290	\$ 10,602,057	\$ 10,015,233
31 Remaining Commodity	\$ 777,549	\$ 1,294,081	\$ 1,491,443	\$ 1,185,525	\$ 1,099,461	\$ 2,538,845	\$ 1,291,740	\$ 433,666	\$ 108,389	\$ 15,798	\$ 661,816	\$ 1,890,617	\$ 12,788,932	\$ 8,386,905	\$ 4,402,027
32 Total Commodity	\$ 2,502,827	\$ 3,155,792	\$ 3,397,607	\$ 2,905,136	\$ 2,951,798	\$ 4,075,802	\$ 2,961,970	\$ 2,056,095	\$ 1,807,430	\$ 1,630,386	\$ 2,330,941	\$ 3,630,437	\$ 33,406,222	\$ 18,988,962	\$ 14,417,260

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
DEMAND COSTS

1 DEVELOPMENT OF BASE AND REMAINING DEMAND COSTS:

	Total		
	MDQ	Costs	Unit Cost
5 Pipeline & Product Demand	31,440	\$6,286,545	\$ 199.96
6 Less: Base Use	5,343	\$1,068,260	
7 Remaining Pipeline Use	26,097	\$5,218,285	

10 BASE DEMAND COSTS ALLOCATED BY MONTH:

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	Winter	Summer
13 BASE DEMAND COSTS	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$1,068,260	\$534,130	\$534,130

16 DETAIL OF TOTAL REMAINING DEMAND COSTS:

17 Pipeline - Base	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$89,022	\$1,068,260	\$534,130	\$534,130
18 Pipeline - Remaining	\$441,753	\$843,375	\$1,531,168	\$931,364	\$674,554	\$325,533	\$149,471	\$35,403	\$7,191	\$10	\$56,009	\$222,453	\$5,218,285	\$4,747,748	\$470,537
19 Storage & Peaking	\$658,096	\$1,256,406	\$2,281,036	\$1,387,487	\$1,004,907	\$484,958	\$222,673	\$52,741	\$10,713	\$15	\$83,438	\$331,396	\$7,773,866	\$7,072,890	\$700,976
21 TOTAL	\$1,188,871	\$2,188,802	\$3,901,226	\$2,407,872	\$1,768,482	\$899,513	\$461,165	\$177,165	\$106,925	\$89,047	\$228,469	\$642,871	\$14,060,410	\$12,354,767	\$1,705,643

23 Less: Capacity Release \$671,688

25 Total for Working Capital \$13,388,723

27 Demand Cost Deducts

28 Interruptible Margins \$52,488

29 Off System Sales Margins \$0

30 Other \$0

31 TOTAL DEDUCTS \$52,488

33 Grand Total - Capacity \$13,336,235

SMBA Seasonal Demand Factors		
	Winter	Summer
Pipeline Base & Remaining	0.8402	0.1598
Storage & Peaking	0.9098	0.0902

Northern Utilities - NEW HAMPSHIRE DIVISION

Summary of Demand and Supply Forecast

	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total
I. Gas Volumes							
A. Firm Demand Volumes (Therms)							
Firm Gas Sales	2,284,210	1,332,750	1,146,720	1,000,710	1,559,040	2,806,250	10,129,680
Lost Gas (Unaccounted For)	30,722	19,806	17,257	15,527	22,016	36,454	141,783
Company Use	12,990	9,810	9,380	9,400	10,690	16,090	68,360
Interruptible	29,184	30,900	29,401	29,385	28,394	29,240	176,504
Non-Grandfathered Transportation	790,530	650,890	581,640	550,470	640,830	840,740	4,055,100
Unbilled Therms	0	0	0	0	0	0	0
Total Firm Demand Volumes	3,147,636	2,044,156	1,784,398	1,605,492	2,260,970	3,728,774	14,571,427
B. Supply Volumes (Net Therms)							
Pipeline Gas:							
GSST PNGTS Deliveries	207,939	200,476	208,474	208,366	194,851	196,023	1,216,129
GSST TGP Niagra	586,209	635,882	406,036	227,849	492,923	561,450	2,910,349
GSST TGP Niagra via Chicago	424,983	430,886	448,098	447,865	418,796	421,336	2,591,963
AGT FT Deliveries via Chicago	554,605	685,315	712,685	712,314	666,086	594,083	3,925,088
AGT FT Deliveries	141,840	82,849	0	0	54,135	117,121	395,945
TGP Gulf Coast	1,223,426	(6)	0	0	425,672	1,830,201	3,479,292
Tennessee @ Dracut	0	0	0	0	0	0	0
Huiline	0	0	0	0	0	0	0
Subtotal Pipeline Volumes	3,139,002	2,035,402	1,775,294	1,596,393	2,252,462	3,720,214	14,518,766
Storage							
TGP FS Stg	0	0	0	0	0	0	0
TETCO Stg (SS1, FSS)	0	0	0	0	0	0	0
MCN Stg	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Subtotal Storage Volumes	0	0	0	0	0	0	0
Peaking							
Domac	0	0	0	0	0	0	0
LNG (includes boiloff)	8,634	8,754	9,104	9,099	8,509	8,560	52,661
Propane	0	0	0	0	0	0	0
Duke	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Subtotal Peaking Volumes	8,634	8,754	9,104	9,099	8,509	8,560	52,661
Total Firm Sales/Sendout Volumes	3,147,636	2,044,156	1,784,398	1,605,492	2,260,970	3,728,774	14,571,427
							0 Should be Zero
II. Gas Costs							
A. Demand Costs							
Pipeline/Supply Related Demand Costs							
Granite							\$115,086
PNGTS							\$25,896
Algonquin							\$30,251
Iroquois							\$39,460
Tennessee							\$240,627
Texas Eastern							\$5,853
Trans Canada							\$83,942
Transco							\$0
Vector							\$195,756
Union							\$0
B							\$81,131
C							\$186,665
Other							\$0
TCPL							\$0
Subtotal Pipeline Demand Costs							\$1,004,667
Storage							
TGP FS Stg							\$14,002
TETCO Stg (SS1, FSS)							\$314
Granite Stg							\$0
Other							\$257,382
Other							\$373,753
Other							\$55,527
Subtotal Storage Demand Costs							\$700,978
Peaking							
B							\$0
C							\$0
A							\$0
Other							\$0
Other							\$0
Subtotal Peaking Demand Costs							\$0
Capacity Release							\$0
Off System Credits							\$0
Total Demand Costs							\$1,705,645
B. Supply Commodity Costs							
NH Allocation Factors	61.90%	64.85%	65.26%	65.23%	63.03%	61.36%	
Pipeline Purchases							

Northern Utilities - NEW HAMPSHIRE DIVISION

Summary of Demand and Supply Forecast

86	GSGT PNGTS Deliveries	\$204,548	\$198,249	\$208,444	\$209,680	\$196,339	\$198,790	\$1,216,050
87	GSGT TGP Niagra	\$599,321	\$655,480	\$422,857	\$238,697	\$516,999	\$592,331	\$3,025,685
88	GSGT TGP Niagra via Chicago	\$420,453	\$430,009	\$452,018	\$454,617	\$425,655	\$430,906	\$2,613,659
89	AGT FT Deliveries via Chicago	\$559,470	\$697,310	\$732,941	\$737,142	\$690,178	\$619,403	\$4,036,446
90	AGT FT Deliveries	\$149,478	\$90,213	\$5,136	\$5,179	\$61,590	\$128,425	\$440,021
91	TGP Gulf Coast	\$1,264,498	(\$1)	\$0	\$0	\$454,982	\$1,979,298	\$3,698,777
92	Tennessee @ Dracut	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93	Hubline	\$0	\$0	\$0	\$0	\$0	\$0	\$0
94	Total Pipeline Purchase \$\$	\$3,197,769	\$2,071,260	\$1,821,397	\$1,645,316	\$2,345,742	\$3,949,154	\$15,030,638
95								
96	Storage Withdrawals							
97	TGP FS Stg	\$0	\$0	\$0	\$0	\$0	\$0	\$0
98	TETCO Stg (SS1, FSS)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
99	MCN Stg	\$0	\$0	\$0	\$0	\$0	\$0	\$0
100	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
101	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
102	Total Storage Withdrawal \$\$	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103								
104	Peaking							
105	Domac	\$5,075	\$5,149	\$5,352	\$5,349	\$5,004	\$4,872	\$30,801
106	LNG	\$7,332	\$7,434	\$7,731	\$7,727	\$7,225	\$7,269	\$44,718
107	Propane	\$0	\$0	\$0	\$0	\$0	\$0	\$0
108	Duke	\$0	\$0	\$0	\$0	\$0	\$0	\$0
109	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
110	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
111	Total Peaking \$\$	\$12,407	\$12,583	\$13,082	\$13,075	\$12,230	\$12,141	\$75,519
112								
113	Interruptible Included above	\$ (25,273)	\$ (27,748)	\$ (27,049)	\$ (28,005)	\$ (27,031)	\$ (27,574)	\$ (162,680)
114								
115	Hedging (Gain)/Loss	(\$222,933)	\$0	\$0	\$0	\$0	(\$303,284)	(\$526,217)
116								
117	Total Commodity Costs	\$2,961,970	\$2,056,095	\$1,807,430	\$1,630,386	\$2,330,941	\$3,630,437	\$14,417,260
118								
119	Total Direct Costs							\$16,122,905

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
Base Costs

1 BASE DEMAND COSTS BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
34 Res Heat	\$ 19,565	\$ 19,430	\$ 19,385	\$ 19,365	\$ 19,399	\$ 19,280	\$ 19,475	\$ 19,381	\$ 19,281	\$ 18,901	\$ 19,280	\$ 19,482	\$ 232,225	\$ 116,423	\$ 115,801
35 Res General	\$ 1,102	\$ 1,094	\$ 1,092	\$ 1,091	\$ 1,092	\$ 1,086	\$ 1,097	\$ 1,092	\$ 1,086	\$ 1,120	\$ 1,086	\$ 1,097	\$ 13,134	\$ 6,557	\$ 6,577
36 G50 Low Annual-Low Winter	\$ 8,310	\$ 8,253	\$ 8,234	\$ 8,225	\$ 8,240	\$ 8,189	\$ 8,272	\$ 8,159	\$ 8,190	\$ 8,488	\$ 8,189	\$ 7,340	\$ 98,091	\$ 49,452	\$ 48,639
37 G40 Low Annual-High Winter	\$ 5,460	\$ 5,422	\$ 5,409	\$ 5,404	\$ 5,413	\$ 5,380	\$ 5,435	\$ 5,408	\$ 5,380	\$ 5,046	\$ 5,380	\$ 5,346	\$ 64,573	\$ 32,085	\$ 32,085
38 G41 Med Annual-Low Winter	\$ 11,549	\$ 11,469	\$ 11,443	\$ 11,431	\$ 11,451	\$ 11,381	\$ 11,496	\$ 11,441	\$ 11,381	\$ 11,268	\$ 11,381	\$ 11,500	\$ 137,189	\$ 68,723	\$ 68,466
39 G42 High Annual-Low Winter	\$ 7,269	\$ 7,219	\$ 7,202	\$ 7,194	\$ 7,207	\$ 7,163	\$ 7,236	\$ 7,201	\$ 7,164	\$ 6,730	\$ 7,163	\$ 7,238	\$ 85,985	\$ 42,254	\$ 42,731
40 G52 High Annual-High Winter	\$ 4,820	\$ 4,787	\$ 4,776	\$ 4,771	\$ 4,779	\$ 4,750	\$ 4,895	\$ 4,739	\$ 4,750	\$ 4,974	\$ 4,750	\$ 4,800	\$ 56,232	\$ 28,684	\$ 27,548
41 G42 High Annual-High Winter	\$ 1,079	\$ 1,071	\$ 1,069	\$ 1,068	\$ 1,070	\$ 1,063	\$ 1,074	\$ 1,069	\$ 1,063	\$ 910	\$ 1,063	\$ 1,074	\$ 12,671	\$ 6,419	\$ 6,252
42 Non-Grandfathered T50 Low Annual-Low Winter	\$ 548	\$ 544	\$ 543	\$ 543	\$ 544	\$ 540	\$ 546	\$ 543	\$ 540	\$ 556	\$ 540	\$ 546	\$ 6,533	\$ 3,262	\$ 3,271
43 Non-Grandfathered T40 Low Annual-High Winter	\$ 719	\$ 714	\$ 712	\$ 712	\$ 713	\$ 708	\$ 716	\$ 712	\$ 709	\$ 721	\$ 708	\$ 716	\$ 8,560	\$ 4,278	\$ 4,282
44 Non-Grandfathered T51 Med Annual-Low Winter	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593	\$ 3,593
45 Non-Grandfathered T41 Med Annual-High Winter	\$ 3,700	\$ 3,675	\$ 3,666	\$ 3,663	\$ 3,669	\$ 3,646	\$ 3,684	\$ 3,666	\$ 3,647	\$ 3,748	\$ 3,646	\$ 3,685	\$ 44,095	\$ 22,020	\$ 22,076
46 Non-Grandfathered T52 High Annual-Low Winter	\$ 805	\$ 794	\$ 792	\$ 791	\$ 792	\$ 786	\$ 796	\$ 792	\$ 786	\$ 805	\$ 792	\$ 797	\$ 11,532	\$ 5,660	\$ 5,872
47 Non-Grandfathered T42 High Annual-High Winter	\$ 1,733	\$ 1,722	\$ 1,722	\$ 1,722	\$ 1,722	\$ 1,708	\$ 1,726	\$ 1,717	\$ 1,708	\$ 1,599	\$ 1,708	\$ 1,726	\$ 19,072	\$ 8,888	\$ 10,185
48 Non-Grandfathered Special Contracts	\$ 18,769	\$ 18,640	\$ 18,596	\$ 18,577	\$ 18,610	\$ 18,496	\$ 18,683	\$ 18,593	\$ 18,497	\$ 19,019	\$ 18,496	\$ 18,690	\$ 223,666	\$ 111,688	\$ 111,978
49 TOTAL	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 1,068,260	\$ 534,130	\$ 534,130
50 Residential	\$ 20,667	\$ 20,524	\$ 20,477	\$ 20,455	\$ 20,491	\$ 20,366	\$ 20,572	\$ 20,473	\$ 20,367	\$ 20,021	\$ 20,366	\$ 20,579	\$ 245,358	\$ 122,980	\$ 122,378
51 SALES HLF CLASSES	\$ 24,680	\$ 24,509	\$ 24,452	\$ 24,427	\$ 24,470	\$ 24,320	\$ 24,633	\$ 24,320	\$ 24,322	\$ 24,730	\$ 24,320	\$ 23,640	\$ 291,511	\$ 146,858	\$ 144,653
52 SALES LLF CLASSES	\$ 13,807	\$ 13,712	\$ 13,680	\$ 13,666	\$ 13,690	\$ 13,606	\$ 13,744	\$ 13,678	\$ 13,607	\$ 12,685	\$ 13,606	\$ 13,749	\$ 163,228	\$ 82,160	\$ 81,068
53 Non-Grandfathered HLF CLASSES	\$ 23,715	\$ 24,166	\$ 24,802	\$ 24,776	\$ 24,820	\$ 24,667	\$ 24,918	\$ 24,797	\$ 24,667	\$ 25,517	\$ 24,667	\$ 24,926	\$ 296,434	\$ 146,946	\$ 149,488
54 Non-Grandfathered LLF CLASSES	\$ 6,153	\$ 6,110	\$ 5,611	\$ 5,697	\$ 5,551	\$ 6,063	\$ 6,125	\$ 6,095	\$ 6,064	\$ 6,068	\$ 6,063	\$ 6,127	\$ 71,727	\$ 35,185	\$ 36,542

32 BASE COMMODITY COSTS BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
34 Res Heat	\$ 379,178	\$ 406,342	\$ 415,077	\$ 374,065	\$ 403,647	\$ 332,865	\$ 365,400	\$ 353,230	\$ 368,000	\$ 342,803	\$ 361,490	\$ 380,758	\$ 4,482,854	\$ 2,311,174	\$ 2,171,681
35 Res General	\$ 21,354	\$ 22,884	\$ 23,376	\$ 21,066	\$ 22,732	\$ 18,746	\$ 20,578	\$ 19,893	\$ 20,725	\$ 20,314	\$ 20,358	\$ 21,443	\$ 253,469	\$ 130,158	\$ 123,311
36 G50 Low Annual-Low Winter	\$ 161,059	\$ 172,598	\$ 176,308	\$ 158,888	\$ 171,453	\$ 141,388	\$ 155,207	\$ 148,694	\$ 156,312	\$ 153,948	\$ 153,546	\$ 143,456	\$ 1,892,857	\$ 981,694	\$ 911,163
37 G40 Low Annual-High Winter	\$ 105,808	\$ 113,368	\$ 115,826	\$ 104,362	\$ 112,637	\$ 92,885	\$ 101,964	\$ 98,568	\$ 102,689	\$ 91,511	\$ 100,873	\$ 106,249	\$ 1,246,780	\$ 644,926	\$ 601,854
38 G41 Med Annual-Low Winter	\$ 223,821	\$ 239,856	\$ 245,012	\$ 220,804	\$ 238,265	\$ 196,484	\$ 215,689	\$ 208,505	\$ 217,223	\$ 204,367	\$ 213,380	\$ 224,754	\$ 2,648,161	\$ 1,364,242	\$ 1,283,919
39 G42 High Annual-Low Winter	\$ 93,419	\$ 100,111	\$ 102,263	\$ 92,159	\$ 99,447	\$ 82,009	\$ 73,073	\$ 79,812	\$ 90,665	\$ 90,212	\$ 89,061	\$ 93,808	\$ 1,066,040	\$ 559,409	\$ 516,631
40 G52 High Annual-High Winter	\$ 20,805	\$ 22,402	\$ 22,884	\$ 20,623	\$ 22,254	\$ 18,352	\$ 20,145	\$ 19,474	\$ 20,289	\$ 16,501	\$ 19,930	\$ 20,992	\$ 244,750	\$ 127,419	\$ 117,330
41 Non-Grandfathered T50 Low Annual-Low Winter	\$ 10,624	\$ 11,385	\$ 11,630	\$ 10,481	\$ 11,310	\$ 9,327	\$ 10,238	\$ 9,897	\$ 10,311	\$ 10,080	\$ 10,129	\$ 10,668	\$ 126,080	\$ 64,757	\$ 61,323
42 Non-Grandfathered T40 Low Annual-High Winter	\$ 13,933	\$ 14,931	\$ 15,252	\$ 13,745	\$ 14,832	\$ 12,231	\$ 13,427	\$ 12,980	\$ 13,522	\$ 13,079	\$ 13,283	\$ 13,991	\$ 165,206	\$ 84,925	\$ 80,282
43 Non-Grandfathered T51 Med Annual-Low Winter	\$ 69,639	\$ 83,809	\$ 100,435	\$ 90,511	\$ 97,669	\$ 80,544	\$ 88,415	\$ 85,470	\$ 89,044	\$ 89,254	\$ 87,469	\$ 92,131	\$ 1,054,389	\$ 522,606	\$ 531,782
44 Non-Grandfathered T41 Med Annual-High Winter	\$ 71,716	\$ 76,854	\$ 78,506	\$ 70,749	\$ 76,344	\$ 62,957	\$ 69,110	\$ 68,808	\$ 69,602	\$ 67,981	\$ 68,370	\$ 72,015	\$ 851,011	\$ 437,125	\$ 413,887
45 Non-Grandfathered T52 High Annual-Low Winter	\$ 15,599	\$ 20,369	\$ 20,807	\$ 18,751	\$ 20,234	\$ 16,686	\$ 18,317	\$ 17,707	\$ 18,303	\$ 19,531	\$ 18,121	\$ 19,086	\$ 222,510	\$ 112,445	\$ 110,065
46 Non-Grandfathered T42 High Annual-High Winter	\$ 33,596	\$ 36,002	\$ 36,385	\$ 26,385	\$ 34,319	\$ 29,492	\$ 32,375	\$ 31,297	\$ 32,605	\$ 29,002	\$ 32,028	\$ 33,736	\$ 366,401	\$ 175,357	\$ 191,044
47 Non-Grandfathered Special Contracts	\$ 363,754	\$ 389,813	\$ 398,193	\$ 358,849	\$ 387,228	\$ 319,326	\$ 363,537	\$ 338,862	\$ 353,031	\$ 344,947	\$ 346,785	\$ 365,270	\$ 4,316,596	\$ 2,217,163	\$ 2,099,432
48 TOTAL	\$ 1,725,278	\$ 1,861,711	\$ 1,906,164	\$ 1,719,610	\$ 1,852,336	\$ 1,536,957	\$ 1,670,230	\$ 1,622,429	\$ 1,699,041	\$ 1,614,589	\$ 1,669,124	\$ 1,739,821	\$ 20,617,290	\$ 10,602,057	\$ 10,015,233
49 Residential	\$ 400,532	\$ 429,226	\$ 438,453	\$ 395,131	\$ 426,379	\$ 351,611	\$ 385,978	\$ 373,123	\$ 388,724	\$ 363,117	\$ 381,847	\$ 402,201	\$ 4,736,323	\$ 2,441,332	\$ 2,294,991
50 SALES HLF CLASSES	\$ 478,300	\$ 512,565	\$ 523,583	\$ 471,850	\$ 509,166	\$ 419,881	\$ 443,969	\$ 437,011	\$ 464,200	\$ 448,527	\$ 455,988	\$ 462,019	\$ 5,627,058	\$ 2,915,345	\$ 2,711,713
51 SALES LLF CLASSES	\$ 267,887	\$ 286,757	\$ 292,921	\$ 263,979	\$ 284,855	\$ 234,904	\$ 257,864	\$ 249,275	\$ 259,699	\$ 230,071	\$ 255,104	\$ 268,702	\$ 3,151,717	\$ 1,631,002	\$ 1,520,715
52 Non-Grandfathered HLF CLASSES	\$ 459,616	\$ 505,377	\$ 531,065	\$ 478,593	\$ 516,441	\$ 425,880	\$ 467,507	\$ 451,935	\$ 470,689	\$ 462,811	\$ 462,503	\$ 487,156	\$ 5,719,574	\$ 2,916,972	\$ 2,802,602
53 Non-Grandfathered LLF CLASSES	\$ 119,245	\$ 127,787	\$ 120,142	\$ 110,057	\$ 115,495	\$ 104,680	\$ 114,912	\$ 111,084	\$ 115,729	\$ 110,063	\$ 113,682	\$ 119,742	\$ 1,382,618	\$ 697,407	\$ 685,212

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
Base Costs

1 BASE TOTAL COSTS BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Res Heat	\$ 398,742	\$ 425,772	\$ 434,462	\$ 439,430	\$ 423,046	\$ 352,145	\$ 384,876	\$ 372,611	\$ 387,281	\$ 361,704	\$ 380,769	\$ 400,241	\$ 4,715,079	\$ 2,427,597	\$ 2,287,482
2 Res General	\$ 22,456	\$ 23,978	\$ 24,468	\$ 22,157	\$ 23,825	\$ 19,832	\$ 21,675	\$ 20,984	\$ 21,810	\$ 21,434	\$ 21,444	\$ 22,540	\$ 266,602	\$ 136,715	\$ 129,888
3 G50 Low Annual-Low Winter	\$ 169,370	\$ 180,851	\$ 184,542	\$ 167,113	\$ 179,693	\$ 149,577	\$ 163,480	\$ 156,853	\$ 164,502	\$ 162,436	\$ 161,736	\$ 150,797	\$ 1,990,948	\$ 1,031,146	\$ 959,802
4 G40 Low Annual-High Winter	\$ 111,268	\$ 118,810	\$ 121,235	\$ 109,785	\$ 118,050	\$ 98,265	\$ 107,398	\$ 103,976	\$ 108,070	\$ 96,557	\$ 106,253	\$ 111,686	\$ 1,311,353	\$ 677,414	\$ 633,939
5 G51 Med Annual-Low Winter	\$ 235,370	\$ 251,325	\$ 256,455	\$ 232,234	\$ 249,716	\$ 207,865	\$ 217,185	\$ 219,945	\$ 228,605	\$ 215,635	\$ 224,761	\$ 236,254	\$ 2,785,350	\$ 1,432,965	\$ 1,352,385
6 G41 Med Annual-High Winter	\$ 148,142	\$ 158,184	\$ 161,413	\$ 146,168	\$ 157,172	\$ 130,830	\$ 142,980	\$ 138,434	\$ 143,884	\$ 128,789	\$ 141,465	\$ 148,699	\$ 1,746,172	\$ 901,910	\$ 844,262
7 G52 High Annual-Low Winter	\$ 98,239	\$ 104,898	\$ 107,039	\$ 96,930	\$ 104,227	\$ 86,759	\$ 76,968	\$ 84,191	\$ 95,415	\$ 95,186	\$ 93,811	\$ 98,608	\$ 1,142,272	\$ 598,092	\$ 544,179
8 G42 High Annual-High Winter	\$ 21,983	\$ 23,474	\$ 23,953	\$ 21,691	\$ 23,323	\$ 19,414	\$ 21,219	\$ 20,543	\$ 21,352	\$ 17,410	\$ 20,993	\$ 22,066	\$ 257,420	\$ 133,838	\$ 123,582
9 Non-Grandfathered T50 Low Annual-Low Winter	\$ 11,172	\$ 11,930	\$ 12,173	\$ 11,024	\$ 11,853	\$ 9,867	\$ 10,784	\$ 10,440	\$ 10,851	\$ 11,214	\$ 10,669	\$ 11,214	\$ 132,613	\$ 68,019	\$ 64,594
10 Non-Grandfathered T40 Low Annual-High Winter	\$ 14,652	\$ 15,645	\$ 15,964	\$ 14,457	\$ 15,545	\$ 12,940	\$ 14,142	\$ 13,692	\$ 14,231	\$ 13,800	\$ 13,991	\$ 14,707	\$ 173,766	\$ 89,203	\$ 84,563
11 Non-Grandfathered T51 Med Annual-Low Winter	\$ 73,232	\$ 87,817	\$ 105,125	\$ 95,197	\$ 102,363	\$ 85,208	\$ 93,127	\$ 90,160	\$ 93,709	\$ 94,175	\$ 92,134	\$ 96,845	\$ 1,109,092	\$ 548,942	\$ 560,150
12 Non-Grandfathered T41 Med Annual-High Winter	\$ 75,416	\$ 80,528	\$ 82,172	\$ 74,411	\$ 80,013	\$ 66,603	\$ 72,794	\$ 70,474	\$ 73,249	\$ 71,730	\$ 72,017	\$ 75,700	\$ 895,107	\$ 459,144	\$ 435,962
13 Non-Grandfathered T52 High Annual-Low Winter	\$ 16,404	\$ 21,343	\$ 21,779	\$ 19,722	\$ 21,206	\$ 17,652	\$ 19,293	\$ 18,678	\$ 19,362	\$ 19,553	\$ 19,087	\$ 20,063	\$ 234,042	\$ 118,105	\$ 115,936
14 Non-Grandfathered T42 High Annual-High Winter	\$ 35,329	\$ 37,724	\$ 27,617	\$ 25,887	\$ 25,488	\$ 31,201	\$ 34,101	\$ 33,014	\$ 34,314	\$ 30,601	\$ 33,737	\$ 35,462	\$ 385,473	\$ 184,245	\$ 201,228
15 Non-Grandfathered Special Contracts	\$ 382,523	\$ 408,453	\$ 416,789	\$ 377,426	\$ 405,838	\$ 337,821	\$ 369,220	\$ 357,455	\$ 371,528	\$ 363,966	\$ 365,281	\$ 383,960	\$ 4,540,261	\$ 2,328,851	\$ 2,211,410
16 TOTAL	\$ 1,814,300	\$ 1,950,733	\$ 1,995,186	\$ 1,808,632	\$ 1,941,358	\$ 1,625,978	\$ 1,759,251	\$ 1,711,450	\$ 1,788,063	\$ 1,703,611	\$ 1,758,146	\$ 1,828,942	\$ 21,685,550	\$ 11,136,186	\$ 10,549,363
17 Residential	\$ 421,198	\$ 449,750	\$ 458,929	\$ 415,586	\$ 446,871	\$ 371,977	\$ 406,551	\$ 393,596	\$ 409,092	\$ 383,138	\$ 402,213	\$ 422,781	\$ 4,981,881	\$ 2,564,312	\$ 2,417,370
18 SALES HLF CLASSES	\$ 502,979	\$ 537,074	\$ 548,036	\$ 496,277	\$ 533,636	\$ 444,201	\$ 467,632	\$ 460,989	\$ 488,522	\$ 473,257	\$ 480,307	\$ 485,659	\$ 5,918,570	\$ 3,062,203	\$ 2,856,367
19 SALES LLF CLASSES	\$ 281,394	\$ 300,468	\$ 306,601	\$ 277,644	\$ 298,545	\$ 248,510	\$ 271,608	\$ 262,953	\$ 273,305	\$ 242,756	\$ 268,710	\$ 282,451	\$ 3,314,945	\$ 1,713,162	\$ 1,601,783
20 Non-Grandfathered HLF CLASSES	\$ 483,331	\$ 529,542	\$ 555,867	\$ 503,369	\$ 541,261	\$ 450,548	\$ 492,424	\$ 476,733	\$ 495,351	\$ 488,329	\$ 487,170	\$ 512,083	\$ 6,016,008	\$ 3,063,918	\$ 2,952,090
21 Non-Grandfathered LLF CLASSES	\$ 125,397	\$ 133,898	\$ 125,753	\$ 115,755	\$ 121,046	\$ 110,743	\$ 121,036	\$ 117,180	\$ 121,793	\$ 116,131	\$ 119,745	\$ 125,868	\$ 1,454,346	\$ 732,592	\$ 721,754

1 BASE COMMODITY COSTS INCLUDING INTERRUPTIBLE BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Res Heat	\$ 379,178	\$ 406,342	\$ 415,077	\$ 374,065	\$ 403,647	\$ 332,865	\$ 370,929	\$ 359,271	\$ 373,858	\$ 348,749	\$ 367,344	\$ 386,793	\$ 4,518,118	\$ 2,311,174	\$ 2,206,944
2 Res General	\$ 21,354	\$ 22,884	\$ 23,376	\$ 21,066	\$ 22,732	\$ 18,746	\$ 20,890	\$ 20,233	\$ 21,055	\$ 20,666	\$ 20,688	\$ 21,783	\$ 255,472	\$ 130,158	\$ 125,314
3 G50 Low Annual-Low Winter	\$ 161,059	\$ 172,598	\$ 176,308	\$ 158,888	\$ 171,453	\$ 141,388	\$ 157,556	\$ 151,237	\$ 158,800	\$ 156,618	\$ 156,033	\$ 145,730	\$ 1,907,668	\$ 981,694	\$ 925,974
4 G40 Low Annual-High Winter	\$ 105,808	\$ 113,388	\$ 115,826	\$ 104,382	\$ 112,637	\$ 92,885	\$ 103,507	\$ 100,254	\$ 104,324	\$ 93,098	\$ 102,506	\$ 107,933	\$ 1,256,548	\$ 644,926	\$ 611,622
5 G51 Med Annual-Low Winter	\$ 223,821	\$ 239,856	\$ 245,012	\$ 220,804	\$ 238,265	\$ 196,484	\$ 218,953	\$ 212,071	\$ 220,682	\$ 207,911	\$ 216,836	\$ 228,316	\$ 2,669,011	\$ 1,364,242	\$ 1,304,769
6 G41 Med Annual-High Winter	\$ 140,873	\$ 150,966	\$ 154,211	\$ 138,974	\$ 149,965	\$ 123,667	\$ 137,809	\$ 133,478	\$ 138,897	\$ 124,176	\$ 136,477	\$ 143,703	\$ 1,673,196	\$ 858,656	\$ 814,540
7 G52 High Annual-Low Winter	\$ 93,419	\$ 100,111	\$ 102,263	\$ 92,159	\$ 99,447	\$ 82,009	\$ 74,179	\$ 81,177	\$ 92,108	\$ 91,777	\$ 90,503	\$ 95,295	\$ 1,094,448	\$ 569,409	\$ 525,039
8 G42 High Annual-High Winter	\$ 20,905	\$ 22,402	\$ 22,884	\$ 20,623	\$ 22,254	\$ 18,352	\$ 20,352	\$ 19,807	\$ 20,612	\$ 16,787	\$ 20,252	\$ 21,325	\$ 246,652	\$ 127,419	\$ 119,233
9 Non-Grandfathered T50 Low Annual-Low Winter	\$ 10,624	\$ 11,385	\$ 11,630	\$ 10,481	\$ 11,310	\$ 9,327	\$ 10,393	\$ 10,066	\$ 10,475	\$ 10,255	\$ 10,293	\$ 10,838	\$ 127,076	\$ 64,757	\$ 62,319
10 Non-Grandfathered T40 Low Annual-High Winter	\$ 13,933	\$ 14,931	\$ 15,252	\$ 13,745	\$ 14,831	\$ 12,231	\$ 13,630	\$ 13,202	\$ 13,738	\$ 13,306	\$ 13,498	\$ 14,213	\$ 166,511	\$ 84,925	\$ 81,586
11 Non-Grandfathered T51 Med Annual-Low Winter	\$ 69,639	\$ 83,809	\$ 100,435	\$ 90,511	\$ 97,669	\$ 80,543	\$ 89,753	\$ 86,932	\$ 90,461	\$ 90,802	\$ 88,885	\$ 93,591	\$ 1,063,031	\$ 522,606	\$ 500,424
12 Non-Grandfathered T41 Med Annual-High Winter	\$ 71,716	\$ 76,854	\$ 78,506	\$ 70,749	\$ 76,344	\$ 62,957	\$ 70,156	\$ 67,951	\$ 70,710	\$ 69,161	\$ 69,478	\$ 73,156	\$ 857,735	\$ 437,125	\$ 420,611
13 Non-Grandfathered T52 High Annual-Low Winter	\$ 15,599	\$ 20,369	\$ 20,807	\$ 18,751	\$ 20,234	\$ 16,686	\$ 18,594	\$ 18,009	\$ 18,595	\$ 18,852	\$ 18,414	\$ 19,389	\$ 224,299	\$ 112,445	\$ 111,853
14 Non-Grandfathered T42 High Annual-High Winter	\$ 33,596	\$ 36,002	\$ 26,385	\$ 25,563	\$ 24,319	\$ 29,492	\$ 32,865	\$ 31,832	\$ 33,124	\$ 29,505	\$ 32,547	\$ 34,270	\$ 369,501	\$ 175,357	\$ 194,144
15 Non-Grandfathered Special Contracts	\$ 363,754	\$ 389,813	\$ 398,193	\$ 358,849	\$ 387,228	\$ 319,326	\$ 355,841	\$ 344,657	\$ 368,651	\$ 350,930	\$ 352,402	\$ 371,059	\$ 4,350,704	\$ 2,217,163	\$ 2,133,540
16 TOTAL	\$ 1,725,278	\$ 1,861,711	\$ 1,906,164	\$ 1,719,610	\$ 1,852,336	\$ 1,536,957	\$ 1,695,503	\$ 1,650,177	\$ 1,726,090	\$ 1,642,593	\$ 1,696,156	\$ 1,767,394	\$ 20,779,970	\$ 10,602,057	\$ 10,177,913
17 SALES HLF CLASSES	\$ 499,654	\$ 535,449	\$ 546,959	\$ 492,917	\$ 531,898	\$ 438,627	\$ 471,577	\$ 464,718	\$ 492,644	\$ 476,973	\$ 484,060	\$ 491,124	\$ 5,926,599	\$ 3,045,503	\$ 2,881,096
18 SALES LLF CLASSES	\$ 646,764	\$ 693,098	\$ 707,998	\$ 638,044	\$ 688,502	\$ 567,769	\$ 632,695	\$ 612,810	\$ 637,691	\$ 582,810	\$ 626,579	\$ 659,753	\$ 7,694,514	\$ 3,942,175	\$ 3,752,339
19 Non-Grandfathered HLF CLASSES	\$ 459,616	\$ 505,377	\$ 516,441	\$ 478,593	\$ 516,441	\$ 425,880	\$ 470,839	\$ 459,665	\$ 478,182	\$ 470,839	\$ 469,993	\$ 494,877	\$ 5,765,109	\$ 2,916,972	\$ 2,848,137
20 Non-Grandfathered LLF CLASSES	\$ 119,245	\$ 127,787	\$ 120,142	\$ 110,057	\$ 115,495	\$ 104,680	\$ 116,651	\$ 112,984	\$ 117,572	\$ 111,972	\$ 115,523	\$ 121,639	\$ 1,393,747	\$ 697,407	\$ 696,341

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
Base Costs

31	BASE INTERRUPTIBLE COMMODITY COSTS BY CLASS	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
32		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	Res Heat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Res General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	G50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37	G40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	G51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	G41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	G52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	G42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42	Non-Grandfathered T50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43	Non-Grandfathered T40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44	Non-Grandfathered T51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
45	Non-Grandfathered T41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46	Non-Grandfathered T52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
47	Non-Grandfathered T42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
48	Non-Grandfathered Special Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
49	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
51	SALES HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
52	SALES LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
53	Non-Grandfathered HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
54	Non-Grandfathered LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

1 Annual Allocation (by class) of Remaining Demand by Component

	Allocated Pipeline Demand	Allocated Storage & Peaking Demand	Allocated Capacity Release Demand	Allocated Interruptible Margins	Allocated Off System Sales Credits	Allocated A&G	Allocated Net Remaining Demand
2							
3							
4	\$ 1,987,339	\$ 2,960,610	\$ (255,807)	\$ (19,990)	\$ -	\$ -	\$ 4,672,153
5	\$ 15,936	\$ 23,741	\$ (2,051)	\$ (180)	\$ -	\$ -	\$ 37,466
6	\$ 64,783	\$ 96,510	\$ (8,339)	\$ (652)	\$ -	\$ -	\$ 152,302
7	\$ 1,188,386	\$ 1,771,871	\$ (153,095)	\$ (11,963)	\$ -	\$ -	\$ 2,796,197
8	\$ 188,785	\$ 281,240	\$ (24,300)	\$ (1,899)	\$ -	\$ -	\$ 443,827
9	\$ 1,049,730	\$ 1,563,820	\$ (135,119)	\$ (10,559)	\$ -	\$ -	\$ 2,467,872
10	\$ 23,480	\$ 34,979	\$ (3,022)	\$ (236)	\$ -	\$ -	\$ 55,201
11	\$ 180,110	\$ 268,316	\$ (23,183)	\$ (1,812)	\$ -	\$ -	\$ 423,431
12	\$ 35,134	\$ 58,299	\$ (5,037)	\$ (394)	\$ -	\$ -	\$ 92,002
13	\$ 52,147	\$ 77,685	\$ (6,712)	\$ (525)	\$ -	\$ -	\$ 122,596
14	\$ 15,088	\$ 22,477	\$ (1,942)	\$ (152)	\$ -	\$ -	\$ 35,471
15	\$ 264,790	\$ 394,467	\$ (34,083)	\$ (2,693)	\$ -	\$ -	\$ 622,510
16	\$ 4,243	\$ 6,322	\$ (546)	\$ (43)	\$ -	\$ -	\$ 9,976
17	\$ 97,033	\$ 144,554	\$ (12,490)	\$ (976)	\$ -	\$ -	\$ 228,121
18	\$ 48,301	\$ 68,976	\$ (5,960)	\$ (466)	\$ -	\$ -	\$ 108,851
19	\$ 5,218,285	\$ 7,773,866	\$ (671,888)	\$ (52,488)	\$ -	\$ -	\$ 12,267,975
20							
21	\$ 2,003,275	\$ 2,984,351	\$ (257,858)	\$ (20,150)	\$ -	\$ -	\$ 4,709,618
22	\$ 277,049	\$ 412,729	\$ (35,661)	\$ (2,787)	\$ -	\$ -	\$ 651,330
23	\$ 2,419,225	\$ 3,604,007	\$ (311,398)	\$ (24,334)	\$ -	\$ -	\$ 5,687,500
24	\$ 58,465	\$ 87,097	\$ (7,526)	\$ (588)	\$ -	\$ -	\$ 137,449
25	\$ 413,970	\$ 616,706	\$ (53,285)	\$ (4,164)	\$ -	\$ -	\$ 973,227
26							
27							
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46							

Proportional Responsibility (PR) Allocator

	Remaining Load	Rank	%WINTER	PR	CumPR	Remaining Load No Off Peak	Rank	%WINTER	PR	CumPR
NOV	3,403,040	5	57.58%	2.227%	8.465%	3,403,040	5	57.58%	2.227%	9.968%
DEC	5,031,225	3	85.13%	3.235%	16.162%	5,031,225	3	85.13%	3.235%	17.685%
JAN	5,909,815	1	100.00%	11.494%	29.342%	5,909,815	1	100.00%	11.494%	30.845%
FEB	5,230,525	2	88.51%	1.686%	17.848%	5,230,525	2	88.51%	1.686%	19.351%
MAR	4,457,645	4	75.43%	4.461%	12.927%	4,457,645	4	75.43%	4.461%	14.430%
APR	2,744,930	6	46.45%	1.975%	6.238%	2,744,930	6	46.45%	7.741%	7.741%
MAY	1,465,915	8	24.80%	1.791%	2.864%					
JUN	409,100	10	6.92%	0.541%	0.678%					
JUL	89,595	11	1.52%	0.138%	0.138%					
AUG	140	12	0.00%	0.000%	0.000%					
SEP	619,130	9	10.48%	0.385%	1.073%					
OCT	2,044,490	7	34.59%	1.399%	4.263%					
TOTAL	31,405,550			29.342%	100.000%	26,777,180		9.017%		100.000%

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

1 REMAINING COMMODITY COSTS BY CLASS

(From Commodity tab)

(Allocate to classes based on Remaining Sendout)

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
2															
3															
4															
5															
6															
7	Res Heat	\$ 294,575	\$ 491,609	\$ 562,520	\$ 441,845	\$ 2,538,845	\$ 1,291,740	\$ 433,666	\$ 108,389	\$ 15,798	\$ 661,816	\$ 1,890,617	\$ 12,788,932	\$ 8,386,905	\$ 4,402,027
8	Res General	\$ 2,066	\$ 3,218	\$ 3,680	\$ 3,285	\$ 959,917	\$ 470,301	\$ 146,621	\$ 31,496	\$ 4,590	\$ 240,294	\$ 708,372	\$ 4,764,061	\$ 3,162,387	\$ 1,601,675
9	G50 Low Annual-High Winter	\$ 7,293	\$ 10,290	\$ 11,741	\$ 12,425	\$ 8,646	\$ 9,794	\$ -	\$ 592	\$ 86	\$ 2,236	\$ 2,556	\$ 31,687	\$ 21,802	\$ 9,885
10	G40 Low Annual-High Winter	\$ 178,770	\$ 299,112	\$ 342,031	\$ 266,242	\$ 250,797	\$ 288,931	\$ 90,315	\$ 13,609	\$ 1,989	\$ 146,936	\$ 433,027	\$ 2,894,637	\$ 7,919,790	\$ 974,847
11	G51 Med Annual-High Winter	\$ 23,533	\$ 38,387	\$ 44,380	\$ 38,537	\$ 31,826	\$ 29,075	\$ 6,153	\$ 16,228	\$ 2,365	\$ 13,934	\$ 48,470	\$ 388,671	\$ 1,919,790	\$ 116,225
12	G41 Med Annual-High Winter	\$ 156,150	\$ 261,811	\$ 299,747	\$ 234,046	\$ 219,249	\$ 247,198	\$ 71,785	\$ 17,913	\$ 2,611	\$ 121,709	\$ 374,029	\$ 2,514,009	\$ 1,678,764	\$ 835,245
13	G52 High Annual-High Winter	\$ 2,189	\$ 252	\$ 2,688	\$ 4,230	\$ 2,173	\$ -	\$ -	\$ 1,015	\$ 148	\$ 3,828	\$ 2,608	\$ 20,434	\$ 12,836	\$ 7,598
14	G52 High Annual-High Winter	\$ 26,999	\$ 45,113	\$ 51,585	\$ 40,258	\$ 37,827	\$ 43,570	\$ 6,819	\$ 4,548	\$ 663	\$ 22,323	\$ 65,300	\$ 433,060	\$ 289,837	\$ 143,223
15	Non-Grandfathered T50 Low Annual-High Winter	\$ 1,943	\$ 3,133	\$ 3,584	\$ 2,986	\$ 2,629	\$ 3,014	\$ 1,001	\$ 328	\$ 48	\$ 1,843	\$ 4,522	\$ 31,413	\$ 20,660	\$ 10,753
16	Non-Grandfathered T50 Low Annual-High Winter	\$ 10,057	\$ 16,780	\$ 19,203	\$ 15,103	\$ 14,056	\$ 15,949	\$ 4,924	\$ 592	\$ 86	\$ 8,119	\$ 24,062	\$ 161,688	\$ 107,956	\$ 53,732
17	Non-Grandfathered T51 Med Annual-High Winter	\$ -	\$ -	\$ 92,652	\$ 72,831	\$ 3,340	\$ 3,745	\$ 4,091	\$ 229	\$ 33	\$ 4,863	\$ 5,613	\$ 197,822	\$ 179,246	\$ 18,576
18	Non-Grandfathered T51 Med Annual-High Winter	\$ 51,231	\$ 85,214	\$ 8,555	\$ 9,287	\$ 71,451	\$ 82,276	\$ 27,061	\$ 2,271	\$ 331	\$ 43,194	\$ 123,305	\$ 671,456	\$ 393,018	\$ 278,438
19	Non-Grandfathered T52 High Annual-High Winter	\$ -	\$ 826	\$ 39,059	\$ 30,891	\$ 29,302	\$ 1,013	\$ 201	\$ 169	\$ 25	\$ 1,122	\$ 1,517	\$ 106,751	\$ 109,212	\$ 4,047
20	Non-Grandfathered T52 High Annual-High Winter	\$ 18,458	\$ 30,969	\$ -	\$ -	\$ 59,755	\$ 27,869	\$ 7,023	\$ 4,397	\$ 641	\$ 13,025	\$ 43,139	\$ 205,408	\$ 109,212	\$ 96,194
21	Non-Grandfathered T52 High Annual-High Winter	\$ 4,285	\$ 7,337	\$ 10,020	\$ 13,560	\$ 12,352	\$ 65,802	\$ 68,057	\$ 11,390	\$ 1,658	\$ 28,279	\$ 54,398	\$ 288,653	\$ 61,101	\$ 227,552
22	Non-Grandfathered Special Contracts	\$ 777,549	\$ 1,294,081	\$ 1,491,443	\$ 1,185,525	\$ 1,099,461	\$ 1,291,740	\$ 433,666	\$ 108,389	\$ 15,798	\$ 661,816	\$ 1,890,617	\$ 12,788,932	\$ 8,386,905	\$ 4,402,027
23	TOTAL	\$ 296,841	\$ 494,827	\$ 586,200	\$ 445,131	\$ 414,619	\$ 473,403	\$ 148,234	\$ 32,087	\$ 4,677	\$ 242,530	\$ 710,628	\$ 4,795,748	\$ 3,184,189	\$ 1,611,560
24	Residential	\$ 33,015	\$ 48,929	\$ 58,809	\$ 55,192	\$ 42,645	\$ 38,869	\$ 6,153	\$ 20,848	\$ 3,039	\$ 27,873	\$ 51,078	\$ 488,289	\$ 340,429	\$ 147,860
25	SALES HLF CLASSES	\$ 361,918	\$ 606,037	\$ 693,362	\$ 640,546	\$ 507,873	\$ 579,700	\$ 168,919	\$ 36,110	\$ 5,263	\$ 290,967	\$ 872,356	\$ 5,841,707	\$ 3,888,392	\$ 1,953,315
26	Non-Grandfathered HLF CLASSES	\$ 6,228	\$ 11,295	\$ 14,514	\$ 12,067	\$ 48,817	\$ 31,788	\$ 71,351	\$ 12,085	\$ 1,761	\$ 36,108	\$ 68,049	\$ 624,639	\$ 363,711	\$ 260,928
27	Non-Grandfathered HLF CLASSES	\$ 79,746	\$ 132,983	\$ 27,758	\$ 24,391	\$ 85,507	\$ 126,194	\$ 39,008	\$ 7,259	\$ 1,058	\$ 64,338	\$ 190,505	\$ 1,038,549	\$ 610,186	\$ 428,364
28															
29															
30															
31															
32															
33															
34															
35															
36	MONTHLY PR DEMAND %	8.465%	16.162%	29.342%	17.848%	12.927%	6.238%	2.864%	0.678%	0.138%	1.073%	4.263%	100.000%	90.983%	9.017%
37	Res Heat	\$ 168,238	\$ 321,192	\$ 583,132	\$ 354,702	\$ 256,888	\$ 123,976	\$ 58,925	\$ 13,483	\$ 4	\$ 21,330	\$ 84,719	\$ 1,987,339	\$ 1,808,139	\$ 179,200
38	Res General	\$ 1,349	\$ 2,576	\$ 4,676	\$ 2,844	\$ 2,060	\$ 994	\$ 456	\$ 108	\$ 0	\$ 171	\$ 679	\$ 15,936	\$ 14,499	\$ 1,437
39	G50 Low Annual-High Winter	\$ 5,484	\$ 10,470	\$ 19,009	\$ 11,563	\$ 8,374	\$ 4,041	\$ 1,856	\$ 440	\$ 0	\$ 695	\$ 2,762	\$ 64,783	\$ 58,941	\$ 5,842
40	G40 Low Annual-High Winter	\$ 100,887	\$ 192,228	\$ 348,984	\$ 212,283	\$ 153,748	\$ 74,198	\$ 34,068	\$ 1,639	\$ 2	\$ 12,766	\$ 50,703	\$ 1,189,386	\$ 1,082,138	\$ 107,248
41	G51 Med Annual-High Winter	\$ 15,982	\$ 30,511	\$ 55,394	\$ 33,695	\$ 24,404	\$ 11,777	\$ 5,048	\$ 1,281	\$ 0	\$ 2,026	\$ 8,048	\$ 188,795	\$ 171,762	\$ 17,023
42	G41 Med Annual-High Winter	\$ 88,865	\$ 169,656	\$ 308,016	\$ 187,357	\$ 135,696	\$ 65,485	\$ 30,068	\$ 7,122	\$ 2	\$ 11,267	\$ 44,750	\$ 1,049,730	\$ 955,075	\$ 94,655
43	G52 High Annual-High Winter	\$ 1,988	\$ 3,795	\$ 6,850	\$ 4,191	\$ 3,035	\$ 1,465	\$ 673	\$ 159	\$ 0	\$ 252	\$ 1,001	\$ 23,480	\$ 21,363	\$ 2,117
44	G42 High Annual-High Winter	\$ 15,247	\$ 29,109	\$ 52,849	\$ 32,146	\$ 23,282	\$ 11,236	\$ 5,159	\$ 1,222	\$ 0	\$ 1,533	\$ 7,678	\$ 180,110	\$ 163,869	\$ 16,241
45	Non-Grandfathered T50 Low Annual-High Winter	\$ 3,313	\$ 6,325	\$ 11,483	\$ 6,885	\$ 5,059	\$ 2,441	\$ 1,121	\$ 285	\$ 0	\$ 420	\$ 1,668	\$ 39,134	\$ 35,005	\$ 3,529
46	Non-Grandfathered T50 Low Annual-High Winter	\$ 4,415	\$ 8,428	\$ 15,301	\$ 9,307	\$ 6,741	\$ 3,253	\$ 1,494	\$ 354	\$ 0	\$ 560	\$ 2,223	\$ 52,147	\$ 47,445	\$ 4,702
47	Non-Grandfathered T51 Med Annual-High Winter	\$ 1,277	\$ 2,438	\$ 4,427	\$ 2,893	\$ 1,950	\$ 941	\$ 432	\$ 102	\$ 0	\$ 162	\$ 643	\$ 15,088	\$ 13,727	\$ 1,360
48	Non-Grandfathered T51 Med Annual-High Winter	\$ 22,416	\$ 42,795	\$ 77,896	\$ 47,260	\$ 34,229	\$ 16,518	\$ 7,585	\$ 365	\$ 1	\$ 2,842	\$ 11,288	\$ 284,790	\$ 240,914	\$ 23,876
49	Non-Grandfathered T52 High Annual-High Winter	\$ 359	\$ 686	\$ 1,245	\$ 757	\$ 549	\$ 285	\$ 122	\$ 29	\$ 0	\$ 46	\$ 181	\$ 4,243	\$ 3,861	\$ 383
50	Non-Grandfathered T52 High Annual-High Winter	\$ 8,214	\$ 15,682	\$ 28,472	\$ 17,319	\$ 12,543	\$ 6,053	\$ 2,779	\$ 134	\$ 0	\$ 1,041	\$ 4,136	\$ 97,033	\$ 88,283	\$ 8,750
51	Non-Grandfathered T52 High Annual-High Winter	\$ 3,920	\$ 7,483	\$ 13,586	\$ 8,264	\$ 5,985	\$ 2,888	\$ 1,326	\$ 314	\$ 0	\$ 497	\$ 1,974	\$ 46,301	\$ 42,126	\$ 4,175
52	Non-Grandfathered Special Contracts	\$ 441,753	\$ 843,375	\$ 1,531,168	\$ 931,364	\$ 674,554	\$ 325,533	\$ 149,471	\$ 35,403	\$ 10	\$ 56,009	\$ 222,453	\$ 5,218,285	\$ 4,747,748	\$ 470,537
53	TOTAL	\$ 169,587	\$ 323,768	\$ 587,808	\$ 357,546	\$ 258,968	\$ 124,971	\$ 57,381	\$ 13,591	\$ 4	\$ 21,502	\$ 85,399	\$ 2,003,275	\$ 1,822,638	\$ 180,637
54	Residential	\$ 23,454	\$ 44,776	\$ 81,293	\$ 49,448	\$ 35,813	\$ 17,283	\$ 7,936	\$ 382	\$ 1	\$ 2,974	\$ 11,810	\$ 277,049	\$ 252,067	\$ 24,982
55	SALES HLF CLASSES	\$ 204,799	\$ 390,993	\$ 709,858	\$ 431,786	\$ 312,727	\$ 150,919	\$ 69,296	\$ 16,413	\$ 5	\$ 25,966	\$ 103,131	\$ 2,419,225	\$ 2,201,082	\$ 218,144
56	Non-Grandfathered HLF CLASSES	\$ 8,869	\$ 16,932	\$ 30,741	\$ 18,699	\$ 13,543	\$ 6,536	\$ 3,001	\$ 711	\$ 0	\$ 1,124	\$ 4,466	\$ 104,766	\$ 95,319	\$ 9,447
57	Non-Grandfathered HLF CLASSES	\$ 35,045	\$ 66,905	\$ 121,469	\$ 73,886	\$ 53,513	\$ 25,825	\$ 11,858	\$ 2,809	\$ 1	\$ 4,443	\$ 17,647	\$ 413,970	\$ 376,642	\$ 37,328

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
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Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

1 PEAKING AND STORAGE DEMAND

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
2															
3															
4															
5	MONTHLY PR DEMAND %	8.465%	16.162%	29.342%	17.848%	12.927%	6.238%	2.864%	0.678%	0.138%	0.000%	1.073%	4.263%	100.000%	90.983%
6															
7	Res Heat	\$ 250,630	\$ 478,491	\$ 868,713	\$ 528,412	\$ 382,710	\$ 184,692	\$ 84,803	\$ 20,086	\$ 4,080	\$ 6	\$ 31,777	\$ 126,209	\$ 2,960,610	\$ 2,960,610
8	Res General	\$ 2,010	\$ 3,837	\$ 6,966	\$ 4,237	\$ 3,069	\$ 1,481	\$ 680	\$ 161	\$ 33	\$ 0	\$ 255	\$ 1,012	\$ 23,741	\$ 2,141
9	G50 Low Annual-High Winter	\$ 8,170	\$ 15,598	\$ 28,318	\$ 17,225	\$ 12,476	\$ 6,021	\$ 2,764	\$ 655	\$ 133	\$ 0	\$ 1,036	\$ 4,114	\$ 96,510	\$ 8,702
10	G40 Low Annual-High Winter	\$ 149,998	\$ 286,968	\$ 519,909	\$ 316,245	\$ 229,045	\$ 110,535	\$ 50,753	\$ 12,021	\$ 2,442	\$ 3	\$ 19,018	\$ 75,554	\$ 1,771,871	\$ 1,612,099
11	G51 Med Annual-High Winter	\$ 23,808	\$ 45,454	\$ 82,523	\$ 50,195	\$ 36,355	\$ 17,545	\$ 8,056	\$ 1,908	\$ 388	\$ 1	\$ 3,019	\$ 11,989	\$ 281,240	\$ 25,360
12	G41 Med Annual-High Winter	\$ 132,385	\$ 252,743	\$ 458,862	\$ 279,112	\$ 202,151	\$ 97,556	\$ 44,794	\$ 10,610	\$ 2,155	\$ 3	\$ 16,785	\$ 66,665	\$ 1,563,820	\$ 1,410,111
13	G42 High Annual-High Winter	\$ 2,961	\$ 5,653	\$ 10,284	\$ 6,243	\$ 4,522	\$ 2,182	\$ 1,002	\$ 237	\$ 48	\$ 0	\$ 375	\$ 1,491	\$ 34,979	\$ 3,154
14	G42 High Annual-High Winter	\$ 22,714	\$ 43,395	\$ 78,730	\$ 47,889	\$ 34,885	\$ 16,738	\$ 7,688	\$ 1,820	\$ 370	\$ 1	\$ 2,880	\$ 11,438	\$ 288,316	\$ 24,194
15	Non-Grandfathered T50 Low Annual-High Winter	\$ 4,935	\$ 9,422	\$ 17,106	\$ 10,405	\$ 7,536	\$ 3,637	\$ 1,670	\$ 396	\$ 80	\$ 0	\$ 629	\$ 2,485	\$ 58,299	\$ 5,257
16	Non-Grandfathered T40 Low Annual-High Winter	\$ 6,578	\$ 12,555	\$ 22,795	\$ 13,865	\$ 10,042	\$ 4,846	\$ 2,225	\$ 527	\$ 107	\$ 0	\$ 834	\$ 3,312	\$ 77,685	\$ 7,005
17	Non-Grandfathered T51 Med Annual-High Winter	\$ 1,903	\$ 3,633	\$ 6,595	\$ 4,012	\$ 2,906	\$ 1,402	\$ 644	\$ 152	\$ 31	\$ 0	\$ 241	\$ 958	\$ 22,477	\$ 2,027
18	Non-Grandfathered T41 Med Annual-High Winter	\$ 33,394	\$ 63,753	\$ 115,746	\$ 70,405	\$ 50,992	\$ 24,608	\$ 11,299	\$ 2,676	\$ 544	\$ 1	\$ 4,234	\$ 16,816	\$ 394,467	\$ 35,569
19	Non-Grandfathered T52 High Annual-High Winter	\$ 535	\$ 1,022	\$ 1,855	\$ 1,128	\$ 817	\$ 394	\$ 181	\$ 43	\$ 9	\$ 0	\$ 68	\$ 269	\$ 6,322	\$ 570
20	Non-Grandfathered T42 High Annual-High Winter	\$ 12,237	\$ 23,363	\$ 42,415	\$ 25,800	\$ 18,686	\$ 9,018	\$ 4,141	\$ 981	\$ 199	\$ 0	\$ 1,552	\$ 6,162	\$ 144,554	\$ 13,035
21	Non-Grandfathered Special Contracts	\$ 5,839	\$ 11,148	\$ 20,239	\$ 12,311	\$ 8,916	\$ 4,303	\$ 1,976	\$ 468	\$ 95	\$ 0	\$ 740	\$ 2,940	\$ 68,976	\$ 6,220
22	TOTAL	\$ 658,096	\$ 1,256,406	\$ 2,281,036	\$ 1,387,487	\$ 1,004,907	\$ 484,958	\$ 222,673	\$ 52,741	\$ 10,713	\$ 15	\$ 83,438	\$ 331,396	\$ 7,773,866	\$ 7,072,890
23															
24	Residential	\$ 252,640	\$ 482,328	\$ 875,679	\$ 532,650	\$ 385,779	\$ 186,173	\$ 85,483	\$ 20,247	\$ 4,113	\$ 6	\$ 32,032	\$ 127,222	\$ 2,984,351	\$ 289,102
25	SALES HLF CLASSES	\$ 34,940	\$ 66,705	\$ 121,105	\$ 73,664	\$ 53,352	\$ 25,747	\$ 11,822	\$ 2,800	\$ 569	\$ 1	\$ 4,430	\$ 17,594	\$ 412,729	\$ 37,513
26	SALES LLF CLASSES	\$ 305,097	\$ 582,477	\$ 1,057,501	\$ 643,246	\$ 465,880	\$ 224,829	\$ 103,232	\$ 24,451	\$ 4,966	\$ 7	\$ 38,682	\$ 153,637	\$ 3,604,007	\$ 324,976
27	Non-Grandfathered HLF CLASSES	\$ 13,212	\$ 25,224	\$ 45,795	\$ 27,856	\$ 20,175	\$ 9,736	\$ 4,471	\$ 1,059	\$ 215	\$ 0	\$ 1,675	\$ 6,653	\$ 156,073	\$ 14,073
28	Non-Grandfathered LLF CLASSES	\$ 52,207	\$ 99,671	\$ 180,956	\$ 110,070	\$ 79,720	\$ 38,472	\$ 17,665	\$ 4,184	\$ 850	\$ 1	\$ 6,619	\$ 26,290	\$ 616,706	\$ 56,609
29															
30	REMAINING CAPACITY RELEASE COSTS BY CLASS														
31															
32															
33	MONTHLY DEMAND %	9.968%	17.665%	30.845%	19.351%	14.430%	7.741%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	0.000%
34															
35	Res Heat	\$ (25,500)	\$ (45,188)	\$ (78,904)	\$ (49,501)	\$ (36,912)	\$ (19,802)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (255,807)	\$ -
36	Res General	\$ (204)	\$ (362)	\$ (633)	\$ (397)	\$ (296)	\$ (159)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,051)	\$ -
37	G50 Low Annual-High Winter	\$ (831)	\$ (1,473)	\$ (2,572)	\$ (1,614)	\$ (1,203)	\$ (646)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (8,339)	\$ -
38	G40 Low Annual-High Winter	\$ (15,261)	\$ (27,044)	\$ (47,223)	\$ (29,625)	\$ (22,091)	\$ (11,851)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (153,095)	\$ -
39	G51 Med Annual-High Winter	\$ (2,422)	\$ (4,293)	\$ (7,495)	\$ (4,702)	\$ (3,506)	\$ (1,881)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (24,300)	\$ -
40	G41 Med Annual-High Winter	\$ (13,469)	\$ (23,868)	\$ (41,678)	\$ (26,147)	\$ (19,497)	\$ (10,460)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (135,119)	\$ -
41	G42 High Annual-High Winter	\$ (301)	\$ (534)	\$ (932)	\$ (585)	\$ (436)	\$ (234)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,022)	\$ -
42	G42 High Annual-High Winter	\$ (2,311)	\$ (4,095)	\$ (7,151)	\$ (4,468)	\$ (3,346)	\$ (1,795)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (23,183)	\$ -
43	Non-Grandfathered T50 Low Annual-High Winter	\$ (502)	\$ (890)	\$ (1,554)	\$ (975)	\$ (727)	\$ (390)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,037)	\$ -
44	Non-Grandfathered T40 Low Annual-High Winter	\$ (669)	\$ (1,186)	\$ (2,070)	\$ (1,269)	\$ (899)	\$ (520)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (6,712)	\$ -
45	Non-Grandfathered T51 Med Annual-High Winter	\$ (194)	\$ (343)	\$ (599)	\$ (378)	\$ (280)	\$ (150)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,942)	\$ -
46	Non-Grandfathered T41 Med Annual-High Winter	\$ (3,398)	\$ (6,021)	\$ (10,513)	\$ (6,595)	\$ (4,918)	\$ (2,638)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (34,083)	\$ -
47	Non-Grandfathered T52 High Annual-High Winter	\$ (54)	\$ (96)	\$ (168)	\$ (106)	\$ (79)	\$ (42)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (546)	\$ -
48	Non-Grandfathered T42 High Annual-High Winter	\$ (1,245)	\$ (2,206)	\$ (3,853)	\$ (2,417)	\$ (1,802)	\$ (987)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (12,490)	\$ -
49	Non-Grandfathered Special Contracts	\$ (594)	\$ (1,053)	\$ (1,838)	\$ (1,153)	\$ (860)	\$ (461)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,960)	\$ -
50	TOTAL	\$ (86,956)	\$ (118,952)	\$ (207,164)	\$ (129,978)	\$ (96,922)	\$ (51,996)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (671,888)	\$ -
51															
52	Residential	\$ (25,704)	\$ (45,550)	\$ (79,537)	\$ (49,898)	\$ (37,208)	\$ (19,961)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (257,858)	\$ -
53	SALES HLF CLASSES	\$ (3,555)	\$ (6,299)	\$ (11,000)	\$ (6,901)	\$ (5,146)	\$ (2,761)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (35,661)	\$ -
54	SALES LLF CLASSES	\$ (31,041)	\$ (55,009)	\$ (96,051)	\$ (60,258)	\$ (44,933)	\$ (24,109)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (311,398)	\$ -
55	Non-Grandfathered HLF CLASSES	\$ (1,344)	\$ (2,382)	\$ (4,160)	\$ (2,610)	\$ (1,946)	\$ (1,044)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (13,485)	\$ -
56	Non-Grandfathered LLF CLASSES	\$ (5,312)	\$ (9,413)	\$ (16,436)	\$ (10,311)	\$ (7,689)	\$ (4,125)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (53,285)	\$ -
57															
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60															

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

1 REMAINING INTERRUPTIBLE MARGINS BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
2	9.988%	17.665%	30.845%	19.351%	14.430%	7.741%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	100.000%	0.000%
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30 REMAINING OFF SYSTEM REVENUES

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
31															
32															
33															
34															
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Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

REMAINING A&G BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 MONTHLY DEMAND %	9.988%	17.865%	30.845%	19.351%	14.430%	7.741%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	100.000%	0.000%
2 Res Heat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Res General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 G50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 G40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 G40 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 G51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 G41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 G52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 G42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 Non-Grandfathered T40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14 Non-Grandfathered T41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 Non-Grandfathered T52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16 Non-Grandfathered T42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17 Non-Grandfathered Special Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18 TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19 Residential	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20 SALES HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21 SALES LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22 Non-Grandfathered HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23 Non-Grandfathered LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24 Non-Grandfathered LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

25 TOTAL REMAINING DEMAND COSTS BY CLASS BY MONTH

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
26	8.465%	16.162%	29.342%	17.848%	12.927%	6.238%	2.864%	0.678%	0.138%	0.000%	1.073%	4.263%	100.000%	90.983%	9.017%
27	\$ 391,376	\$ 750,965	\$ 1,366,775	\$ 829,745	\$ 599,812	\$ 287,319	\$ 141,728	\$ 33,569	\$ 6,818	\$ -	\$ 53,107	\$ 210,929	\$ 4,672,153	\$ 4,225,992	\$ 446,161
28	\$ 3,138	\$ 6,022	\$ 10,960	\$ 6,654	\$ 4,810	\$ 2,304	\$ 1,137	\$ 269	\$ 55	\$ -	\$ 426	\$ 1,691	\$ 37,466	\$ 33,888	\$ 3,578
29	\$ 12,758	\$ 24,480	\$ 44,554	\$ 27,048	\$ 19,553	\$ 9,366	\$ 4,620	\$ 1,094	\$ 222	\$ -	\$ 1,731	\$ 6,876	\$ 152,302	\$ 137,758	\$ 14,544
30	\$ 234,231	\$ 449,439	\$ 817,980	\$ 496,587	\$ 358,976	\$ 171,955	\$ 84,821	\$ 20,090	\$ 4,081	\$ -	\$ 31,784	\$ 126,237	\$ 2,796,197	\$ 2,529,178	\$ 267,019
31	\$ 37,178	\$ 71,337	\$ 129,836	\$ 78,821	\$ 56,979	\$ 27,294	\$ 13,463	\$ 3,189	\$ 648	\$ -	\$ 5,045	\$ 20,037	\$ 443,827	\$ 401,444	\$ 42,383
32	\$ 206,728	\$ 396,666	\$ 721,943	\$ 438,279	\$ 316,826	\$ 151,784	\$ 74,862	\$ 17,731	\$ 3,602	\$ -	\$ 28,052	\$ 111,414	\$ 2,467,872	\$ 2,232,205	\$ 235,666
33	\$ 4,624	\$ 8,873	\$ 16,148	\$ 9,803	\$ 7,087	\$ 3,395	\$ 1,675	\$ 397	\$ 81	\$ -	\$ 627	\$ 2,492	\$ 55,201	\$ 49,930	\$ 5,271
34	\$ 35,470	\$ 68,059	\$ 123,869	\$ 75,199	\$ 54,360	\$ 26,039	\$ 12,845	\$ 3,042	\$ 618	\$ -	\$ 4,813	\$ 19,116	\$ 423,431	\$ 382,996	\$ 40,435
35	\$ 7,707	\$ 14,788	\$ 26,914	\$ 16,339	\$ 11,811	\$ 5,658	\$ 2,791	\$ 661	\$ 134	\$ -	\$ 1,046	\$ 4,154	\$ 92,002	\$ 83,216	\$ 8,786
36	\$ 10,270	\$ 19,705	\$ 35,864	\$ 21,772	\$ 15,739	\$ 7,539	\$ 3,719	\$ 881	\$ 179	\$ -	\$ 1,394	\$ 5,535	\$ 122,596	\$ 110,888	\$ 11,707
37	\$ 2,971	\$ 5,701	\$ 10,378	\$ 6,299	\$ 4,564	\$ 2,181	\$ 1,078	\$ 255	\$ 52	\$ -	\$ 403	\$ 1,801	\$ 35,471	\$ 32,083	\$ 3,387
38	\$ 52,146	\$ 100,057	\$ 182,107	\$ 110,554	\$ 79,918	\$ 38,282	\$ 18,884	\$ 4,473	\$ 908	\$ -	\$ 7,078	\$ 28,104	\$ 622,510	\$ 563,065	\$ 59,446
39	\$ 836	\$ 1,603	\$ 2,918	\$ 1,772	\$ 1,281	\$ 613	\$ 303	\$ 72	\$ 15	\$ -	\$ 113	\$ 450	\$ 9,976	\$ 9,023	\$ 953
40	\$ 19,109	\$ 36,666	\$ 66,734	\$ 40,513	\$ 29,286	\$ 14,029	\$ 6,920	\$ 1,639	\$ 333	\$ -	\$ 2,593	\$ 10,299	\$ 228,121	\$ 206,337	\$ 21,784
41	\$ 9,118	\$ 17,496	\$ 31,843	\$ 19,331	\$ 13,974	\$ 6,694	\$ 3,302	\$ 782	\$ 159	\$ -	\$ 1,237	\$ 4,914	\$ 108,851	\$ 98,456	\$ 10,395
42	\$ 1,027,861	\$ 1,971,857	\$ 3,588,831	\$ 2,178,716	\$ 1,574,965	\$ 754,432	\$ 372,144	\$ 88,144	\$ 17,904	\$ -	\$ 139,447	\$ 553,850	\$ 12,267,975	\$ 11,096,462	\$ 1,171,514
43	\$ 394,514	\$ 756,987	\$ 1,377,735	\$ 836,399	\$ 604,622	\$ 289,623	\$ 142,864	\$ 33,838	\$ 6,873	\$ -	\$ 53,533	\$ 212,620	\$ 4,709,618	\$ 4,259,880	\$ 449,739
44	\$ 54,560	\$ 104,690	\$ 190,538	\$ 115,672	\$ 83,618	\$ 40,054	\$ 19,758	\$ 4,680	\$ 951	\$ -	\$ 7,404	\$ 29,405	\$ 651,330	\$ 599,132	\$ 62,198
45	\$ 478,429	\$ 914,164	\$ 1,693,802	\$ 1,010,955	\$ 730,182	\$ 349,759	\$ 172,528	\$ 40,864	\$ 8,300	\$ -	\$ 64,648	\$ 256,768	\$ 5,887,500	\$ 5,144,380	\$ 543,120
46	\$ 20,632	\$ 39,588	\$ 72,052	\$ 43,741	\$ 31,620	\$ 15,146	\$ 7,471	\$ 1,770	\$ 359	\$ -	\$ 2,800	\$ 11,119	\$ 246,299	\$ 222,779	\$ 23,520
47	\$ 81,525	\$ 156,429	\$ 284,704	\$ 172,839	\$ 124,943	\$ 59,850	\$ 29,522	\$ 6,992	\$ 1,420	\$ -	\$ 11,062	\$ 43,937	\$ 973,227	\$ 880,290	\$ 92,937
48															
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Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

REMAINING TOTAL COSTS BY CLASS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Res Heat	\$ 685,951	\$ 1,242,574	\$ 1,929,295	\$ 1,271,591	\$ 1,011,732	\$ 1,247,235	\$ 612,029	\$ 180,190	\$ 38,314	\$ 4,800	\$ 293,401	\$ 919,301	\$ 9,436,214	\$ 7,388,378	\$ 2,047,835
2 Res General	\$ 5,204	\$ 9,240	\$ 14,640	\$ 9,939	\$ 7,508	\$ 9,159	\$ 4,238	\$ 1,882	\$ 647	\$ 86	\$ 86	\$ 3,948	\$ 69,153	\$ 55,690	\$ 13,463
3 G50 Low Annual-High Winter	\$ 20,051	\$ 34,770	\$ 56,295	\$ 39,473	\$ 28,199	\$ 34,117	\$ 14,414	\$ 1,094	\$ 3,828	\$ 526	\$ 11,843	\$ 6,876	\$ 251,486	\$ 212,904	\$ 38,581
4 G40 Low Annual-High Winter	\$ 413,001	\$ 748,551	\$ 1,160,021	\$ 762,829	\$ 608,774	\$ 754,793	\$ 373,753	\$ 110,405	\$ 17,730	\$ 1,995	\$ 178,720	\$ 559,264	\$ 5,690,835	\$ 4,448,868	\$ 1,241,866
5 G51 Med Annual-High Winter	\$ 60,711	\$ 109,724	\$ 174,216	\$ 117,358	\$ 88,805	\$ 103,077	\$ 42,538	\$ 9,342	\$ 16,876	\$ 2,366	\$ 18,978	\$ 68,507	\$ 812,498	\$ 653,891	\$ 158,607
6 G41 Med Annual-High Winter	\$ 362,878	\$ 658,478	\$ 1,021,989	\$ 672,324	\$ 536,075	\$ 659,527	\$ 322,060	\$ 89,517	\$ 21,514	\$ 2,616	\$ 149,760	\$ 485,443	\$ 4,981,881	\$ 3,910,970	\$ 1,070,911
7 G42 High Annual-High Winter	\$ 6,813	\$ 9,125	\$ 18,336	\$ 14,033	\$ 9,260	\$ 4,899	\$ 1,675	\$ 397	\$ 1,095	\$ 148	\$ 4,455	\$ 5,100	\$ 75,635	\$ 62,766	\$ 12,869
8 G43 High Annual-High Winter	\$ 62,469	\$ 113,172	\$ 175,454	\$ 115,457	\$ 142,187	\$ 114,095	\$ 56,415	\$ 9,861	\$ 15,66	\$ 664	\$ 27,136	\$ 84,417	\$ 856,491	\$ 672,834	\$ 183,658
9 Non-Grandfathered T50 Low Annual-High Winter	\$ 9,650	\$ 17,920	\$ 30,498	\$ 19,325	\$ 14,440	\$ 12,044	\$ 5,804	\$ 1,662	\$ 480	\$ 48	\$ 2,889	\$ 8,675	\$ 123,416	\$ 103,877	\$ 19,539
10 Non-Grandfathered T40 Low Annual-High Winter	\$ 20,328	\$ 36,485	\$ 55,066	\$ 36,875	\$ 29,795	\$ 40,295	\$ 19,668	\$ 5,805	\$ 771	\$ 87	\$ 9,512	\$ 29,596	\$ 284,283	\$ 218,844	\$ 65,439
11 Non-Grandfathered T51 Med Annual-High Winter	\$ 2,971	\$ 5,701	\$ 103,028	\$ 79,130	\$ 7,893	\$ 12,605	\$ 4,821	\$ 4,346	\$ 281	\$ 34	\$ 5,267	\$ 7,215	\$ 233,292	\$ 211,329	\$ 21,963
12 Non-Grandfathered T41 Med Annual-High Winter	\$ 103,377	\$ 185,271	\$ 190,862	\$ 119,841	\$ 151,369	\$ 205,562	\$ 101,160	\$ 31,534	\$ 3,179	\$ 332	\$ 50,270	\$ 151,408	\$ 1,293,966	\$ 955,082	\$ 337,884
13 Non-Grandfathered T52 High Annual-High Winter	\$ 836	\$ 2,429	\$ 41,977	\$ 32,663	\$ 30,582	\$ 3,240	\$ 1,316	\$ 273	\$ 184	\$ 25	\$ 1,236	\$ 1,967	\$ 116,727	\$ 111,727	\$ 5,000
14 Non-Grandfathered T42 High Annual-High Winter	\$ 37,567	\$ 67,665	\$ 66,734	\$ 40,513	\$ 29,286	\$ 73,783	\$ 34,889	\$ 8,662	\$ 4,730	\$ 641	\$ 15,618	\$ 53,438	\$ 433,526	\$ 337,503	\$ 117,978
15 Non-Grandfathered Special Contracts	\$ 13,403	\$ 24,833	\$ 41,863	\$ 32,891	\$ 27,521	\$ 19,046	\$ 69,104	\$ 66,839	\$ 11,519	\$ 1,656	\$ 29,516	\$ 59,312	\$ 397,503	\$ 159,557	\$ 237,946
16 TOTAL	\$ 1,805,210	\$ 3,265,938	\$ 5,080,274	\$ 3,364,241	\$ 2,674,427	\$ 3,293,277	\$ 1,663,884	\$ 521,810	\$ 126,293	\$ 15,823	\$ 801,263	\$ 2,444,466	\$ 25,056,907	\$ 19,483,367	\$ 5,573,540
17 Residential	\$ 691,155	\$ 1,251,814	\$ 1,943,935	\$ 1,281,530	\$ 1,019,240	\$ 1,256,394	\$ 616,267	\$ 182,072	\$ 38,960	\$ 4,887	\$ 296,063	\$ 923,249	\$ 9,505,367	\$ 7,444,068	\$ 2,061,298
18 SALES HLF CLASSES	\$ 87,576	\$ 153,619	\$ 249,347	\$ 170,864	\$ 126,263	\$ 141,893	\$ 58,627	\$ 10,833	\$ 21,799	\$ 3,040	\$ 35,276	\$ 80,483	\$ 1,139,619	\$ 929,561	\$ 210,058
19 SALES HLF CLASSES	\$ 838,348	\$ 1,520,200	\$ 2,357,164	\$ 1,550,610	\$ 1,238,036	\$ 1,528,414	\$ 752,228	\$ 208,783	\$ 44,410	\$ 5,275	\$ 355,616	\$ 1,129,124	\$ 11,529,207	\$ 9,032,772	\$ 2,496,435
20 Non-Grandfathered HLF CLASSES	\$ 26,860	\$ 50,884	\$ 217,366	\$ 164,008	\$ 80,437	\$ 46,935	\$ 81,045	\$ 73,120	\$ 12,444	\$ 1,762	\$ 38,907	\$ 77,169	\$ 870,938	\$ 586,490	\$ 284,448
21 Non-Grandfathered LLF CLASSES	\$ 161,271	\$ 289,422	\$ 312,462	\$ 197,229	\$ 210,450	\$ 319,640	\$ 155,717	\$ 46,001	\$ 8,680	\$ 1,060	\$ 75,401	\$ 234,442	\$ 2,011,776	\$ 1,490,475	\$ 521,301

TOTAL REMAINING COMMODITY COSTS INCLUDING INTERRUPTIBLE

(From Commodity tab)

(Allocate to classes based on Remaining Sendout)

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
30 TOTAL REMAINING	\$ 799,291	\$ 1,294,544	\$ 1,491,443	\$ 1,185,525	\$ 1,100,131	\$ 2,552,871	\$ 1,291,740	\$ 433,686	\$ 108,389	\$ 15,798	\$ 661,816	\$ 1,890,617	\$ 12,825,831	\$ 8,423,804	\$ 4,402,027
31 Res Heat	\$ 302,812	\$ 491,785	\$ 562,520	\$ 441,845	\$ 412,171	\$ 995,219	\$ 470,301	\$ 146,621	\$ 31,496	\$ 4,590	\$ 240,294	\$ 708,372	\$ 4,778,027	\$ 3,176,353	\$ 1,601,675
32 Res General	\$ 2,124	\$ 3,219	\$ 3,680	\$ 3,285	\$ 2,700	\$ 6,893	\$ 3,102	\$ 592	\$ 592	\$ 86	\$ 2,236	\$ 2,256	\$ 31,785	\$ 21,900	\$ 9,885
33 G50 Low Annual-High Winter	\$ 7,497	\$ 10,293	\$ 11,741	\$ 12,425	\$ 8,651	\$ 24,887	\$ 9,794	\$ 3,606	\$ 3,606	\$ 525	\$ 10,112	\$ 10,112	\$ 99,533	\$ 75,496	\$ 24,037
34 G40 Low Annual-High Winter	\$ 183,769	\$ 299,219	\$ 342,031	\$ 266,242	\$ 250,950	\$ 596,058	\$ 288,931	\$ 90,315	\$ 13,649	\$ 1,989	\$ 146,936	\$ 433,027	\$ 2,903,115	\$ 1,928,268	\$ 974,847
35 G51 Med Annual-High Winter	\$ 24,191	\$ 38,401	\$ 44,380	\$ 38,537	\$ 31,845	\$ 76,202	\$ 29,075	\$ 6,163	\$ 16,228	\$ 2,365	\$ 13,934	\$ 48,470	\$ 369,781	\$ 253,556	\$ 116,225
36 G41 Med Annual-High Winter	\$ 160,516	\$ 261,905	\$ 299,747	\$ 234,046	\$ 219,382	\$ 510,567	\$ 247,198	\$ 71,785	\$ 17,913	\$ 2,611	\$ 121,709	\$ 374,029	\$ 2,521,407	\$ 1,686,163	\$ 835,245
37 G42 High Annual-High Winter	\$ 2,250	\$ 252	\$ 2,888	\$ 4,230	\$ 2,174	\$ 1,312	\$ 515	\$ 1,015	\$ 1,015	\$ 148	\$ 3,528	\$ 2,608	\$ 20,504	\$ 12,906	\$ 7,598
38 G43 High Annual-High Winter	\$ 27,754	\$ 45,129	\$ 51,585	\$ 40,288	\$ 37,850	\$ 88,542	\$ 43,570	\$ 6,819	\$ 4,548	\$ 663	\$ 22,323	\$ 65,300	\$ 434,341	\$ 291,118	\$ 143,223
39 Non-Grandfathered T50 Low Annual-High Winter	\$ 1,997	\$ 3,134	\$ 3,364	\$ 2,966	\$ 2,631	\$ 6,421	\$ 3,014	\$ 1,001	\$ 326	\$ 48	\$ 1,843	\$ 4,522	\$ 31,506	\$ 20,753	\$ 10,753
40 Non-Grandfathered T40 Low Annual-High Winter	\$ 10,338	\$ 16,786	\$ 19,203	\$ 15,103	\$ 14,065	\$ 32,937	\$ 15,949	\$ 4,924	\$ 592	\$ 86	\$ 8,119	\$ 24,062	\$ 162,165	\$ 108,432	\$ 53,732
41 Non-Grandfathered T51 Med Annual-High Winter	\$ -	\$ -	\$ 92,652	\$ 72,831	\$ 3,342	\$ 10,481	\$ 4,091	\$ 4,091	\$ 229	\$ 33	\$ 4,863	\$ 5,613	\$ 197,861	\$ 179,305	\$ 18,576
42 Non-Grandfathered T41 Med Annual-High Winter	\$ 52,663	\$ 85,244	\$ 8,555	\$ 9,287	\$ 71,494	\$ 168,204	\$ 82,276	\$ 27,061	\$ 2,271	\$ 331	\$ 43,194	\$ 123,305	\$ 673,887	\$ 395,448	\$ 278,438
43 Non-Grandfathered T52 High Annual-High Winter	\$ -	\$ 826	\$ 39,059	\$ 30,891	\$ 29,319	\$ 2,641	\$ 1,013	\$ 201	\$ 169	\$ 25	\$ 1,122	\$ 1,517	\$ 106,784	\$ 102,736	\$ 4,047
44 Non-Grandfathered T42 High Annual-High Winter	\$ 18,974	\$ 31,010	\$ -	\$ -	\$ -	\$ 60,085	\$ 27,969	\$ 7,023	\$ 4,397	\$ 641	\$ 13,025	\$ 43,139	\$ 206,263	\$ 110,069	\$ 96,194
45 Non-Grandfathered Special Contracts	\$ 4,405	\$ 7,340	\$ 10,020	\$ 13,580	\$ 13,555	\$ 12,420	\$ 65,802	\$ 66,057	\$ 11,378	\$ -	\$ 28,279	\$ 54,398	\$ 287,214	\$ 61,300	\$ 225,914
46 TOTAL	\$ 799,291	\$ 1,294,544	\$ 1,491,443	\$ 1,185,525	\$ 1,100,131	\$ 2,552,871	\$ 1,291,740	\$ 433,686	\$ 108,389	\$ 15,798	\$ 661,816	\$ 1,890,617	\$ 12,825,831	\$ 8,423,804	\$ 4,402,027
47 Residential	\$ 304,936	\$ 495,004	\$ 566,200	\$ 445,131	\$ 414,871	\$ 972,112	\$ 473,403	\$ 148,234	\$ 32,087	\$ 4,677	\$ 242,530	\$ 710,628	\$ 4,809,813	\$ 3,198,253	\$ 1,611,560
48 SALES HLF CLASSES	\$ 33,938	\$ 48,947	\$ 58,909	\$ 55,192	\$ 42,671	\$ 102,401	\$ 38,869	\$ 6,163	\$ 20,848	\$ 3,039	\$ 27,873	\$ 51,078	\$ 489,818	\$ 341,958	\$ 147,860
49 SALES HLF CLASSES	\$ 372,038	\$ 606,253	\$ 693,362	\$ 540,546	\$ 508,192	\$ 1,185,167	\$ 579,700	\$ 168,919	\$ 36,110	\$ 5,263	\$ 280,967	\$ 872,356	\$ 5,858,863	\$ 3,905,548	\$ 1,953,315
50 Non-Grandfathered HLF CLASSES	\$ 6,402	\$ 11,299	\$ 145,314	\$ 120,267	\$ 48,847	\$ 31,964	\$ 73,574	\$ 71,351	\$ 12,103	\$ 106	\$ 36,108	\$ 66,049	\$ 623,384	\$ 364,094	\$ 259,290
51 Non-Grandfathered LLF CLASSES	\$ 81,976	\$ 133,040	\$ 27,758	\$ 24,391	\$ 85,559	\$ 261,226	\$ 126,194	\$ 39,008	\$ 7,259	\$ 1,058	\$ 64,338	\$ 190,505	\$ 1,042,314	\$ 613,950	\$ 428,364

Northern Utilities - NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
REMAINING COSTS

TOTAL REMAINING INTERRUPTIBLE COMMODITY COSTS

(Allocate to classes based on Remaining Sendout)

(From Commodity tab)

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 TOTAL REMAINING	\$ 21,742	\$ 462	\$ -	\$ -	\$ -	\$ 670	\$ 14,025						\$ 36,899	\$ 36,899	\$ -
2 Res Heat	\$ 8,237	\$ 176	\$ -	\$ -	\$ -	\$ 251	\$ 5,303						\$ 13,966	\$ 13,966	\$ -
3 Res General	\$ 58	\$ 1	\$ -	\$ -	\$ -	\$ 2	\$ 38						\$ 98	\$ 98	\$ -
4 G50 Low Annual-Low Winter	\$ 204	\$ 4	\$ -	\$ -	\$ -	\$ 5	\$ 137						\$ 350	\$ 350	\$ -
5 G50 Low Annual-High Winter	\$ 4,999	\$ 107	\$ -	\$ -	\$ -	\$ 153	\$ 3,220						\$ 8,478	\$ 8,478	\$ -
6 G40 Low Annual-Low Winter	\$ 658	\$ 14	\$ -	\$ -	\$ -	\$ 19	\$ 419						\$ 1,110	\$ 1,110	\$ -
7 G51 Med Annual-Low Winter	\$ 4,366	\$ 94	\$ -	\$ -	\$ -	\$ 134	\$ 2,805						\$ 7,398	\$ 7,398	\$ -
8 G41 Med Annual-High Winter	\$ 61	\$ 0	\$ -	\$ -	\$ -	\$ 1	\$ 7						\$ 70	\$ 70	\$ -
9 G52 High Annual-High Winter	\$ 755	\$ 16	\$ -	\$ -	\$ -	\$ 23	\$ 486						\$ 1,281	\$ 1,281	\$ -
10 G42 High Annual-Low Winter	\$ 54	\$ 1	\$ -	\$ -	\$ -	\$ 2	\$ 35						\$ 92	\$ 92	\$ -
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ 281	\$ 6	\$ -	\$ -	\$ -	\$ 9	\$ 181						\$ 477	\$ 477	\$ -
12 Non-Grandfathered T40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2	\$ 58						\$ 60	\$ 60	\$ -
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 1,433	\$ 30	\$ -	\$ -	\$ -	\$ 44	\$ 924						\$ 2,431	\$ 2,431	\$ -
14 Non-Grandfathered T41 Med Annual-High Winter	\$ -	\$ 0	\$ -	\$ -	\$ -	\$ 18	\$ 15						\$ 33	\$ 33	\$ -
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 516	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ 330						\$ 857	\$ 857	\$ -
16 Non-Grandfathered T42 High Annual-High Winter	\$ 120	\$ 3	\$ -	\$ -	\$ -	\$ 8	\$ 68						\$ 199	\$ 199	\$ -
17 Non-Grandfathered Special Contracts	\$ 21,742	\$ 462	\$ -	\$ -	\$ -	\$ 670	\$ 14,025						\$ 36,899	\$ 36,899	\$ -
18 TOTAL	\$ 981	\$ 19	\$ -	\$ -	\$ -	\$ 28	\$ 600						\$ 1,628	\$ 1,628	\$ -
19 SALES HLF CLASSES	\$ 18,357	\$ 392	\$ -	\$ -	\$ -	\$ 560	\$ 11,814						\$ 31,123	\$ 31,123	\$ -
20 SALES LLF CLASSES	\$ 174	\$ 4	\$ -	\$ -	\$ -	\$ 30	\$ 176						\$ 384	\$ 384	\$ -
21 Non-Grandfathered HLF CLASSES	\$ 2,230	\$ 48	\$ -	\$ -	\$ -	\$ 52	\$ 1,435						\$ 3,765	\$ 3,765	\$ -
22 Non-Grandfathered LLF CLASSES															
23 Non-Grandfathered LLF CLASSES															

Northern Utilities NEW HAMPSHIRE DIVISION
Simplified Market Based Allocator (SMBA) Calculations
Cost Summary

Summary of Gas Costs

Line	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
1 BASE COMMODITY															
2 Res Heat	\$ 379,178	\$ 405,342	\$ 415,077	\$ 374,055	\$ 403,647	\$ 332,865	\$ 365,400	\$ 353,230	\$ 368,000	\$ 342,803	\$ 361,490	\$ 380,758	\$ 4,482,854	\$ 2,311,174	\$ 2,171,681
3 Res General	\$ 21,354	\$ 22,884	\$ 23,376	\$ 21,066	\$ 22,732	\$ 18,746	\$ 20,578	\$ 19,893	\$ 20,725	\$ 20,314	\$ 20,358	\$ 21,443	\$ 253,469	\$ 130,158	\$ 123,311
5 G50 Low Annual-Low Winter	\$ 161,059	\$ 172,598	\$ 175,308	\$ 158,888	\$ 171,453	\$ 141,388	\$ 155,207	\$ 148,694	\$ 156,312	\$ 153,948	\$ 153,546	\$ 143,456	\$ 1,892,857	\$ 981,694	\$ 911,163
6 G40 Low Annual-High Winter	\$ 105,008	\$ 113,388	\$ 115,826	\$ 104,382	\$ 112,637	\$ 92,885	\$ 101,964	\$ 98,568	\$ 102,689	\$ 91,511	\$ 100,873	\$ 106,249	\$ 1,246,780	\$ 644,926	\$ 601,854
7 G51 Med Annual-Low Winter	\$ 223,821	\$ 239,856	\$ 245,012	\$ 220,804	\$ 238,265	\$ 196,484	\$ 215,689	\$ 208,505	\$ 217,223	\$ 204,367	\$ 213,380	\$ 224,754	\$ 2,648,161	\$ 1,364,242	\$ 1,283,919
8 G41 Med Annual-High Winter	\$ 140,873	\$ 150,966	\$ 154,211	\$ 138,974	\$ 149,965	\$ 123,667	\$ 135,575	\$ 131,233	\$ 136,721	\$ 122,059	\$ 134,302	\$ 141,461	\$ 1,660,187	\$ 858,696	\$ 801,531
9 G52 High Annual-Low Winter	\$ 93,419	\$ 100,111	\$ 102,263	\$ 92,159	\$ 99,447	\$ 82,009	\$ 73,073	\$ 79,812	\$ 80,665	\$ 80,212	\$ 89,051	\$ 93,808	\$ 1,086,040	\$ 569,409	\$ 516,631
10 Non-Grandfathered T50 Low Annual-Low Winter	\$ 20,905	\$ 22,402	\$ 22,884	\$ 20,623	\$ 22,254	\$ 18,352	\$ 20,145	\$ 19,474	\$ 20,289	\$ 16,501	\$ 19,930	\$ 20,992	\$ 244,750	\$ 127,419	\$ 117,330
11 Non-Grandfathered T50 Low Annual-High Winter	\$ 10,624	\$ 11,385	\$ 11,630	\$ 10,481	\$ 11,310	\$ 9,327	\$ 10,238	\$ 9,897	\$ 10,311	\$ 10,080	\$ 10,129	\$ 10,668	\$ 126,080	\$ 64,757	\$ 61,323
12 Non-Grandfathered T40 Low Annual-Low Winter	\$ 13,933	\$ 14,931	\$ 15,252	\$ 13,745	\$ 14,832	\$ 12,231	\$ 13,427	\$ 12,980	\$ 13,522	\$ 13,079	\$ 13,283	\$ 13,991	\$ 165,206	\$ 84,925	\$ 80,282
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 69,639	\$ 83,809	\$ 100,435	\$ 90,511	\$ 97,669	\$ 80,543	\$ 88,415	\$ 85,470	\$ 89,044	\$ 89,254	\$ 87,469	\$ 92,131	\$ 1,054,389	\$ 522,606	\$ 531,782
14 Non-Grandfathered T41 Med Annual-High Winter	\$ 71,716	\$ 78,854	\$ 78,506	\$ 70,749	\$ 76,344	\$ 62,957	\$ 69,110	\$ 66,808	\$ 69,602	\$ 67,981	\$ 68,370	\$ 72,015	\$ 851,011	\$ 437,125	\$ 413,887
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 15,599	\$ 20,369	\$ 20,807	\$ 18,751	\$ 20,234	\$ 16,686	\$ 18,317	\$ 17,707	\$ 18,303	\$ 18,531	\$ 18,121	\$ 19,085	\$ 222,510	\$ 115,357	\$ 110,065
16 Non-Grandfathered T42 High Annual-High Winter	\$ 33,596	\$ 36,002	\$ 36,385	\$ 25,563	\$ 24,319	\$ 29,492	\$ 32,375	\$ 31,297	\$ 32,605	\$ 29,002	\$ 32,028	\$ 33,736	\$ 366,401	\$ 175,445	\$ 191,044
17 Non-Grandfathered Special Contracts	\$ 363,754	\$ 389,813	\$ 398,193	\$ 358,849	\$ 387,228	\$ 319,326	\$ 350,537	\$ 338,862	\$ 353,031	\$ 344,947	\$ 346,785	\$ 365,270	\$ 4,316,596	\$ 2,217,163	\$ 2,099,432
18 TOTAL	\$ 1,725,278	\$ 1,861,711	\$ 1,906,164	\$ 1,719,610	\$ 1,852,336	\$ 1,536,957	\$ 1,670,230	\$ 1,622,429	\$ 1,699,041	\$ 1,614,589	\$ 1,669,124	\$ 1,739,821	\$ 20,617,290	\$ 10,602,057	\$ 10,015,233
19															
20 Residential	\$ 400,532	\$ 429,226	\$ 438,453	\$ 395,131	\$ 426,379	\$ 351,611	\$ 385,978	\$ 373,123	\$ 388,724	\$ 363,117	\$ 381,847	\$ 402,201	\$ 4,736,323	\$ 2,441,332	\$ 2,294,991
21 SALES HLF CLASSES	\$ 478,300	\$ 512,565	\$ 523,583	\$ 471,850	\$ 509,166	\$ 419,881	\$ 443,969	\$ 437,011	\$ 464,200	\$ 448,527	\$ 455,988	\$ 462,019	\$ 5,627,058	\$ 2,915,345	\$ 2,711,713
22 SALES LHF CLASSES	\$ 267,587	\$ 286,757	\$ 292,921	\$ 263,979	\$ 284,855	\$ 234,904	\$ 257,864	\$ 249,275	\$ 259,698	\$ 230,071	\$ 255,104	\$ 268,702	\$ 3,151,717	\$ 1,631,002	\$ 1,520,715
23 Non-Grandfathered HLF CLASSES	\$ 459,616	\$ 505,377	\$ 531,065	\$ 478,593	\$ 516,441	\$ 425,880	\$ 467,507	\$ 451,935	\$ 470,689	\$ 462,811	\$ 482,503	\$ 487,156	\$ 5,719,574	\$ 2,916,972	\$ 2,802,602
24 Non-Grandfathered LHF CLASSES	\$ 119,245	\$ 127,787	\$ 120,142	\$ 110,057	\$ 115,495	\$ 104,680	\$ 114,912	\$ 111,084	\$ 115,729	\$ 110,063	\$ 113,682	\$ 119,742	\$ 1,382,618	\$ 697,407	\$ 685,212
25															
26															
27															
28 REMAINING COMMODITY															
29 Res Heat	\$ 294,575	\$ 491,609	\$ 562,520	\$ 441,845	\$ 411,920	\$ 959,917	\$ 470,301	\$ 146,621	\$ 31,496	\$ 4,590	\$ 240,294	\$ 708,372	\$ 4,764,061	\$ 3,162,387	\$ 1,601,675
30 Res General	\$ 2,066	\$ 3,218	\$ 3,680	\$ 3,285	\$ 2,698	\$ 6,855	\$ 3,102	\$ 1,613	\$ 592	\$ 86	\$ 2,236	\$ 2,256	\$ 31,687	\$ 21,802	\$ 9,895
31 G50 Low Annual-Low Winter	\$ 7,283	\$ 10,290	\$ 11,741	\$ 12,425	\$ 8,646	\$ 24,751	\$ 9,794	\$ -	\$ 3,606	\$ 526	\$ 10,112	\$ -	\$ 99,183	\$ 75,146	\$ 24,037
32 G40 Low Annual-High Winter	\$ 178,770	\$ 299,112	\$ 342,031	\$ 266,242	\$ 250,797	\$ 582,838	\$ 288,931	\$ 90,315	\$ 13,649	\$ 1,989	\$ 146,936	\$ 433,027	\$ 2,894,637	\$ 1,919,790	\$ 974,847
33 G51 Med Annual-Low Winter	\$ 23,533	\$ 38,387	\$ 44,380	\$ 38,537	\$ 31,826	\$ 75,783	\$ 29,075	\$ 6,153	\$ 16,228	\$ 2,365	\$ 13,934	\$ 48,470	\$ 368,671	\$ 252,447	\$ 116,225
34 G41 Med Annual-High Winter	\$ 156,150	\$ 261,811	\$ 299,747	\$ 234,046	\$ 219,249	\$ 507,762	\$ 247,198	\$ 71,785	\$ 17,913	\$ 2,611	\$ 121,709	\$ 374,029	\$ 2,514,009	\$ 1,678,764	\$ 835,245
35 G52 High Annual-Low Winter	\$ 2,189	\$ 252	\$ 2,688	\$ 4,230	\$ 2,173	\$ 1,305	\$ -	\$ -	\$ 1,015	\$ 148	\$ 3,828	\$ 2,608	\$ 20,434	\$ 12,836	\$ 7,598
36 G42 High Annual-High Winter	\$ 26,999	\$ 45,113	\$ 51,585	\$ 40,258	\$ 37,827	\$ 88,055	\$ 43,570	\$ 6,819	\$ 4,548	\$ 663	\$ 22,323	\$ 65,300	\$ 433,060	\$ 289,837	\$ 143,223
37 Non-Grandfathered T50 Low Annual-Low Winter	\$ 1,943	\$ 3,133	\$ 3,584	\$ 2,986	\$ 2,629	\$ 6,386	\$ 3,014	\$ 1,001	\$ 326	\$ 48	\$ 1,843	\$ 4,522	\$ 31,413	\$ 20,660	\$ 10,753
38 Non-Grandfathered T40 Low Annual-Low Winter	\$ 10,057	\$ 16,780	\$ 19,203	\$ 15,103	\$ 14,056	\$ 32,756	\$ 15,949	\$ 4,924	\$ 592	\$ 86	\$ 8,119	\$ 24,062	\$ 161,688	\$ 107,956	\$ 53,732
39 Non-Grandfathered T51 Med Annual-Low Winter	\$ -	\$ -	\$ 92,652	\$ 72,831	\$ 3,340	\$ 10,424	\$ 3,745	\$ 4,091	\$ 229	\$ 33	\$ 4,863	\$ 5,613	\$ 197,822	\$ 179,246	\$ 18,576
40 Non-Grandfathered T41 Med Annual-High Winter	\$ 51,231	\$ 85,214	\$ 8,555	\$ 9,287	\$ 71,451	\$ 167,280	\$ 82,276	\$ 27,061	\$ 2,271	\$ 331	\$ 43,194	\$ 123,305	\$ 671,456	\$ 393,018	\$ 278,438
41 Non-Grandfathered T52 High Annual-Low Winter	\$ -	\$ 826	\$ 39,059	\$ 30,891	\$ 29,302	\$ 2,627	\$ 1,013	\$ 201	\$ 169	\$ 25	\$ 1,122	\$ 1,517	\$ 106,751	\$ 102,704	\$ 4,047
42 Non-Grandfathered T42 High Annual-High Winter	\$ 18,458	\$ 30,999	\$ -	\$ -	\$ -	\$ 59,755	\$ 27,962	\$ 7,023	\$ 4,397	\$ 641	\$ 13,025	\$ 43,139	\$ 205,406	\$ 109,212	\$ 96,194
43 Non-Grandfathered Special Contracts	\$ 4,285	\$ 7,337	\$ 10,020	\$ 13,560	\$ 13,547	\$ 12,352	\$ 65,809	\$ 66,057	\$ 11,360	\$ 1,656	\$ 28,279	\$ 54,398	\$ 288,653	\$ 61,101	\$ 227,552
44 TOTAL	\$ 777,549	\$ 1,294,081	\$ 1,491,443	\$ 1,185,525	\$ 1,099,461	\$ 2,538,845	\$ 1,291,740	\$ 433,666	\$ 108,389	\$ 15,798	\$ 661,816	\$ 1,890,617	\$ 12,798,932	\$ 8,386,905	\$ 4,402,027
45															
46 Residential	\$ 296,641	\$ 494,827	\$ 566,200	\$ 445,131	\$ 414,619	\$ 966,772	\$ 473,403	\$ 148,234	\$ 32,087	\$ 4,677	\$ 242,530	\$ 710,628	\$ 4,795,748	\$ 3,184,189	\$ 1,611,560
47 SALES HLF CLASSES	\$ 33,015	\$ 48,929	\$ 58,809	\$ 55,192	\$ 42,645	\$ 101,839	\$ 38,969	\$ 6,153	\$ 20,848	\$ 3,039	\$ 27,873	\$ 51,078	\$ 488,289	\$ 340,429	\$ 147,860
48 SALES LHF CLASSES	\$ 361,918	\$ 606,037	\$ 693,362	\$ 540,546	\$ 507,873	\$ 1,178,656	\$ 579,700	\$ 168,919	\$ 36,110	\$ 5,263	\$ 290,967	\$ 872,356	\$ 5,841,707	\$ 3,888,392	\$ 1,953,315
49 Non-Grandfathered HLF CLASSES	\$ 6,228	\$ 11,295	\$ 145,314	\$ 120,267	\$ 48,817	\$ 31,788	\$ 73,574	\$ 71,351	\$ 12,085	\$ 1,761	\$ 36,108	\$ 66,049	\$ 624,639	\$ 363,711	\$ 280,928
50 Non-Grandfathered LHF CLASSES	\$ 79,746	\$ 132,993	\$ 27,758	\$ 24,391	\$ 85,507	\$ 259,791	\$ 126,194	\$ 39,008	\$ 7,259	\$ 1,058	\$ 64,338	\$ 190,505	\$ 1,038,549	\$ 610,186	\$ 428,364
51															
52															

Northern Utilities NEW HAMPSHIRE DIVISION Simplified Market Based Allocator (SMBA) Calculations Cost Summary

Summary of Gas Costs

Line	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1	TOTAL COMMODITY														
2	\$ 673,753	\$ 897,951	\$ 977,597	\$ 815,910	\$ 815,567	\$ 1,292,782	\$ 835,701	\$ 499,851	\$ 399,495	\$ 347,393	\$ 601,784	\$ 1,089,130	\$ 9,246,915	\$ 5,473,560	\$ 3,773,355
3	\$ 23,420	\$ 26,102	\$ 27,055	\$ 24,351	\$ 25,430	\$ 25,601	\$ 23,680	\$ 21,506	\$ 21,316	\$ 20,400	\$ 22,594	\$ 23,699	\$ 285,156	\$ 151,960	\$ 133,196
4	\$ 168,353	\$ 182,887	\$ 188,049	\$ 171,313	\$ 180,099	\$ 166,138	\$ 165,002	\$ 148,694	\$ 159,917	\$ 164,473	\$ 163,558	\$ 143,456	\$ 1,992,041	\$ 1,056,840	\$ 935,201
5	\$ 284,578	\$ 412,501	\$ 457,857	\$ 370,624	\$ 363,434	\$ 675,232	\$ 300,895	\$ 188,983	\$ 116,338	\$ 93,500	\$ 247,808	\$ 539,276	\$ 4,141,418	\$ 2,564,716	\$ 1,576,701
6	\$ 247,354	\$ 278,243	\$ 289,382	\$ 259,340	\$ 270,091	\$ 273,467	\$ 244,763	\$ 214,658	\$ 233,451	\$ 206,732	\$ 227,314	\$ 273,225	\$ 3,016,832	\$ 1,616,689	\$ 1,400,144
7	\$ 297,023	\$ 412,777	\$ 453,957	\$ 373,020	\$ 369,213	\$ 631,430	\$ 382,953	\$ 203,019	\$ 154,634	\$ 124,670	\$ 256,011	\$ 515,489	\$ 4,174,195	\$ 2,537,420	\$ 1,636,776
8	\$ 95,608	\$ 100,363	\$ 104,951	\$ 96,389	\$ 101,520	\$ 83,314	\$ 73,073	\$ 79,812	\$ 91,680	\$ 90,360	\$ 92,888	\$ 96,416	\$ 1,106,474	\$ 582,245	\$ 524,229
9	\$ 47,903	\$ 67,516	\$ 74,469	\$ 60,881	\$ 60,081	\$ 106,407	\$ 63,715	\$ 26,293	\$ 24,836	\$ 17,163	\$ 42,252	\$ 86,292	\$ 677,810	\$ 417,257	\$ 260,553
10	\$ 12,567	\$ 14,518	\$ 15,214	\$ 13,467	\$ 13,939	\$ 15,712	\$ 13,252	\$ 10,898	\$ 10,637	\$ 10,127	\$ 11,372	\$ 15,190	\$ 157,493	\$ 85,417	\$ 72,076
11	\$ 23,990	\$ 31,712	\$ 34,455	\$ 28,848	\$ 28,889	\$ 44,988	\$ 29,376	\$ 17,904	\$ 14,114	\$ 13,165	\$ 21,402	\$ 38,053	\$ 326,894	\$ 192,881	\$ 134,014
12	\$ 69,639	\$ 83,809	\$ 193,087	\$ 163,342	\$ 101,009	\$ 90,966	\$ 92,160	\$ 89,561	\$ 89,273	\$ 89,287	\$ 92,332	\$ 97,744	\$ 1,252,210	\$ 701,852	\$ 550,358
13	\$ 122,947	\$ 162,067	\$ 183,061	\$ 80,036	\$ 147,795	\$ 230,236	\$ 151,386	\$ 93,870	\$ 71,873	\$ 68,312	\$ 111,565	\$ 195,319	\$ 1,522,467	\$ 830,142	\$ 692,325
14	\$ 15,599	\$ 21,195	\$ 59,866	\$ 49,642	\$ 49,535	\$ 19,313	\$ 19,330	\$ 17,908	\$ 18,472	\$ 18,556	\$ 19,243	\$ 20,603	\$ 329,261	\$ 215,149	\$ 114,112
15	\$ 52,054	\$ 67,001	\$ 26,385	\$ 25,563	\$ 24,319	\$ 89,247	\$ 60,344	\$ 38,320	\$ 37,002	\$ 29,643	\$ 45,054	\$ 76,875	\$ 571,806	\$ 284,559	\$ 287,237
16	\$ 368,039	\$ 397,150	\$ 408,217	\$ 372,409	\$ 400,775	\$ 331,678	\$ 416,339	\$ 404,919	\$ 364,391	\$ 346,603	\$ 375,064	\$ 419,668	\$ 4,605,248	\$ 2,278,265	\$ 2,326,984
17	\$ 2,502,827	\$ 3,155,792	\$ 3,397,607	\$ 2,905,136	\$ 2,951,798	\$ 4,075,802	\$ 2,981,970	\$ 2,056,095	\$ 1,807,430	\$ 1,630,386	\$ 2,330,941	\$ 3,630,941	\$ 33,406,222	\$ 18,988,962	\$ 14,417,260
18	TOTAL														
19	\$ 697,173	\$ 924,053	\$ 1,004,652	\$ 840,262	\$ 840,998	\$ 1,318,383	\$ 859,381	\$ 521,357	\$ 420,812	\$ 367,794	\$ 624,377	\$ 1,112,830	\$ 9,532,071	\$ 5,625,520	\$ 3,906,551
20	\$ 511,315	\$ 561,494	\$ 582,392	\$ 527,042	\$ 551,811	\$ 521,719	\$ 482,838	\$ 443,164	\$ 485,048	\$ 451,565	\$ 483,861	\$ 513,097	\$ 6,115,347	\$ 3,255,774	\$ 2,859,573
21	\$ 629,505	\$ 892,793	\$ 986,283	\$ 804,524	\$ 792,728	\$ 1,413,560	\$ 837,564	\$ 418,195	\$ 295,808	\$ 235,334	\$ 546,071	\$ 1,141,058	\$ 8,993,423	\$ 5,519,393	\$ 3,474,030
22	\$ 465,844	\$ 516,672	\$ 676,379	\$ 598,860	\$ 565,259	\$ 457,669	\$ 541,081	\$ 523,286	\$ 482,774	\$ 464,573	\$ 498,611	\$ 553,206	\$ 6,344,213	\$ 3,280,682	\$ 3,063,530
23	\$ 198,991	\$ 260,780	\$ 147,900	\$ 134,448	\$ 201,002	\$ 364,471	\$ 241,106	\$ 150,093	\$ 122,989	\$ 111,121	\$ 178,020	\$ 310,247	\$ 2,421,168	\$ 1,307,592	\$ 1,113,576
24															
25															
26															
27	BASE CAPACITY														
28	Res Heat														
29	\$ 1,102	\$ 1,094	\$ 1,092	\$ 1,091	\$ 1,092	\$ 1,096	\$ 1,097	\$ 1,092	\$ 1,086	\$ 1,120	\$ 1,086	\$ 1,097	\$ 13,134	\$ 6,557	\$ 6,577
30	\$ 8,310	\$ 8,253	\$ 8,234	\$ 8,225	\$ 8,240	\$ 8,189	\$ 8,272	\$ 8,159	\$ 8,190	\$ 8,488	\$ 8,189	\$ 7,340	\$ 98,091	\$ 49,452	\$ 48,639
31	\$ 5,460	\$ 5,422	\$ 5,409	\$ 5,404	\$ 5,413	\$ 5,380	\$ 5,435	\$ 5,408	\$ 5,380	\$ 5,046	\$ 5,380	\$ 5,436	\$ 64,573	\$ 32,488	\$ 32,085
32	\$ 11,549	\$ 11,469	\$ 11,443	\$ 11,431	\$ 11,451	\$ 11,381	\$ 11,496	\$ 11,441	\$ 11,381	\$ 11,268	\$ 11,381	\$ 11,500	\$ 137,189	\$ 68,723	\$ 68,466
33	\$ 7,269	\$ 7,219	\$ 7,202	\$ 7,194	\$ 7,207	\$ 7,163	\$ 7,236	\$ 7,201	\$ 7,164	\$ 6,730	\$ 7,163	\$ 7,238	\$ 85,985	\$ 43,254	\$ 42,731
34	\$ 4,820	\$ 4,787	\$ 4,776	\$ 4,771	\$ 4,779	\$ 4,750	\$ 4,895	\$ 4,379	\$ 4,750	\$ 4,974	\$ 4,750	\$ 4,800	\$ 56,232	\$ 28,684	\$ 27,548
35	\$ 1,079	\$ 1,071	\$ 1,069	\$ 1,068	\$ 1,070	\$ 1,063	\$ 1,074	\$ 1,069	\$ 1,063	\$ 910	\$ 1,063	\$ 1,074	\$ 12,671	\$ 6,419	\$ 6,252
36	\$ 548	\$ 544	\$ 543	\$ 543	\$ 544	\$ 540	\$ 546	\$ 543	\$ 540	\$ 556	\$ 540	\$ 546	\$ 6,533	\$ 3,262	\$ 3,271
37	\$ 719	\$ 714	\$ 712	\$ 712	\$ 713	\$ 708	\$ 716	\$ 712	\$ 709	\$ 721	\$ 708	\$ 716	\$ 8,560	\$ 4,278	\$ 4,282
38	\$ 3,593	\$ 4,008	\$ 4,691	\$ 4,686	\$ 4,694	\$ 4,665	\$ 4,712	\$ 4,690	\$ 4,665	\$ 4,921	\$ 4,665	\$ 4,714	\$ 54,704	\$ 26,336	\$ 26,368
39	\$ 3,700	\$ 3,675	\$ 3,666	\$ 3,663	\$ 3,669	\$ 3,646	\$ 3,684	\$ 3,666	\$ 3,647	\$ 3,748	\$ 3,646	\$ 3,685	\$ 44,095	\$ 22,020	\$ 22,076
40	\$ 805	\$ 974	\$ 972	\$ 971	\$ 972	\$ 966	\$ 976	\$ 972	\$ 959	\$ 1,022	\$ 966	\$ 977	\$ 11,532	\$ 5,660	\$ 5,872
41	\$ 1,733	\$ 1,722	\$ 1,723	\$ 1,723	\$ 1,723	\$ 1,708	\$ 1,726	\$ 1,717	\$ 1,708	\$ 1,599	\$ 1,708	\$ 1,726	\$ 19,072	\$ 8,888	\$ 10,185
42	\$ 18,769	\$ 18,640	\$ 18,596	\$ 18,577	\$ 18,510	\$ 18,496	\$ 18,693	\$ 18,593	\$ 18,497	\$ 19,019	\$ 18,496	\$ 18,690	\$ 223,666	\$ 111,988	\$ 111,978
43	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 89,022	\$ 1,068,260	\$ 534,130	\$ 534,130
44	TOTAL														
45	\$ 20,667	\$ 20,524	\$ 20,477	\$ 20,455	\$ 20,491	\$ 20,366	\$ 20,572	\$ 20,473	\$ 20,367	\$ 20,021	\$ 20,366	\$ 20,579	\$ 245,358	\$ 122,980	\$ 122,378
46	\$ 24,680	\$ 24,509	\$ 24,452	\$ 24,427	\$ 24,470	\$ 24,320	\$ 23,663	\$ 23,979	\$ 24,322	\$ 24,730	\$ 24,320	\$ 23,640	\$ 291,511	\$ 148,858	\$ 144,853
47	\$ 13,680	\$ 13,712	\$ 13,680	\$ 13,666	\$ 13,690	\$ 13,606	\$ 13,744	\$ 13,678	\$ 13,607	\$ 12,685	\$ 13,606	\$ 13,640	\$ 163,228	\$ 82,160	\$ 81,068
48	\$ 23,715	\$ 24,166	\$ 24,802	\$ 24,776	\$ 24,820	\$ 24,657	\$ 24,918	\$ 24,797	\$ 24,652	\$ 25,517	\$ 24,657	\$ 24,926	\$ 296,434	\$ 146,946	\$ 149,488
49	\$ 6,153	\$ 6,110	\$ 6,111	\$ 6,111	\$ 6,111	\$ 6,063	\$ 6,125	\$ 6,095	\$ 6,054	\$ 6,068	\$ 6,053	\$ 6,127	\$ 71,727	\$ 35,185	\$ 36,542
50															
51															

Northern Utilities NEW HAMPSHIRE DIVISION Simplified Market Based Allocator (SMBA) Calculations Cost Summary

Summary of Gas Costs

Line	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1	REMAINING CAPACITY														
2	Res Heat	\$ 391,376	\$ 750,985	\$ 1,366,775	\$ 829,745	\$ 599,812	\$ 287,319	\$ 141,728	\$ 33,569	\$ 6,818	\$ 10	\$ 53,107	\$ 210,929	\$ 4,672,153	\$ 4,225,992
3	Res General	\$ 3,138	\$ 6,022	\$ 10,960	\$ 6,654	\$ 4,810	\$ 2,304	\$ 1,137	\$ 269	\$ 55	\$ 0	\$ 426	\$ 1,691	\$ 37,466	\$ 33,888
5	G50 Low Annual-High Winter	\$ 12,578	\$ 24,480	\$ 44,439	\$ 27,048	\$ 19,553	\$ 9,366	\$ 4,620	\$ 1,094	\$ 222	\$ 0	\$ 1,731	\$ 6,876	\$ 152,302	\$ 137,758
6	G40 Low Annual-High Winter	\$ 234,231	\$ 449,439	\$ 817,990	\$ 496,587	\$ 358,976	\$ 171,955	\$ 84,821	\$ 20,090	\$ 4,081	\$ 6	\$ 31,784	\$ 126,237	\$ 2,796,197	\$ 2,529,178
7	G51 Med Annual-High Winter	\$ 37,178	\$ 71,337	\$ 129,836	\$ 78,821	\$ 56,979	\$ 27,264	\$ 13,463	\$ 3,189	\$ 648	\$ 1	\$ 5,045	\$ 20,037	\$ 443,827	\$ 401,444
8	G41 Med Annual-High Winter	\$ 206,728	\$ 366,666	\$ 721,943	\$ 438,279	\$ 316,826	\$ 151,764	\$ 74,862	\$ 17,731	\$ 3,602	\$ 5	\$ 28,052	\$ 111,414	\$ 2,467,872	\$ 2,232,206
9	G52 High Annual-High Winter	\$ 4,624	\$ 8,873	\$ 16,148	\$ 9,803	\$ 7,087	\$ 3,395	\$ 1,675	\$ 397	\$ 81	\$ 0	\$ 627	\$ 2,492	\$ 55,201	\$ 49,930
10	G42 High Annual-High Winter	\$ 35,470	\$ 68,059	\$ 123,869	\$ 75,199	\$ 54,360	\$ 26,039	\$ 12,845	\$ 3,042	\$ 618	\$ 1	\$ 4,813	\$ 19,116	\$ 423,431	\$ 382,996
11	Non-Grandfathered T50 Low Annual-High Winter	\$ 7,707	\$ 14,788	\$ 26,914	\$ 16,339	\$ 11,811	\$ 5,568	\$ 2,791	\$ 661	\$ 134	\$ 0	\$ 1,046	\$ 4,154	\$ 92,002	\$ 83,216
12	Non-Grandfathered T40 Low Annual-High Winter	\$ 10,270	\$ 19,705	\$ 35,864	\$ 21,772	\$ 15,739	\$ 7,539	\$ 3,719	\$ 881	\$ 179	\$ 0	\$ 1,394	\$ 5,535	\$ 122,596	\$ 110,888
13	Non-Grandfathered T51 Med Annual-High Winter	\$ 2,971	\$ 5,701	\$ 10,376	\$ 6,299	\$ 4,554	\$ 2,181	\$ 1,076	\$ 255	\$ 52	\$ 1	\$ 7,076	\$ 28,104	\$ 622,510	\$ 563,065
14	Non-Grandfathered T41 Med Annual-High Winter	\$ 52,146	\$ 100,057	\$ 182,107	\$ 110,554	\$ 79,918	\$ 38,262	\$ 18,864	\$ 4,473	\$ 908	\$ 1	\$ 403	\$ 1,601	\$ 35,471	\$ 32,083
15	Non-Grandfathered T52 High Annual-High Winter	\$ 836	\$ 1,603	\$ 2,918	\$ 1,772	\$ 1,281	\$ 613	\$ 303	\$ 72	\$ 15	\$ 0	\$ 113	\$ 450	\$ 9,976	\$ 9,023
16	Non-Grandfathered T42 High Annual-High Winter	\$ 19,109	\$ 36,666	\$ 66,734	\$ 40,513	\$ 29,286	\$ 14,029	\$ 6,920	\$ 1,639	\$ 333	\$ 0	\$ 2,593	\$ 10,299	\$ 228,121	\$ 206,337
17	Non-Grandfathered Special Contracts	\$ 9,118	\$ 17,496	\$ 31,843	\$ 19,331	\$ 13,974	\$ 6,694	\$ 3,302	\$ 782	\$ 159	\$ 0	\$ 1,237	\$ 4,914	\$ 108,851	\$ 98,456
18	TOTAL	\$ 1,027,661	\$ 1,971,857	\$ 3,588,831	\$ 2,178,716	\$ 1,574,965	\$ 754,432	\$ 372,144	\$ 88,144	\$ 17,904	\$ 26	\$ 139,447	\$ 553,850	\$ 12,267,975	\$ 11,096,462
19															
20	Residential	\$ 394,514	\$ 756,987	\$ 1,377,735	\$ 836,399	\$ 604,622	\$ 289,623	\$ 142,864	\$ 33,838	\$ 6,873	\$ 10	\$ 53,533	\$ 212,620	\$ 4,709,618	\$ 4,259,880
21	SALES HLF CLASSES	\$ 54,560	\$ 104,690	\$ 190,538	\$ 115,672	\$ 83,618	\$ 40,054	\$ 19,758	\$ 951	\$ 1	\$ 1	\$ 7,404	\$ 29,405	\$ 651,330	\$ 589,132
22	SALES LLF CLASSES	\$ 476,429	\$ 914,164	\$ 1,663,802	\$ 1,010,065	\$ 730,162	\$ 349,759	\$ 172,528	\$ 40,864	\$ 8,300	\$ 12	\$ 64,648	\$ 256,768	\$ 5,687,500	\$ 5,144,390
23	Non-Grandfathered HLF CLASSES	\$ 20,632	\$ 39,588	\$ 72,052	\$ 43,741	\$ 31,620	\$ 15,146	\$ 7,471	\$ 359	\$ 1	\$ 1	\$ 2,800	\$ 11,119	\$ 246,299	\$ 222,779
24	Non-Grandfathered LLF CLASSES	\$ 81,525	\$ 156,429	\$ 284,704	\$ 172,839	\$ 124,943	\$ 59,850	\$ 29,522	\$ 6,992	\$ 1,420	\$ 2	\$ 11,052	\$ 43,937	\$ 973,227	\$ 880,290
25															
26	TOTAL CAPACITY														
27	Res Heat	\$ 410,941	\$ 770,395	\$ 1,386,160	\$ 849,110	\$ 619,211	\$ 306,599	\$ 161,203	\$ 52,950	\$ 26,100	\$ 18,910	\$ 72,387	\$ 230,411	\$ 4,904,377	\$ 4,342,415
28	Res General	\$ 4,240	\$ 7,116	\$ 12,052	\$ 7,744	\$ 5,502	\$ 3,390	\$ 2,233	\$ 1,361	\$ 1,141	\$ 1,120	\$ 1,512	\$ 2,789	\$ 50,600	\$ 40,445
30	G50 Low Annual-High Winter	\$ 21,068	\$ 32,733	\$ 52,788	\$ 35,273	\$ 27,792	\$ 17,555	\$ 12,892	\$ 9,253	\$ 8,412	\$ 8,488	\$ 9,920	\$ 14,216	\$ 250,393	\$ 187,210
31	G40 Low Annual-High Winter	\$ 239,691	\$ 454,860	\$ 823,399	\$ 501,991	\$ 364,390	\$ 177,335	\$ 90,256	\$ 25,499	\$ 9,461	\$ 5,051	\$ 37,164	\$ 131,674	\$ 2,860,770	\$ 2,561,666
32	G51 Med Annual-High Winter	\$ 48,727	\$ 82,805	\$ 141,278	\$ 90,252	\$ 68,429	\$ 38,674	\$ 24,959	\$ 14,629	\$ 12,029	\$ 11,269	\$ 16,425	\$ 31,537	\$ 581,016	\$ 470,167
33	G41 Med Annual-High Winter	\$ 213,997	\$ 403,885	\$ 729,145	\$ 445,473	\$ 324,033	\$ 158,927	\$ 82,097	\$ 24,932	\$ 10,765	\$ 6,735	\$ 35,215	\$ 118,653	\$ 2,553,857	\$ 2,275,460
34	G52 High Annual-High Winter	\$ 9,444	\$ 13,660	\$ 20,924	\$ 14,574	\$ 11,866	\$ 8,145	\$ 5,569	\$ 4,776	\$ 4,831	\$ 4,974	\$ 5,377	\$ 7,292	\$ 111,433	\$ 78,613
35	G42 High Annual-High Winter	\$ 36,549	\$ 69,130	\$ 124,938	\$ 76,266	\$ 55,430	\$ 27,102	\$ 13,918	\$ 4,111	\$ 1,691	\$ 911	\$ 5,876	\$ 20,190	\$ 436,102	\$ 389,415
36	Non-Grandfathered T50 Low Annual-High Winter	\$ 8,255	\$ 15,332	\$ 27,457	\$ 16,882	\$ 12,355	\$ 6,198	\$ 3,337	\$ 1,204	\$ 675	\$ 556	\$ 1,586	\$ 4,699	\$ 98,535	\$ 86,479
37	Non-Grandfathered T40 Low Annual-High Winter	\$ 10,988	\$ 20,419	\$ 36,576	\$ 22,484	\$ 16,452	\$ 8,248	\$ 4,435	\$ 1,593	\$ 887	\$ 721	\$ 2,102	\$ 6,251	\$ 131,155	\$ 115,166
38	Non-Grandfathered T51 Med Annual-High Winter	\$ 6,565	\$ 9,709	\$ 15,067	\$ 10,985	\$ 9,248	\$ 6,846	\$ 5,788	\$ 4,945	\$ 4,717	\$ 4,921	\$ 5,068	\$ 6,315	\$ 90,174	\$ 58,419
39	Non-Grandfathered T41 Med Annual-High Winter	\$ 55,847	\$ 103,732	\$ 185,773	\$ 114,217	\$ 83,587	\$ 41,928	\$ 22,567	\$ 8,138	\$ 4,555	\$ 3,750	\$ 10,722	\$ 31,789	\$ 666,606	\$ 585,084
40	Non-Grandfathered T52 High Annual-High Winter	\$ 1,641	\$ 2,577	\$ 3,890	\$ 2,742	\$ 2,253	\$ 1,590	\$ 1,279	\$ 1,043	\$ 974	\$ 1,022	\$ 1,427	\$ 2,150	\$ 21,508	\$ 14,684
41	Non-Grandfathered T42 High Annual-High Winter	\$ 20,843	\$ 38,388	\$ 67,965	\$ 41,836	\$ 30,455	\$ 15,737	\$ 8,646	\$ 3,356	\$ 2,041	\$ 1,600	\$ 4,301	\$ 12,025	\$ 247,193	\$ 215,224
42	Non-Grandfathered Special Contracts	\$ 27,887	\$ 36,136	\$ 50,439	\$ 37,908	\$ 32,584	\$ 25,189	\$ 12,985	\$ 19,375	\$ 18,656	\$ 19,019	\$ 19,733	\$ 23,604	\$ 332,516	\$ 210,144
43	TOTAL	\$ 1,116,683	\$ 2,060,878	\$ 3,677,853	\$ 2,267,738	\$ 1,663,987	\$ 843,453	\$ 461,165	\$ 177,165	\$ 106,925	\$ 89,047	\$ 228,469	\$ 642,871	\$ 13,336,235	\$ 11,630,591
44															
45	Residential	\$ 415,181	\$ 777,511	\$ 1,398,212	\$ 856,854	\$ 625,113	\$ 309,998	\$ 163,437	\$ 54,311	\$ 27,240	\$ 20,031	\$ 73,899	\$ 233,200	\$ 4,954,977	\$ 4,382,860
46	SALES HLF CLASSES	\$ 79,240	\$ 129,199	\$ 214,999	\$ 140,099	\$ 108,088	\$ 64,374	\$ 43,421	\$ 28,658	\$ 25,272	\$ 24,731	\$ 31,723	\$ 53,045	\$ 942,842	\$ 735,990
47	SALES LLF CLASSES	\$ 490,236	\$ 927,875	\$ 1,677,482	\$ 1,023,730	\$ 743,852	\$ 363,364	\$ 186,272	\$ 54,541	\$ 21,907	\$ 12,697	\$ 78,254	\$ 270,516	\$ 5,850,729	\$ 5,226,541
48	Non-Grandfathered HLF CLASSES	\$ 44,347	\$ 63,754	\$ 96,853	\$ 68,517	\$ 56,440	\$ 39,814	\$ 32,399	\$ 26,567	\$ 25,021	\$ 25,518	\$ 27,467	\$ 36,046	\$ 642,734	\$ 369,725
49	Non-Grandfathered LLF CLASSES	\$ 87,678	\$ 162,539	\$ 290,315	\$ 178,536	\$ 130,494	\$ 65,913	\$ 35,647	\$ 13,088	\$ 7,484	\$ 6,070	\$ 17,126	\$ 50,064	\$ 1,044,954	\$ 915,475
50															
51	TOTAL	\$ 1,223,777	\$ 2,233,777	\$ 3,877,777	\$ 2,477,777	\$ 1,877,777	\$ 977,777	\$ 577,777	\$ 277,777	\$ 177,777	\$ 127,777	\$ 227,777	\$ 677,777	\$ 14,336,235	\$ 12,630,591

Northern Utilities NEW HAMPSHIRE DIVISION Simplified Market Based Allocator (SMBA) Calculations Cost Summary

Summary of Gas Costs

Line	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 TOTAL COMMODITY AND CAPACITY															
2 Res Heat	\$ 1,084,694	\$ 1,688,346	\$ 2,363,757	\$ 1,665,020	\$ 1,434,778	\$ 1,599,381	\$ 996,904	\$ 552,801	\$ 425,595	\$ 365,304	\$ 674,171	\$ 1,319,542	\$ 14,151,293	\$ 9,815,975	\$ 4,335,317
3 Res General	\$ 27,660	\$ 33,218	\$ 39,107	\$ 32,096	\$ 31,333	\$ 28,991	\$ 25,913	\$ 22,866	\$ 22,457	\$ 21,520	\$ 24,105	\$ 26,488	\$ 335,755	\$ 192,405	\$ 143,351
4 G40 Low Annual-Low Winter	\$ 189,421	\$ 215,620	\$ 240,837	\$ 206,586	\$ 207,892	\$ 183,658	\$ 177,894	\$ 157,947	\$ 168,329	\$ 162,961	\$ 173,579	\$ 157,673	\$ 2,242,434	\$ 1,244,050	\$ 998,383
5 G40 Low Annual-High Winter	\$ 524,269	\$ 867,361	\$ 1,281,256	\$ 872,615	\$ 727,824	\$ 853,058	\$ 481,151	\$ 214,381	\$ 125,799	\$ 98,552	\$ 284,972	\$ 670,950	\$ 7,002,188	\$ 5,126,382	\$ 1,875,806
6 G51 Med Annual-Low Winter	\$ 296,081	\$ 361,050	\$ 430,670	\$ 349,592	\$ 338,521	\$ 310,942	\$ 269,723	\$ 229,288	\$ 245,480	\$ 218,001	\$ 243,739	\$ 304,762	\$ 3,597,848	\$ 2,086,856	\$ 1,510,993
7 G41 Med Annual-High Winter	\$ 511,020	\$ 816,652	\$ 1,183,102	\$ 818,493	\$ 693,246	\$ 790,357	\$ 465,051	\$ 227,951	\$ 165,399	\$ 131,405	\$ 291,225	\$ 634,142	\$ 6,728,053	\$ 4,812,880	\$ 1,915,172
8 G52 High Annual-Low Winter	\$ 105,052	\$ 114,023	\$ 125,875	\$ 110,963	\$ 113,486	\$ 91,458	\$ 78,642	\$ 84,588	\$ 96,511	\$ 95,334	\$ 98,266	\$ 103,708	\$ 1,217,907	\$ 660,859	\$ 557,048
9 G42 High Annual-High Winter	\$ 84,452	\$ 136,646	\$ 199,407	\$ 137,147	\$ 115,510	\$ 133,509	\$ 77,634	\$ 30,404	\$ 26,517	\$ 18,074	\$ 48,128	\$ 105,483	\$ 1,113,912	\$ 806,672	\$ 307,240
10 Non-Grandfathered T50 Low Annual-Low Winter	\$ 20,822	\$ 29,850	\$ 42,671	\$ 30,348	\$ 26,294	\$ 21,910	\$ 16,588	\$ 12,102	\$ 11,312	\$ 10,683	\$ 13,558	\$ 19,890	\$ 256,028	\$ 171,896	\$ 84,133
11 Non-Grandfathered T40 Low Annual-High Winter	\$ 34,978	\$ 52,131	\$ 71,031	\$ 51,332	\$ 45,340	\$ 53,235	\$ 33,811	\$ 19,497	\$ 15,002	\$ 13,887	\$ 23,504	\$ 44,303	\$ 458,050	\$ 308,047	\$ 150,003
12 Non-Grandfathered T51 Med Annual-Low Winter	\$ 76,203	\$ 93,518	\$ 208,153	\$ 174,327	\$ 110,257	\$ 97,812	\$ 97,948	\$ 94,506	\$ 93,991	\$ 94,209	\$ 97,400	\$ 104,060	\$ 1,342,384	\$ 760,271	\$ 582,113
13 Non-Grandfathered T41 Med Annual-High Winter	\$ 178,793	\$ 285,799	\$ 272,834	\$ 194,253	\$ 231,382	\$ 272,165	\$ 173,953	\$ 102,008	\$ 76,428	\$ 72,062	\$ 122,287	\$ 227,108	\$ 2,189,073	\$ 1,415,227	\$ 773,846
14 Non-Grandfathered T52 High Annual-Low Winter	\$ 17,240	\$ 23,772	\$ 63,756	\$ 52,384	\$ 51,789	\$ 20,892	\$ 20,609	\$ 18,951	\$ 19,446	\$ 19,577	\$ 20,323	\$ 22,030	\$ 350,769	\$ 229,833	\$ 120,936
15 Non-Grandfathered T42 High Annual-High Winter	\$ 72,897	\$ 105,389	\$ 94,350	\$ 67,399	\$ 54,774	\$ 104,984	\$ 68,989	\$ 41,676	\$ 39,043	\$ 31,243	\$ 49,355	\$ 88,900	\$ 818,999	\$ 499,793	\$ 319,206
16 Non-Grandfathered Special Contracts	\$ 395,926	\$ 433,286	\$ 458,652	\$ 410,317	\$ 433,359	\$ 356,867	\$ 438,325	\$ 424,294	\$ 383,047	\$ 365,622	\$ 394,797	\$ 443,272	\$ 4,937,765	\$ 2,488,409	\$ 2,449,356
17 TOTAL	\$ 3,619,510	\$ 5,216,671	\$ 7,075,460	\$ 5,172,873	\$ 4,615,785	\$ 4,919,255	\$ 3,423,135	\$ 2,233,260	\$ 1,914,356	\$ 1,719,434	\$ 2,559,409	\$ 4,273,309	\$ 46,742,457	\$ 30,619,553	\$ 16,122,903
18															
19 Residential	\$ 1,112,354	\$ 1,701,563	\$ 2,402,864	\$ 1,697,116	\$ 1,466,111	\$ 1,628,371	\$ 1,022,818	\$ 575,668	\$ 448,052	\$ 387,824	\$ 698,276	\$ 1,346,030	\$ 14,487,048	\$ 10,008,380	\$ 4,478,668
20 SALES HLF CLASSES	\$ 590,555	\$ 690,693	\$ 797,383	\$ 667,141	\$ 659,899	\$ 586,093	\$ 526,259	\$ 471,823	\$ 510,320	\$ 476,297	\$ 515,584	\$ 566,142	\$ 7,058,189	\$ 3,991,764	\$ 3,066,424
21 SALES LLF CLASSES	\$ 1,119,741	\$ 1,820,669	\$ 2,663,765	\$ 1,828,255	\$ 1,536,580	\$ 1,776,924	\$ 1,023,836	\$ 472,736	\$ 317,715	\$ 248,031	\$ 624,326	\$ 1,411,574	\$ 14,844,152	\$ 10,745,934	\$ 4,098,218
22 Non-Grandfathered HLF CLASSES	\$ 510,192	\$ 580,426	\$ 773,232	\$ 667,377	\$ 621,698	\$ 487,483	\$ 573,470	\$ 549,853	\$ 507,795	\$ 490,091	\$ 526,078	\$ 589,252	\$ 6,886,946	\$ 3,650,408	\$ 3,236,539
23 Non-Grandfathered LLF CLASSES	\$ 286,668	\$ 423,319	\$ 438,215	\$ 312,984	\$ 331,496	\$ 430,384	\$ 276,753	\$ 163,181	\$ 130,473	\$ 117,191	\$ 195,146	\$ 360,311	\$ 3,486,122	\$ 2,223,067	\$ 1,243,055

ALLOCATION EXHIBIT

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
COMMODITY COSTS

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Supply Volumes - Therms															
2 Total Pipeline	411,537	452,630	453,013	408,185	422,013	664,323	507,143	313,875	272,024	244,739	357,375	606,247	5,113,104	2,811,701	2,301,403
3 Total Storage	505,174	686,192	811,844	750,093	609,893	110	0	0	0	0	0	0	3,363,296	3,363,296	0
4 Total Peaking	73,980	155,620	193,612	140,170	154,232	53,501	1,395	1,350	1,395	1,395	1,350	1,395	779,395	771,115	8,280
5 Less Interruptible	5,380	892	0	0	1,308	2,692	4,715	4,765	4,505	4,505	4,505	4,765	38,030	10,270	27,760
6 Subtotal	985,311	1,293,540	1,458,469	1,298,448	1,184,832	715,242	503,823	310,460	268,914	241,629	354,220	602,877	9,217,765	6,935,842	2,281,923
7 Less Company Use	6,470	9,574	11,239	9,591	8,211	5,290	2,900	1,444	1,161	1,176	1,881	4,154	53,091	50,375	12,716
8 Total Firm	978,841	1,283,074	1,447,230	1,288,857	1,175,315	707,260	496,208	304,251	263,248	235,948	347,834	593,958	9,122,024	6,880,577	2,241,447
10 Variable Costs															
11 Total Pipeline	\$ 4,495,507	\$ 5,127,688	\$ 5,242,349	\$ 4,712,968	\$ 4,749,135	\$ 6,370,524	\$ 5,166,375	\$ 3,194,047	\$ 2,790,883	\$ 2,522,392	\$ 3,721,749	\$ 6,435,551	\$ 54,529,168	\$ 30,698,171	\$ 23,830,997
12 Total Storage	\$ 27,909	\$ 37,879	\$ 49,181	\$ 40,792	\$ 33,198	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 188,959	\$ 188,959	\$ -
13 Total Peaking	\$ 449,300	\$ 923,955	\$ 1,236,165	\$ 834,540	\$ 923,955	\$ 328,280	\$ 20,046	\$ 19,404	\$ 20,046	\$ 20,046	\$ 19,404	\$ 19,786	\$ 4,814,925	\$ 4,686,195	\$ 118,730
14 Subtotal	\$ 4,972,716	\$ 6,089,522	\$ 6,527,695	\$ 5,588,300	\$ 5,706,288	\$ 6,698,804	\$ 5,186,421	\$ 3,213,450	\$ 2,810,929	\$ 2,542,438	\$ 3,741,153	\$ 6,455,337	\$ 59,533,052	\$ 35,583,325	\$ 23,949,726
15 Less Interruptible Incl Above	\$ 42,825	\$ 892	\$ -	\$ -	\$ 1,294	\$ 22,972	\$ 40,832	\$ 42,790	\$ 41,446	\$ 42,933	\$ 42,888	\$ 44,934	\$ 323,806	\$ 67,983	\$ 255,823
16 Total (Without Interr)	\$ 4,929,891	\$ 6,088,630	\$ 6,527,695	\$ 5,588,300	\$ 5,704,994	\$ 6,675,832	\$ 5,145,589	\$ 3,170,660	\$ 2,769,483	\$ 2,499,505	\$ 3,698,265	\$ 6,410,403	\$ 59,209,246	\$ 35,515,342	\$ 23,693,903
Commodity Allocation Factors															
Therms															
21 Maine	485,298	623,085	699,346	623,434	571,790	278,565	191,377	109,134	93,415	84,019	130,962	232,924	4,123,949	3,281,518	842,431
22 New Hampshire	500,447	670,452	759,117	675,009	613,036	436,678	311,844	201,325	175,501	157,612	223,257	369,954	5,094,232	3,654,739	1,439,493
23 Total	985,745	1,293,537	1,458,463	1,298,443	1,184,826	715,243	503,821	310,459	268,916	241,631	354,219	602,878	9,218,181	6,936,257	2,281,924
Percentage of Total															
26 Maine	49.23%	48.17%	47.95%	48.01%	48.26%	38.95%	38.10%	35.15%	34.74%	34.77%	36.97%	38.64%	44.74%	47.31%	36.92%
27 New Hampshire	50.77%	51.83%	52.05%	51.99%	51.74%	61.05%	61.90%	64.85%	65.26%	65.23%	63.03%	61.36%	55.26%	52.69%	63.08%
28 Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Commodity Allocation by Jurisdiction															
32 Maine	\$2,427,064	\$2,932,838	\$3,130,088	\$2,683,165	\$2,753,196	\$2,600,030	\$1,960,686	\$1,114,565	\$962,052	\$869,118	\$1,367,324	\$2,476,681	\$25,276,807	\$16,526,380	\$8,750,427
33 New Hampshire	\$2,502,827	\$3,155,792	\$3,397,607	\$2,905,136	\$2,951,798	\$4,075,802	\$3,184,903	\$2,056,095	\$1,807,430	\$1,630,386	\$2,330,941	\$3,933,721	\$33,932,439	\$18,989,962	\$14,943,477
34 Total	\$4,929,891	\$6,088,630	\$6,527,695	\$5,588,300	\$5,704,994	\$6,675,832	\$5,145,589	\$3,170,660	\$2,769,483	\$2,499,505	\$3,698,265	\$6,410,403	\$59,209,246	\$35,515,342	\$23,693,903

MISCELLANEOUS

**SUPPLIER PRICES
INTEREST ON DEFERRED
VARIANCE ANALYSIS
TYPICAL BILLS
HEDGING**

NYMEX
April 08, 2008

Closing-Date	Contract-Month	Contract-Name	Contract-Symbol	High	Low	Open	Close
4/8/2008	2008-05	NGK2008	NG0	9.925	9.65	9.795	9.697
4/8/2008	2008-06	NGM2008	NG1	9.955	9.88	9.88	9.78
4/8/2008	2008-07	NGN2008	NG2	10.04	9.98	9.98	9.884
4/8/2008	2008-08	NGQ2008	NG3	10.025	10.025	10.025	9.944
4/8/2008	2008-09	NGU2008	NG4	10.04	10.04	10.04	9.956
4/8/2008	2008-10	NGV2008	NG5	10.095	10.095	10.095	10.016
4/8/2008	2008-11	NGX2008	NG6	10.276	10.276	10.276	10.276
4/8/2008	2008-12	NGZ2008	NG7	10.621	10.621	10.621	10.621
4/8/2008	2009-01	NGF2009	NG8	10.841	10.841	10.841	10.841
4/8/2008	2009-02	NGG2009	NG9	10.816	10.816	10.816	10.816
4/8/2008	2009-03	NGH2009	NG10	10.586	10.586	10.586	10.586
4/8/2008	2009-04	NGJ2009	NG11	9.129	9.129	9.129	9.011
4/8/2008	2009-05	NGK2009	NG12	8.866	8.866	8.866	8.866
4/8/2008	2009-06	NGM2009	NG13	8.924	8.924	8.924	8.924
4/8/2008	2009-07	NGN2009	NG14	8.999	8.999	8.999	8.999
4/8/2008	2009-08	NGQ2009	NG15	9.054	9.054	9.054	9.054
4/8/2008	2009-09	NGU2009	NG16	9.069	9.069	9.069	9.069
4/8/2008	2009-10	NGV2009	NG17	9.144	9.144	9.144	9.144
4/8/2008	2009-11	NGX2009	NG18	9.384	9.384	9.384	9.384
4/8/2008	2009-12	NGZ2009	NG19	9.739	9.739	9.739	9.739
4/8/2008	2010-01	NGF2010	NG20	10.02	9.95	10.02	9.959
4/8/2008	2010-02	NGG2010	NG21	9.939	9.939	9.939	9.939
4/8/2008	2010-03	NGH2010	NG22	9.689	9.689	9.689	9.689
4/8/2008	2010-04	NGJ2010	NG23	8.514	8.514	8.514	8.514
4/8/2008	2010-05	NGK2010	NG24	8.389	8.389	8.389	8.389
4/8/2008	2010-06	NGM2010	NG25	8.449	8.449	8.449	8.449
4/8/2008	2010-07	NGN2010	NG26	8.524	8.524	8.524	8.524
4/8/2008	2010-08	NGQ2010	NG27	8.584	8.584	8.584	8.584
4/8/2008	2010-09	NGU2010	NG28	8.599	8.599	8.599	8.599
4/8/2008	2010-10	NGV2010	NG29	8.679	8.679	8.679	8.679
4/8/2008	2010-11	NGX2010	NG30	8.954	8.954	8.954	8.954
4/8/2008	2010-12	NGZ2010	NG31	9.319	9.319	9.319	9.319
4/8/2008	2011-01	NGF2011	NG32	9.544	9.544	9.544	9.544
4/8/2008	2011-02	NGG2011	NG33	9.539	9.539	9.539	9.539
4/8/2008	2011-03	NGH2011	NG34	9.304	9.304	9.304	9.304
4/8/2008	2011-04	NGJ2011	NG35	8.339	8.339	8.339	8.339

May 1, 2008 to October 31, 2008

CRC	\$	(28,277)
WC	\$	(74,192)
Refund	\$	22,146
BD	\$	-
Misc OH	\$	52,021
	\$	28,784
	\$	<u>482</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
Variance Analysis of Components of Proposed CGA vs. Actual Costs 2007

May 2008 through October 2008				May 2007 through October 2007				Difference	
Costs	Therm Sales	Rate Effect on CGA		Costs	Therm Sales	Rate Effect on CGA		Rate	
DEMAND				DEMAND					
Product Demand	\$ 115,086		\$ 0.0081	Product Demand	\$ 52,365		\$ 0.0068	\$ 0.0013	
Pipeline - Reservation	\$ 889,581		\$ 0.0627	Pipeline - Reservation	\$ 532,099		\$ 0.0686	\$ (0.0059)	
Storage Demand	\$ 700,976		\$ 0.0494	Storage Demand	\$ 505,754		\$ 0.0652	\$ (0.0158)	
Capacity Release	\$ -		\$ -	Capacity Release	\$ -		\$ -	\$ -	
Total Demand Effect				Total Demand Effect					
	\$ 1,705,643	14,184,780	\$ 0.1202		\$ 1,090,218	7,751,539	\$ 0.1406	\$ (0.0204)	
COMMODITY				COMMODITY					
Granite State	\$ 6,855,394		\$ 0.4833	Granite State	\$ -		\$ -	\$ 0.4833	
Canadian	\$ -		\$ -	Canadian	\$ -		\$ -	\$ -	
Domestic	\$ 8,012,564		\$ 0.5649	Domestic	\$ -		\$ -	\$ 0.5649	
Hedging Gain/Loss	\$ (526,217)		\$ (0.0371)	Hedging Gain/Loss	\$ 346,796		\$ 0.0447	\$ (0.0818)	
LPG/LNG/Peaking/Other	\$ 75,519		\$ 0.0053	LPG/LNG/Peaking/Other	\$ (27,664)		\$ (0.0036)	\$ 0.0089	
Distrigas Vapor/Spot	\$ -		\$ -	Distrigas Vapor/Spot	\$ -		\$ -	\$ -	
Storage Supplies	\$ -		\$ -	Storage Supplies	\$ -		\$ -	\$ -	
Peaking Supplies	\$ -		\$ -	Peaking Supplies	\$ -		\$ -	\$ -	
Miscellaneous				Miscellaneous	\$ 5,495,353		\$ 0.7089	\$ (0.7089)	
Total Commodity Effect				Total Pipeline Commodity Effect					
	\$14,417,260	14,184,780	\$ 1.0164		\$ 5,814,485	7,751,539	\$ 0.7501	\$ 0.2663	
TOTAL SUMMER GAS COSTS				TOTAL SUMMER GAS COSTS					
Under/Over Collection	(\$95,342)		\$ (0.0067)	Under/Over Collection	\$ (594,995)		\$ (0.0768)	\$ 0.0701	
Refunds	\$0		\$ -	Refunds	\$ -		\$ -	\$ -	
Interest	(\$5,138)		\$ (0.0004)	Interest	\$ (22,425)		\$ (0.0029)	\$ 0.0025	
Miscellaneous Overhead-Allocated to Winter	\$28,784		\$ 0.0020	Miscellaneous Overhead-Allocated to Winter	\$ 28,837		\$ 0.0037	\$ (0.0017)	
Working Capital Allowance	\$22,146		\$ 0.0016	Working Capital Allowance	\$ 13,174		\$ 0.0017	\$ (0.0001)	
Bad Debt Allowance	\$52,021		\$ 0.0037	Bad Debt Allowance	\$ 31,259		\$ 0.0040	\$ (0.0003)	
Production and Storage Capacity	\$0		\$ -	Production and Storage Capacity	\$ -		\$ -	\$ -	
Capacity Reserve Charge Forecast	(\$74,192)		\$ (0.0052)	Summer Costs Deferred to Winter	\$ -		\$ -	\$ (0.0052)	
	(\$71,721)	14,184,780	\$ (0.0051)	Adjusted Bill Adjustment	\$ (26,201)		\$ (0.0034)	\$ (0.0034)	
TOTAL				TOTAL					
	\$ 16,051,182	14,184,780	\$ 1.1315		\$ 6,334,352	7,751,539	\$ 0.8172	\$ 0.3143	

**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
FORECASTED MAY 2008 vs. 2007 SUMMER PERIOD**

Shows the effect of the Unit Cost of Gas & LDAC Rate Change
New Hampshire Division - Typical Residential Heating Bill

12 MOS ENDED 10/2007											
	November	December	January	February	March	April	May-Apr	Winter			
								Nov	Dec	Jan	Feb
Typical Usage:	109	150	187	188	166	132	932				
<u>Residential Heating</u>											
Winter:											
Cust. Chg	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 57.00				
First 50 therms @ \$ 0.4102	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 123.06				
Excess 50 therms @ \$ 0.2990	\$ 17.64	\$ 29.90	\$ 40.96	\$ 41.26	\$ 34.68	\$ 24.52	\$ 188.96				
Summer:											
Cust. Chg	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 57.00				
First 50 therms @ \$ 0.4102	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 123.06				
Excess 50 therms @ \$ 0.2990	\$ 17.64	\$ 29.90	\$ 40.96	\$ 41.26	\$ 34.68	\$ 24.52	\$ 188.96				
Total Base Rate Amount	\$47.65	\$59.91	\$70.97	\$71.27	\$64.69	\$54.53	\$369.02				
CGA Rates - (Seasonal)	\$1,298.4	\$1,325.9	\$1,162.9	\$1,285.9	\$1,558.1	\$1,558.1	\$1,356.2				
LDAC	\$0.0261	\$0.0261	\$0.0261	\$0.0261	\$0.0261	\$0.0261	\$0.0261				
Total CGA and LDAC Amount	\$144.37	\$202.80	\$222.34	\$246.66	\$262.98	\$209.11	\$1,288.26				
Total Bill	\$192.02	\$262.71	\$293.31	\$317.93	\$327.67	\$263.64	\$1,657.28				
12 MOS ENDED 10/2008											
	November	December	January	February	March	April	May-Apr	Winter			
								Nov	Dec	Jan	Feb
Typical Usage:	109	150	187	188	166	132	932				
<u>Residential Heating</u>											
Winter:											
Cust. Chg	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 57.00				
First 50 therms @ \$ 0.4102	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 123.06				
Excess 50 therms @ \$ 0.2990	\$ 17.64	\$ 29.90	\$ 40.96	\$ 41.26	\$ 34.68	\$ 24.52	\$ 188.96				
Summer:											
Cust. Chg	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50	\$ 57.00				
First 50 therms @ \$ 0.4102	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 20.51	\$ 123.06				
Excess 50 therms @ \$ 0.2990	\$ 17.64	\$ 29.90	\$ 40.96	\$ 41.26	\$ 34.68	\$ 24.52	\$ 188.96				
Total Base Rate Amount	\$47.65	\$59.91	\$70.97	\$71.27	\$64.69	\$54.53	\$369.02				
CGA Rates - (Seasonal)	\$1,061.0	\$1,061.0	\$1,061.0	\$1,061.0	\$1,061.0	\$1,061.0	\$1,061.0				
LDAC	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194				
Total CGA and LDAC Amount	\$117.76	\$162.06	\$202.03	\$203.12	\$179.35	\$142.61	\$1,006.93				
Total Bill	\$165.41	\$221.97	\$273.00	\$274.39	\$244.04	\$197.14	\$1,375.95				
DIFFERENCE											
Total Bill	(\$26.61)	(\$40.74)	(\$20.31)	(\$43.54)	(\$83.63)	(\$66.50)	(\$281.33)				
% Change											

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
Forecasted May 2008 vs. 2007 Summer Period

Residential Heating

Weighted Average	
	Summer 2007
Customer Charge	\$9.50
First 50 Therms	\$0.4102
Excess 50 Therms	\$0.2990
LDAC	\$0.0194
CGA	\$1.1315
Total Adjustment	\$1.1509

	Summer 2007 CGA @ \$0.8433	Summer 2008 CGA @ \$1.1509
5	\$15.77	\$17.31
10	\$22.04	\$25.12
20	\$34.57	\$40.72
30	\$47.11	\$56.33
45	\$65.91	\$79.75
50	\$72.18	\$87.56
75	\$100.73	\$123.80
125	\$157.85	\$196.30
150	\$186.41	\$232.55
200	\$243.52	\$305.04

	Total		Base Rate		CGA		LDAC	
	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
	\$0.31	37%						
	\$1.54	10%	\$0.00	0%	\$1.57	10%	(\$0.03)	0%
	\$3.08	14%	\$0.00	0%	\$3.14	14%	(\$0.07)	0%
	\$6.15	18%	(\$0.00)	0%	\$6.29	18%	(\$0.13)	0%
	\$9.22	20%	(\$0.01)	0%	\$9.43	20%	(\$0.20)	0%
	\$13.84	21%	(\$0.00)	0%	\$14.14	22%	(\$0.30)	0%
	\$15.38	21%	\$0.00	0%	\$15.72	22%	(\$0.34)	0%
	\$23.07	23%	\$0.00	0%	\$23.57	24%	(\$0.50)	-1%
	\$38.45	24%	\$0.00	0%	\$39.29	25%	(\$0.84)	-1%
	\$46.14	25%	\$0.00	0%	\$47.15	26%	(\$1.01)	-1%
	\$61.52	25%	\$0.00	0%	\$62.86	26%	(\$1.34)	-1%

Northern Utilities Inc.
Price Risk Management
Profit and Loss Statement
Feb-08

Account #966 - 44168

ACB	(\$1,040,579.94)
TE	\$1,202,010.06
LV	\$1,202,010.06

		Current							
Date	Prv Trans	Hedge No.	Trade Ticket	Contracts	Entry Price	Exit Price			
ACTIVITY-Reach profit and loss total for all trades closed with this month's activity							ME	NH	
							Profit and Loss	Profit and Loss	Profit and Loss
02/26/08	a			-16	\$9,280	\$8,930	\$56,000.00	\$28,000.00	\$28,000.00
02/27/08				2	\$9,250	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				2	\$9,515	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				1	\$9,800	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				2	\$10,135	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				2	\$10,345	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				1	\$10,325	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				1	\$10,080	\$0.00	\$0.00	\$0.00	\$0.00
02/27/08				2	\$8,730	\$0.00	\$0.00	\$0.00	\$0.00
09/27/06	b			1	\$8,705	\$8,930	\$2,250.00	\$1,125.00	\$1,125.00
10/27/06	c			1	\$8,975	\$8,930	(\$450.00)	(\$225.00)	(\$225.00)
11/28/06	d			1	\$9,327	\$8,930	(\$3,970.00)	(\$1,985.00)	(\$1,985.00)
12/27/06	e			1	\$8,430	\$8,930	\$5,000.00	\$2,500.00	\$2,500.00
12/27/06	f			3	\$8,440	\$8,930	\$14,700.00	\$7,350.00	\$7,350.00
01/29/07	g			1	\$8,900	\$8,930	\$300.00	\$150.00	\$150.00
02/26/07	h			1	\$9,403	\$8,930	(\$4,730.00)	(\$2,365.00)	(\$2,365.00)
03/28/07	i			1	\$9,605	\$8,930	(\$6,750.00)	(\$3,375.00)	(\$3,375.00)
04/26/07	j			1	\$9,610	\$8,930	(\$6,800.00)	(\$3,400.00)	(\$3,400.00)
05/29/07	k			2	\$9,630	\$8,930	(\$14,000.00)	(\$7,000.00)	(\$7,000.00)
06/27/07	l			1	\$8,800	\$8,930	\$1,300.00	\$650.00	\$650.00
07/27/07	m			1	\$8,640	\$8,930	\$2,900.00	\$1,450.00	\$1,450.00
08/29/07	n			1	\$7,840	\$8,930	\$10,900.00	\$5,450.00	\$5,450.00
02/26/08	o			64	\$9,270	\$8,930	(\$54,400.00)		
02/28/08				-64	\$8,930	\$8,930	\$0.00		
Net P&L							\$2,250.00	\$28,325.00	\$28,325.00

TRANSACTION COSTS-New activity							ME	NH	
							Profit and Loss	Profit and Loss	Profit and Loss
Transaction Cost-Futures			13	\$6.21		(\$80.73)		(\$40.37)	(\$40.37)
Transaction Cost-Futures Globex			0	\$3.97		\$0.00		\$0.00	\$0.00
Transaction Cost - Futures EFS			16	\$8.71		(\$139.36)		(\$69.68)	(\$69.68)
Transaction Cost-Enter Options			0	\$9.72		\$0.00		\$0.00	\$0.00
Transaction Cost-Exit Options			0	\$3.37		\$0.00		\$0.00	\$0.00
Transaction Cost-Assnd/Exer			0	\$11.37		\$0.00		\$0.00	\$0.00
Transaction Cost - NYM HenryHSwap			128	\$0.00		(\$236.80)		(\$118.40)	(\$118.40)
Adj. EFS Fees			0	\$0.00		\$0.00		\$0.00	\$0.00
Total New Transaction Costs							(\$456.89)	(\$110.05)	(\$110.05)

MARGIN CASH BALANCE		Subtotal		Total					
02/01/08	Beginning Balance-carried forward from last month					\$656,763.45	\$328,381.73	\$328,381.73	
	Interest Credit (for Jan08)					\$1,888.50	\$944.25	\$944.25	
	Deposit to Margin Account	4-Feb	5-Feb	6-Feb	8-Feb	11-Feb	12-Feb	(\$850,512.50)	(\$850,512.50)
		20-Feb	25-Feb	27-Feb	28-Feb	29-Feb			
	Option Premiums of new activity and closed open option positions					\$0.00			
						\$0.00			
	Monthly Option Premium					\$0.00	\$0.00	\$0.00	
02/29/08	Monthly Net P&L					\$2,250.00	\$1,125.00	\$1,125.00	
02/29/08	Monthly Transaction Costs					(\$456.89)	(\$228.43)	(\$228.43)	
02/29/08	Total Monthly Cash Adjustment					(\$1,697,343.39)	(\$848,671.70)	(\$848,671.70)	
02/29/08	Ending Balance					ACB	(\$1,040,579.94)	(\$520,289.97)	(\$520,289.97)

OPEN FUTURES POSITIONS-Total Trade Equity							ME	NH	
							Profit and Loss	Profit and Loss	Profit and Loss
		Hedge No.	Trade Ticket	QTY	Entry Price	2/29/2008 Price			
09/15/06	Bot Apr08 Futures			6	\$7,250	\$9,366	\$126,960.00	\$63,480.00	\$63,480.00
09/27/06	Bot Apr08 Futures			3	\$7,255	\$9,366	\$63,330.00	\$31,665.00	\$31,665.00
10/27/06	Bot Apr08 Futures			3	\$7,815	\$9,366	\$46,530.00	\$23,265.00	\$23,265.00
11/28/06	Bot Apr08 Futures			2	\$8,067	\$9,366	\$25,980.00	\$12,990.00	\$12,990.00
12/27/06	Bot Apr08 Futures			2	\$7,370	\$9,366	\$39,920.00	\$19,960.00	\$19,960.00
01/29/07	Bot Apr08 Futures			3	\$7,610	\$9,366	\$52,680.00	\$26,340.00	\$26,340.00
02/26/07	Bot Apr08 Futures			3	\$7,843	\$9,366	\$45,690.00	\$22,845.00	\$22,845.00
03/28/07	Bot Apr08 Futures			3	\$8,110	\$9,366	\$37,680.00	\$18,840.00	\$18,840.00
04/26/07	Bot Apr08 Futures			2	\$8,270	\$9,366	\$21,920.00	\$10,960.00	\$10,960.00
05/29/07	Bot Apr08 Futures			2	\$8,360	\$9,366	\$20,120.00	\$10,060.00	\$10,060.00
06/27/07	Bot Apr08 Futures			2	\$7,930	\$9,366	\$28,720.00	\$14,360.00	\$14,360.00
07/27/07	Bot Apr08 Futures			2	\$8,000	\$9,366	\$27,320.00	\$13,660.00	\$13,660.00
08/29/07	Bot Apr08 Futures			2	\$7,410	\$9,366	\$39,120.00	\$19,560.00	\$19,560.00
03/12/07	Bot May08 Futures			4	\$7,560	\$9,697	\$85,480.00	\$32,567.88	\$32,567.88
03/28/07	Bot May08 Futures			1	\$7,990	\$9,697	\$17,070.00	\$6,503.67	\$6,503.67
04/26/07	Bot May08 Futures			1	\$8,135	\$9,697	\$15,620.00	\$5,951.22	\$5,951.22
05/29/07	Bot May08 Futures			2	\$8,245	\$9,697	\$29,040.00	\$11,064.24	\$11,064.24
06/27/07	Bot May08 Futures			1	\$7,850	\$9,697	\$18,470.00	\$7,037.07	\$7,037.07
07/27/07	Bot May08 Futures			1	\$7,980	\$9,697	\$17,170.00	\$6,541.77	\$6,541.77
08/29/07	Bot May08 Futures			2	\$7,410	\$9,697	\$45,740.00	\$17,426.94	\$17,426.94
09/26/07	Bot May08 Futures			1	\$7,655	\$9,697	\$20,420.00	\$7,780.02	\$7,780.02
10/29/07	Bot May08 Futures			1	\$7,855	\$9,697	\$18,420.00	\$7,018.02	\$7,018.02
11/28/07	Bot May08 Futures			2	\$7,580	\$9,697	\$42,340.00	\$16,131.54	\$16,131.54
12/27/08	Bot May08 Futures			1	\$7,185	\$9,697	\$25,120.00	\$9,570.72	\$9,570.72
01/29/08	Bot May08 Futures			1	\$8,065	\$9,697	\$16,320.00	\$6,217.92	\$6,217.92
02/27/08	Bot May08 Futures			2	\$9,250	\$9,697	\$8,940.00	\$3,406.14	\$3,406.14

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