

Northern Utilities - NEW HAMPSHIRE DIVISION  
 Calculation of Winter Period Gas Cost Factor  
 Effective November 2008

Line		R-1 & R-2	G-50,51, 52	G-40,41,42	Non-Grandfathered Transp.	Total
<u>No.</u>	<u>Firm Sales Service</u>	Residential	Low Winter Classes	High Winter Classes		
1	Winter Demand Costs -	\$4,737,981	\$767,176	\$6,346,005	\$1,914,140	\$13,765,302
2	Forecasted Sales (MMBtu)	12,997,090	3,366,290	13,525,770	7,871,420	37,760,570
3	Unit Winter Demand Cost (Ln 1 divided by Ln 2) COGw-Demand	\$0.3645	\$0.2279	\$0.4692		\$0.3645
4	Winter Commodity Costs -	\$13,226,921	\$3,362,116	\$13,891,920	\$7,947,344	\$38,428,301
1	<b>Total Commodity</b>	<b>\$13,226,921</b>	<b>\$3,362,116</b>	<b>\$13,891,920</b>	<b>\$7,947,344</b>	<b>\$38,428,301</b>
2	Forecasted Sales (MMBtu) -	12,997,090	3,366,290	13,525,770	7,871,420	37,760,570
3	Unit Summer Commodity Cost (Ln 4 divided by Ln 5) COGw-Commodity	\$1.0177	\$0.9988	\$1.0271		\$1.0177
4	Indirect Gas Costs					\$291,196
5	Forecasted Sales (MMBtu) -	12,997,090	3,366,290	13,525,770	7,871,420	37,760,570
6	Indirect Cost of Gas (Ln 7 divided by Ln 8) COGw-Indirect	\$0.0077	\$0.0077	\$0.0077		\$0.0077
7	<b>Total Cost of Gas (COGw)</b>	<b>\$1.3899</b>	<b>\$1.2344</b>	<b>\$1.5040</b>		<b>\$52,484,799</b>

**Northern Utilities - NEW HAMPSHIRE DIVISION  
Simplified Market Based Allocator (SMBA) Calculations  
Average Cost of Gas Calculation**

	Winter	Summer	Total
Demand	\$ 13,765,302	\$ 1,303,268	\$ 15,068,570
Commodity	\$ 38,428,301	\$ 12,030,723	\$ 50,459,025
Total	\$ 52,193,603	\$ 13,333,991	\$ 65,527,594
Forecasted Therms (including Non-Grandfathered)	37,760,570	12,688,180	50,448,750
<b>Average Residential Rate:</b>	<b>Winter</b>	<b>Summer</b>	<b>Total</b>
Average Demand Rate	\$0.3645	\$0.1027	
Average Commodity Rate	\$1.0177	\$0.9482	
Average Rate	\$1.3822	\$1.0509	
<b><u>Residential Reallocation:</u></b>	<b>Winter</b>	<b>Summer</b>	<b>Total</b>
Demand Costs Allocated To Residential per SMBA	\$ 5,316,682	\$ 429,600	\$ 5,746,283
Demand Costs Allocated To Residential per Avg Res. Rate	\$ 4,737,981	\$ 339,404	\$ 5,077,385
<b>Demand Reallocation:</b>	<b>\$ 578,701</b>	<b>\$ 90,196</b>	<b>\$ 668,898</b>
<b>HLF Allocation</b>	\$62,414	\$25,592	\$88,006
<b>LLF Allocation</b>	\$516,287	\$64,605	\$580,891
Commodity Costs Allocated To Residential per SMBA	\$ 13,275,897	\$ 3,163,592	\$ 16,439,489
Commodity Costs Allocated To Residential per Avg Res. Rate	\$ 13,226,921	\$ 3,133,621	\$ 16,360,542
<b>Commodity Reallocation:</b>	<b>\$ 48,976</b>	<b>\$ 29,971</b>	<b>\$ 78,947</b>
<b>HLF Allocation</b>	\$ 9,543	\$ 14,620	\$ 24,163
<b>LLF Allocation</b>	\$ 39,432	\$ 15,352	\$ 54,784

**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)
	<b>DEMAND:</b>			
1	Pipeline/Product Charges	\$6,304,362	\$836,224	\$7,140,586
2	Capacity Credits	(\$478,482)	\$0	(\$478,482)
3	Interruptible Margins	(\$23,829)	\$0	(\$23,829)
4	<b>Total Pipeline/Product</b>	<b>\$5,802,050</b>	<b>\$836,224</b>	<b>\$6,638,274</b>
5	Base Load Costs	\$495,537	\$495,537	\$991,073
6	Remaining Pipeline	\$5,306,514	\$340,687	\$5,647,201
7	Storage Demand	\$7,963,252	\$467,044	\$8,430,296
8	Peaking Demand	\$0	\$0	\$0
9	Off System Credits	\$0	\$0	\$0
10	<b>Total Demand Costs</b>	<b>\$13,765,302</b>	<b>\$1,303,268</b>	<b>\$15,068,570</b>
	<b>COMMODITY:</b>			
12	Pipeline/Product Commodity Charges	\$17,346,330	\$11,868,565	\$29,214,894
13	Base Load	\$ 9,397,641	\$ 8,954,934	\$18,352,575
14	Remaining Pipeline	\$7,948,689	\$2,913,631	\$10,862,319
15	Storage Commodity	\$17,822,510	\$0	\$17,822,510
16	Peaking Commodity	\$2,623,901	\$131,019	\$2,754,920
17	Interruptible Included Above	\$ (15,503)	\$ (73,855)	\$ (89,358)
18	Hedging (Gain)/Loss	\$651,063	\$104,995	\$756,059
19	<b>Total Commodity (Lines 14 + 18)</b>	<b>\$38,428,301</b>	<b>\$12,030,723</b>	<b>\$50,459,025</b>
20	<b>Total Demand and Commodity</b>	<b>\$52,193,603</b>	<b>\$13,333,991</b>	<b>\$65,527,594</b>

**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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
<b>1 Supply Volumes - therms</b>															
2															
3 Total Pipeline	2,384,286	2,237,356	2,337,288	2,191,680	4,479,247	4,290,142	2,460,803	1,746,404	1,774,548	1,593,820	2,056,579	3,273,084	30,825,236	17,919,998	12,905,238
Total Storage	1,829,104	3,981,986	4,922,584	4,482,287	1,304,316	170	0	0	0	0	0	0	16,520,447	16,520,447	0
4 Total Peaking	<u>642,671</u>	<u>772,458</u>	<u>998,353</u>	<u>711,264</u>	<u>741,763</u>	<u>8,209</u>	<u>8,558</u>	<u>8,990</u>	<u>9,095</u>	<u>9,101</u>	<u>9,420</u>	<u>8,832</u>	<u>3,928,714</u>	<u>3,874,718</u>	<u>53,997</u>
5 Subtotal	4,856,061	6,991,800	8,258,225	7,385,230	6,525,325	4,298,521	2,469,362	1,755,394	1,783,643	1,602,921	2,065,999	3,281,916	51,274,397	38,315,162	12,959,235
6 Less Interruptible	2,750	0	0	0	0	15,445	21,718	23,574	16,559	10,047	5,512	4,052	99,659	18,195	81,463
7 Less Company Use	<u>21,380</u>	<u>29,650</u>	<u>34,050</u>	<u>29,440</u>	<u>26,090</u>	<u>18,220</u>	<u>12,180</u>	<u>8,930</u>	<u>8,460</u>	<u>8,510</u>	<u>9,630</u>	<u>15,060</u>	<u>221,580</u>	<u>158,810</u>	<u>62,770</u>
8 Total Firm	4,831,950	6,962,150	8,224,175	7,355,790	6,499,235	4,264,856	2,435,464	1,722,890	1,758,623	1,584,363	2,050,857	3,262,804	50,953,158	38,138,157	12,815,001
9 Usage (Firm Sales)	<u>4,784,130</u>	<u>6,893,230</u>	<u>8,142,740</u>	<u>7,282,950</u>	<u>6,434,870</u>	<u>4,222,650</u>	<u>2,411,350</u>	<u>1,705,850</u>	<u>1,741,210</u>	<u>1,568,690</u>	<u>2,030,550</u>	<u>3,230,530</u>	<u>50,448,750</u>	<u>37,760,570</u>	<u>12,688,180</u>
10 Difference	47,820	68,920	81,435	72,840	64,365	42,206	24,114	17,040	17,413	15,673	20,307	32,274	504,408	377,587	126,821
11 Percent	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
<b>12 Variable Costs</b>															
13 Total Pipeline	\$ 2,229,726	\$ 2,208,179	\$ 2,367,218	\$ 2,225,833	\$ 4,364,670	\$ 3,950,704	\$ 2,217,748	\$ 1,568,893	\$ 1,614,168	\$ 1,458,103	\$ 1,901,034	\$ 3,108,619	\$ 29,214,894	\$ 17,346,330	\$ 11,868,565
14 Total Storage	\$ 2,028,182	\$ 4,289,086	\$ 5,277,717	\$ 4,822,099	\$ 1,400,261	\$ 5,164	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,822,510	\$ 17,822,510	\$ -
15 Total Peaking	\$ <u>423,048</u>	\$ <u>483,353</u>	\$ <u>790,039</u>	\$ <u>435,045</u>	\$ <u>462,244</u>	\$ <u>30,173</u>	\$ <u>12,733</u>	\$ <u>13,379</u>	\$ <u>13,531</u>	\$ <u>13,541</u>	\$ <u>14,018</u>	\$ <u>63,816</u>	\$ <u>2,754,920</u>	\$ <u>2,623,901</u>	\$ <u>131,019</u>
16 Subtotal	\$ 4,680,955	\$ 6,893,618	\$ 8,434,975	\$ 7,482,977	\$ 6,227,175	\$ 3,986,041	\$ 2,230,481	\$ 1,582,271	\$ 1,627,699	\$ 1,471,644	\$ 1,915,053	\$ 3,172,436	\$ 49,792,324	\$ 37,792,741	\$ 11,999,583
17 Total Interruptible Incl Above	\$ <u>2,189</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>13,314</u>	\$ <u>18,807</u>	\$ <u>21,169</u>	\$ <u>15,235</u>	\$ <u>9,575</u>	\$ <u>5,248</u>	\$ <u>3,821</u>	\$ <u>89,358</u>	\$ <u>15,503</u>	\$ <u>73,855</u>
18 Hedging (Gain)/Loss	\$ <u>86,460</u>	\$ <u>142,683</u>	\$ <u>127,884</u>	\$ <u>127,734</u>	\$ <u>100,116</u>	\$ <u>66,186</u>	\$ <u>547,374</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>57,621</u>	\$ <u>756,059</u>	\$ <u>651,063</u>	\$ <u>104,995</u>
19 Total (Without Interr)	\$ 4,765,226	\$ 7,123,301	\$ 8,562,859	\$ 7,610,711	\$ 6,327,291	\$ 4,038,912	\$ 2,259,048	\$ 1,561,102	\$ 1,612,465	\$ 1,462,069	\$ 1,909,805	\$ 3,226,235	\$ 50,459,025	\$ 38,428,301	\$ 12,030,723
<b>20 Supply Cost/Therm</b>															
	(Includes all variable costs, both supplier and transportation)														
21 Total Pipeline	\$0.935	\$0.987	\$1.013	\$1.016	\$0.974	\$0.921	\$0.901	\$0.898	\$0.910	\$0.915	\$0.924	\$0.950	\$0.948	\$0.968	\$0.920
22 Total Storage	\$1.109	\$1.077	\$1.072	\$1.076	\$1.074	\$30.332	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$1.079	\$1.079	\$-
23 Total Peaking	\$0.658	\$0.626	\$0.791	\$0.612	\$0.623	\$3.676	\$1.488	\$1.488	\$1.488	\$1.488	\$1.488	\$1.488	\$7.225	\$0.701	\$-
24 Subtotal	\$0.964	\$0.998	\$1.021	\$1.013	\$0.954	\$0.927	\$0.903	\$0.901	\$0.913	\$0.918	\$0.927	\$0.967	\$0.971	\$0.971	\$-
25 Interruptible	\$0.796	\$0.000	\$0.000	\$0.000	\$0.000	\$0.862	\$0.866	\$0.898	\$0.920	\$0.953	\$0.952	\$0.943	\$0.897	\$0.897	\$-
26 Total	\$0.986	\$1.023	\$1.041	\$1.035	\$0.974	\$0.947	\$0.928	\$0.906	\$0.917	\$0.923	\$0.931	\$0.989	\$0.990	\$0.990	\$-
<b>27 Commodity Costs</b>															
28 Pipeline Average Cost	\$ 0.935	\$ 0.987	\$ 1.013	\$ 1.016	\$ 0.974	\$ 0.921	\$ 0.901	\$ 0.898	\$ 0.910	\$ 0.915	\$ 0.924	\$ 0.950	\$ 0.948	\$ 0.968	\$ 0.920
29 Base Commodity, therms	1,613,539	1,671,500	1,658,975	1,492,577	1,643,095	1,565,759	1,652,315	1,597,551	1,671,235	1,584,105	1,617,581	1,648,855	19,417,087	9,645,445	9,771,647
30 Base Commodity Cost	\$ 1,508,942	\$ 1,649,702	\$ 1,680,219	\$ 1,515,836	\$ 1,601,065	\$ 1,441,875	\$ 1,489,114	\$ 1,435,170	\$ 1,520,192	\$ 1,449,215	\$ 1,495,238	\$ 1,566,004	\$ 18,352,575	\$ 9,397,641	\$ 8,954,934
31 Remaining Commodity	\$ 3,256,284	\$ 5,473,599	\$ 6,882,640	\$ 6,094,875	\$ 4,726,226	\$ 2,597,037	\$ 769,933	\$ 125,932	\$ 92,272	\$ 12,853	\$ 414,566	\$ 1,660,231	\$ 32,106,450	\$ 29,030,660	\$ 3,075,789
32 Total Commodity	\$ 4,765,226	\$ 7,123,301	\$ 8,562,859	\$ 7,610,711	\$ 6,327,291	\$ 4,038,912	\$ 2,259,048	\$ 1,561,102	\$ 1,612,465	\$ 1,462,069	\$ 1,909,805	\$ 3,226,235	\$ 50,459,025	\$ 38,428,301	\$ 12,030,723

**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	38,848	\$7,140,586	\$ 183.81
6 Less: Base Use	5,392	\$991,073	
7 Remaining Pipeline Use	33,456	\$6,149,512	

11 **BASE DEMAND COSTS ALLOCATED BY MONTH:**

	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
13 BASE DEMAND COSTS	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$991,073	\$495,537	\$495,537

16 **DETAIL OF TOTAL REMAINING DEMAND COSTS:**

17 Pipeline - Base	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$82,589	\$991,073	\$495,537	\$495,537
18 Pipeline - Remaining	\$461,876	\$981,049	\$1,906,737	\$1,249,200	\$845,377	\$364,586	\$84,009	\$10,994	\$7,440	\$21	\$43,043	\$195,181	\$6,149,512	\$5,808,825	\$340,687
19 Storage & Peaking	\$633,180	\$1,344,908	\$2,613,924	\$1,712,514	\$1,158,918	\$499,807	\$115,167	\$15,072	\$10,200	\$28	\$59,006	\$267,571	\$8,430,296	\$7,963,252	\$467,044
21 TOTAL	\$1,177,646	\$2,408,546	\$4,603,251	\$3,044,303	\$2,086,885	\$946,982	\$281,766	\$108,656	\$100,229	\$82,638	\$184,638	\$545,341	\$15,570,881	\$14,267,613	\$1,303,268
23 Less: Capacity Release	\$478,482														
25 Total for Working Capital	\$15,092,399														
27 Demand Cost Deducts															
28 Interruptible Margins	\$23,829														
29 Off System Sales Margins	\$0														
30 Other	\$0														
31 TOTAL DEDUCTS	\$23,829														
33 Grand Total - Capacity	\$15,068,570														

SMBA Seasonal Demand Factors		
	Winter	Summer
Pipeline Base & Remaining	0.8829	0.1171
Storage & Peaking	0.9446	0.0554

Northern Utilities - NEW HAMPSHIRE DIVISION  
 SENDOUT FORECAST: Normal Calendar Month Sendout (MMBtu)  
DESIGN DAY DEMANDS ALL DIVISIONS

1 Sendout for Design Day Calculation

						Excludes Design Day Base	
						Temperature	
	Design Day	% of	Design Day	% of	Sensitive	% of	
	Forecast	Total	Base	Total	Design Day	Total	
4	NH	Total	NH	Total	NH	Total	
5	<u>Customer Class</u>						
6	Res Heat	21,206	37.24%	1,198	21.62%	20,008	38.92%
7	Res General	213	0.37%	67	1.21%	146	0.28%
8	G50 Low Annual-Low Winter	1,066	1.87%	511	9.22%	555	1.08%
9	G40 Low Annual-High Winter	11,896	20.89%	336	6.06%	11,560	22.49%
10	G51 Med Annual-Low Winter	2,223	3.90%	684	12.34%	1,539	2.99%
11	G41 Med Annual-High Winter	9,920	17.42%	448	8.08%	9,472	18.43%
12	G52 High Annual-Low Winter	424	0.74%	295	5.32%	129	0.25%
13	G42 High Annual-High Winter	1,320	2.32%	66	1.19%	1,254	2.44%
14	Non-Grandfathered T50 Low Annual-Low Winter	200	0.35%	34	0.61%	166	0.32%
15	Non-Grandfathered T40 Low Annual-High Winter	739	1.30%	44	0.79%	695	1.35%
16	Non-Grandfathered T51 Med Annual-Low Winter	791	1.39%	287	5.18%	504	0.98%
17	Non-Grandfathered T41 Med Annual-High Winter	3,754	6.59%	227	4.10%	3,527	6.86%
18	Non-Grandfathered T52 High Annual-Low Winter	283	0.50%	115	2.08%	168	0.33%
19	Non-Grandfathered T42 High Annual-High Winter	1,409	2.47%	75	1.35%	1,334	2.60%
20	Non-Grandfathered Special Contracts	1,501	2.64%	1,155	20.84%	346	0.67%
21		56,945		5,542		51,403	
22							
23	Residential	21,419	37.61%	1,265	22.83%	20,154	39.21%
24	SALES HLF CLASSES	3,713	6.52%	1,490	26.89%	2,223	4.32%
25	SALES LLF CLASSES	23,136	40.63%	850	15.34%	22,286	43.36%
26	Non-Grandfathered HLF CLASSES	2,775	4.87%	1,591	28.71%	1,184	2.30%
27	Non-Grandfathered LLF CLASSES	<u>5,902</u>	<u>10.36%</u>	<u>346</u>	<u>6.24%</u>	<u>5,556</u>	<u>10.81%</u>
28	Grand Total	56,945	100.00%	5,542	100.00%	51,403	100.00%

Northern Utilities - NEW HAMPSHIRE DIVISION

Summary of Demand and Supply Forecast

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Total
<b>I. Gas Volumes</b>							
<b>A. Firm Demand Volumes (Therms)</b>							
Firm Gas Sales	3,722,980	5,487,760	6,556,450	5,801,910	5,120,770	3,199,280	29,889,150
Lost Gas (Unaccounted For)	47,820	68,920	81,435	72,840	64,365	42,206	377,587
Company Use	21,360	29,650	34,050	29,440	26,090	18,220	158,810
Interruptible	2,750	0	0	0	0	15,445	18,195
Non-Grandfathered Transportation	1,061,150	1,405,470	1,586,290	1,481,040	1,314,100	1,023,370	7,871,420
Unbilled Therms	0	0	0	0	0	0	0
<b>Total Firm Demand Volumes</b>	<b>4,856,061</b>	<b>6,991,800</b>	<b>8,258,225</b>	<b>7,385,230</b>	<b>6,525,325</b>	<b>4,298,521</b>	<b>38,315,162</b>
<b>B. Supply Volumes (Net Therms)</b>							
<b>Pipeline Gas:</b>							
GSGT PNGTS Deliveries	146,994	156,133	159,591	144,169	160,938	915,855	1,683,680
GSGT TGP Niagra	128,733	254,212	264,485	244,469	82,492	544,529	1,518,920
GSGT TGP Iroquois via Chicago	148,853	258,886	199,986	129,783	324,224	364,740	1,426,472
AGT FT Deliveries via Chicago	168,786	44,635	108,725	147,816	39,872	479,204	989,037
AGT FT Deliveries via Gulf Coast	47,980	5,698	12,119	15,688	5	158,780	240,270
TGP Gulf Coast	1,245,375	1,512,800	1,580,768	1,493,069	1,371,964	1,827,034	9,031,010
GSGT PNGTS via Chicago	497,565	4,993	11,614	16,885	2,499,752	0	3,030,608
Hubline	0	0	0	0	0	0	0
<b>Subtotal Pipeline Volumes</b>	<b>2,384,286</b>	<b>2,237,356</b>	<b>2,337,288</b>	<b>2,191,680</b>	<b>4,479,247</b>	<b>4,290,142</b>	<b>17,919,998</b>
<b>Storage:</b>							
TGP FS Stg	60,163	185,525	505,697	252,895	191,235	0	1,195,514
TETCO Stg (SS1, FSS)	2,421	2,469	6,576	6,321	6,373	170	24,331
MCN Stg	0	0	0	0	0	0	0
A	1,766,520	3,793,992	4,410,312	4,223,071	1,106,707	0	15,300,601
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Subtotal Storage Volumes</b>	<b>1,829,104</b>	<b>3,981,986</b>	<b>4,922,584</b>	<b>4,482,287</b>	<b>1,304,316</b>	<b>170</b>	<b>16,520,447</b>
<b>Peaking</b>							
B	636,236	755,628	729,652	662,481	734,718	0	3,518,715
LNG (includes boilloff)	6,435	16,830	73,809	48,783	7,045	8,209	161,110
Propane	0	0	0	0	0	0	0
Duke	0	0	194,893	0	0	0	194,893
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Subtotal Peaking Volumes</b>	<b>642,671</b>	<b>772,458</b>	<b>998,353</b>	<b>711,264</b>	<b>741,763</b>	<b>8,209</b>	<b>3,874,718</b>
<b>Total Firm Sales/Sendout Volumes</b>	<b>4,856,061</b>	<b>6,991,800</b>	<b>8,258,225</b>	<b>7,385,230</b>	<b>6,525,325</b>	<b>4,298,521</b>	<b>38,315,162</b>
							0
<b>II. Gas Costs</b>							
<b>A. Demand Costs</b>							
<b>Pipeline/Supply Related Demand Costs</b>							
Granite							\$673,700
PNGTS							\$160,666
Algonquin							\$177,087
Iroquois							\$230,997
Tennessee							\$1,408,609
Texas Eastern							\$34,264
TransCanada							\$279,769
TransCanada SH							\$324,996
Union							\$0
Vector							\$1,146,726
B							\$648,235
C							\$1,219,313
Other							\$0
TCPL							\$0
<b>Subtotal Pipeline Demand Costs</b>							<b>\$6,304,361</b>
<b>Storage</b>							
TGP FS Stg							\$143,246
TETCO Stg (SS1, FSS)							\$3,209
Granite Stg							\$0
Trans Canada							\$3,196,061
PNGTS							\$4,052,655
A							\$568,080
<b>Subtotal Storage Demand Costs</b>							<b>\$7,963,251</b>
<b>Peaking</b>							
B							\$0
C							\$0
MCN							\$0
Other							\$0
Other							\$0
<b>Subtotal Peaking Demand Costs</b>							<b>\$0</b>
<b>Capacity Release</b>							<b>(\$478,482)</b>
<b>Off System Credits</b>							<b>\$0</b>
<b>Interruptible Margins and Other Misc Items</b>							<b>(23,829)</b>
<b>Total Demand Costs</b>							<b>\$13,765,301</b>

Northern Utilities - NEW HAMPSHIRE DIVISION

Summary of Demand and Supply Forecast

	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
83 <b>B. Supply Commodity Costs</b>							
84 <b>NH Allocation Factors</b>							
85 <b>Pipeline Purchases</b>							
86 GSGT PNGTS Deliveries	\$125,733	\$140,520	\$147,516	\$133,508	\$146,159	\$836,822	\$1,530,260
87 GSGT TGP Niagra	\$122,178	\$252,383	\$268,784	\$248,901	\$82,557	\$501,863	\$1,476,665
88 GSGT TGP Iroquois via Chicago	\$135,410	\$246,789	\$195,413	\$127,173	\$312,003	\$321,666	\$1,338,454
89 AGT FT Deliveries via Chicago	\$158,720	\$44,414	\$110,816	\$150,904	\$40,009	\$434,003	\$938,865
90 AGT FT Deliveries via Gulf Coast	\$47,275	\$5,937	\$12,899	\$16,721	(\$2)	\$146,474	\$229,305
91 TGP Gulf Coast	\$1,188,356	\$1,513,385	\$1,620,451	\$1,532,307	\$1,381,952	\$1,709,875	\$8,946,327
92 GSGT PNGTS via Chicago	\$452,054	\$4,751	\$11,338	\$16,319	\$2,401,993	\$0	\$2,886,455
93 Hubline	\$0	\$0	\$0	\$0	\$0	\$0	\$0
94 <b>Total Pipeline Purchase \$\$</b>	<b>\$2,229,726</b>	<b>\$2,208,179</b>	<b>\$2,367,218</b>	<b>\$2,225,833</b>	<b>\$4,364,670</b>	<b>\$3,950,704</b>	<b>\$17,346,330</b>
95							
96 <b>Storage Withdrawals</b>							
97 TGP FS Stg	\$63,544	\$188,269	\$510,956	\$254,881	\$193,153	\$308	\$1,211,112
98 TETCO Stg (SS1, FSS)	\$2,092	\$2,170	\$5,681	\$5,459	\$5,492	\$148	\$21,043
99 MCN Stg	\$0	\$0	\$0	\$0	\$0	\$0	\$0
100 Washington 10	\$1,962,546	\$4,098,647	\$4,761,080	\$4,561,759	\$1,201,616	\$4,708	\$16,590,356
101 Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
102 <b>Total Storage Withdrawal \$\$</b>	<b>\$2,028,182</b>	<b>\$4,289,086</b>	<b>\$5,277,717</b>	<b>\$4,822,099</b>	<b>\$1,400,261</b>	<b>\$5,164</b>	<b>\$17,822,510</b>
103							
104 <b>Peaking</b>							
105 Domac	\$375,986	\$446,542	\$456,433	\$412,341	\$438,326	\$4,828	\$2,134,456
106 LNG	\$47,062	\$36,811	\$36,464	\$22,704	\$23,918	\$25,345	\$192,303
107 Propane	\$0	\$0	\$0	\$0	\$0	\$0	\$0
108 Duke	\$0	\$0	\$297,142	\$0	\$0	\$0	\$297,142
109 Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
110 Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
111 <b>Total Peaking \$\$</b>	<b>\$423,048</b>	<b>\$483,353</b>	<b>\$790,039</b>	<b>\$435,045</b>	<b>\$462,244</b>	<b>\$30,173</b>	<b>\$2,623,901</b>
112							
113 <b>Interruptible Included above</b>	<b>\$ (2,189)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (13,314)</b>	<b>\$ (15,503)</b>
114							
115 <b>Hedging (Gain)/Loss</b>	<b>\$86,460</b>	<b>\$142,683</b>	<b>\$127,884</b>	<b>\$127,734</b>	<b>\$100,116</b>	<b>\$66,186</b>	<b>\$651,063</b>
116							
117 <b>Total Commodity Costs</b>	<b>\$4,765,226</b>	<b>\$7,123,301</b>	<b>\$8,562,859</b>	<b>\$7,610,711</b>	<b>\$6,327,291</b>	<b>\$4,038,912</b>	<b>\$38,428,301</b>
118							
119 <b>Total Direct Costs</b>							<b>\$52,193,602</b>



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

1 BASE DEMAND COSTS BY CLASS

	30	31	31	28	31	30	31	30	31	31	30	31	30	31	365	181	184
	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		
6 Res Heat	\$ 17,802	\$ 17,758	\$ 17,892	\$ 17,962	\$ 18,065	\$ 18,346	\$ 17,964	\$ 17,980	\$ 17,761	\$ 17,375	\$ 17,758	\$ 18,002	\$ 214,665	\$ 107,825	\$ 106,840		
7 Res General	\$ 1,002	\$ 1,000	\$ 1,007	\$ 1,011	\$ 1,017	\$ 1,033	\$ 1,011	\$ 1,012	\$ 1,000	\$ 1,029	\$ 1,014	\$ 1,014	\$ 12,137	\$ 6,071	\$ 6,066		
9 G50 Low Annual-Low Winter	\$ 7,607	\$ 7,588	\$ 7,646	\$ 7,676	\$ 7,720	\$ 7,840	\$ 7,677	\$ 7,491	\$ 7,590	\$ 7,850	\$ 7,588	\$ 6,572	\$ 90,845	\$ 46,077	\$ 44,768		
10 G40 Low Annual-High Winter	\$ 4,998	\$ 4,985	\$ 5,023	\$ 5,043	\$ 5,071	\$ 5,150	\$ 5,043	\$ 5,048	\$ 4,986	\$ 4,666	\$ 4,985	\$ 5,054	\$ 60,052	\$ 30,270	\$ 29,782		
11 G51 Med Annual-Low Winter	\$ 10,572	\$ 10,545	\$ 10,625	\$ 10,667	\$ 10,728	\$ 10,894	\$ 10,668	\$ 10,472	\$ 10,547	\$ 10,421	\$ 10,545	\$ 10,690	\$ 127,375	\$ 64,031	\$ 63,343		
12 G41 Med Annual-High Winter	\$ 6,654	\$ 6,637	\$ 6,687	\$ 6,714	\$ 6,752	\$ 6,857	\$ 6,714	\$ 6,721	\$ 6,638	\$ 6,224	\$ 6,637	\$ 6,728	\$ 79,964	\$ 40,301	\$ 39,663		
13 G52 High Annual-Low Winter	\$ 4,205	\$ 4,401	\$ 3,811	\$ 3,502	\$ 3,050	\$ 1,813	\$ 3,493	\$ 4,052	\$ 4,402	\$ 4,600	\$ 4,401	\$ 4,448	\$ 46,180	\$ 20,783	\$ 25,397		
14 G42 High Annual-High Winter	\$ 987	\$ 985	\$ 992	\$ 996	\$ 1,002	\$ 1,018	\$ 996	\$ 764	\$ 985	\$ 841	\$ 985	\$ 999	\$ 11,552	\$ 5,981	\$ 5,574		
15 Non-Grandfathered T50 Low Annual-Low Winter	\$ 504	\$ 503	\$ 507	\$ 509	\$ 511	\$ 519	\$ 509	\$ 509	\$ 503	\$ 516	\$ 503	\$ 510	\$ 6,102	\$ 3,053	\$ 3,048		
16 Non-Grandfathered T40 Low Annual-High Winter	\$ 652	\$ 651	\$ 656	\$ 658	\$ 662	\$ 672	\$ 658	\$ 659	\$ 651	\$ 661	\$ 651	\$ 660	\$ 7,891	\$ 3,951	\$ 3,946		
17 Non-Grandfathered T51 Med Annual-Low Winter	\$ 4,258	\$ 4,247	\$ 4,279	\$ 4,296	\$ 4,320	\$ 4,388	\$ 4,296	\$ 4,300	\$ 4,248	\$ 4,471	\$ 4,247	\$ 4,305	\$ 51,656	\$ 25,788	\$ 25,868		
18 Non-Grandfathered T41 Med Annual-High Winter	\$ 3,369	\$ 3,361	\$ 3,386	\$ 3,400	\$ 3,419	\$ 3,472	\$ 3,400	\$ 3,403	\$ 3,361	\$ 3,448	\$ 3,361	\$ 3,407	\$ 40,787	\$ 20,407	\$ 20,380		
19 Non-Grandfathered T52 High Annual-High Winter	\$ 1,703	\$ 1,698	\$ 1,711	\$ 1,718	\$ 1,728	\$ 1,755	\$ 1,718	\$ 1,720	\$ 1,686	\$ 1,792	\$ 1,698	\$ 1,722	\$ 20,649	\$ 10,313	\$ 10,336		
20 Non-Grandfathered T42 High Annual-High Winter	\$ 1,114	\$ 1,111	\$ 1,119	\$ 1,124	\$ 1,130	\$ 1,148	\$ 1,124	\$ 1,125	\$ 1,111	\$ 1,038	\$ 1,111	\$ 1,126	\$ 13,381	\$ 6,746	\$ 6,635		
21 Non-Grandfathered Special Contracts	\$ 17,161	\$ 17,118	\$ 17,247	\$ 17,315	\$ 17,414	\$ 17,685	\$ 17,317	\$ 17,333	\$ 17,121	\$ 17,655	\$ 17,118	\$ 17,353	\$ 207,839	\$ 103,941	\$ 103,898		
22 TOTAL	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 991,073	\$ 495,537	\$ 495,537		
23 Residential	\$ 18,805	\$ 18,758	\$ 18,899	\$ 18,973	\$ 19,082	\$ 19,378	\$ 18,975	\$ 18,993	\$ 18,761	\$ 18,405	\$ 18,758	\$ 19,015	\$ 226,802	\$ 113,895	\$ 112,907		
24 SALES HLF CLASSES	\$ 22,385	\$ 22,535	\$ 22,082	\$ 21,844	\$ 21,497	\$ 20,547	\$ 21,838	\$ 22,015	\$ 22,539	\$ 22,871	\$ 22,535	\$ 21,710	\$ 264,399	\$ 130,890	\$ 133,508		
26 SALES LLF CLASSES	\$ 12,639	\$ 12,608	\$ 12,703	\$ 12,753	\$ 12,826	\$ 13,025	\$ 12,754	\$ 12,532	\$ 12,610	\$ 11,732	\$ 12,608	\$ 12,781	\$ 151,568	\$ 76,552	\$ 75,016		
27 Non-Grandfathered HLF CLASSES	\$ 23,626	\$ 23,567	\$ 23,744	\$ 23,838	\$ 23,974	\$ 24,346	\$ 23,840	\$ 23,862	\$ 23,557	\$ 24,435	\$ 23,567	\$ 23,890	\$ 286,246	\$ 143,094	\$ 143,151		
28 Non-Grandfathered LLF CLASSES	\$ 5,135	\$ 5,123	\$ 5,161	\$ 5,182	\$ 5,211	\$ 5,292	\$ 5,182	\$ 5,187	\$ 5,123	\$ 5,147	\$ 5,123	\$ 5,193	\$ 62,059	\$ 31,104	\$ 30,955		

32 BASE COMMODITY COSTS BY CLASS

	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		
34 Res Heat	\$ 325,256	\$ 354,708	\$ 363,997	\$ 329,673	\$ 350,202	\$ 320,283	\$ 323,897	\$ 312,450	\$ 326,914	\$ 304,891	\$ 321,496	\$ 341,336	\$ 3,975,104	\$ 2,044,120	\$ 1,930,985		
35 Res General	\$ 18,313	\$ 19,971	\$ 20,494	\$ 18,562	\$ 19,717	\$ 18,033	\$ 18,236	\$ 17,592	\$ 18,406	\$ 18,059	\$ 18,101	\$ 19,218	\$ 224,703	\$ 115,090	\$ 109,613		
36 G50 Low Annual-Low Winter	\$ 138,991	\$ 151,577	\$ 155,547	\$ 140,879	\$ 149,652	\$ 136,866	\$ 138,411	\$ 130,181	\$ 139,700	\$ 137,749	\$ 137,385	\$ 124,608	\$ 1,681,544	\$ 873,512	\$ 808,032		
37 G40 Low Annual-High Winter	\$ 91,311	\$ 99,579	\$ 102,187	\$ 92,551	\$ 98,314	\$ 89,915	\$ 90,930	\$ 87,716	\$ 91,776	\$ 81,879	\$ 90,255	\$ 95,825	\$ 1,112,239	\$ 573,857	\$ 538,381		
38 G51 Med Annual-Low Winter	\$ 193,151	\$ 210,642	\$ 216,158	\$ 195,775	\$ 207,966	\$ 190,199	\$ 192,345	\$ 181,971	\$ 194,136	\$ 182,860	\$ 190,919	\$ 202,701	\$ 2,358,822	\$ 1,213,891	\$ 1,144,932		
39 G41 Med Annual-High Winter	\$ 121,570	\$ 132,578	\$ 136,050	\$ 123,221	\$ 130,894	\$ 119,711	\$ 121,062	\$ 116,783	\$ 122,190	\$ 109,215	\$ 120,165	\$ 127,580	\$ 1,481,019	\$ 764,025	\$ 716,995		
40 G52 High Annual-Low Winter	\$ 76,834	\$ 87,913	\$ 77,530	\$ 64,276	\$ 59,118	\$ 31,660	\$ 62,987	\$ 70,413	\$ 81,025	\$ 80,717	\$ 79,682	\$ 84,348	\$ 856,503	\$ 397,332	\$ 459,171		
41 G42 High Annual-High Winter	\$ 18,041	\$ 19,675	\$ 20,190	\$ 18,286	\$ 19,425	\$ 17,766	\$ 17,966	\$ 13,278	\$ 18,133	\$ 14,766	\$ 17,833	\$ 18,933	\$ 214,292	\$ 113,384	\$ 100,900		
42 Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,208	\$ 10,042	\$ 10,305	\$ 9,334	\$ 9,915	\$ 9,068	\$ 9,170	\$ 8,846	\$ 9,255	\$ 9,057	\$ 9,102	\$ 9,664	\$ 112,966	\$ 57,872	\$ 55,000		
43 Non-Grandfathered T40 Low Annual-High Winter	\$ 11,919	\$ 12,998	\$ 13,339	\$ 12,081	\$ 12,833	\$ 11,737	\$ 11,869	\$ 11,450	\$ 11,980	\$ 11,600	\$ 11,781	\$ 12,508	\$ 146,095	\$ 74,907	\$ 71,000		
44 Non-Grandfathered T51 Med Annual-Low Winter	\$ 77,790	\$ 84,834	\$ 87,056	\$ 78,847	\$ 83,756	\$ 76,601	\$ 77,465	\$ 74,727	\$ 78,187	\$ 78,457	\$ 76,891	\$ 81,636	\$ 956,247	\$ 488,884	\$ 467,363		
45 Non-Grandfathered T41 Med Annual-High Winter	\$ 61,559	\$ 67,133	\$ 68,891	\$ 62,395	\$ 66,280	\$ 60,618	\$ 61,302	\$ 59,135	\$ 61,872	\$ 60,499	\$ 60,847	\$ 64,602	\$ 755,133	\$ 386,875	\$ 368,257		
46 Non-Grandfathered T52 High Annual-Low Winter	\$ 31,110	\$ 33,927	\$ 34,815	\$ 31,532	\$ 33,496	\$ 30,634	\$ 30,980	\$ 29,885	\$ 31,027	\$ 31,448	\$ 30,750	\$ 32,648	\$ 382,251	\$ 195,514	\$ 186,738		
47 Non-Grandfathered T42 High Annual-High Winter	\$ 20,349	\$ 22,192	\$ 22,773	\$ 20,626	\$ 21,910	\$ 20,038	\$ 20,264	\$ 19,548	\$ 20,453	\$ 18,215	\$ 20,114	\$ 21,355	\$ 247,836	\$ 127,887	\$ 119,949		
48 Non-Grandfathered Special Contracts	\$ 313,540	\$ 341,932	\$ 350,886	\$ 317,799	\$ 337,588	\$ 308,747	\$ 312,231	\$ 301,196	\$ 315,139	\$ 309,804	\$ 309,916	\$ 329,042	\$ 3,847,820	\$ 1,970,493	\$ 1,877,327		
49 TOTAL	\$ 1,508,942	\$ 1,649,702	\$ 1,680,219	\$ 1,515,836	\$ 1,601,065	\$ 1,441,875	\$ 1,489,114	\$ 1,435,170	\$ 1,520,192	\$ 1,449,215	\$ 1,495,238	\$ 1,566,004	\$ 18,352,575	\$ 9,397,641	\$ 8,954,934		
50 Residential	\$ 343,568	\$ 374,679	\$ 384,491	\$ 348,235	\$ 369,919	\$ 338,316	\$ 342,134	\$ 330,042	\$ 345,320	\$ 322,950	\$ 339,598	\$ 360,555	\$ 4,199,807	\$ 2,159,210	\$ 2,040,598		
52 SALES HLF CLASSES	\$ 408,977	\$ 450,132	\$ 449,235	\$ 400,930	\$ 416,735	\$ 358,725	\$ 393,742	\$ 382,565	\$ 414,860	\$ 401,326	\$ 407,986	\$ 411,656	\$ 4,896,870	\$ 2,484,735	\$ 2,412,135		
53 SALES LLF CLASSES	\$ 230,922	\$ 251,833	\$ 258,427	\$ 234,059	\$ 248,633	\$ 227,392	\$ 229,558	\$ 217,777	\$ 232,099	\$ 205,859	\$ 228,253	\$ 242,339	\$ 2,807,550	\$ 1,451,266	\$ 1,356,285		
54 Non-Grandfathered HLF CLASSES	\$ 431,648	\$ 470,735	\$ 483,063	\$ 437,511	\$ 464,755	\$ 425,050	\$ 429,846	\$ 414,654	\$ 433,608	\$ 428,766	\$ 428,659	\$ 452,989	\$ 5,299,284	\$ 2,712,762	\$ 2,586,522		
55 Non-Grandfathered LLF CLASSES	\$ 93,827	\$ 102,323	\$ 105,003	\$ 95,101	\$ 101,023	\$ 92,392	\$ 93,435	\$ 90,133	\$ 94,305	\$ 90,314	\$ 92,742	\$ 98,466	\$ 1,149,063	\$ 589,669	\$ 559,394		

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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER	
2																
3																
4																
5																
6	Res Heat	\$ 343,058	\$ 372,466	\$ 381,889	\$ 347,635	\$ 368,267	\$ 338,629	\$ 341,861	\$ 330,430	\$ 344,674	\$ 322,267	\$ 339,254	\$ 359,338	\$ 4,189,769	\$ 2,151,944	\$ 2,037,825
7	Res General	\$ 19,315	\$ 20,971	\$ 21,501	\$ 19,573	\$ 20,735	\$ 19,066	\$ 19,248	\$ 18,604	\$ 19,406	\$ 19,088	\$ 19,101	\$ 20,232	\$ 236,840	\$ 121,161	\$ 115,679
9	G50 Low Annual-Low Winter	\$ 146,599	\$ 159,166	\$ 163,192	\$ 148,555	\$ 157,371	\$ 144,706	\$ 146,087	\$ 137,672	\$ 147,289	\$ 145,599	\$ 144,973	\$ 131,179	\$ 1,772,389	\$ 919,589	\$ 852,800
10	G40 Low Annual-High Winter	\$ 96,309	\$ 104,565	\$ 107,210	\$ 97,594	\$ 103,386	\$ 95,065	\$ 95,973	\$ 92,764	\$ 96,762	\$ 86,545	\$ 95,241	\$ 100,879	\$ 1,172,291	\$ 604,128	\$ 568,163
11	G51 Med Annual-Low Winter	\$ 203,723	\$ 221,187	\$ 226,783	\$ 206,442	\$ 218,693	\$ 201,093	\$ 203,013	\$ 192,443	\$ 204,683	\$ 193,281	\$ 201,464	\$ 213,391	\$ 2,486,197	\$ 1,277,922	\$ 1,208,275
12	G41 Med Annual-High Winter	\$ 128,224	\$ 139,216	\$ 142,738	\$ 129,935	\$ 137,646	\$ 126,568	\$ 127,776	\$ 123,504	\$ 128,828	\$ 115,439	\$ 126,802	\$ 134,309	\$ 1,560,983	\$ 804,326	\$ 756,658
13	G52 High Annual-Low Winter	\$ 81,039	\$ 92,315	\$ 81,341	\$ 67,778	\$ 62,168	\$ 33,473	\$ 66,480	\$ 74,465	\$ 85,427	\$ 85,317	\$ 84,083	\$ 88,796	\$ 902,683	\$ 418,114	\$ 484,568
14	G42 High Annual-High Winter	\$ 19,029	\$ 20,660	\$ 21,183	\$ 19,283	\$ 20,427	\$ 18,783	\$ 18,962	\$ 14,042	\$ 19,118	\$ 15,607	\$ 18,818	\$ 19,932	\$ 225,844	\$ 119,365	\$ 106,470
15	Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,712	\$ 10,545	\$ 10,812	\$ 9,842	\$ 10,426	\$ 9,587	\$ 9,679	\$ 9,355	\$ 9,758	\$ 9,573	\$ 9,605	\$ 10,173	\$ 119,068	\$ 60,925	\$ 58
16	Non-Grandfathered T40 Low Annual-High Winter	\$ 12,571	\$ 13,649	\$ 13,994	\$ 12,739	\$ 13,495	\$ 12,409	\$ 12,527	\$ 12,109	\$ 12,631	\$ 12,261	\$ 12,432	\$ 13,168	\$ 153,986	\$ 78,858	\$ 75
17	Non-Grandfathered T51 Med Annual-Low Winter	\$ 82,048	\$ 89,081	\$ 91,335	\$ 83,143	\$ 88,077	\$ 80,988	\$ 81,762	\$ 79,028	\$ 82,434	\$ 82,929	\$ 81,138	\$ 85,941	\$ 1,007,903	\$ 514,672	\$ 493,231
18	Non-Grandfathered T41 Med Annual-High Winter	\$ 64,928	\$ 70,494	\$ 72,277	\$ 65,794	\$ 69,699	\$ 64,090	\$ 64,702	\$ 62,538	\$ 65,234	\$ 63,947	\$ 64,208	\$ 68,009	\$ 795,920	\$ 407,282	\$ 388,637
19	Non-Grandfathered T52 High Annual-Low Winter	\$ 32,812	\$ 35,625	\$ 36,526	\$ 33,250	\$ 35,224	\$ 32,389	\$ 32,698	\$ 31,605	\$ 32,713	\$ 33,240	\$ 32,449	\$ 34,370	\$ 402,900	\$ 205,827	\$ 197,074
20	Non-Grandfathered T42 High Annual-High Winter	\$ 21,463	\$ 23,303	\$ 23,892	\$ 21,749	\$ 23,040	\$ 21,186	\$ 21,388	\$ 20,673	\$ 21,564	\$ 19,253	\$ 21,225	\$ 22,481	\$ 261,217	\$ 134,633	\$ 126,584
21	Non-Grandfathered Special Contracts	\$ 330,701	\$ 359,500	\$ 368,134	\$ 335,114	\$ 355,002	\$ 326,432	\$ 329,548	\$ 318,528	\$ 332,260	\$ 327,460	\$ 327,035	\$ 346,395	\$ 4,055,659	\$ 2,074,434	\$ 1,981,225
22	TOTAL	\$ 1,591,532	\$ 1,732,292	\$ 1,762,809	\$ 1,598,426	\$ 1,683,655	\$ 1,524,465	\$ 1,571,704	\$ 1,517,759	\$ 1,602,782	\$ 1,531,805	\$ 1,577,828	\$ 1,648,594	\$ 19,343,648	\$ 9,893,178	\$ 9,450,471
23																
24	Residential	\$ 362,373	\$ 393,437	\$ 403,391	\$ 367,208	\$ 389,001	\$ 357,695	\$ 361,109	\$ 349,034	\$ 364,080	\$ 341,355	\$ 358,355	\$ 379,570	\$ 4,426,609	\$ 2,273,105	\$ 2,153,504
25	SALES HLF CLASSES	\$ 431,361	\$ 472,667	\$ 471,317	\$ 422,775	\$ 438,232	\$ 379,273	\$ 415,580	\$ 404,580	\$ 437,399	\$ 424,197	\$ 430,521	\$ 433,366	\$ 5,161,269	\$ 2,615,625	\$ 2,545,644
26	SALES LLF CLASSES	\$ 243,561	\$ 264,440	\$ 271,130	\$ 246,811	\$ 261,459	\$ 240,417	\$ 242,712	\$ 230,309	\$ 244,709	\$ 217,591	\$ 240,861	\$ 255,120	\$ 2,959,118	\$ 1,527,818	\$ 1,431,300
27	Non-Grandfathered HLF CLASSES	\$ 455,274	\$ 494,302	\$ 506,807	\$ 461,349	\$ 488,729	\$ 449,396	\$ 453,686	\$ 438,516	\$ 457,165	\$ 453,201	\$ 450,226	\$ 476,879	\$ 5,585,530	\$ 2,855,857	\$ 2,729,673
28	Non-Grandfathered LLF CLASSES	\$ 98,962	\$ 107,446	\$ 110,164	\$ 100,283	\$ 106,234	\$ 97,685	\$ 98,617	\$ 95,319	\$ 99,429	\$ 95,461	\$ 97,865	\$ 103,659	\$ 1,211,123	\$ 620,773	\$ 590,349

1 BASE COMMODITY COSTS INCLUDING INTERRUPTIBLE BY CLASS

	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	
2																
3																
4																
5																
6	Res Heat	\$ 325,256	\$ 354,708	\$ 363,997	\$ 329,673	\$ 350,202	\$ 320,283	\$ 327,988	\$ 317,058	\$ 330,190	\$ 306,906	\$ 322,625	\$ 342,169	\$ 3,991,056	\$ 2,044,120	\$ 1,946,936
7	Res General	\$ 18,313	\$ 19,971	\$ 20,494	\$ 18,562	\$ 19,717	\$ 18,033	\$ 18,467	\$ 17,851	\$ 18,591	\$ 18,178	\$ 18,165	\$ 19,265	\$ 225,607	\$ 115,090	\$ 110,517
9	G50 Low Annual-Low Winter	\$ 138,991	\$ 151,577	\$ 155,547	\$ 140,879	\$ 149,652	\$ 136,866	\$ 140,159	\$ 132,101	\$ 141,100	\$ 138,659	\$ 137,867	\$ 124,912	\$ 1,688,309	\$ 873,512	\$ 814,797
10	G40 Low Annual-High Winter	\$ 91,311	\$ 99,579	\$ 102,187	\$ 92,551	\$ 98,314	\$ 89,915	\$ 92,078	\$ 89,010	\$ 92,696	\$ 82,420	\$ 90,572	\$ 96,059	\$ 1,116,692	\$ 573,857	\$ 542,835
11	G51 Med Annual-Low Winter	\$ 193,151	\$ 210,642	\$ 216,158	\$ 195,775	\$ 207,966	\$ 190,199	\$ 194,774	\$ 184,655	\$ 196,082	\$ 184,068	\$ 191,589	\$ 203,196	\$ 2,368,254	\$ 1,213,891	\$ 1,154,364
12	G41 Med Annual-High Winter	\$ 121,570	\$ 132,578	\$ 136,050	\$ 123,221	\$ 130,894	\$ 119,711	\$ 122,591	\$ 118,506	\$ 123,414	\$ 109,936	\$ 120,586	\$ 127,892	\$ 1,486,950	\$ 764,025	\$ 722
13	G52 High Annual-Low Winter	\$ 76,834	\$ 87,913	\$ 77,530	\$ 64,276	\$ 59,118	\$ 31,660	\$ 63,782	\$ 71,452	\$ 81,837	\$ 81,250	\$ 79,962	\$ 84,553	\$ 860,168	\$ 397,332	\$ 462
14	G42 High Annual-High Winter	\$ 18,041	\$ 19,675	\$ 20,190	\$ 18,286	\$ 19,425	\$ 17,766	\$ 18,193	\$ 13,474	\$ 18,315	\$ 14,863	\$ 18,895	\$ 19,980	\$ 215,103	\$ 113,384	\$ 101,720
15	Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,208	\$ 10,042	\$ 10,305	\$ 9,334	\$ 9,915	\$ 9,068	\$ 9,286	\$ 8,976	\$ 9,348	\$ 9,117	\$ 9,134	\$ 9,687	\$ 113,421	\$ 57,872	\$ 55,548
16	Non-Grandfathered T40 Low Annual-High Winter	\$ 11,919	\$ 12,998	\$ 13,339	\$ 12,081	\$ 12,833	\$ 11,737	\$ 12,019	\$ 11,619	\$ 12,100	\$ 11,677	\$ 11,823	\$ 12,539	\$ 146,682	\$ 74,907	\$ 71,776
17	Non-Grandfathered T51 Med Annual-Low Winter	\$ 77,790	\$ 84,834	\$ 87,056	\$ 78,847	\$ 83,756	\$ 76,601	\$ 78,444	\$ 75,830	\$ 78,970	\$ 78,976	\$ 77,161	\$ 81,835	\$ 960,098	\$ 488,884	\$ 471,215
18	Non-Grandfathered T41 Med Annual-High Winter	\$ 61,559	\$ 67,133	\$ 68,891	\$ 62,395	\$ 66,280	\$ 60,618	\$ 62,076	\$ 60,007	\$ 62,493	\$ 60,899	\$ 61,061	\$ 64,760	\$ 758,170	\$ 386,875	\$ 371,295
19	Non-Grandfathered T52 High Annual-Low Winter	\$ 31,110	\$ 33,927	\$ 34,815	\$ 31,532	\$ 33,496	\$ 30,634	\$ 31,371	\$ 30,326	\$ 31,338	\$ 31,656	\$ 30,858	\$ 32,727	\$ 383,790	\$ 195,514	\$ 188,276
20	Non-Grandfathered T42 High Annual-High Winter	\$ 20,349	\$ 22,192	\$ 22,773	\$ 20,626	\$ 21,910	\$ 20,038	\$ 20,520	\$ 19,836	\$ 20,658	\$ 18,335	\$ 20,185	\$ 21,407	\$ 248,828	\$ 127,887	\$ 120,941
21	Non-Grandfathered Special Contracts	\$ 313,540	\$ 341,932	\$ 350,886	\$ 317,799	\$ 337,588	\$ 308,747	\$ 316,174	\$ 305,638	\$ 318,297	\$ 311,851	\$ 311,004	\$ 329,845	\$ 3,863,302	\$ 1,970,493	\$ 1,892,809
22	TOTAL	\$ 1,508,942	\$ 1,649,702	\$ 1,680,219	\$ 1,515,836	\$ 1,601,065	\$ 1,441,875	\$ 1,507,922	\$ 1,456,339	\$ 1,535,427	\$ 1,458,790	\$ 1,500,486	\$ 1,569,825	\$ 18,426,430	\$ 9,397,641	\$ 9,028,789
23																
24	SALES HLF CLASSES	\$ 427,290	\$ 470,103	\$ 469,729	\$ 419,492	\$ 436,453	\$ 376,758	\$ 417,182	\$ 406,059	\$ 437,609	\$ 422,156	\$ 427,582	\$ 431,926	\$ 5,142,338	\$ 2,599,825	\$ 2,542,514
25	SALES LLF CLASSES	\$ 556,178	\$ 606,541	\$ 622,425	\$ 563,732	\$ 598,835	\$ 547,675	\$ 560,850	\$ 538,048	\$ 564,615	\$ 514,125	\$ 551,679	\$ 585,099	\$ 6,809,801	\$ 3,495,385	\$ 3,314,416
26	Non-Grandfathered HLF CLASSES	\$ 431,648	\$ 470,735	\$ 483,063	\$ 437,511	\$ 464,755	\$ 425,050	\$ 435,275	\$ 420,770	\$ 437,953	\$ 431,599	\$ 428,157	\$ 454,094	\$ 5,320,611	\$ 2,712,762	\$ 2,607,848
27	Non-Grandfathered LLF CLASSES	\$ 93,827	\$ 102,323	\$ 105,003	\$ 95,101	\$ 101,023	\$ 92,392	\$ 94,615	\$ 91,462	\$ 95,250	\$ 90,911	\$ 93,068	\$ 98,706	\$ 1,153,681	\$ 589,669	\$ 564,011

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

31 BASE INTERRUPTIBLE COMMODITY COSTS BY CLASS

32	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
33 Res Heat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,091	\$ 4,609	\$ 3,276	\$ 2,014	\$ 1,128	\$ 833	\$ 15,951	\$ -	\$ 15,951
34 Res General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 230	\$ 259	\$ 184	\$ 119	\$ 64	\$ 47	\$ 904	\$ -	\$ 904
36 G50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,748	\$ 1,920	\$ 1,400	\$ 910	\$ 482	\$ 304	\$ 6,765	\$ -	\$ 6,765
37 G40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,148	\$ 1,294	\$ 920	\$ 541	\$ 317	\$ 234	\$ 4,454	\$ -	\$ 4,454
38 G51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,429	\$ 2,684	\$ 1,946	\$ 1,208	\$ 670	\$ 495	\$ 9,432	\$ -	\$ 9,432
39 G41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,529	\$ 1,723	\$ 1,225	\$ 722	\$ 422	\$ 311	\$ 5,931	\$ -	\$ 5,931
40 G52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 796	\$ 1,039	\$ 812	\$ 533	\$ 280	\$ 206	\$ 3,665	\$ -	\$ 3,665
41 G42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 227	\$ 196	\$ 182	\$ 98	\$ 63	\$ 46	\$ 811	\$ -	\$ 811
42 Non-Grandfathered T50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 116	\$ 130	\$ 93	\$ 60	\$ 32	\$ 24	\$ 454	\$ -	\$ 454
43 Non-Grandfathered T40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150	\$ 169	\$ 120	\$ 77	\$ 41	\$ 31	\$ 587	\$ -	\$ 587
44 Non-Grandfathered T51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 978	\$ 1,102	\$ 784	\$ 518	\$ 270	\$ 199	\$ 3,852	\$ -	\$ 3,852
45 Non-Grandfathered T41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 774	\$ 872	\$ 620	\$ 400	\$ 214	\$ 158	\$ 3,037	\$ -	\$ 3,037
46 Non-Grandfathered T52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 391	\$ 441	\$ 311	\$ 208	\$ 108	\$ 80	\$ 1,538	\$ -	\$ 1,538
47 Non-Grandfathered T42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 256	\$ 288	\$ 205	\$ 120	\$ 71	\$ 52	\$ 992	\$ -	\$ 992
48 Non-Grandfathered Special Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,943	\$ 4,443	\$ 3,158	\$ 2,047	\$ 1,088	\$ 803	\$ 15,482	\$ -	\$ 15,482
49 TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,807	\$ 21,169	\$ 15,235	\$ 9,575	\$ 5,248	\$ 3,821	\$ 73,855	\$ -	\$ 73,855
50															
51 SALES HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,203	\$ 5,902	\$ 4,342	\$ 2,771	\$ 1,495	\$ 1,051	\$ 20,765	\$ -	\$ 20,765
52 SALES LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,995	\$ 7,821	\$ 5,602	\$ 3,375	\$ 1,930	\$ 1,424	\$ 27,147	\$ -	\$ 27,147
53 Non-Grandfathered HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,429	\$ 6,116	\$ 4,345	\$ 2,833	\$ 1,498	\$ 1,105	\$ 21,326	\$ -	\$ 21,326
54 Non-Grandfathered LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180	\$ 1,329	\$ 945	\$ 597	\$ 326	\$ 240	\$ 4,617	\$ -	\$ 4,617

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 Res Heat	\$ 2,393,624	\$ 3,281,391	\$ (186,244)	\$ (9,275)	\$ -	\$ -	\$ 5,479,496
5 Res General	\$ 17,466	\$ 23,945	\$ (1,359)	\$ (68)	\$ -	\$ -	\$ 39,984
6 G50 Low Annual-Low Winter	\$ 66,397	\$ 91,022	\$ (5,166)	\$ (257)	\$ -	\$ -	\$ 151,995
7 G40 Low Annual-High Winter	\$ 1,382,961	\$ 1,895,866	\$ (107,606)	\$ (5,359)	\$ -	\$ -	\$ 3,165,883
8 G51 Med Annual-Low Winter	\$ 184,116	\$ 252,402	\$ (14,326)	\$ (713)	\$ -	\$ -	\$ 421,479
9 G41 Med Annual-High Winter	\$ 1,133,167	\$ 1,553,446	\$ (88,170)	\$ (4,391)	\$ -	\$ -	\$ 2,594,052
10 G52 High Annual-Low Winter	\$ 15,433	\$ 21,157	\$ (1,201)	\$ (60)	\$ -	\$ -	\$ 35,329
11 G42 High Annual-High Winter	\$ 150,020	\$ 205,661	\$ (11,673)	\$ (581)	\$ -	\$ -	\$ 343,427
12 Non-Grandfathered T50 Low Annual-Low Winter	\$ 19,859	\$ 27,225	\$ (1,545)	\$ (77)	\$ -	\$ -	\$ 45,462
13 Non-Grandfathered T40 Low Annual-High Winter	\$ 83,145	\$ 113,983	\$ (6,469)	\$ (322)	\$ -	\$ -	\$ 190,336
14 Non-Grandfathered T51 Med Annual-Low Winter	\$ 60,295	\$ 82,658	\$ (4,691)	\$ (234)	\$ -	\$ -	\$ 138,028
15 Non-Grandfathered T41 Med Annual-High Winter	\$ 421,947	\$ 578,442	\$ (32,831)	\$ (1,635)	\$ -	\$ -	\$ 965,923
16 Non-Grandfathered T52 High Annual-Low Winter	\$ 20,098	\$ 27,553	\$ (1,564)	\$ (78)	\$ -	\$ -	\$ 46,009
17 Non-Grandfathered T42 High Annual-High Winter	\$ 159,591	\$ 218,781	\$ (12,417)	\$ (618)	\$ -	\$ -	\$ 365,336
18 Non-Grandfathered Special Contracts	\$ 41,393	\$ 56,745	\$ (3,221)	\$ (160)	\$ -	\$ -	\$ 94,757
19 TOTAL	\$ 6,149,512	\$ 8,430,296	\$ (478,482)	\$ (23,829)	\$ -	\$ -	\$ 14,077,497
20							
21 Residential	\$ 2,411,090	\$ 3,305,336	\$ (187,603)	\$ (9,343)	\$ -	\$ -	\$ 5,519,481
22 SALES HLF CLASSES	\$ 265,945	\$ 364,581	\$ (20,693)	\$ (1,031)	\$ -	\$ -	\$ 608,803
23 SALES LLF CLASSES	\$ 2,668,149	\$ 3,654,992	\$ (207,448)	\$ (10,331)	\$ -	\$ -	\$ 6,103,361
24 Non-Grandfathered HLF CLASSES	\$ 141,646	\$ 194,181	\$ (11,021)	\$ (549)	\$ -	\$ -	\$ 324,256
25 Non-Grandfathered LLF CLASSES	\$ 664,683	\$ 911,206	\$ (51,718)	\$ (2,576)	\$ -	\$ -	\$ 1,521,595

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28 Proportional Responsibility (PR) Allocator

	Remaining Load	Rank	%WINTER	PR	CumPR	Remaining Load No Off Peak	Rank	%WINTER	PR	CumPR
29										
30										
31										
32										
33 NOV	3,218,421	5	49.02%	1.582%	7.511%	3,218,421	5	49.02%	1.582%	8.434%
34 DEC	5,290,640	3	80.59%	2.206%	15.953%	5,290,640	3	80.59%	2.206%	16.877%
35 JAN	6,565,175	1	100.00%	10.693%	31.006%	6,565,175	1	100.00%	10.693%	31.930%
36 FEB	5,863,193	2	89.31%	4.361%	20.314%	5,863,193	2	89.31%	4.361%	21.237%
37 MAR	4,856,115	4	73.97%	6.236%	13.747%	4,856,115	4	73.97%	6.236%	14.670%
38 APR	2,699,091	6	41.11%	2.755%	5.929%	94.460% 2,699,091	6	41.11%	6.852%	6.852%
39 MAY	783,155	8	11.93%	0.666%	1.366%					
40 JUN	125,339	10	1.91%	0.058%	0.179%					
41 JUL	87,395	11	1.33%	0.121%	0.121%					
42 AUG	265	12	0.00%	0.000%	0.000%					
43 SEP	433,269	9	6.60%	0.521%	0.700%					
44 OCT	1,613,955	7	24.58%	1.808%	3.174%	5.540%				
45 TOTAL	31,536,013			31.006%	100.000%	28,492,635				100.000%
46										

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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER	
2																
3																
4																
5	TOT REMAINING COMMODITY	\$ 3,256,284	\$ 5,473,599	\$ 6,882,640	\$ 6,094,875	\$ 4,726,226	\$ 2,597,037	\$ 769,933	\$ 125,932	\$ 92,272	\$ 12,853	\$ 414,566	\$ 1,660,231	\$ 32,106,450	\$ 29,030,660	\$ 3,075,789
6																
7	Res Heat	\$ 1,250,650	\$ 2,086,229	\$ 2,632,144	\$ 2,294,453	\$ 1,813,018	\$ 971,425	\$ 279,132	\$ 26,433	\$ 27,500	\$ 3,831	\$ 144,193	\$ 636,157	\$ 12,165,165	\$ 11,047,920	\$ 1,117,245
8	Res General	\$ 8,041	\$ 12,420	\$ 15,678	\$ 15,482	\$ 10,798	\$ 6,348	\$ 1,716	\$ 802	\$ 521	\$ 73	\$ 1,471	\$ 1,168	\$ 74,517	\$ 68,768	\$ 5,750
9	G50 Low Annual-Low Winter	\$ 5,012	\$ 35,176	\$ 44,649	\$ 53,610	\$ 30,492	\$ 20,451	\$ 5,034	\$ -	\$ 3,168	\$ 441	\$ 7,219	\$ -	\$ 205,253	\$ 189,391	\$ 15,862
10	G40 Low Annual-High Winter	\$ 731,687	\$ 1,223,036	\$ 1,541,717	\$ 1,333,634	\$ 1,063,264	\$ 568,644	\$ 169,199	\$ 17,502	\$ 11,995	\$ 1,671	\$ 86,497	\$ 378,906	\$ 7,127,753	\$ 6,461,982	\$ 665,771
11	G51 Med Annual-Low Winter	\$ 74,870	\$ 123,307	\$ 158,999	\$ 156,020	\$ 106,158	\$ 56,875	\$ 6,808	\$ -	\$ 14,258	\$ 1,986	\$ 4,057	\$ 29,857	\$ 733,193	\$ 676,228	\$ 56,966
12	G41 Med Annual-High Winter	\$ 591,390	\$ 992,102	\$ 1,253,100	\$ 1,087,873	\$ 861,776	\$ 458,179	\$ 129,388	\$ 6,554	\$ 15,737	\$ 2,192	\$ 63,460	\$ 300,804	\$ 5,762,554	\$ 5,244,418	\$ 518,136
13	G52 High Annual-Low Winter	\$ -	\$ 2,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 889	\$ 124	\$ 2,553	\$ -	\$ 5,786	\$ 2,219	\$ 3,567
14	G42 High Annual-High Winter	\$ 78,784	\$ 131,232	\$ 165,446	\$ 144,019	\$ 114,080	\$ 61,261	\$ 18,163	\$ -	\$ 3,995	\$ 556	\$ 9,566	\$ 40,679	\$ 767,781	\$ 694,821	\$ 72,960
15	Non-Grandfathered T50 Low Annual-Low Winter	\$ 12,903	\$ 21,142	\$ 26,675	\$ 23,909	\$ 18,380	\$ 10,068	\$ 2,935	\$ 335	\$ 289	\$ 40	\$ 1,754	\$ 6,578	\$ 125,008	\$ 113,076	\$ 11,932
16	Non-Grandfathered T40 Low Annual-High Winter	\$ 54,327	\$ 90,816	\$ 114,606	\$ 99,632	\$ 78,921	\$ 42,168	\$ 12,200	\$ 1,050	\$ 516	\$ 72	\$ 6,214	\$ 27,836	\$ 528,357	\$ 480,469	\$ 47,887
17	Non-Grandfathered T51 Med Annual-Low Winter	\$ 38,546	\$ 60,435	\$ 76,336	\$ 74,090	\$ 52,492	\$ 30,288	\$ 8,450	\$ 3,494	\$ 205	\$ 29	\$ 6,810	\$ 18,922	\$ 370,097	\$ 332,187	\$ 37,911
18	Non-Grandfathered T41 Med Annual-High Winter	\$ 276,944	\$ 461,444	\$ 581,754	\$ 506,215	\$ 401,145	\$ 215,361	\$ 63,873	\$ 7,580	\$ 1,989	\$ 277	\$ 33,579	\$ 143,047	\$ 2,693,210	\$ 2,442,864	\$ 250,346
19	Non-Grandfathered T52 High Annual-Low Winter	\$ 12,793	\$ 19,766	\$ 24,988	\$ 24,877	\$ 17,173	\$ 10,087	\$ 2,767	\$ 54	\$ 279	\$ 39	\$ 2,424	\$ 6,208	\$ 121,456	\$ 109,684	\$ 11,772
20	Non-Grandfathered T42 High Annual-High Winter	\$ 103,666	\$ 174,353	\$ 220,370	\$ 191,116	\$ 151,404	\$ 80,208	\$ 22,233	\$ 523	\$ 2,710	\$ 378	\$ 10,583	\$ 52,426	\$ 1,009,970	\$ 921,116	\$ 88,853
21	Non-Grandfathered Special Contracts	\$ 16,670	\$ 39,925	\$ 26,177	\$ 89,947	\$ 7,124	\$ 65,675	\$ 48,035	\$ 61,606	\$ 8,221	\$ 1,145	\$ 34,184	\$ 17,642	\$ 416,350	\$ 245,517	\$ 170,833
22	TOTAL	\$ 3,256,284	\$ 5,473,599	\$ 6,882,640	\$ 6,094,875	\$ 4,726,226	\$ 2,597,037	\$ 769,933	\$ 125,932	\$ 92,272	\$ 12,853	\$ 414,566	\$ 1,660,231	\$ 32,106,450	\$ 29,030,660	\$ 3,075,789
23																
24																
25	Residential	\$ 1,258,692	\$ 2,098,649	\$ 2,647,822	\$ 2,309,935	\$ 1,823,817	\$ 977,773	\$ 280,847	\$ 27,234	\$ 28,021	\$ 3,903	\$ 145,665	\$ 637,324	\$ 12,239,682	\$ 11,116,688	\$ 1,122,994
26	SALES HLF CLASSES	\$ 79,883	\$ 160,702	\$ 203,649	\$ 209,630	\$ 136,650	\$ 77,325	\$ 11,842	\$ -	\$ 18,316	\$ 2,551	\$ 13,828	\$ 29,857	\$ 944,232	\$ 867,838	\$ 76,394
27	SALES LLF CLASSES	\$ 1,401,861	\$ 2,346,369	\$ 2,960,263	\$ 2,565,525	\$ 2,039,119	\$ 1,088,083	\$ 316,751	\$ 24,056	\$ 31,726	\$ 4,419	\$ 159,524	\$ 720,390	\$ 13,658,088	\$ 12,401,222	\$ 1,256,866
28	Non-Grandfathered HLF CLASSES	\$ 80,911	\$ 141,267	\$ 154,176	\$ 212,822	\$ 95,169	\$ 116,118	\$ 62,187	\$ 65,489	\$ 8,995	\$ 1,253	\$ 45,173	\$ 49,351	\$ 1,032,911	\$ 800,464	\$ 232,447
29	Non-Grandfathered LLF CLASSES	\$ 434,937	\$ 726,613	\$ 916,730	\$ 796,963	\$ 631,470	\$ 337,738	\$ 98,307	\$ 9,152	\$ 5,216	\$ 727	\$ 50,377	\$ 223,309	\$ 4,231,537	\$ 3,844,449	\$ 387,088
30																
31																
32	REMAINING PIPELINE DEMAND															
33																
34																
35																
36	MONTHLY PR DEMAND %	7.511%	15.953%	31.006%	20.314%	13.747%	5.929%	1.366%	0.179%	0.121%	0.000%	0.700%	3.174%	100.000%	94.460%	5.540%
37																
38	Res Heat	\$ 179,780	\$ 381,861	\$ 742,175	\$ 486,236	\$ 329,053	\$ 141,911	\$ 32,700	\$ 4,279	\$ 2,896	\$ 8	\$ 16,754	\$ 75,972	\$ 2,393,624	\$ 2,261,015	\$ 132,608
39	Res General	\$ 1,312	\$ 2,786	\$ 5,416	\$ 3,548	\$ 2,401	\$ 1,036	\$ 239	\$ 31	\$ 21	\$ 0	\$ 122	\$ 554	\$ 17,466	\$ 16,499	\$ 968
40	G50 Low Annual-Low Winter	\$ 4,987	\$ 10,592	\$ 20,587	\$ 13,488	\$ 9,128	\$ 3,936	\$ 907	\$ 119	\$ 80	\$ 0	\$ 465	\$ 2,107	\$ 66,397	\$ 62,718	\$ 3,678
41	G40 Low Annual-High Winter	\$ 103,871	\$ 220,628	\$ 428,805	\$ 280,932	\$ 190,117	\$ 81,992	\$ 18,893	\$ 2,472	\$ 1,673	\$ 5	\$ 9,680	\$ 43,894	\$ 1,382,961	\$ 1,306,344	\$ 76,617
42	G51 Med Annual-Low Winter	\$ 13,829	\$ 29,372	\$ 57,088	\$ 37,401	\$ 25,311	\$ 10,916	\$ 2,515	\$ 329	\$ 223	\$ 1	\$ 1,289	\$ 5,844	\$ 184,116	\$ 173,916	\$ 10,200
43	G41 Med Annual-High Winter	\$ 85,110	\$ 180,777	\$ 351,353	\$ 230,189	\$ 155,777	\$ 67,182	\$ 15,480	\$ 2,026	\$ 1,371	\$ 4	\$ 7,931	\$ 35,966	\$ 1,133,167	\$ 1,070,389	\$ 62,778
44	G52 High Annual-Low Winter	\$ 1,159	\$ 2,462	\$ 4,785	\$ 3,135	\$ 2,122	\$ 915	\$ 211	\$ 28	\$ 19	\$ 0	\$ 108	\$ 490	\$ 15,433	\$ 14,578	\$ 855
45	G42 High Annual-High Winter	\$ 11,268	\$ 23,933	\$ 46,516	\$ 30,475	\$ 20,623	\$ 8,894	\$ 2,049	\$ 268	\$ 182	\$ 1	\$ 1,050	\$ 4,762	\$ 150,020	\$ 141,709	\$ 8,311
46	Non-Grandfathered T50 Low Annual-Low Winter	\$ 1,492	\$ 3,168	\$ 6,158	\$ 4,034	\$ 2,730	\$ 1,177	\$ 271	\$ 36	\$ 24	\$ 0	\$ 139	\$ 630	\$ 19,859	\$ 18,759	\$ 1,100
47	Non-Grandfathered T40 Low Annual-High Winter	\$ 6,245	\$ 13,264	\$ 25,780	\$ 16,890	\$ 11,430	\$ 4,929	\$ 1,136	\$ 149	\$ 101	\$ 0	\$ 582	\$ 2,639	\$ 83,145	\$ 78,539	\$ 4,606
48	Non-Grandfathered T51 Med Annual-Low Winter	\$ 4,529	\$ 9,619	\$ 18,695	\$ 12,248	\$ 8,289	\$ 3,575	\$ 824	\$ 108	\$ 73	\$ 0	\$ 422	\$ 1,914	\$ 60,295	\$ 56,955	\$ 3,340
49	Non-Grandfathered T41 Med Annual-High Winter	\$ 31,691	\$ 67,314	\$ 130,830	\$ 85,713	\$ 58,005	\$ 25,016	\$ 5,764	\$ 754	\$ 510	\$ 1	\$ 2,953	\$ 13,392	\$ 421,947	\$ 398,571	\$ 23,376
50	Non-Grandfathered T52 High Annual-Low Winter	\$ 1,510	\$ 3,206	\$ 6,232	\$ 4,083	\$ 2,763	\$ 1,192	\$ 275	\$ 36	\$ 24	\$ 0	\$ 141	\$ 638	\$ 20,098	\$ 18,985	\$ 1,113
51	Non-Grandfathered T42 High Annual-High Winter	\$ 11,987	\$ 25,460	\$ 49,483	\$ 32,419	\$ 21,939	\$ 9,462	\$ 2,180	\$ 285	\$ 193	\$ 1	\$ 1,117	\$ 5,065	\$ 159,591	\$ 150,749	\$ 8,841
52	Non-Grandfathered Special Contracts	\$ 3,109	\$ 6,604	\$ 12,834	\$ 8,409	\$ 5,690	\$ 2,454	\$ 565	\$ 74	\$ 50	\$ 0	\$ 290	\$ 1,314	\$ 41,393	\$ 39,100	\$ 2,293
53	TOTAL	\$ 461,876	\$ 981,049	\$ 1,906,737	\$ 1,249,200	\$ 845,377	\$ 364,586	\$ 84,009	\$ 10,994	\$ 7,440	\$ 21	\$ 43,043	\$ 195,181	\$ 6,149,512	\$ 5,808,825	\$ 340,687
54																
55	Residential	\$ 181,091	\$ 384,648	\$ 747,590	\$ 489,784	\$ 331,454	\$ 142,946	\$ 32,938	\$ 4,311	\$ 2,917	\$ 8	\$ 16,876	\$ 76,526	\$ 2,411,090	\$ 2,277,514	\$ 133,576
56	SALES HLF CLASSES	\$ 19,975	\$ 42,427	\$ 82,460	\$ 54,024	\$ 36,560	\$ 15,767	\$ 3,633	\$ 475	\$ 322	\$ 1	\$ 1,861	\$ 8,441	\$ 265,945	\$ 251,211	\$ 14,734
57	SALES LLF CLASSES	\$ 200,248	\$ 425,338	\$ 826,674	\$ 541,596	\$ 366,517	\$ 158,068	\$ 36,423	\$ 4,767	\$ 3,226	\$ 9	\$ 18,661	\$ 84,621	\$ 2,666,149	\$ 2,518,442	\$ 147,706
58	Non-Grandfathered HLF CLASSES	\$ 10,639	\$ 22,597	\$ 43,919	\$ 28,774	\$ 19,472	\$ 8,398	\$ 1,935	\$ 253	\$ 171	\$ 0	\$ 991	\$ 4,496	\$ 141,646	\$ 133,799	\$ 7,847
59	Non-Grandfathered LLF CLASSES	\$ 49,923	\$ 106,039	\$ 206,094	\$ 135,022	\$ 91,374	\$ 39,407	\$ 9,080	\$ 1,188	\$ 804	\$ 2	\$ 4,652	\$ 21,096	\$ 664,683	\$ 627,859	\$ 36,824

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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER	
2																
3																
4																
5	MONTHLY PR DEMAND %	7.511%	15.953%	31.006%	20.314%	13.747%	5.929%	1.366%	0.179%	0.121%	0.000%	0.700%	3.174%	100.000%	94.460%	5.540%
6																
7	Res Heat	\$ 246,458	\$ 523,489	\$ 1,017,439	\$ 666,575	\$ 451,095	\$ 194,544	\$ 44,827	\$ 5,867	\$ 3,970	\$ 11	\$ 22,968	\$ 104,149	\$ 3,281,391	\$ 3,099,600	\$ 181,791
8	Res General	\$ 1,798	\$ 3,820	\$ 7,424	\$ 4,864	\$ 3,292	\$ 1,420	\$ 327	\$ 43	\$ 29	\$ 0	\$ 168	\$ 760	\$ 23,945	\$ 22,618	\$ 1,327
9	G50 Low Annual-Low Winter	\$ 6,836	\$ 14,521	\$ 28,223	\$ 18,490	\$ 12,513	\$ 5,396	\$ 1,243	\$ 163	\$ 110	\$ 0	\$ 637	\$ 2,889	\$ 91,022	\$ 85,980	\$ 5,043
11	G40 Low Annual-High Winter	\$ 142,396	\$ 302,456	\$ 587,844	\$ 385,127	\$ 260,629	\$ 112,401	\$ 25,900	\$ 3,390	\$ 2,294	\$ 6	\$ 13,270	\$ 60,174	\$ 1,895,886	\$ 1,790,852	\$ 105,033
12	G51 Med Annual-Low Winter	\$ 18,957	\$ 40,266	\$ 78,261	\$ 51,272	\$ 34,698	\$ 14,964	\$ 3,448	\$ 451	\$ 305	\$ 1	\$ 1,767	\$ 8,011	\$ 252,402	\$ 238,419	\$ 13,983
13	G41 Med Annual-High Winter	\$ 116,676	\$ 247,825	\$ 481,666	\$ 315,564	\$ 213,553	\$ 92,099	\$ 21,222	\$ 2,777	\$ 1,879	\$ 5	\$ 10,873	\$ 49,305	\$ 1,553,446	\$ 1,467,384	\$ 86,062
14	G52 High Annual-Low Winter	\$ 1,589	\$ 3,375	\$ 6,560	\$ 4,298	\$ 2,908	\$ 1,254	\$ 289	\$ 38	\$ 26	\$ 0	\$ 148	\$ 671	\$ 21,157	\$ 19,984	\$ 1,172
15	G42 High Annual-High Winter	\$ 15,447	\$ 32,810	\$ 63,768	\$ 41,778	\$ 28,272	\$ 12,193	\$ 2,810	\$ 368	\$ 249	\$ 1	\$ 1,439	\$ 6,528	\$ 205,661	\$ 194,267	\$ 11,394
16	Non-Grandfathered T50 Low Annual-Low Winter	\$ 2,045	\$ 4,343	\$ 8,441	\$ 5,530	\$ 3,743	\$ 1,614	\$ 372	\$ 49	\$ 33	\$ 0	\$ 191	\$ 864	\$ 27,225	\$ 25,716	\$ 1,508
17	Non-Grandfathered T40 Low Annual-High Winter	\$ 8,561	\$ 18,184	\$ 35,342	\$ 23,154	\$ 15,669	\$ 6,758	\$ 1,557	\$ 204	\$ 138	\$ 0	\$ 798	\$ 3,618	\$ 113,983	\$ 107,668	\$ 6,315
18	Non-Grandfathered T51 Med Annual-Low Winter	\$ 6,208	\$ 13,187	\$ 25,629	\$ 16,781	\$ 11,363	\$ 4,901	\$ 1,129	\$ 148	\$ 100	\$ 0	\$ 579	\$ 2,623	\$ 82,658	\$ 78,079	\$ 4,571
19	Non-Grandfathered T41 Med Annual-High Winter	\$ 43,445	\$ 92,280	\$ 179,354	\$ 117,504	\$ 79,519	\$ 34,294	\$ 7,902	\$ 1,034	\$ 700	\$ 2	\$ 4,049	\$ 18,359	\$ 578,442	\$ 546,396	\$ 32,046
20	Non-Grandfathered T52 High Annual-Low Winter	\$ 2,069	\$ 4,396	\$ 8,543	\$ 5,597	\$ 3,788	\$ 1,634	\$ 376	\$ 49	\$ 33	\$ 0	\$ 193	\$ 874	\$ 27,553	\$ 26,026	\$ 1,526
21	Non-Grandfathered T42 High Annual-High Winter	\$ 16,432	\$ 34,903	\$ 67,836	\$ 44,443	\$ 30,076	\$ 12,971	\$ 2,989	\$ 391	\$ 265	\$ 1	\$ 1,531	\$ 6,944	\$ 218,741	\$ 206,661	\$ 12,121
22	Non-Grandfathered Special Contracts	\$ 4,262	\$ 9,053	\$ 17,595	\$ 11,527	\$ 7,801	\$ 3,364	\$ 775	\$ 101	\$ 69	\$ 0	\$ 397	\$ 1,801	\$ 56,745	\$ 53,602	\$ 3,144
23	TOTAL	\$ 633,180	\$ 1,344,908	\$ 2,613,924	\$ 1,712,514	\$ 1,168,918	\$ 499,807	\$ 115,167	\$ 15,072	\$ 10,200	\$ 28	\$ 59,006	\$ 267,571	\$ 8,430,296	\$ 7,963,252	\$ 467,044
24																
25	Residential	\$ 248,256	\$ 527,309	\$ 1,024,863	\$ 671,440	\$ 454,387	\$ 195,963	\$ 45,155	\$ 5,909	\$ 3,999	\$ 11	\$ 23,135	\$ 104,909	\$ 3,305,336	\$ 3,122,218	\$ 183,118
26	SALES HLF CLASSES	\$ 27,383	\$ 58,163	\$ 113,043	\$ 74,060	\$ 50,119	\$ 21,615	\$ 4,981	\$ 652	\$ 441	\$ 1	\$ 2,552	\$ 11,571	\$ 364,581	\$ 344,383	\$ 20,198
27	SALES LLF CLASSES	\$ 274,518	\$ 583,091	\$ 1,133,279	\$ 742,468	\$ 502,454	\$ 216,693	\$ 49,931	\$ 6,534	\$ 4,422	\$ 12	\$ 25,583	\$ 116,006	\$ 3,654,992	\$ 3,452,503	\$ 202,489
28	Non-Grandfathered HLF CLASSES	\$ 14,584	\$ 30,978	\$ 60,208	\$ 39,445	\$ 26,694	\$ 11,512	\$ 2,653	\$ 347	\$ 235	\$ 1	\$ 1,359	\$ 6,163	\$ 194,181	\$ 183,423	\$ 10,758
29	Non-Grandfathered LLF CLASSES	\$ 68,439	\$ 145,367	\$ 282,531	\$ 185,101	\$ 125,264	\$ 54,023	\$ 12,448	\$ 1,629	\$ 1,102	\$ 3	\$ 6,378	\$ 28,921	\$ 911,206	\$ 860,725	\$ 50,481

30 REMAINING CAPACITY RELEASE COSTS BY CLASS

	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
31															
32															
33															
34	MONTHLY DEMAND %	8.434%	16.877%	31.930%	21.237%	14.670%	6.852%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	100.000%	0.000%
35															
36	Res Heat	\$ (15,708)	\$ (31,432)	\$ (59,467)	\$ (39,553)	\$ (27,323)	\$ (12,761)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (186,244)	\$ (186,244)	\$ -
37	Res General	\$ (115)	\$ (229)	\$ (434)	\$ (289)	\$ (199)	\$ (93)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,359)	\$ (1,359)	\$ -
38	G50 Low Annual-Low Winter	\$ (436)	\$ (872)	\$ (1,650)	\$ (1,097)	\$ (758)	\$ (354)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,166)	\$ (5,166)	\$ -
39	G40 Low Annual-High Winter	\$ (9,076)	\$ (18,160)	\$ (34,358)	\$ (22,852)	\$ (15,786)	\$ (7,373)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (107,606)	\$ (107,606)	\$ -
40	G51 Med Annual-Low Winter	\$ (1,208)	\$ (2,418)	\$ (4,574)	\$ (3,042)	\$ (2,102)	\$ (982)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (14,326)	\$ (14,326)	\$ -
41	G41 Med Annual-High Winter	\$ (7,435)	\$ (14,880)	\$ (28,152)	\$ (18,725)	\$ (12,935)	\$ (6,041)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (88,170)	\$ (88,170)	\$ -
42	G52 High Annual-Low Winter	\$ (101)	\$ (203)	\$ (383)	\$ (255)	\$ (176)	\$ (82)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,201)	\$ (1,201)	\$ -
43	G42 High Annual-High Winter	\$ (984)	\$ (1,970)	\$ (3,727)	\$ (2,479)	\$ (1,712)	\$ (800)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (11,673)	\$ (11,673)	\$ -
44	Non-Grandfathered T50 Low Annual-Low Winter	\$ (130)	\$ (261)	\$ (493)	\$ (328)	\$ (227)	\$ (106)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,545)	\$ (1,545)	\$ -
45	Non-Grandfathered T40 Low Annual-High Winter	\$ (546)	\$ (1,092)	\$ (2,066)	\$ (1,374)	\$ (949)	\$ (443)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (6,469)	\$ (6,469)	\$ -
46	Non-Grandfathered T51 Med Annual-Low Winter	\$ (396)	\$ (792)	\$ (1,498)	\$ (996)	\$ (688)	\$ (321)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,691)	\$ (4,691)	\$ -
47	Non-Grandfathered T41 Med Annual-High Winter	\$ (2,769)	\$ (5,541)	\$ (10,483)	\$ (6,972)	\$ (4,816)	\$ (2,250)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (32,831)	\$ (32,831)	\$ -
48	Non-Grandfathered T52 High Annual-Low Winter	\$ (132)	\$ (264)	\$ (499)	\$ (332)	\$ (229)	\$ (107)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,564)	\$ (1,564)	\$ -
49	Non-Grandfathered T42 High Annual-High Winter	\$ (1,047)	\$ (2,096)	\$ (3,965)	\$ (2,637)	\$ (1,822)	\$ (851)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (12,417)	\$ (12,417)	\$ -
50	Non-Grandfathered Special Contracts	\$ (272)	\$ (544)	\$ (1,028)	\$ (684)	\$ (472)	\$ (221)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,221)	\$ (3,221)	\$ -
51	TOTAL	\$ (40,356)	\$ (80,752)	\$ (152,778)	\$ (101,616)	\$ (70,195)	\$ (32,786)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (478,482)	\$ (478,482)	\$ -
52															
53	Residential	\$ (15,823)	\$ (31,661)	\$ (59,901)	\$ (39,841)	\$ (27,522)	\$ (12,855)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (187,603)	\$ (187,603)	\$ -
54	SALES HLF CLASSES	\$ (1,745)	\$ (3,492)	\$ (6,807)	\$ (4,395)	\$ (3,036)	\$ (1,418)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (20,693)	\$ (20,693)	\$ -
55	SALES LLF CLASSES	\$ (17,496)	\$ (35,010)	\$ (66,237)	\$ (44,056)	\$ (30,433)	\$ (14,214)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (207,448)	\$ (207,448)	\$ -
56	Non-Grandfathered HLF CLASSES	\$ (930)	\$ (1,860)	\$ (3,519)	\$ (2,341)	\$ (1,617)	\$ (755)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (11,021)	\$ (11,021)	\$ -
57	Non-Grandfathered LLF CLASSES	\$ (4,362)	\$ (8,728)	\$ (16,513)	\$ (10,983)	\$ (7,587)	\$ (3,544)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (51,718)	\$ (51,718)	\$ -

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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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
2															
3															
4															
5 MONTHLY P&S Total	8.434%	16.877%	31.930%	21.237%	14.670%	6.852%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	100.000%	0.000%
6															
7 Res Heat	\$ (782)	\$ (1,565)	\$ (2,962)	\$ (1,970)	\$ (1,361)	\$ (636)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (9,275)	\$ (9,275)	\$ -
8 Res General	\$ (6)	\$ (11)	\$ (22)	\$ (14)	\$ (10)	\$ (5)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (68)	\$ (68)	\$ -
9 G50 Low Annual-Low Winter	\$ (22)	\$ (43)	\$ (82)	\$ (55)	\$ (38)	\$ (18)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (257)	\$ (257)	\$ -
10 G40 Low Annual-High Winter	\$ (452)	\$ (904)	\$ (1,711)	\$ (1,138)	\$ (786)	\$ (367)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,359)	\$ (5,359)	\$ -
11 G51 Med Annual-Low Winter	\$ (60)	\$ (120)	\$ (228)	\$ (152)	\$ (105)	\$ (49)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (713)	\$ (713)	\$ -
12 G41 Med Annual-High Winter	\$ (370)	\$ (741)	\$ (1,402)	\$ (933)	\$ (644)	\$ (301)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,391)	\$ (4,391)	\$ -
13 G52 High Annual-Low Winter	\$ (5)	\$ (10)	\$ (19)	\$ (13)	\$ (9)	\$ (4)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (60)	\$ (60)	\$ -
14 G42 High Annual-High Winter	\$ (49)	\$ (98)	\$ (186)	\$ (123)	\$ (85)	\$ (40)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (581)	\$ (581)	\$ -
15 Non-Grandfathered T50 Low Annual-Low Winter	\$ (6)	\$ (13)	\$ (25)	\$ (16)	\$ (11)	\$ (5)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (77)	\$ (77)	\$ -
16 Non-Grandfathered T40 Low Annual-High Winter	\$ (27)	\$ (54)	\$ (103)	\$ (68)	\$ (47)	\$ (22)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (322)	\$ (322)	\$ -
17 Non-Grandfathered T51 Med Annual-Low Winter	\$ (20)	\$ (39)	\$ (75)	\$ (50)	\$ (34)	\$ (16)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (234)	\$ (234)	\$ -
18 Non-Grandfathered T41 Med Annual-High Winter	\$ (136)	\$ (276)	\$ (522)	\$ (347)	\$ (240)	\$ (112)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,635)	\$ (1,635)	\$ -
19 Non-Grandfathered T52 High Annual-Low Winter	\$ (7)	\$ (13)	\$ (25)	\$ (17)	\$ (11)	\$ (5)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (78)	\$ (78)	\$ -
20 Non-Grandfathered T42 High Annual-High Winter	\$ (52)	\$ (104)	\$ (197)	\$ (131)	\$ (91)	\$ (42)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (618)	\$ (618)	\$ -
21 Non-Grandfathered Special Contracts	\$ (14)	\$ (27)	\$ (51)	\$ (34)	\$ (24)	\$ (11)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (160)	\$ (160)	\$ -
22 TOTAL	\$ (2,010)	\$ (4,022)	\$ (7,609)	\$ (5,061)	\$ (3,496)	\$ (1,633)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (23,829)	\$ (23,829)	\$ -
23															
24 SALES HLF CLASSES	\$ (93)	\$ (185)	\$ (351)	\$ (233)	\$ (161)	\$ (75)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,098)	\$ (1,098)	\$ -
25 SALES LLF CLASSES	\$ (1,654)	\$ (3,309)	\$ (6,260)	\$ (4,164)	\$ (2,876)	\$ (1,343)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (19,606)	\$ (19,606)	\$ -
26 Non-Grandfathered HLF CLASSES	\$ (46)	\$ (93)	\$ (175)	\$ (117)	\$ (81)	\$ (38)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (549)	\$ (549)	\$ -
27 Non-Grandfathered LLF CLASSES	\$ (217)	\$ (435)	\$ (822)	\$ (547)	\$ (378)	\$ (176)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,576)	\$ (2,576)	\$ -

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30 REMAINING OFF SYSTEM REVENUES

	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
31															
32															
33															
34 MONTHLY DEMAND %	8.434%	16.877%	31.930%	21.237%	14.670%	6.852%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	100.000%	0.000%
35															
36 Res Heat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37 Res General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38 G50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39 G40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40 G51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41 G41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42 G52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43 G42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44 Non-Grandfathered T50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
45 Non-Grandfathered T40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Non-Grandfathered T51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
47 Non-Grandfathered T41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
48 Non-Grandfathered T52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
49 Non-Grandfathered T42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50 Non-Grandfathered Special Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
51 TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
52															
53 Residential	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
54 SALES HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
55 SALES LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56 Non-Grandfathered HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
57 Non-Grandfathered LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
1 MONTHLY DEMAND %	8.434%	16.877%	31.930%	21.237%	14.670%	6.852%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	100.000%	100.000%	0.000%
2															
3 Res Heat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Res General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 G50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 G40 Low Annual-High 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															
20 Residential	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21 SALES HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22 SALES LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23 Non-Grandfathered HLF 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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
26															
27															
28															
29 MONTHLY PR DEMAND %	7.511%	15.953%	31.006%	20.314%	13.747%	5.929%	1.366%	0.179%	0.121%	0.000%	0.700%	3.174%	100.000%	94.460%	5.540%
30															
31 Res Heat	\$ 409,747	\$ 872,354	\$ 1,697,185	\$ 1,111,289	\$ 751,465	\$ 323,057	\$ 77,527	\$ 10,146	\$ 6,866	\$ 19	\$ 39,721	\$ 180,120	\$ 5,479,496	\$ 5,165,097	\$ 314,400
32 Res General	\$ 2,990	\$ 6,366	\$ 12,384	\$ 8,109	\$ 5,483	\$ 2,357	\$ 566	\$ 74	\$ 50	\$ 0	\$ 290	\$ 1,314	\$ 39,984	\$ 37,690	\$ 2,294
33 G50 Low Annual-Low Winter	\$ 11,366	\$ 24,198	\$ 47,078	\$ 30,826	\$ 20,845	\$ 8,961	\$ 2,151	\$ 281	\$ 190	\$ 1	\$ 1,102	\$ 4,996	\$ 151,995	\$ 143,274	\$ 8,721
34 G40 Low Annual-High Winter	\$ 236,739	\$ 504,019	\$ 980,581	\$ 642,068	\$ 434,173	\$ 186,653	\$ 44,793	\$ 5,862	\$ 3,967	\$ 11	\$ 22,950	\$ 104,068	\$ 3,165,883	\$ 2,984,232	\$ 181,650
35 G51 Med Annual-Low Winter	\$ 31,517	\$ 67,101	\$ 130,546	\$ 85,479	\$ 57,802	\$ 24,849	\$ 5,963	\$ 780	\$ 528	\$ 1	\$ 3,055	\$ 13,855	\$ 421,479	\$ 397,295	\$ 24,183
36 G41 Med Annual-High Winter	\$ 193,979	\$ 412,982	\$ 803,465	\$ 526,096	\$ 355,751	\$ 152,939	\$ 36,702	\$ 4,803	\$ 3,250	\$ 9	\$ 18,805	\$ 85,271	\$ 2,594,052	\$ 2,445,212	\$ 148,840
37 G52 High Annual-Low Winter	\$ 2,642	\$ 5,624	\$ 10,942	\$ 7,165	\$ 4,845	\$ 2,083	\$ 500	\$ 65	\$ 44	\$ 0	\$ 256	\$ 1,161	\$ 35,329	\$ 33,302	\$ 2,027
38 G42 High Annual-High Winter	\$ 25,681	\$ 54,675	\$ 106,371	\$ 69,650	\$ 47,098	\$ 20,248	\$ 4,859	\$ 636	\$ 430	\$ 1	\$ 2,490	\$ 11,289	\$ 343,427	\$ 323,722	\$ 19,705
39 Non-Grandfathered T50 Low Annual-Low Winter	\$ 3,400	\$ 7,238	\$ 14,081	\$ 9,220	\$ 6,235	\$ 2,680	\$ 643	\$ 84	\$ 57	\$ 0	\$ 330	\$ 1,494	\$ 45,462	\$ 42,853	\$ 2,608
40 Non-Grandfathered T40 Low Annual-High Winter	\$ 14,233	\$ 30,302	\$ 58,954	\$ 38,602	\$ 26,103	\$ 11,222	\$ 2,693	\$ 352	\$ 238	\$ 1	\$ 1,380	\$ 6,257	\$ 190,336	\$ 179,415	\$ 10,921
41 Non-Grandfathered T51 Med Annual-Low Winter	\$ 10,321	\$ 21,975	\$ 42,752	\$ 27,993	\$ 18,929	\$ 8,138	\$ 1,953	\$ 256	\$ 173	\$ 0	\$ 1,001	\$ 4,537	\$ 138,028	\$ 130,108	\$ 7,920
42 Non-Grandfathered T41 Med Annual-High Winter	\$ 72,230	\$ 153,778	\$ 299,179	\$ 195,897	\$ 132,468	\$ 56,948	\$ 13,666	\$ 1,789	\$ 1,210	\$ 3	\$ 7,002	\$ 31,752	\$ 965,923	\$ 910,501	\$ 55,422
43 Non-Grandfathered T52 High Annual-Low Winter	\$ 3,440	\$ 7,325	\$ 14,251	\$ 9,331	\$ 6,310	\$ 2,713	\$ 651	\$ 85	\$ 58	\$ 0	\$ 334	\$ 1,512	\$ 46,009	\$ 43,369	\$ 2,640
44 Non-Grandfathered T42 High Annual-High Winter	\$ 27,319	\$ 58,163	\$ 113,157	\$ 74,093	\$ 50,103	\$ 21,539	\$ 5,169	\$ 676	\$ 458	\$ 1	\$ 2,648	\$ 12,009	\$ 365,336	\$ 344,374	\$ 20,962
45 Non-Grandfathered Special Contracts	\$ 7,086	\$ 15,086	\$ 29,350	\$ 19,218	\$ 12,995	\$ 5,587	\$ 1,341	\$ 175	\$ 119	\$ 0	\$ 687	\$ 3,115	\$ 94,757	\$ 89,320	\$ 5,437
46 TOTAL	\$ 1,052,691	\$ 2,241,184	\$ 4,360,275	\$ 2,855,037	\$ 1,930,604	\$ 829,974	\$ 199,176	\$ 26,066	\$ 17,640	\$ 49	\$ 102,049	\$ 462,751	\$ 14,077,497	\$ 13,269,765	\$ 807,731
47															
48 Residential	\$ 412,737	\$ 878,719	\$ 1,709,569	\$ 1,119,398	\$ 756,948	\$ 325,415	\$ 78,093	\$ 10,220	\$ 6,916	\$ 19	\$ 40,011	\$ 181,435	\$ 5,519,481	\$ 5,202,787	\$ 316,694
49 SALES HLF CLASSES	\$ 45,525	\$ 96,923	\$ 188,567	\$ 123,470	\$ 83,492	\$ 35,893	\$ 8,614	\$ 1,127	\$ 763	\$ 2	\$ 4,413	\$ 20,012	\$ 608,803	\$ 573,871	\$ 34,932
50 SALES LLF CLASSES	\$ 456,399	\$ 971,675	\$ 1,890,417	\$ 1,237,814	\$ 837,022	\$ 359,839	\$ 86,354	\$ 11,301	\$ 7,648	\$ 21	\$ 44,244	\$ 200,628	\$ 6,103,361	\$ 5,753,166	\$ 350,196
51 Non-Grandfathered HLF CLASSES	\$ 24,247	\$ 51,623	\$ 100,433	\$ 65,762	\$ 44,469	\$ 19,117	\$ 4,588	\$ 600	\$ 406	\$ 1	\$ 2,351	\$ 10,659	\$ 324,256	\$ 305,651	\$ 18,605
52 Non-Grandfathered LLF CLASSES	\$ 113,782	\$ 242,243	\$ 471,289	\$ 308,593	\$ 208,673	\$ 89,709	\$ 21,528	\$ 2,817	\$ 1,907	\$ 5	\$ 11,030	\$ 50,017	\$ 1,521,595	\$ 1,434,290	\$ 87,305
53															
54															



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-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER	
1 Res Heat	\$ 1,660,398	\$ 2,958,583	\$ 4,329,329	\$ 3,405,742	\$ 2,564,483	\$ 1,294,482	\$ 356,659	\$ 36,579	\$ 34,366	\$ 3,850	\$ 183,915	\$ 816,277	\$ 17,644,661	\$ 16,213,016	\$ 1,431,645	
2 Res General	\$ 11,031	\$ 18,786	\$ 28,063	\$ 23,591	\$ 16,282	\$ 8,706	\$ 2,281	\$ 876	\$ 571	\$ 73	\$ 1,761	\$ 2,482	\$ 114,502	\$ 106,458	\$ 8,044	
3 G50 Low Annual-Low Winter	\$ 16,378	\$ 59,374	\$ 91,728	\$ 84,436	\$ 51,337	\$ 29,412	\$ 7,184	\$ 281	\$ 3,359	\$ 442	\$ 8,320	\$ 4,996	\$ 357,248	\$ 332,665	\$ 24,583	
4 G40 Low Annual-High Winter	\$ 968,427	\$ 1,727,055	\$ 2,522,298	\$ 1,975,702	\$ 1,497,436	\$ 755,297	\$ 213,992	\$ 23,364	\$ 15,962	\$ 1,682	\$ 109,447	\$ 482,974	\$ 10,293,636	\$ 9,446,215	\$ 847,421	
5 G51 Med Annual-Low Winter	\$ 106,388	\$ 190,407	\$ 289,545	\$ 241,499	\$ 163,960	\$ 81,724	\$ 12,771	\$ 780	\$ 14,786	\$ 1,988	\$ 7,112	\$ 43,712	\$ 1,154,672	\$ 1,073,523	\$ 81,149	
6 G41 Med Annual-High Winter	\$ 785,368	\$ 1,405,083	\$ 2,056,565	\$ 1,613,969	\$ 1,217,527	\$ 611,117	\$ 166,090	\$ 11,357	\$ 18,987	\$ 2,201	\$ 82,265	\$ 386,075	\$ 8,356,606	\$ 7,689,630	\$ 666,976	
7 G52 High Annual-Low Winter	\$ 2,642	\$ 7,844	\$ 10,942	\$ 7,165	\$ 4,845	\$ 2,083	\$ 500	\$ 65	\$ 934	\$ 124	\$ 2,809	\$ 1,161	\$ 41,114	\$ 35,521	\$ 5,594	
8 G42 High Annual-High Winter	\$ 104,465	\$ 185,906	\$ 271,817	\$ 213,669	\$ 161,178	\$ 81,508	\$ 23,022	\$ 636	\$ 4,425	\$ 558	\$ 12,056	\$ 51,968	\$ 1,111,208	\$ 1,018,543	\$ 92,665	
9 Non-Grandfathered T50 Low Annual-Low Winter	\$ 16,303	\$ 28,379	\$ 40,756	\$ 33,129	\$ 24,615	\$ 12,748	\$ 3,578	\$ 419	\$ 346	\$ 40	\$ 2,084	\$ 8,073	\$ 170,470	\$ 155,929	\$ 14,540	
10 Non-Grandfathered T40 Low Annual-High Winter	\$ 68,560	\$ 121,118	\$ 173,560	\$ 138,234	\$ 105,024	\$ 53,390	\$ 14,893	\$ 1,402	\$ 754	\$ 73	\$ 7,594	\$ 34,093	\$ 718,694	\$ 659,884	\$ 58,809	
11 Non-Grandfathered T51 Med Annual-Low Winter	\$ 48,867	\$ 82,410	\$ 119,088	\$ 102,083	\$ 71,422	\$ 38,425	\$ 10,403	\$ 3,750	\$ 378	\$ 29	\$ 7,811	\$ 23,460	\$ 508,126	\$ 462,295	\$ 45,831	
12 Non-Grandfathered T41 Med Annual-High Winter	\$ 349,174	\$ 615,222	\$ 880,932	\$ 702,113	\$ 533,613	\$ 272,310	\$ 77,540	\$ 9,368	\$ 3,200	\$ 280	\$ 40,581	\$ 174,799	\$ 3,659,133	\$ 3,353,365	\$ 305,768	
13 Non-Grandfathered T52 High Annual-Low Winter	\$ 16,233	\$ 27,091	\$ 39,238	\$ 34,208	\$ 23,483	\$ 12,800	\$ 3,418	\$ 139	\$ 337	\$ 39	\$ 2,758	\$ 7,720	\$ 167,465	\$ 153,053	\$ 14,412	
14 Non-Grandfathered T42 High Annual-High Winter	\$ 130,985	\$ 232,516	\$ 333,527	\$ 265,209	\$ 201,507	\$ 101,748	\$ 27,402	\$ 1,199	\$ 3,168	\$ 379	\$ 13,231	\$ 64,436	\$ 1,375,306	\$ 1,265,491	\$ 109,815	
15 Non-Grandfathered Special Contracts	\$ 23,755	\$ 55,010	\$ 55,527	\$ 109,164	\$ 71,262	\$ 20,119	\$ 17,262	\$ 49,376	\$ 61,781	\$ 8,340	\$ 1,145	\$ 34,871	\$ 20,757	\$ 511,107	\$ 334,838	\$ 176,270
16 TOTAL	\$ 4,308,974	\$ 7,714,793	\$ 11,242,915	\$ 8,949,912	\$ 6,656,830	\$ 3,427,011	\$ 969,110	\$ 151,998	\$ 109,912	\$ 12,902	\$ 516,615	\$ 2,122,982	\$ 46,183,946	\$ 42,300,426	\$ 3,883,521	
17																
18 Residential	\$ 1,671,429	\$ 2,977,368	\$ 4,357,391	\$ 3,429,333	\$ 2,580,765	\$ 1,303,188	\$ 358,940	\$ 37,454	\$ 34,937	\$ 3,922	\$ 185,676	\$ 818,759	\$ 17,759,163	\$ 16,319,474	\$ 1,439,688	
19 SALES HLF CLASSES	\$ 125,408	\$ 257,625	\$ 392,215	\$ 333,101	\$ 220,141	\$ 113,219	\$ 20,455	\$ 1,127	\$ 19,078	\$ 2,553	\$ 10,478	\$ 49,870	\$ 1,553,034	\$ 1,441,709	\$ 111,326	
20 SALES LLF CLASSES	\$ 1,858,260	\$ 3,318,044	\$ 4,850,680	\$ 3,803,339	\$ 2,876,142	\$ 1,447,922	\$ 403,104	\$ 35,357	\$ 39,374	\$ 4,441	\$ 203,768	\$ 921,018	\$ 19,761,449	\$ 18,154,388	\$ 1,607,062	
21 Non-Grandfathered HLF CLASSES	\$ 105,159	\$ 192,890	\$ 254,610	\$ 278,584	\$ 139,638	\$ 135,235	\$ 66,775	\$ 66,090	\$ 9,401	\$ 1,254	\$ 47,523	\$ 60,009	\$ 1,357,167	\$ 1,106,115	\$ 251,052	
22 Non-Grandfathered LLF CLASSES	\$ 548,719	\$ 968,856	\$ 1,388,019	\$ 1,105,555	\$ 840,144	\$ 427,447	\$ 119,835	\$ 11,970	\$ 7,122	\$ 732	\$ 61,407	\$ 273,327	\$ 5,753,133	\$ 5,278,740	\$ 474,393	
23																
24																
25																
26 TOTAL REMAINING COMMODITY COSTS INCLUDING INTERRUPTIBLE					(From Commodity tab)		(Allocate to classes based on Remaining Sendout)									
27																
28																
29																
30 TOTAL REMAINING	\$ 3,258,473	\$ 5,473,599	\$ 6,882,640	\$ 6,094,875	\$ 4,726,226	\$ 2,610,351	\$ 769,933	\$ 125,932	\$ 92,272	\$ 12,853	\$ 414,566	\$ 1,660,231	\$ 32,121,953	\$ 29,046,163	\$ 3,075,789	
31																
32 Res Heat	\$ 1,251,491	\$ 2,086,229	\$ 2,632,144	\$ 2,294,453	\$ 1,813,018	\$ 976,405	\$ 279,132	\$ 26,433	\$ 27,500	\$ 3,831	\$ 144,193	\$ 636,157	\$ 12,170,985	\$ 11,053,741	\$ 1,117,245	
33 Res General	\$ 8,047	\$ 12,420	\$ 15,678	\$ 15,482	\$ 10,798	\$ 6,381	\$ 1,716	\$ 802	\$ 521	\$ 73	\$ 1,471	\$ 1,168	\$ 74,555	\$ 68,806	\$ 5,750	
34 G50 Low Annual-Low Winter	\$ 5,016	\$ 35,176	\$ 44,649	\$ 53,610	\$ 30,492	\$ 20,555	\$ 5,034	\$ -	\$ 3,168	\$ 441	\$ 7,219	\$ -	\$ 205,361	\$ 189,499	\$ 15,862	
35 G40 Low Annual-High Winter	\$ 732,179	\$ 1,223,036	\$ 1,541,717	\$ 1,333,634	\$ 1,063,264	\$ 571,559	\$ 169,199	\$ 17,502	\$ 11,995	\$ 1,671	\$ 86,497	\$ 378,906	\$ 7,131,160	\$ 6,465,390	\$ 665,771	
36 G51 Med Annual-Low Winter	\$ 74,921	\$ 123,307	\$ 158,999	\$ 156,020	\$ 106,158	\$ 57,166	\$ 8,808	\$ -	\$ 14,258	\$ 1,986	\$ 4,057	\$ 29,857	\$ 733,535	\$ 676,570	\$ 56,966	
37 G41 Med Annual-High Winter	\$ 591,787	\$ 992,102	\$ 1,253,100	\$ 1,087,873	\$ 861,776	\$ 460,527	\$ 129,388	\$ 6,554	\$ 15,737	\$ 2,192	\$ 63,460	\$ 300,804	\$ 5,765,300	\$ 5,247,165	\$ 518,136	
38 G52 High Annual-Low Winter	\$ -	\$ 2,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 889	\$ 124	\$ 2,553	\$ -	\$ 5,786	\$ 2,219	\$ 3,567	
39 G42 High Annual-High Winter	\$ 78,837	\$ 131,232	\$ 165,446	\$ 144,019	\$ 114,080	\$ 61,575	\$ 18,163	\$ -	\$ 3,995	\$ 556	\$ 9,566	\$ 40,679	\$ 768,148	\$ 695,188	\$ 72,960	
40 Non-Grandfathered T50 Low Annual-Low Winter	\$ 12,912	\$ 21,142	\$ 26,675	\$ 23,909	\$ 18,380	\$ 10,119	\$ 2,935	\$ 335	\$ 289	\$ 40	\$ 1,754	\$ 6,578	\$ 125,068	\$ 113,137	\$ 11,932	
41 Non-Grandfathered T40 Low Annual-High Winter	\$ 54,363	\$ 90,816	\$ 114,606	\$ 99,632	\$ 78,921	\$ 42,384	\$ 12,200	\$ 1,050	\$ 516	\$ 72	\$ 6,214	\$ 27,836	\$ 528,610	\$ 480,722	\$ 47,888	
42 Non-Grandfathered T51 Med Annual-Low Winter	\$ 38,572	\$ 60,435	\$ 76,336	\$ 74,090	\$ 52,492	\$ 30,443	\$ 8,450	\$ 3,494	\$ 205	\$ 29	\$ 6,810	\$ 18,922	\$ 370,279	\$ 332,368	\$ 37,911	
43 Non-Grandfathered T41 Med Annual-High Winter	\$ 277,131	\$ 461,444	\$ 581,754	\$ 506,215	\$ 401,145	\$ 216,465	\$ 63,873	\$ 7,580	\$ 1,989	\$ 277	\$ 33,579	\$ 143,047	\$ 2,694,500	\$ 2,444,154	\$ 250,346	
44 Non-Grandfathered T52 High Annual-Low Winter	\$ 12,801	\$ 19,766	\$ 24,988	\$ 24,877	\$ 17,173	\$ 10,139	\$ 2,767	\$ 54	\$ 279	\$ 39	\$ 2,424	\$ 6,208	\$ 121,516	\$ 109,744	\$ 11,772	
45 Non-Grandfathered T42 High Annual-High Winter	\$ 103,735	\$ 174,353	\$ 220,370	\$ 191,116	\$ 151,404	\$ 80,620	\$ 22,233	\$ 523	\$ 2,710	\$ 378	\$ 10,583	\$ 52,426	\$ 1,010,451	\$ 921,597	\$ 88,853	
46 Non-Grandfathered Special Contracts	\$ 16,681	\$ 39,925	\$ 26,177	\$ 89,947	\$ 7,124	\$ 66,012	\$ 48,035	\$ 61,606	\$ 8,246	\$ -	\$ 34,184	\$ 17,642	\$ 415,578	\$ 245,865	\$ 169,712	
47 TOTAL	\$ 3,258,473	\$ 5,473,599	\$ 6,882,640	\$ 6,094,875	\$ 4,726,226	\$ 2,610,351	\$ 769,933	\$ 125,932	\$ 92,272	\$ 12,853	\$ 414,566	\$ 1,660,231	\$ 32,121,953	\$ 29,046,163	\$ 3,075,789	
48																
49 Residential	\$ 1,259,538	\$ 2,098,649	\$ 2,647,822	\$ 2,309,935	\$ 1,823,817	\$ 982,786	\$ 280,847	\$ 27,234	\$ 28,021	\$ 3,903	\$ 145,665	\$ 637,324	\$ 12,245,541	\$ 11,122,546	\$ 1,122,994	
50 SALES HLF CLASSES	\$ 79,936	\$ 160,702	\$ 203,648	\$ 209,630	\$ 136,650	\$ 77,722	\$ 11,842	\$ -	\$ 18,316	\$ 2,551	\$ 13,828	\$ 29,857	\$ 944,682	\$ 868,288	\$ 76,394	
51 SALES LLF CLASSES	\$ 1,402,804	\$ 2,346,369	\$ 2,960,263	\$ 2,565,525	\$ 2,039,119	\$ 1,093,661	\$ 316,751	\$ 24,056	\$ 31,726	\$ 4,419	\$ 159,524	\$ 720,390	\$ 13,664,608	\$ 12,407,743	\$ 1,256,866	
52 Non-Grandfathered HLF CLASSES	\$ 80,966	\$ 141,267	\$ 154,176	\$ 212,822	\$ 95,169	\$ 116,713	\$ 62,187	\$ 65,489	\$ 9,020	\$ 108	\$ 45,173	\$ 49,351	\$ 1,032,440	\$ 801,114	\$ 231,327	
53 Non-Grandfathered LLF CLASSES	\$ 435,229	\$ 726,613	\$ 916,730	\$ 796,963	\$ 631,470	\$ 339,469	\$ 98,307	\$ 9,152	\$ 5,216	\$ 727	\$ 50,377	\$ 223,309	\$ 4,233,561	\$ 3,846,473	\$ 387,088	
54																
55																
56																

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

TOTAL REMAINING INTERRUPTIBLE COMMODITY COSTS

(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-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
1 TOTAL REMAINING	\$ 2,189	\$ -	\$ -	\$ -	\$ -	\$ 13,314							\$ 15,503	\$ 15,503	\$ -
2															
3 Res Heat	\$ 841	\$ -	\$ -	\$ -	\$ -	\$ 4,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,821	\$ 5,821	\$ -
4 Res General	\$ 5	\$ -	\$ -	\$ -	\$ -	\$ 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38	\$ 38	\$ -
5 G50 Low Annual-Low Winter	\$ 3	\$ -	\$ -	\$ -	\$ -	\$ 105	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108	\$ 108	\$ -
6 G40 Low Annual-High Winter	\$ 492	\$ -	\$ -	\$ -	\$ -	\$ 2,915	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,407	\$ 3,407	\$ -
7 G51 Med Annual-Low Winter	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ 292	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 342	\$ 342	\$ -
8 G41 Med Annual-High Winter	\$ 398	\$ -	\$ -	\$ -	\$ -	\$ 2,349	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,746	\$ 2,746	\$ -
9 G52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 G42 High Annual-High Winter	\$ 53	\$ -	\$ -	\$ -	\$ -	\$ 314	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 367	\$ 367	\$ -
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ 9	\$ -	\$ -	\$ -	\$ -	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60	\$ 60	\$ -
12 Non-Grandfathered T40 Low Annual-High Winter	\$ 37	\$ -	\$ -	\$ -	\$ -	\$ 218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 253	\$ 253	\$ -
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 26	\$ -	\$ -	\$ -	\$ -	\$ 155	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 181	\$ 181	\$ -
14 Non-Grandfathered T41 Med Annual-High Winter	\$ 188	\$ -	\$ -	\$ -	\$ -	\$ 1,104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,290	\$ 1,290	\$ -
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 9	\$ -	\$ -	\$ -	\$ -	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60	\$ 60	\$ -
16 Non-Grandfathered T42 High Annual-High Winter	\$ 70	\$ -	\$ -	\$ -	\$ -	\$ 411	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 481	\$ 481	\$ -
17 Non-Grandfathered Special Contracts	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ 337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 348	\$ 348	\$ -
18 TOTAL	\$ 2,189	\$ -	\$ -	\$ -	\$ -	\$ 13,314	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,503	\$ 15,503	\$ -
19															
20 SALES HLF CLASSES	\$ 59	\$ -	\$ -	\$ -	\$ -	\$ 429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 488	\$ 488	\$ -
21 SALES LLF CLASSES	\$ 1,783	\$ -	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,341	\$ 12,341	\$ -
22 Non-Grandfathered HLF CLASSES	\$ 54	\$ -	\$ -	\$ -	\$ -	\$ 595	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650	\$ 650	\$ -
23 Non-Grandfathered LLF CLASSES	\$ 292	\$ -	\$ -	\$ -	\$ -	\$ 1,731	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,024	\$ 2,024	\$ -

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	\$ 325,256	\$ 354,708	\$ 363,997	\$ 329,673	\$ 350,202	\$ 320,283	\$ 323,897	\$ 312,450	\$ 326,914	\$ 304,891	\$ 321,496	\$ 341,336	\$ 3,975,104	\$ 2,044,120	\$ 1,930,985
3 Res General	\$ 18,313	\$ 19,971	\$ 20,494	\$ 18,562	\$ 19,717	\$ 18,033	\$ 18,236	\$ 17,592	\$ 18,406	\$ 18,059	\$ 18,101	\$ 19,218	\$ 224,703	\$ 115,090	\$ 109,613
5 G50 Low Annual-Low Winter	\$ 138,991	\$ 151,577	\$ 155,547	\$ 140,879	\$ 149,652	\$ 136,866	\$ 138,411	\$ 130,181	\$ 139,700	\$ 137,749	\$ 137,385	\$ 124,608	\$ 1,681,544	\$ 873,512	\$ 808,032
6 G40 Low Annual-High Winter	\$ 91,311	\$ 99,579	\$ 102,187	\$ 92,551	\$ 98,314	\$ 89,915	\$ 90,930	\$ 87,716	\$ 91,776	\$ 81,879	\$ 90,255	\$ 95,825	\$ 1,112,239	\$ 573,857	\$ 538,381
7 G51 Med Annual-Low Winter	\$ 193,151	\$ 210,642	\$ 216,158	\$ 195,775	\$ 207,966	\$ 190,199	\$ 192,345	\$ 181,971	\$ 194,136	\$ 182,860	\$ 190,919	\$ 202,701	\$ 2,358,822	\$ 1,213,891	\$ 1,144,932
8 G41 Med Annual-High Winter	\$ 121,570	\$ 132,578	\$ 136,050	\$ 123,221	\$ 130,894	\$ 119,711	\$ 121,062	\$ 116,783	\$ 122,190	\$ 109,215	\$ 120,165	\$ 127,580	\$ 1,481,019	\$ 764,025	\$ 716,995
9 G52 High Annual-Low Winter	\$ 76,834	\$ 87,913	\$ 77,530	\$ 64,276	\$ 59,118	\$ 31,660	\$ 62,987	\$ 70,413	\$ 81,025	\$ 80,717	\$ 79,682	\$ 84,348	\$ 856,503	\$ 397,332	\$ 459,171
10 G42 High Annual-High Winter	\$ 18,041	\$ 19,675	\$ 20,190	\$ 18,286	\$ 19,425	\$ 17,766	\$ 17,966	\$ 13,278	\$ 18,133	\$ 14,766	\$ 17,833	\$ 18,933	\$ 214,292	\$ 113,384	\$ 100,909
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,208	\$ 10,042	\$ 10,305	\$ 9,334	\$ 9,915	\$ 9,068	\$ 9,170	\$ 8,846	\$ 9,255	\$ 9,057	\$ 9,102	\$ 9,664	\$ 112,966	\$ 57,872	\$ 55,094
12 Non-Grandfathered T40 Low Annual-High Winter	\$ 11,919	\$ 12,998	\$ 13,339	\$ 12,081	\$ 12,833	\$ 11,737	\$ 11,869	\$ 11,450	\$ 11,980	\$ 11,600	\$ 11,781	\$ 12,508	\$ 146,095	\$ 74,907	\$ 71,188
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 77,790	\$ 84,834	\$ 87,056	\$ 78,847	\$ 83,756	\$ 76,601	\$ 77,465	\$ 74,727	\$ 78,187	\$ 78,457	\$ 76,891	\$ 81,636	\$ 956,247	\$ 488,884	\$ 467,363
14 Non-Grandfathered T41 Med Annual-High Winter	\$ 61,559	\$ 67,133	\$ 68,891	\$ 62,395	\$ 66,280	\$ 60,618	\$ 61,302	\$ 59,135	\$ 61,872	\$ 60,499	\$ 60,847	\$ 64,602	\$ 755,133	\$ 386,875	\$ 368,217
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 31,110	\$ 33,927	\$ 34,815	\$ 31,532	\$ 33,496	\$ 30,634	\$ 30,980	\$ 29,885	\$ 31,027	\$ 31,448	\$ 30,750	\$ 32,648	\$ 382,251	\$ 195,514	\$ 186,757
16 Non-Grandfathered T42 High Annual-High Winter	\$ 20,349	\$ 22,192	\$ 22,773	\$ 20,626	\$ 21,910	\$ 20,038	\$ 20,264	\$ 19,548	\$ 20,453	\$ 18,215	\$ 20,114	\$ 21,355	\$ 247,836	\$ 127,887	\$ 119,949
17 Non-Grandfathered Special Contracts	\$ 313,540	\$ 341,932	\$ 350,886	\$ 317,799	\$ 337,588	\$ 308,747	\$ 312,231	\$ 301,196	\$ 315,139	\$ 309,804	\$ 309,916	\$ 329,042	\$ 3,847,820	\$ 1,970,493	\$ 1,877,327
18 TOTAL	\$ 1,508,942	\$ 1,649,702	\$ 1,680,219	\$ 1,515,836	\$ 1,601,065	\$ 1,441,875	\$ 1,489,114	\$ 1,435,170	\$ 1,520,192	\$ 1,449,215	\$ 1,495,238	\$ 1,566,004	\$ 18,352,575	\$ 9,397,641	\$ 8,954,934
19															
20 Residential	\$ 343,568	\$ 374,679	\$ 384,491	\$ 348,235	\$ 369,919	\$ 338,316	\$ 342,134	\$ 330,042	\$ 345,320	\$ 322,950	\$ 339,598	\$ 360,555	\$ 4,199,807	\$ 2,159,210	\$ 2,040,598
21 SALES HLF CLASSES	\$ 408,977	\$ 450,132	\$ 449,235	\$ 400,930	\$ 416,735	\$ 358,725	\$ 393,742	\$ 382,565	\$ 414,860	\$ 401,326	\$ 407,986	\$ 411,656	\$ 4,896,870	\$ 2,484,735	\$ 2,412,135
22 SALES LLF CLASSES	\$ 230,922	\$ 251,833	\$ 258,427	\$ 234,059	\$ 248,633	\$ 227,392	\$ 229,958	\$ 217,777	\$ 232,099	\$ 205,859	\$ 228,253	\$ 242,339	\$ 2,807,550	\$ 1,451,266	\$ 1,356,285
23 Non-Grandfathered HLF CLASSES	\$ 431,648	\$ 470,735	\$ 483,063	\$ 437,511	\$ 464,755	\$ 425,050	\$ 429,846	\$ 414,654	\$ 433,608	\$ 428,766	\$ 426,659	\$ 452,989	\$ 5,299,284	\$ 2,712,762	\$ 2,586,522
24 Non-Grandfathered LLF CLASSES	\$ 93,827	\$ 102,323	\$ 105,003	\$ 95,101	\$ 101,023	\$ 92,392	\$ 93,435	\$ 90,133	\$ 94,305	\$ 90,314	\$ 92,742	\$ 98,466	\$ 1,149,063	\$ 589,669	\$ 559,394
25															
26															
27															
28 REMAINING COMMODITY															
29 Res Heat	\$ 1,250,650	\$ 2,086,229	\$ 2,632,144	\$ 2,294,453	\$ 1,813,018	\$ 971,425	\$ 279,132	\$ 26,433	\$ 27,500	\$ 3,831	\$ 144,193	\$ 636,157	\$ 12,165,165	\$ 11,047,920	\$ 1,117,245
30 Res General	\$ 8,041	\$ 12,420	\$ 15,678	\$ 15,482	\$ 10,798	\$ 6,348	\$ 1,716	\$ 802	\$ 521	\$ 73	\$ 1,471	\$ 1,168	\$ 74,517	\$ 68,768	\$ 5,750
31 G50 Low Annual-Low Winter	\$ 5,012	\$ 35,176	\$ 44,649	\$ 53,610	\$ 30,492	\$ 20,451	\$ 5,034	\$ -	\$ 3,168	\$ 441	\$ 7,219	\$ -	\$ 205,253	\$ 189,391	\$ 15,862
32 G40 Low Annual-High Winter	\$ 731,687	\$ 1,223,036	\$ 1,541,717	\$ 1,333,634	\$ 1,063,264	\$ 568,644	\$ 169,199	\$ 17,502	\$ 11,995	\$ 1,671	\$ 86,497	\$ 378,906	\$ 7,127,753	\$ 6,461,982	\$ 665,771
33 G51 Med Annual-Low Winter	\$ 74,870	\$ 123,307	\$ 158,999	\$ 156,020	\$ 106,158	\$ 56,875	\$ 6,808	\$ -	\$ 14,258	\$ 1,986	\$ 4,057	\$ 29,857	\$ 733,193	\$ 676,228	\$ 56,966
34 G41 Med Annual-High Winter	\$ 591,390	\$ 992,102	\$ 1,253,100	\$ 1,087,873	\$ 861,776	\$ 458,179	\$ 129,388	\$ 6,554	\$ 15,737	\$ 2,192	\$ 63,460	\$ 300,804	\$ 5,762,554	\$ 5,244,418	\$ 518,136
35 G52 High Annual-Low Winter	\$ -	\$ 2,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 889	\$ 124	\$ 2,553	\$ -	\$ 5,786	\$ 2,219	\$ 3,567
36 G42 High Annual-High Winter	\$ 78,784	\$ 131,232	\$ 165,446	\$ 144,019	\$ 114,080	\$ 61,261	\$ 18,163	\$ -	\$ 3,995	\$ 556	\$ 9,566	\$ 40,679	\$ 767,781	\$ 694,821	\$ 72,960
37 Non-Grandfathered T50 Low Annual-Low Winter	\$ 12,903	\$ 21,142	\$ 26,675	\$ 23,909	\$ 18,380	\$ 10,068	\$ 2,935	\$ 335	\$ 289	\$ 40	\$ 1,754	\$ 6,578	\$ 125,008	\$ 113,076	\$ 11,932
38 Non-Grandfathered T40 Low Annual-High Winter	\$ 54,327	\$ 90,816	\$ 114,606	\$ 99,632	\$ 78,921	\$ 42,168	\$ 12,200	\$ 1,050	\$ 516	\$ 72	\$ 6,214	\$ 27,836	\$ 528,357	\$ 480,469	\$ 47,888
39 Non-Grandfathered T51 Med Annual-Low Winter	\$ 38,546	\$ 60,435	\$ 76,336	\$ 74,090	\$ 52,492	\$ 30,288	\$ 8,450	\$ 3,494	\$ 205	\$ 29	\$ 6,810	\$ 18,922	\$ 370,097	\$ 332,187	\$ 37,911
40 Non-Grandfathered T41 Med Annual-High Winter	\$ 276,944	\$ 461,444	\$ 581,754	\$ 506,215	\$ 401,145	\$ 215,361	\$ 63,873	\$ 7,580	\$ 1,989	\$ 277	\$ 33,579	\$ 143,047	\$ 2,693,210	\$ 2,442,864	\$ 250,346
41 Non-Grandfathered T52 High Annual-Low Winter	\$ 12,793	\$ 19,766	\$ 24,988	\$ 24,877	\$ 17,173	\$ 10,087	\$ 2,767	\$ 54	\$ 279	\$ 39	\$ 2,424	\$ 6,208	\$ 121,456	\$ 109,684	\$ 11,777
42 Non-Grandfathered T42 High Annual-High Winter	\$ 103,666	\$ 174,353	\$ 220,370	\$ 191,116	\$ 151,404	\$ 80,208	\$ 22,233	\$ 523	\$ 2,710	\$ 378	\$ 10,583	\$ 52,426	\$ 1,009,970	\$ 921,116	\$ 88,857
43 Non-Grandfathered Special Contracts	\$ 16,670	\$ 39,925	\$ 26,177	\$ 89,947	\$ 7,124	\$ 65,675	\$ 48,035	\$ 61,606	\$ 8,221	\$ 1,145	\$ 34,184	\$ 17,642	\$ 416,350	\$ 245,517	\$ 170,831
44 TOTAL	\$ 3,256,284	\$ 5,473,599	\$ 6,882,640	\$ 6,094,875	\$ 4,726,226	\$ 2,597,037	\$ 769,933	\$ 125,932	\$ 92,272	\$ 12,853	\$ 414,566	\$ 1,660,231	\$ 32,106,450	\$ 29,030,660	\$ 3,075,789
45															
46 Residential	\$ 1,258,692	\$ 2,098,649	\$ 2,647,822	\$ 2,309,935	\$ 1,823,817	\$ 977,773	\$ 280,847	\$ 27,234	\$ 28,021	\$ 3,903	\$ 145,665	\$ 637,324	\$ 12,239,682	\$ 11,116,688	\$ 1,122,994
47 SALES HLF CLASSES	\$ 79,883	\$ 160,702	\$ 203,648	\$ 209,630	\$ 136,650	\$ 77,325	\$ 11,842	\$ -	\$ 18,316	\$ 2,551	\$ 13,828	\$ 29,857	\$ 944,232	\$ 867,838	\$ 76,394
48 SALES LLF CLASSES	\$ 1,401,861	\$ 2,346,369	\$ 2,960,263	\$ 2,565,525	\$ 2,039,119	\$ 1,088,083	\$ 316,751	\$ 24,056	\$ 31,726	\$ 4,419	\$ 159,524	\$ 720,390	\$ 13,658,088	\$ 12,401,222	\$ 1,256,866
49 Non-Grandfathered HLF CLASSES	\$ 80,911	\$ 141,267	\$ 154,176	\$ 212,822	\$ 95,169	\$ 116,118	\$ 62,187	\$ 65,489	\$ 8,995	\$ 1,253	\$ 45,173	\$ 49,351	\$ 1,032,911	\$ 800,464	\$ 232,447
50 Non-Grandfathered LLF CLASSES	\$ 434,937	\$ 726,613	\$ 916,730	\$ 796,963	\$ 631,470	\$ 337,738	\$ 98,307	\$ 9,152	\$ 5,216	\$ 727	\$ 50,377	\$ 223,309	\$ 4,231,537	\$ 3,844,449	\$ 387,088
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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER	
1	<b>TOTAL COMMODITY</b>															
2	Res Heat	\$ 1,575,906	\$ 2,440,937	\$ 2,996,141	\$ 2,624,127	\$ 2,163,220	\$ 1,291,708	\$ 603,029	\$ 338,883	\$ 354,413	\$ 308,722	\$ 465,690	\$ 977,493	\$ 16,140,269	\$ 13,092,039	\$ 3,048,229
3	Res General	\$ 26,354	\$ 32,391	\$ 36,172	\$ 34,043	\$ 30,516	\$ 24,381	\$ 19,952	\$ 18,393	\$ 18,927	\$ 18,132	\$ 19,573	\$ 20,386	\$ 299,220	\$ 183,858	\$ 115,363
4	G50 Low Annual-Low Winter	\$ 144,004	\$ 186,753	\$ 200,196	\$ 194,490	\$ 180,144	\$ 157,317	\$ 143,444	\$ 130,181	\$ 142,868	\$ 138,190	\$ 144,603	\$ 124,608	\$ 1,886,797	\$ 1,062,903	\$ 823,894
5	G40 Low Annual-High Winter	\$ 822,998	\$ 1,322,615	\$ 1,643,904	\$ 1,426,185	\$ 1,161,578	\$ 658,559	\$ 260,129	\$ 105,218	\$ 103,771	\$ 83,550	\$ 176,753	\$ 474,732	\$ 8,239,992	\$ 7,035,840	\$ 1,204,152
6	G51 Med Annual-Low Winter	\$ 268,022	\$ 333,948	\$ 375,157	\$ 351,795	\$ 314,123	\$ 247,073	\$ 199,153	\$ 181,971	\$ 208,394	\$ 184,846	\$ 194,976	\$ 232,558	\$ 3,092,016	\$ 1,890,118	\$ 1,201,897
7	G41 Med Annual-High Winter	\$ 712,959	\$ 1,124,680	\$ 1,389,150	\$ 1,211,094	\$ 992,670	\$ 577,890	\$ 250,450	\$ 123,337	\$ 137,926	\$ 111,407	\$ 183,625	\$ 428,385	\$ 7,243,573	\$ 6,008,443	\$ 1,235,130
8	G52 High Annual-Low Winter	\$ 76,834	\$ 90,133	\$ 77,530	\$ 64,276	\$ 59,118	\$ 31,660	\$ 62,987	\$ 70,413	\$ 81,914	\$ 80,841	\$ 82,235	\$ 84,348	\$ 862,289	\$ 399,551	\$ 462,738
9	G42 High Annual-High Winter	\$ 96,825	\$ 150,907	\$ 185,637	\$ 162,305	\$ 133,505	\$ 79,026	\$ 36,129	\$ 13,278	\$ 22,128	\$ 15,322	\$ 27,399	\$ 59,612	\$ 982,073	\$ 808,205	\$ 173,868
10	Non-Grandfathered T50 Low Annual-Low Winter	\$ 22,112	\$ 31,184	\$ 36,981	\$ 33,242	\$ 28,295	\$ 19,135	\$ 12,105	\$ 9,181	\$ 9,545	\$ 9,097	\$ 10,856	\$ 16,242	\$ 237,974	\$ 170,948	\$ 67,026
11	Non-Grandfathered T40 Low Annual-High Winter	\$ 66,245	\$ 103,814	\$ 127,945	\$ 111,713	\$ 91,754	\$ 53,905	\$ 24,070	\$ 12,499	\$ 12,496	\$ 11,672	\$ 17,996	\$ 40,344	\$ 674,452	\$ 555,376	\$ 119,077
12	Non-Grandfathered T51 Med Annual-Low Winter	\$ 116,336	\$ 145,269	\$ 163,392	\$ 152,936	\$ 136,249	\$ 106,888	\$ 85,915	\$ 78,221	\$ 78,392	\$ 78,486	\$ 83,701	\$ 100,558	\$ 1,326,344	\$ 821,070	\$ 505,274
13	Non-Grandfathered T41 Med Annual-High Winter	\$ 338,503	\$ 528,577	\$ 650,645	\$ 568,610	\$ 467,426	\$ 275,979	\$ 125,175	\$ 66,715	\$ 63,862	\$ 60,776	\$ 94,426	\$ 207,649	\$ 3,448,343	\$ 2,829,739	\$ 618,604
14	Non-Grandfathered T52 High Annual-Low Winter	\$ 43,902	\$ 53,692	\$ 59,803	\$ 56,409	\$ 50,669	\$ 40,722	\$ 33,747	\$ 29,939	\$ 31,306	\$ 31,487	\$ 33,175	\$ 38,856	\$ 503,707	\$ 305,197	\$ 198,510
15	Non-Grandfathered T42 High Annual-High Winter	\$ 124,015	\$ 196,545	\$ 243,143	\$ 211,741	\$ 173,314	\$ 100,246	\$ 42,497	\$ 20,071	\$ 23,163	\$ 18,592	\$ 30,697	\$ 73,781	\$ 1,257,806	\$ 1,049,004	\$ 208,802
16	Non-Grandfathered Special Contracts	\$ 330,210	\$ 381,857	\$ 377,064	\$ 407,745	\$ 344,712	\$ 374,422	\$ 360,266	\$ 362,802	\$ 323,360	\$ 310,949	\$ 344,100	\$ 346,684	\$ 4,264,170	\$ 2,216,010	\$ 2,048,160
17	TOTAL	\$ 4,765,226	\$ 7,123,301	\$ 8,562,859	\$ 7,610,711	\$ 6,327,291	\$ 4,038,912	\$ 2,259,048	\$ 1,561,102	\$ 1,612,465	\$ 1,462,069	\$ 1,909,805	\$ 3,226,235	\$ 50,459,025	\$ 38,428,301	\$ 12,030,723
18																
19	Residential	\$ 1,602,260	\$ 2,473,328	\$ 3,032,313	\$ 2,658,170	\$ 2,193,736	\$ 1,316,090	\$ 622,981	\$ 357,276	\$ 373,341	\$ 326,854	\$ 485,262	\$ 997,879	\$ 16,439,489	\$ 13,275,897	\$ 3,163,592
20	SALES HLF CLASSES	\$ 488,859	\$ 610,834	\$ 652,883	\$ 610,561	\$ 553,385	\$ 436,050	\$ 405,584	\$ 382,565	\$ 433,176	\$ 403,877	\$ 421,814	\$ 441,513	\$ 5,841,102	\$ 3,352,572	19% \$ 2,488,529
21	SALES LLF CLASSES	\$ 1,632,783	\$ 2,598,202	\$ 3,218,691	\$ 2,799,584	\$ 2,287,753	\$ 1,315,475	\$ 546,708	\$ 241,833	\$ 263,825	\$ 210,278	\$ 387,777	\$ 962,729	\$ 16,465,638	\$ 13,852,488	81% \$ 2,613,151
22	Non-Grandfathered HLF CLASSES	\$ 512,560	\$ 612,002	\$ 637,239	\$ 650,333	\$ 559,924	\$ 541,167	\$ 492,033	\$ 480,143	\$ 462,602	\$ 430,019	\$ 471,832	\$ 502,340	\$ 6,332,195	\$ 3,513,226	\$ 2,818,969
23	Non-Grandfathered LLF CLASSES	\$ 528,763	\$ 828,936	\$ 1,021,732	\$ 892,064	\$ 732,494	\$ 430,130	\$ 191,742	\$ 99,285	\$ 99,521	\$ 91,040	\$ 143,119	\$ 321,775	\$ 5,380,600	\$ 4,434,119	\$ 946,482
24																
25																
26																
27	<b>BASE CAPACITY</b>															
28	Res Heat	\$ 17,802	\$ 17,758	\$ 17,892	\$ 17,962	\$ 18,065	\$ 18,346	\$ 17,964	\$ 17,980	\$ 17,761	\$ 17,375	\$ 17,758	\$ 18,002	\$ 214,665	\$ 107,825	\$ 106,840
29	Res General	\$ 1,002	\$ 1,000	\$ 1,007	\$ 1,011	\$ 1,017	\$ 1,033	\$ 1,011	\$ 1,012	\$ 1,000	\$ 1,029	\$ 1,000	\$ 1,014	\$ 12,137	\$ 6,071	\$ 6,066
30	G50 Low Annual-Low Winter	\$ 7,607	\$ 7,588	\$ 7,646	\$ 7,676	\$ 7,720	\$ 7,840	\$ 7,677	\$ 7,491	\$ 7,590	\$ 7,850	\$ 7,588	\$ 6,572	\$ 90,845	\$ 46,077	\$ 44,768
31	G40 Low Annual-High Winter	\$ 4,998	\$ 4,985	\$ 5,023	\$ 5,043	\$ 5,071	\$ 5,150	\$ 5,043	\$ 5,048	\$ 4,986	\$ 4,666	\$ 4,985	\$ 5,054	\$ 60,052	\$ 30,270	\$ 29,782
32	G51 Med Annual-Low Winter	\$ 10,572	\$ 10,545	\$ 10,625	\$ 10,667	\$ 10,728	\$ 10,894	\$ 10,668	\$ 10,472	\$ 10,547	\$ 10,421	\$ 10,545	\$ 10,690	\$ 127,375	\$ 64,031	\$ 63,343
33	G41 Med Annual-High Winter	\$ 6,654	\$ 6,637	\$ 6,687	\$ 6,714	\$ 6,752	\$ 6,857	\$ 6,714	\$ 6,721	\$ 6,638	\$ 6,224	\$ 6,637	\$ 6,728	\$ 79,964	\$ 40,301	\$ 39,663
34	G52 High Annual-Low Winter	\$ 4,205	\$ 4,401	\$ 3,811	\$ 3,502	\$ 3,050	\$ 1,813	\$ 3,493	\$ 4,052	\$ 4,402	\$ 4,600	\$ 4,401	\$ 4,448	\$ 46,180	\$ 20,783	\$ 25,397
35	G42 High Annual-High Winter	\$ 987	\$ 985	\$ 992	\$ 996	\$ 1,002	\$ 1,018	\$ 996	\$ 764	\$ 985	\$ 841	\$ 985	\$ 999	\$ 11,552	\$ 5,981	\$ 5,571
36	Non-Grandfathered T50 Low Annual-Low Winter	\$ 504	\$ 503	\$ 507	\$ 509	\$ 511	\$ 519	\$ 509	\$ 509	\$ 503	\$ 516	\$ 503	\$ 510	\$ 6,102	\$ 3,053	\$ 3,049
37	Non-Grandfathered T40 Low Annual-High Winter	\$ 652	\$ 651	\$ 656	\$ 658	\$ 662	\$ 672	\$ 658	\$ 659	\$ 651	\$ 661	\$ 651	\$ 660	\$ 7,891	\$ 3,951	\$ 3,940
38	Non-Grandfathered T51 Med Annual-Low Winter	\$ 4,258	\$ 4,247	\$ 4,279	\$ 4,296	\$ 4,320	\$ 4,388	\$ 4,296	\$ 4,300	\$ 4,248	\$ 4,471	\$ 4,247	\$ 4,305	\$ 51,656	\$ 25,788	\$ 25,868
39	Non-Grandfathered T41 Med Annual-High Winter	\$ 3,369	\$ 3,361	\$ 3,386	\$ 3,400	\$ 3,419	\$ 3,472	\$ 3,400	\$ 3,403	\$ 3,361	\$ 3,448	\$ 3,361	\$ 3,407	\$ 40,787	\$ 20,407	\$ 20,380
40	Non-Grandfathered T52 High Annual-Low Winter	\$ 1,703	\$ 1,698	\$ 1,711	\$ 1,718	\$ 1,728	\$ 1,755	\$ 1,718	\$ 1,720	\$ 1,686	\$ 1,792	\$ 1,698	\$ 1,722	\$ 20,649	\$ 10,313	\$ 10,336
41	Non-Grandfathered T42 High Annual-High Winter	\$ 1,114	\$ 1,111	\$ 1,119	\$ 1,124	\$ 1,130	\$ 1,148	\$ 1,124	\$ 1,125	\$ 1,111	\$ 1,038	\$ 1,111	\$ 1,126	\$ 13,381	\$ 6,746	\$ 6,637
42	Non-Grandfathered Special Contracts	\$ 17,161	\$ 17,118	\$ 17,247	\$ 17,315	\$ 17,414	\$ 17,685	\$ 17,317	\$ 17,333	\$ 17,121	\$ 17,655	\$ 17,118	\$ 17,353	\$ 207,839	\$ 103,941	\$ 103,895
43	TOTAL	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 82,589	\$ 991,073	\$ 495,537	\$ 495,537
44																
45	Residential	\$ 18,805	\$ 18,758	\$ 18,899	\$ 18,973	\$ 19,082	\$ 19,378	\$ 18,975	\$ 18,993	\$ 18,761	\$ 18,405	\$ 18,758	\$ 19,015	\$ 226,802	\$ 113,895	\$ 112,907
46	SALES HLF CLASSES	\$ 22,385	\$ 22,535	\$ 22,082	\$ 21,844	\$ 21,497	\$ 20,547	\$ 21,838	\$ 22,015	\$ 22,539	\$ 22,871	\$ 22,535	\$ 21,710	\$ 264,399	\$ 130,890	\$ 133,508
47	SALES LLF CLASSES	\$ 12,639	\$ 12,608	\$ 12,703	\$ 12,753	\$ 12,826	\$ 13,025	\$ 12,754	\$ 12,532	\$ 12,610	\$ 11,732	\$ 12,608	\$ 12,781	\$ 151,568	\$ 76,552	\$ 75,016
48	Non-Grandfathered HLF CLASSES	\$ 23,626	\$ 23,567	\$ 23,744	\$ 23,838	\$ 23,974	\$ 24,346	\$ 23,840	\$ 23,862	\$ 23,557	\$ 24,435	\$ 23,567	\$ 23,890	\$ 286,246	\$ 143,094	\$ 143,151
49	Non-Grandfathered LLF CLASSES	\$ 5,135	\$ 5,123	\$ 5,161	\$ 5,182	\$ 5,211	\$ 5,292	\$ 5,182	\$ 5,187	\$ 5,123	\$ 5,147	\$ 5,123	\$ 5,193	\$ 62,059	\$ 31,104	\$ 30,955
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-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
1 REMAINING CAPACITY															
2 Res Heat	\$ 409,747	\$ 872,354	\$ 1,697,185	\$ 1,111,289	\$ 751,465	\$ 323,057	\$ 77,527	\$ 10,146	\$ 6,866	\$ 19	\$ 39,721	\$ 180,120	\$ 5,479,496	\$ 5,165,097	\$ 314,400
3 Res General	\$ 2,990	\$ 6,366	\$ 12,384	\$ 8,109	\$ 5,483	\$ 2,357	\$ 566	\$ 74	\$ 50	\$ 0	\$ 290	\$ 1,314	\$ 39,984	\$ 37,690	\$ 2,294
5 G50 Low Annual-Low Winter	\$ 11,366	\$ 24,198	\$ 47,078	\$ 30,826	\$ 20,845	\$ 8,961	\$ 2,151	\$ 281	\$ 190	\$ 1	\$ 1,102	\$ 4,996	\$ 151,995	\$ 143,274	\$ 8,721
6 G40 Low Annual-High Winter	\$ 236,739	\$ 504,019	\$ 980,581	\$ 642,068	\$ 434,173	\$ 186,653	\$ 44,793	\$ 5,862	\$ 3,967	\$ 11	\$ 22,950	\$ 104,068	\$ 3,165,883	\$ 2,984,232	\$ 181,650
7 G51 Med Annual-Low Winter	\$ 31,517	\$ 67,101	\$ 130,546	\$ 85,479	\$ 57,802	\$ 24,849	\$ 5,963	\$ 780	\$ 528	\$ 1	\$ 3,055	\$ 13,855	\$ 421,479	\$ 397,295	\$ 24,183
8 G41 Med Annual-High Winter	\$ 193,979	\$ 412,982	\$ 803,465	\$ 526,096	\$ 355,751	\$ 152,939	\$ 36,702	\$ 4,803	\$ 3,250	\$ 9	\$ 18,805	\$ 85,271	\$ 2,594,052	\$ 2,445,212	\$ 148,840
9 G52 High Annual-Low Winter	\$ 2,642	\$ 5,624	\$ 10,942	\$ 7,165	\$ 4,845	\$ 2,083	\$ 500	\$ 65	\$ 44	\$ 0	\$ 256	\$ 1,161	\$ 35,329	\$ 33,302	\$ 2,027
10 G42 High Annual-High Winter	\$ 25,681	\$ 54,675	\$ 106,371	\$ 69,650	\$ 47,098	\$ 20,248	\$ 4,859	\$ 636	\$ 430	\$ 1	\$ 2,490	\$ 11,289	\$ 343,427	\$ 323,722	\$ 19,705
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ 3,400	\$ 7,238	\$ 14,081	\$ 9,220	\$ 6,235	\$ 2,680	\$ 643	\$ 84	\$ 57	\$ 0	\$ 330	\$ 1,494	\$ 45,462	\$ 42,853	\$ 2,608
12 Non-Grandfathered T40 Low Annual-High Winter	\$ 14,233	\$ 30,302	\$ 58,954	\$ 38,602	\$ 26,103	\$ 11,222	\$ 2,693	\$ 352	\$ 238	\$ 1	\$ 1,380	\$ 6,257	\$ 190,336	\$ 179,415	\$ 10,921
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 10,321	\$ 21,975	\$ 42,752	\$ 27,993	\$ 18,929	\$ 8,138	\$ 1,953	\$ 256	\$ 173	\$ 0	\$ 1,001	\$ 4,537	\$ 138,028	\$ 130,108	\$ 7,920
14 Non-Grandfathered T41 Med Annual-High Winter	\$ 72,230	\$ 153,778	\$ 299,179	\$ 195,897	\$ 132,468	\$ 56,948	\$ 13,668	\$ 1,789	\$ 1,210	\$ 3	\$ 7,002	\$ 31,752	\$ 965,923	\$ 910,501	\$ 55,422
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 3,440	\$ 7,325	\$ 14,251	\$ 9,331	\$ 6,310	\$ 2,713	\$ 651	\$ 85	\$ 58	\$ 0	\$ 334	\$ 1,512	\$ 46,009	\$ 43,369	\$ 2,640
16 Non-Grandfathered T42 High Annual-High Winter	\$ 27,319	\$ 58,163	\$ 113,157	\$ 74,093	\$ 50,103	\$ 21,539	\$ 5,169	\$ 676	\$ 458	\$ 1	\$ 2,648	\$ 12,009	\$ 365,336	\$ 344,374	\$ 20,962
17 Non-Grandfathered Special Contracts	\$ 7,086	\$ 15,086	\$ 29,350	\$ 19,218	\$ 12,995	\$ 5,587	\$ 1,341	\$ 175	\$ 119	\$ 0	\$ 687	\$ 3,115	\$ 94,757	\$ 89,320	\$ 5,437
18 TOTAL	\$ 1,052,691	\$ 2,241,184	\$ 4,360,275	\$ 2,855,037	\$ 1,930,604	\$ 829,974	\$ 199,176	\$ 26,066	\$ 17,640	\$ 49	\$ 102,049	\$ 462,751	\$ 14,077,497	\$ 13,269,765	\$ 807,731
19															
20 Residential	\$ 412,737	\$ 878,719	\$ 1,709,569	\$ 1,119,398	\$ 756,948	\$ 325,415	\$ 78,093	\$ 10,220	\$ 6,916	\$ 19	\$ 40,011	\$ 181,435	\$ 5,519,481	\$ 5,202,787	\$ 316,694
21 SALES HLF CLASSES	\$ 45,525	\$ 96,923	\$ 188,567	\$ 123,470	\$ 83,492	\$ 35,893	\$ 8,614	\$ 1,127	\$ 763	\$ 2	\$ 4,413	\$ 20,012	\$ 608,803	\$ 573,871	\$ 34,932
22 SALES LLF CLASSES	\$ 456,399	\$ 971,675	\$ 1,890,417	\$ 1,237,814	\$ 837,022	\$ 359,839	\$ 86,354	\$ 11,301	\$ 7,648	\$ 21	\$ 44,244	\$ 200,628	\$ 6,103,361	\$ 5,753,166	\$ 350,196
23 Non-Grandfathered HLF CLASSES	\$ 24,247	\$ 51,623	\$ 100,433	\$ 65,762	\$ 44,469	\$ 19,117	\$ 4,588	\$ 600	\$ 406	\$ 1	\$ 2,351	\$ 10,659	\$ 324,256	\$ 305,651	\$ 18,605
24 Non-Grandfathered LLF CLASSES	\$ 113,782	\$ 242,243	\$ 471,289	\$ 308,593	\$ 208,673	\$ 89,709	\$ 21,528	\$ 2,817	\$ 1,907	\$ 5	\$ 11,030	\$ 50,017	\$ 1,521,595	\$ 1,434,290	\$ 87,305
25															
26															
27 TOTAL CAPACITY															
28 Res Heat	\$ 427,549	\$ 890,112	\$ 1,715,077	\$ 1,129,251	\$ 769,529	\$ 341,403	\$ 95,491	\$ 28,126	\$ 24,627	\$ 17,395	\$ 57,479	\$ 198,122	\$ 5,694,161	\$ 5,272,921	\$ 421,240
29 Res General	\$ 3,992	\$ 7,365	\$ 13,392	\$ 9,120	\$ 6,501	\$ 3,390	\$ 1,577	\$ 1,086	\$ 1,050	\$ 1,029	\$ 1,290	\$ 2,328	\$ 52,121	\$ 43,761	\$ 8,361
30 G50 Low Annual-Low Winter	\$ 18,973	\$ 31,787	\$ 54,724	\$ 38,502	\$ 28,564	\$ 16,801	\$ 9,827	\$ 7,773	\$ 7,780	\$ 7,851	\$ 8,690	\$ 11,568	\$ 242,840	\$ 189,351	\$ 53,489
31 G40 Low Annual-High Winter	\$ 241,737	\$ 509,004	\$ 985,603	\$ 647,111	\$ 439,244	\$ 191,803	\$ 49,836	\$ 10,910	\$ 8,953	\$ 4,677	\$ 27,935	\$ 109,122	\$ 3,225,935	\$ 3,014,502	\$ 211,433
32 G51 Med Annual-Low Winter	\$ 42,089	\$ 77,646	\$ 141,171	\$ 96,146	\$ 68,530	\$ 35,744	\$ 16,631	\$ 11,252	\$ 11,075	\$ 10,422	\$ 13,601	\$ 24,545	\$ 548,853	\$ 461,326	\$ 87,527
33 G41 Med Annual-High Winter	\$ 200,633	\$ 419,619	\$ 810,153	\$ 532,810	\$ 362,503	\$ 159,796	\$ 43,416	\$ 11,524	\$ 9,889	\$ 6,233	\$ 25,442	\$ 91,999	\$ 2,674,016	\$ 2,485,513	\$ 188,503
34 G52 High Annual-Low Winter	\$ 6,847	\$ 10,026	\$ 14,753	\$ 10,667	\$ 7,895	\$ 3,896	\$ 3,993	\$ 4,117	\$ 4,446	\$ 4,600	\$ 4,657	\$ 5,610	\$ 81,508	\$ 54,084	\$ 27,424
35 G42 High Annual-High Winter	\$ 26,668	\$ 55,660	\$ 107,363	\$ 70,646	\$ 48,100	\$ 21,265	\$ 5,855	\$ 1,400	\$ 1,415	\$ 843	\$ 3,475	\$ 12,288	\$ 354,979	\$ 329,703	\$ 25,276
36 Non-Grandfathered T50 Low Annual-Low Winter	\$ 3,904	\$ 7,740	\$ 14,588	\$ 9,729	\$ 6,746	\$ 3,200	\$ 1,152	\$ 593	\$ 560	\$ 516	\$ 832	\$ 2,004	\$ 51,563	\$ 45,906	\$ 5,658
37 Non-Grandfathered T40 Low Annual-High Winter	\$ 14,885	\$ 30,953	\$ 59,609	\$ 39,260	\$ 26,765	\$ 11,894	\$ 3,351	\$ 1,011	\$ 889	\$ 662	\$ 2,030	\$ 6,916	\$ 198,227	\$ 183,367	\$ 14,861
38 Non-Grandfathered T51 Med Annual-Low Winter	\$ 14,579	\$ 26,222	\$ 47,031	\$ 32,289	\$ 23,250	\$ 12,525	\$ 6,249	\$ 4,556	\$ 4,421	\$ 4,472	\$ 5,248	\$ 8,843	\$ 189,684	\$ 155,896	\$ 33,788
39 Non-Grandfathered T41 Med Annual-High Winter	\$ 75,599	\$ 157,139	\$ 302,565	\$ 199,297	\$ 135,887	\$ 60,421	\$ 17,066	\$ 5,192	\$ 4,572	\$ 3,451	\$ 10,363	\$ 35,159	\$ 1,006,710	\$ 930,908	\$ 75,802
40 Non-Grandfathered T52 High Annual-Low Winter	\$ 5,143	\$ 9,023	\$ 15,962	\$ 11,049	\$ 8,038	\$ 4,467	\$ 2,369	\$ 1,805	\$ 1,743	\$ 1,792	\$ 2,032	\$ 3,234	\$ 66,659	\$ 53,683	\$ 12,976
41 Non-Grandfathered T42 High Annual-High Winter	\$ 28,433	\$ 59,274	\$ 114,276	\$ 75,217	\$ 51,233	\$ 22,687	\$ 6,293	\$ 1,801	\$ 1,569	\$ 1,039	\$ 3,759	\$ 13,135	\$ 378,717	\$ 351,120	\$ 27,597
42 Non-Grandfathered Special Contracts	\$ 24,247	\$ 32,204	\$ 46,597	\$ 36,533	\$ 30,409	\$ 23,271	\$ 18,658	\$ 17,508	\$ 17,240	\$ 17,656	\$ 17,805	\$ 20,468	\$ 302,596	\$ 193,261	\$ 109,335
43 TOTAL	\$ 1,135,280	\$ 2,323,773	\$ 4,442,865	\$ 2,937,627	\$ 2,013,194	\$ 912,563	\$ 281,766	\$ 108,656	\$ 100,229	\$ 82,638	\$ 184,638	\$ 545,341	\$ 15,068,570	\$ 13,765,302	\$ 1,303,265
44															
45 Residential	\$ 431,542	\$ 897,477	\$ 1,728,469	\$ 1,138,371	\$ 776,030	\$ 344,793	\$ 97,068	\$ 29,213	\$ 25,677	\$ 18,424	\$ 58,769	\$ 200,450	\$ 5,746,283	\$ 5,316,682	\$ 429,600
46 SALES HLF CLASSES	\$ 87,910	\$ 119,458	\$ 210,648	\$ 145,315	\$ 104,989	\$ 56,441	\$ 30,451	\$ 23,143	\$ 23,302	\$ 22,873	\$ 26,948	\$ 41,723	\$ 873,201	\$ 704,761	\$ 168,440
47 SALES LLF CLASSES	\$ 469,038	\$ 984,283	\$ 1,903,120	\$ 1,250,567	\$ 849,848	\$ 372,864	\$ 99,108	\$ 23,833	\$ 20,257	\$ 11,753	\$ 56,851	\$ 213,409	\$ 6,254,930	\$ 5,829,718	\$ 425,211
48 Non-Grandfathered HLF CLASSES	\$ 47,873	\$ 75,189	\$ 124,178	\$ 89,600	\$ 68,443	\$ 43,464	\$ 28,428	\$ 24,462	\$ 23,963	\$ 24,436	\$ 25,917	\$ 34,549	\$ 610,502	\$ 448,746	\$ 161,756
49 Non-Grandfathered LLF CLASSES	\$ 118,918	\$ 247,366	\$ 476,451	\$ 313,774	\$ 213,885	\$ 95,002	\$ 26,710	\$ 8,004	\$ 7,030	\$ 5,152	\$ 16,153	\$ 55,210	\$ 1,583,655	\$ 1,465,394	\$ 118,260
														91.67%	8.33%

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 TOTAL COMMODITY AND CAPACITY															
2 Res Heat	\$ 2,003,456	\$ 3,331,049	\$ 4,711,218	\$ 3,753,378	\$ 2,932,750	\$ 1,633,111	\$ 698,520	\$ 367,009	\$ 379,040	\$ 326,117	\$ 523,169	\$ 1,175,615	\$ 21,834,430	\$ 18,364,961	\$ 3,469,469
3 Res General	\$ 30,346	\$ 39,757	\$ 49,564	\$ 43,164	\$ 37,016	\$ 27,771	\$ 21,529	\$ 19,480	\$ 19,977	\$ 19,161	\$ 20,862	\$ 22,714	\$ 351,342	\$ 227,619	\$ 123,723
4 G50 Low Annual-Low Winter	\$ 162,977	\$ 218,540	\$ 254,920	\$ 232,991	\$ 208,708	\$ 174,118	\$ 153,271	\$ 137,954	\$ 150,648	\$ 146,041	\$ 153,294	\$ 136,176	\$ 2,129,637	\$ 1,252,254	\$ 877,383
5 G40 Low Annual-High Winter	\$ 1,064,735	\$ 1,831,619	\$ 2,629,508	\$ 2,073,296	\$ 1,600,822	\$ 850,362	\$ 309,965	\$ 116,128	\$ 112,724	\$ 88,227	\$ 204,688	\$ 583,853	\$ 11,465,927	\$ 10,050,342	\$ 1,415,585
6 G51 Med Annual-Low Winter	\$ 310,111	\$ 411,595	\$ 516,328	\$ 447,941	\$ 382,653	\$ 282,817	\$ 215,784	\$ 193,223	\$ 219,469	\$ 195,268	\$ 208,576	\$ 257,103	\$ 3,640,869	\$ 2,351,445	\$ 1,289,424
7 G41 Med Annual-High Winter	\$ 913,592	\$ 1,544,299	\$ 2,199,303	\$ 1,743,903	\$ 1,355,173	\$ 737,686	\$ 293,867	\$ 134,861	\$ 147,815	\$ 117,640	\$ 209,067	\$ 520,384	\$ 9,917,589	\$ 8,493,956	\$ 1,423,633
8 G52 High Annual-Low Winter	\$ 83,681	\$ 100,158	\$ 92,284	\$ 74,943	\$ 67,013	\$ 35,556	\$ 66,980	\$ 74,531	\$ 86,360	\$ 85,441	\$ 86,892	\$ 89,957	\$ 943,797	\$ 453,635	\$ 490,162
9 G42 High Annual-High Winter	\$ 123,494	\$ 206,566	\$ 293,000	\$ 232,951	\$ 181,605	\$ 100,291	\$ 41,985	\$ 14,678	\$ 23,543	\$ 16,165	\$ 30,874	\$ 71,900	\$ 1,337,052	\$ 1,137,908	\$ 199,144
10 Non-Grandfathered T50 Low Annual-Low Winter	\$ 26,015	\$ 38,924	\$ 51,568	\$ 42,971	\$ 35,041	\$ 22,335	\$ 13,256	\$ 9,774	\$ 10,105	\$ 9,614	\$ 11,688	\$ 18,246	\$ 289,537	\$ 216,854	\$ 72,683
11 Non-Grandfathered T40 Low Annual-High Winter	\$ 81,131	\$ 134,767	\$ 187,554	\$ 150,973	\$ 118,519	\$ 65,799	\$ 27,421	\$ 13,511	\$ 13,385	\$ 12,334	\$ 20,026	\$ 47,260	\$ 872,679	\$ 738,742	\$ 133,937
12 Non-Grandfathered T51 Med Annual-Low Winter	\$ 130,915	\$ 171,491	\$ 210,423	\$ 185,225	\$ 159,499	\$ 119,414	\$ 92,164	\$ 82,777	\$ 82,813	\$ 82,958	\$ 88,949	\$ 109,401	\$ 1,516,028	\$ 976,966	\$ 539,067
13 Non-Grandfathered T41 Med Annual-High Winter	\$ 414,102	\$ 685,716	\$ 953,210	\$ 767,907	\$ 603,312	\$ 336,399	\$ 142,241	\$ 71,906	\$ 68,434	\$ 64,227	\$ 104,789	\$ 242,808	\$ 4,455,053	\$ 3,760,647	\$ 694,406
14 Non-Grandfathered T52 High Annual-Low Winter	\$ 49,046	\$ 62,716	\$ 75,765	\$ 67,459	\$ 58,706	\$ 45,189	\$ 36,116	\$ 31,744	\$ 33,049	\$ 33,279	\$ 35,207	\$ 42,090	\$ 570,365	\$ 358,880	\$ 211,485
15 Non-Grandfathered T42 High Annual-High Winter	\$ 152,448	\$ 255,818	\$ 357,419	\$ 286,958	\$ 224,547	\$ 122,934	\$ 48,790	\$ 21,872	\$ 24,732	\$ 19,631	\$ 34,456	\$ 86,917	\$ 1,636,523	\$ 1,400,124	\$ 236,399
16 Non-Grandfathered Special Contracts	\$ 354,457	\$ 414,060	\$ 423,661	\$ 444,278	\$ 375,121	\$ 397,694	\$ 378,924	\$ 380,310	\$ 340,599	\$ 328,605	\$ 361,905	\$ 367,152	\$ 4,566,766	\$ 2,409,271	\$ 2,157,495
17 TOTAL	\$ 5,900,506	\$ 9,447,075	\$ 13,005,724	#####	\$ 8,340,485	\$ 4,951,476	\$ 2,540,814	\$ 1,669,757	\$ 1,712,694	\$ 1,544,707	\$ 2,094,443	\$ 3,771,576	\$ 65,527,594	\$ 52,193,603	\$ 13,333,991
18															
19 Residential	\$ 2,033,802	\$ 3,370,805	\$ 4,760,782	\$ 3,796,542	\$ 2,969,766	\$ 1,660,883	\$ 720,049	\$ 386,489	\$ 399,017	\$ 345,278	\$ 544,031	\$ 1,198,329	\$ 22,185,772	\$ 18,592,579	\$ 3,593,192
20 SALES HLF CLASSES	\$ 556,769	\$ 730,292	\$ 863,532	\$ 755,875	\$ 658,374	\$ 492,491	\$ 436,036	\$ 405,708	\$ 456,478	\$ 426,750	\$ 448,763	\$ 483,236	\$ 6,714,303	\$ 4,057,334	\$ 2,656,969
21 SALES LLF CLASSES	\$ 2,101,821	\$ 3,582,484	\$ 5,121,810	\$ 4,050,150	\$ 3,137,600	\$ 1,688,339	\$ 645,816	\$ 265,667	\$ 284,082	\$ 222,031	\$ 444,629	\$ 1,176,137	\$ 22,720,568	\$ 19,682,206	\$ 3,038,362
22 Non-Grandfathered HLF CLASSES	\$ 560,433	\$ 687,191	\$ 761,417	\$ 739,933	\$ 628,367	\$ 584,631	\$ 520,461	\$ 504,605	\$ 466,566	\$ 454,455	\$ 497,749	\$ 536,889	\$ 6,942,697	\$ 3,961,972	\$ 2,980,725
23 Non-Grandfathered LLF CLASSES	\$ 647,681	\$ 1,076,301	\$ 1,498,183	\$ 1,205,838	\$ 946,378	\$ 525,132	\$ 218,452	\$ 107,289	\$ 106,551	\$ 96,193	\$ 159,272	\$ 376,985	\$ 6,964,255	\$ 5,899,513	\$ 1,064,742