

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)
	<u>DEMAND:</u>			
1	Pipeline/Product Charges	\$2,834,322	\$819,669	\$3,653,990
2	Capacity Credits	(\$502,002)	\$0	(\$502,002)
3	Total Pipeline/Product	\$2,332,320	\$819,669	\$3,151,988
4	Base Load Costs	\$683,425	\$683,425	\$1,366,851
5	Remaining Pipeline	\$1,648,894	\$136,243	\$1,785,138
6	Storage Demand	\$8,131,215	\$594,738	\$8,725,953
7	Peaking Demand	\$1,258,012	\$0	\$1,258,012
8	Off System Credits	\$0	\$0	\$0
9	Total Demand Costs	\$11,721,547	\$1,414,407	\$13,135,953
10	<u>COMMODITY:</u>			
11	Pipeline/Product Commodity Charges	\$11,196,951	\$9,287,026	\$20,483,978
12	Base Load	\$8,081,490	\$7,629,121	\$15,710,611
13	Remaining Pipeline	\$3,115,462	\$1,657,905	\$4,773,367
14	Storage Commodity	\$13,466,188	\$30,684	\$13,496,873
15	Peaking Commodity	\$2,894,915	\$238,085	\$3,133,000
16	Interruptible Included Above	\$ (34,137)	\$ (150,695)	\$ (184,832)
17	Hedging (Gain)/Loss	\$724,151	\$126,764	\$850,915
18	Total Commodity (Lines 14 + 18)	\$28,248,069	\$9,531,864	\$37,779,933
19	Total Demand and Commodity	\$39,969,615	\$10,946,271	\$50,915,886

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

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Supply Volumes - therms															
2															
3 Total Pipeline	1,782,249	2,273,030	2,352,917	2,120,732	1,873,148	3,371,986	2,313,520	1,398,726	1,571,526	1,261,010	1,611,931	3,084,439	25,015,214	13,774,062	11,241,152
Total Storage	2,737,062	4,052,104	4,881,425	4,104,209	3,408,308	353	0	0	0	0	0	0	19,183,459	19,183,459	0
4 Total Peaking	<u>271,900</u>	<u>689,929</u>	<u>971,114</u>	<u>731,449</u>	<u>773,767</u>	<u>560,892</u>	<u>8,000</u>	<u>7,833</u>	<u>8,944</u>	<u>8,165</u>	<u>7,807</u>	<u>8,056</u>	<u>4,047,855</u>	<u>3,999,050</u>	<u>48,804</u>
5 Subtotal	4,791,211	7,015,062	8,205,456	6,956,390	6,055,222	3,933,231	2,321,521	1,406,559	1,580,470	1,269,175	1,619,737	3,092,494	48,246,528	36,956,572	11,289,956
6 Less Interruptible	24,556	4,312	0	0	6,252	15,675	27,041	27,649	28,883	26,366	26,052	27,516	214,302	50,795	163,506
7 Less Company Use	<u>23,040</u>	<u>31,900</u>	<u>36,650</u>	<u>32,230</u>	<u>28,280</u>	<u>19,740</u>	<u>12,870</u>	<u>9,310</u>	<u>8,820</u>	<u>8,840</u>	<u>10,290</u>	<u>16,350</u>	<u>238,320</u>	<u>171,840</u>	<u>66,480</u>
8 Total Firm	4,743,615	6,978,850	8,168,806	6,924,160	6,020,690	3,897,816	2,281,610	1,369,600	1,542,767	1,233,968	1,583,396	3,048,628	47,793,907	36,733,937	11,059,970
9 Usage (Firm Sales)	<u>4,696,590</u>	<u>6,909,710</u>	<u>8,087,890</u>	<u>6,855,570</u>	<u>5,961,070</u>	<u>3,859,230</u>	<u>2,259,010</u>	<u>1,356,020</u>	<u>1,537,510</u>	<u>1,221,750</u>	<u>1,567,720</u>	<u>3,018,480</u>	<u>47,330,550</u>	<u>36,370,060</u>	<u>10,960,490</u>
10 Difference	47,025	69,140	80,916	68,590	59,620	38,586	22,600	13,580	5,257	12,218	15,676	30,148	463,357	363,877	99,480
11 Percent	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%	1%	1%	1%	1%
12															
13															
14 Variable Costs															
15															
16 Total Pipeline	\$ 1,273,946	\$ 1,851,847	\$ 2,024,810	\$ 1,829,409	\$ 1,575,265	\$ 2,641,674	\$ 1,799,355	\$ 1,090,114	\$ 1,240,260	\$ 1,003,545	\$ 1,296,828	\$ 2,856,924	\$ 20,483,978	\$ 11,196,951	\$ 9,287,026
Total Storage	\$ 1,950,768	\$ 2,835,258	\$ 3,407,189	\$ 2,859,435	\$ 2,369,235	\$ 44,304	\$ 15,165	\$ 820	\$ 1,991	\$ 3,032	\$ 4,234	\$ 5,442	\$ 13,496,873	\$ 13,466,188	\$ 30,684
Total Peaking	\$ <u>225,322</u>	\$ <u>446,047</u>	\$ <u>731,166</u>	\$ <u>528,354</u>	\$ <u>552,237</u>	\$ <u>411,790</u>	\$ <u>45,205</u>	\$ <u>39,451</u>	\$ <u>37,322</u>	\$ <u>27,947</u>	\$ <u>21,362</u>	\$ <u>66,799</u>	\$ <u>3,133,000</u>	\$ <u>2,894,915</u>	\$ <u>238,085</u>
18 Subtotal	\$ 3,450,037	\$ 5,133,152	\$ 6,163,165	\$ 5,217,198	\$ 4,496,737	\$ 3,097,767	\$ 1,859,724	\$ 1,130,386	\$ 1,279,574	\$ 1,034,523	\$ 1,322,424	\$ 2,929,164	\$ 37,113,850	\$ 27,558,055	\$ 9,555,795
19 Total Interruptible Incl Above	\$ <u>19,547</u>	\$ <u>453</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>625</u>	\$ <u>13,512</u>	\$ <u>23,417</u>	\$ <u>24,829</u>	\$ <u>26,572</u>	\$ <u>25,127</u>	\$ <u>24,801</u>	\$ <u>25,947</u>	\$ <u>184,832</u>	\$ <u>34,137</u>	\$ <u>150,695</u>
Hedging (Gain)/Loss	\$ <u>125,079</u>	\$ <u>157,581</u>	\$ <u>135,797</u>	\$ <u>109,979</u>	\$ <u>100,374</u>	\$ <u>95,341</u>							\$ <u>724,151</u>	\$ <u>724,151</u>	\$ <u>-</u>
20 Total (Without Interr)	\$ 3,555,569	\$ 5,290,280	\$ 6,298,962	\$ 5,327,177	\$ 4,596,486	\$ 3,179,596	\$ 1,836,307	\$ 1,105,556	\$ 1,253,002	\$ 1,009,396	\$ 1,297,622	\$ 2,903,217	\$ 37,653,169	\$ 28,248,069	\$ 9,405,100
21															
22															
23 Supply Cost/Therm	(Includes all variable costs, both supplier and transportation)														
24															
25 Total Pipeline	\$0.715	\$0.815	\$0.861	\$0.863	\$0.841	\$0.783	\$0.778	\$0.779	\$0.789	\$0.796	\$0.805	\$0.926	\$0.819		
26 Total Storage	\$0.713	\$0.700	\$0.698	\$0.697	\$0.695	\$125.537	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.704		
27 Total Peaking	\$0.829	\$0.647	\$0.753	\$0.722	\$0.714	\$0.734	\$5.650	\$5.036	\$4.173	\$3.423	\$2.736	\$8.292	\$0.774		
28 Subtotal	\$0.720	\$0.732	\$0.751	\$0.750	\$0.743	\$0.788	\$0.801	\$0.804	\$0.810	\$0.815	\$0.816	\$0.947	\$0.769		
29 Interruptible	\$0.796	\$0.105	\$0.000	\$0.000	\$0.100	\$0.862	\$0.866	\$0.898	\$0.920	\$0.953	\$0.952	\$0.943	\$0.862		
30 Total	\$0.750	\$0.758	\$0.771	\$0.769	\$0.763	\$0.816	\$0.805	\$0.807	\$0.812	\$0.818	\$0.820	\$0.952	\$0.788		
31															
32															
33 Commodity Costs															
34															
35 Pipeline Average Cost	\$ 0.715	\$ 0.815	\$ 0.861	\$ 0.863	\$ 0.841	\$ 0.783	\$ 0.778	\$ 0.779	\$ 0.789	\$ 0.796	\$ 0.805	\$ 0.926	\$ 0.819	\$ 0.813	\$ 0.826
36 Base Commodity, therms	1,319,131	1,388,380	1,388,380	1,298,807	1,388,380	1,298,411	1,296,880	1,204,995	1,366,345	1,211,945	1,231,811	1,317,145	15,710,611	8,081,490	7,629,121
37															
38 Base Commodity Cost	\$ 942,911	\$ 1,131,119	\$ 1,194,775	\$ 1,120,391	\$ 1,167,588	\$ 1,017,198	\$ 1,008,656	\$ 939,128	\$ 1,078,330	\$ 964,498	\$ 991,015	\$ 1,219,990	\$ 12,775,599	\$ 6,573,983	\$ 6,201,616
39															
40 Remaining Commodity	\$ 2,612,658	\$ 4,159,161	\$ 5,104,187	\$ 4,206,786	\$ 3,428,897	\$ 2,162,398	\$ 827,651	\$ 166,429	\$ 174,672	\$ 44,899	\$ 306,607	\$ 1,683,228	\$ 24,877,570	\$ 21,674,086	\$ 3,203,484
41															
42 Total Commodity	\$ 3,555,569	\$ 5,290,280	\$ 6,298,962	\$ 5,327,177	\$ 4,596,486	\$ 3,179,596	\$ 1,836,307	\$ 1,105,556	\$ 1,253,002	\$ 1,009,396	\$ 1,297,622	\$ 2,903,217	\$ 37,653,169	\$ 28,248,069	\$ 9,405,100

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

1 DEVELOPMENT OF BASE AND REMAINING DEMAND COSTS:

2		Total		
3		MDQ	Costs	Unit Cost
4				
5	Pipeline & Product Demand	11,973	\$3,653,990	\$ 305.19
6	Less: Base Use	4,479	<u>\$1,366,851</u>	
7	Remaining Pipeline Use	<u>7,494</u>	<u>\$2,287,140</u>	

10 BASE DEMAND COSTS ALLOCATED BY MONTH:

11		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	Winter	Summer
12																
13	BASE DEMAND COSTS	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$1,366,851	\$683,425	\$683,425

16 DETAIL OF TOTAL REMAINING DEMAND COSTS:

17	Pipeline - Base	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$113,904	\$1,366,851	\$683,425	\$683,425
18	Pipeline - Remaining	\$179,091	\$388,680	\$784,186	\$394,563	\$280,947	\$123,429	\$38,651	\$4,991	\$5,390	\$619	\$11,955	\$74,636	\$2,287,140	\$2,150,896	\$136,243
19	Storage & Peaking	\$781,781	\$1,696,689	\$3,423,178	\$1,722,372	\$1,226,406	\$538,802	\$168,723	\$21,788	\$23,530	\$2,704	\$52,185	\$325,807	\$9,983,965	\$9,389,227	\$594,738
20																
21	TOTAL	\$1,074,776	\$2,199,273	\$4,321,268	\$2,230,839	\$1,621,257	\$776,135	\$321,278	\$140,684	\$142,825	\$117,227	\$178,044	\$514,348	\$13,637,955	\$12,223,549	\$1,414,407
22																
23	Less: Capacity Release	\$509,872														
24																
25	Total for Working Capital	\$13,128,083														
26																
27	Demand Cost Deducts															
28	Interruptible Margins	\$0														
29	Off System Sales Margins	\$0														
30	Other	\$0														
31	TOTAL DEDUCTS	\$0														
32																
33	Grand Total - Capacity	\$13,128,083														

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			
				Sensitive			
	Design Day Forecast	% of Total	Design Day Base	% of Total	Design Day	% of	
	<u>NH</u>	<u>Total</u>	<u>NH</u>	<u>Total</u>	<u>NH</u>	<u>Total</u>	
6 Res Heat	21,764	36.80%	1,197	24.92%	20,567	37.85%	
7 Res General	184	0.31%	72	1.50%	112	0.21%	
8 G50 Low Annual-Low Winter	1,579	2.67%	1,219	25.38%	360	0.66%	
9 G40 Low Annual-High Winter	11,866	20.06%	327	6.81%	11,539	21.23%	
10 G51 Med Annual-Low Winter	2,772	4.69%	893	18.59%	1,879	3.46%	
11 G41 Med Annual-High Winter	11,798	19.95%	388	8.08%	11,410	21.00%	
12 G52 High Annual-Low Winter	1,454	2.46%	247	5.14%	1,207	2.22%	
13 G42 High Annual-High Winter	3,926	6.64%	161	3.35%	3,765	6.93%	
14 Non-Grandfathered T50 Low Annual-Low Winter	60	0.10%	8	0.17%	52	0.10%	
15 Non-Grandfathered T40 Low Annual-High Winter	292	0.49%	19	0.40%	273	0.50%	
16 Non-Grandfathered T51 Med Annual-Low Winter	404	0.68%	99	2.06%	305	0.56%	
17 Non-Grandfathered T41 Med Annual-High Winter	2,378	4.02%	115	2.39%	2,263	4.16%	
18 Non-Grandfathered T52 High Annual-Low Winter	41	0.07%	12	0.25%	29	0.05%	
19 Non-Grandfathered T42 High Annual-High Winter	628	1.06%	46	0.96%	582	1.07%	
20 Non-Grandfathered Special Contracts	59,146		4,803		54,343		
21							
22 Residential	21,948	37.11%	1,269	26.42%	20,679	38.05%	
23 SALES HLF CLASSES	5,805	9.81%	2,359	49.12%	3,446	6.34%	
24 SALES LLF CLASSES	27,590	46.65%	876	18.24%	26,714	49.16%	
25 Non-Grandfathered HLF CLASSES	505	0.85%	119	2.48%	386	0.71%	
26 Non-Grandfathered LLF CLASSES	3,298	5.58%	180	3.75%	3,118	5.74%	
27 Grand Total	59,146	100.00%	4,803	100.00%	54,343	100.00%	

1 Northern Utilities - NEW HAMPSHIRE DIVISION

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3 **Summary of Demand and Supply Forecast**

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5 **I. Gas Volumes**

6 **A. Firm Demand Volumes (Therms)**

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Total
Firm Gas Sales	4,148,590	6,095,110	7,132,130	6,047,700	5,260,550	3,410,980	32,095,060
Lost Gas (Unaccounted For)	47,025	69,140	80,916	68,590	59,620	38,586	363,877
Company Use	23,040	31,900	36,650	32,230	28,280	19,740	171,840
Interruptible	24,556	4,312	0	0	6,252	15,675	50,795
Non-Grandfathered Transportation	548,000	814,600	955,760	807,870	700,520	448,250	4,275,000
Unbilled Therms	0	0	0	0	0	0	0
Total Firm Demand Volumes	4,791,211	7,015,062	8,205,456	6,956,390	6,055,222	3,933,231	36,956,572

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15 **B. Supply Volumes (Net Therms)**

16 **Pipeline Gas:**

GSGT PNGTS Deliveries	151,184	161,847	162,984	151,043	160,292	412,086	1,199,435
GSGT TGP Niagra	77,041	258,934	263,115	241,658	75,295	478,839	1,394,882
GSGT TGP Niagra via Chicago	108,582	276,334	208,390	224,973	275,566	352,355	1,446,200
AGT FT Deliveries via Chicago	172,661	35,547	104,254	65,469	33,354	458,853	870,137
AGT FT Deliveries	0	0	4,501	0	0	98,292	102,793
TGP Gulf Coast	1,272,781	1,540,368	1,609,674	1,437,590	1,328,641	1,571,561	8,760,615
Tennessee @ Dracut	0	0	0	0	0	0	0
Huiline	0	0	0	0	0	0	0
Subtotal Pipeline Volumes	1,782,249	2,273,030	2,352,917	2,120,732	1,873,148	3,371,986	13,774,062

26 **Storage:**

TGP FS Stg	61,883	192,315	516,446	255,815	190,468	0	1,216,926
TETCO Stg (SS1, FSS)	2,485	2,555	6,674	6,359	6,122	353	24,548
MCN Stg	2,672,694	3,857,234	4,358,304	3,842,035	3,211,718	0	17,941,986
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Subtotal Storage Volumes	2,737,062	4,052,104	4,881,425	4,104,209	3,408,308	353	19,183,459

35 **Peaking**

Domac	265,282	648,338	726,294	690,454	766,559	552,951	3,649,877
LNG (includes boiloff)	6,618	41,591	83,402	40,996	7,208	7,941	187,755
Propane	0	0	0	0	0	0	0
Duke	0	0	161,418	0	0	0	161,418
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Subtotal Peaking Volumes	271,900	689,929	971,114	731,449	773,767	560,892	3,999,050

Total Firm Sales/Sendout Volumes	4,791,211	7,015,062	8,205,456	6,956,390	6,055,222	3,933,231	36,956,572
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46 **II. Gas Costs**

47 **A. Demand Costs**

48 **Pipeline/Supply Related Demand Costs**

Granite							\$558,589
PNGTS							\$125,691
Algonquin							\$146,829
Iroquois							\$191,525
Tennessee							\$1,195,914
Texas Eastern							\$28,078
Trans Canada							\$299,621
Transco							\$0
Vector							\$229,480
Union							\$58,594
Domac							\$0
Duke							\$0
Other							\$0
TCPL							\$0
Subtotal Pipeline Demand Costs							\$2,834,321

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65 **Storage**

TGP FS Stg							\$146,028
TETCO Stg (SS1, FSS)							\$3,252
Granite Stg							\$0
Trans Canada							\$2,144,401
PNGTS							\$3,898,025
MCN							\$1,500,243
Subtotal Storage Demand Costs							\$7,691,949

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74 **Peaking**

Duke							\$514,204
Domac							\$1,183,073
Other							\$0
Other							\$0
Other							\$0
Subtotal Peaking Demand Costs							\$1,697,278

Capacity Release							(\$502,002)
Off System Credits							\$0

Total Demand Costs							\$11,721,546
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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
4 Res Heat	\$ 865,605	\$ 3,778,595	\$ (192,969)	\$ -	\$ -	\$ -	\$ 4,451,231
5 Res General	\$ 4,714	\$ 20,577	\$ (1,051)	\$ -	\$ -	\$ -	\$ 24,240
6 G50 Low Annual-Low Winter	\$ 15,151	\$ 66,140	\$ (3,378)	\$ -	\$ -	\$ -	\$ 77,913
7 G40 Low Annual-High Winter	\$ 485,643	\$ 2,119,960	\$ (108,264)	\$ -	\$ -	\$ -	\$ 2,497,338
8 G51 Med Annual-Low Winter	\$ 79,082	\$ 345,212	\$ (17,630)	\$ -	\$ -	\$ -	\$ 406,664
9 G41 Med Annual-High Winter	\$ 480,214	\$ 2,096,260	\$ (107,054)	\$ -	\$ -	\$ -	\$ 2,469,419
10 G52 High Annual-Low Winter	\$ 50,799	\$ 221,752	\$ (11,325)	\$ -	\$ -	\$ -	\$ 261,226
11 G42 High Annual-High Winter	\$ 158,458	\$ 691,711	\$ (35,325)	\$ -	\$ -	\$ -	\$ 814,843
12 Non-Grandfathered T50 Low Annual-Low Winter	\$ 2,189	\$ 9,554	\$ (488)	\$ -	\$ -	\$ -	\$ 11,254
13 Non-Grandfathered T40 Low Annual-High Winter	\$ 11,490	\$ 50,156	\$ (2,561)	\$ -	\$ -	\$ -	\$ 59,084
14 Non-Grandfathered T51 Med Annual-Low Winter	\$ 12,837	\$ 56,035	\$ (2,862)	\$ -	\$ -	\$ -	\$ 66,010
15 Non-Grandfathered T41 Med Annual-High Winter	\$ 95,243	\$ 415,761	\$ (21,233)	\$ -	\$ -	\$ -	\$ 489,772
16 Non-Grandfathered T52 High Annual-Low Winter	\$ 1,221	\$ 5,328	\$ (272)	\$ -	\$ -	\$ -	\$ 6,276
17 Non-Grandfathered T42 High Annual-High Winter	\$ 24,495	\$ 106,926	\$ (5,461)	\$ -	\$ -	\$ -	\$ 125,960
19 TOTAL	\$ 2,287,140	\$ 9,983,965	\$ (509,872)	\$ -	\$ -	\$ -	\$ 11,761,232
21 Residential	\$ 870,319	\$ 3,799,172	\$ (194,020)	\$ -	\$ -	\$ -	\$ 4,475,471
22 SALES HLF CLASSES	\$ 145,032	\$ 633,104	\$ (32,332)	\$ -	\$ -	\$ -	\$ 745,804
23 SALES LLF CLASSES	\$ 1,124,315	\$ 4,907,930	\$ (250,644)	\$ -	\$ -	\$ -	\$ 5,781,601
24 Non-Grandfathered HLF CLASSES	\$ 16,246	\$ 70,916	\$ (3,622)	\$ -	\$ -	\$ -	\$ 83,540
25 Non-Grandfathered LLF CLASSES	\$ 131,228	\$ 572,843	\$ (29,255)	\$ -	\$ -	\$ -	\$ 674,816

Proportional Responsibility (PR) Allocator

	Remaining Load	Rank	%WINTER	PR	CumPR	Remaining Load No Off Peak	Rank	%WINTER	PR	CumPR
33 NOV	3,424,469	5	50.51%	2.434%	7.830%	3,424,469	5	50.51%	2.434%	8.823%
34 DEC	5,590,450	3	82.45%	4.710%	16.994%	5,590,450	3	82.45%	4.710%	17.987%
35 JAN	6,780,400	1	100.00%	17.035%	34.287%	6,780,400	1	100.00%	17.035%	35.280%
36 FEB	5,625,333	2	82.96%	0.257%	17.251%	5,625,333	2	82.96%	0.257%	18.244%
37 MAR	4,632,300	4	68.32%	4.453%	12.284%	4,632,300	4	68.32%	4.453%	13.277%
38 APR	2,599,399	6	38.34%	2.133%	5.397%	2,599,399	6	38.34%	6.389%	6.389%
39 MAY	984,730	8	14.52%	1.167%	1.690%					
40 JUN	164,605	11	2.43%	0.191%	0.218%					
41 JUL	176,435	10	2.60%	0.017%	0.236%					
42 AUG	22,035	12	0.32%	0.027%	0.027%					
43 SEP	351,579	9	5.19%	0.287%	0.523%					
44 OCT	1,731,495	7	25.54%	1.573%	3.263%	5.957%				
45 TOTAL	32,083,229			34.287%	100.000%	28,652,350				100.000%

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

1 REMAINING COMMODITY COSTS BY CLASS		(From Commodity tab)												(Allocate to classes based on Remaining Sendout)		
2		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
3																
4																
5	TOT REMAINING COMMODITY	\$ 2,612,658	\$ 4,159,161	\$ 5,104,187	\$ 4,206,786	\$ 3,428,897	\$ 2,162,398	\$ 827,651	\$ 166,429	\$ 174,672	\$ 44,899	\$ 306,607	\$ 1,683,228	\$ 24,877,570	\$ 21,674,086	\$ 3,203,484
6																
7	Res Heat	\$ 986,836	\$ 1,568,588	\$ 1,917,394	\$ 1,577,628	\$ 1,298,118	\$ 815,910	\$ 311,765	\$ 56,841	\$ 28,238	\$ 7,258	\$ 110,352	\$ 640,887	\$ 9,319,815	\$ 8,164,474	\$ 1,155,342
8	Res General	\$ 7,428	\$ 11,223	\$ 13,757	\$ 12,105	\$ 9,271	\$ 6,211	\$ 2,173	\$ 856	\$ 2,196	\$ 564	\$ 1,183	\$ 4,545	\$ 71,511	\$ 59,996	\$ 11,516
10	G50 Low Annual-Low Winter	\$ 26,817	\$ 37,946	\$ 46,616	\$ 44,791	\$ 31,219	\$ 22,760	\$ 3,971	\$ 6,066	\$ 3,111	\$ 800	\$ 6,767	\$ 2,707	\$ 233,573	\$ 210,150	\$ 23,423
11	G40 Low Annual-High Winter	\$ 591,533	\$ 942,800	\$ 1,151,871	\$ 942,949	\$ 780,693	\$ 489,102	\$ 191,433	\$ 34,635	\$ 8,770	\$ 2,254	\$ 66,885	\$ 390,575	\$ 5,593,501	\$ 4,898,949	\$ 694,553
12	G51 Med Annual-Low Winter	\$ 68,383	\$ 100,920	\$ 123,735	\$ 112,445	\$ 83,230	\$ 57,542	\$ 20,911	\$ 11,568	\$ 9,399	\$ 2,416	\$ 14,024	\$ 36,843	\$ 641,417	\$ 546,256	\$ 95,162
13	G41 Med Annual-High Winter	\$ 528,914	\$ 841,627	\$ 1,028,339	\$ 843,703	\$ 696,864	\$ 437,495	\$ 170,959	\$ 32,242	\$ 12,431	\$ 3,195	\$ 60,862	\$ 348,803	\$ 5,005,434	\$ 4,376,941	\$ 628,493
14	G52 High Annual-Low Winter	\$ 84,295	\$ 130,423	\$ 161,431	\$ 135,357	\$ 109,230	\$ 69,984	\$ 26,925	\$ 7,105	\$ 6,922	\$ 1,779	\$ 11,335	\$ 54,940	\$ 799,726	\$ 690,720	\$ 109,006
15	G42 High Annual-High Winter	\$ -	\$ 18,134	\$ 40,233	\$ 26,002	\$ 648	\$ -	\$ -	\$ -	\$ 91,833	\$ 23,605	\$ -	\$ -	\$ 200,456	\$ 85,017	\$ 115,438
16	Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,775	\$ 15,501	\$ 18,944	\$ 15,614	\$ 12,832	\$ 8,088	\$ 3,148	\$ 649	\$ 40	\$ 10	\$ 1,162	\$ 6,431	\$ 92,191	\$ 80,752	\$ 11,439
17	Non-Grandfathered T40 Low Annual-High Winter	\$ 35,957	\$ 57,219	\$ 69,919	\$ 57,365	\$ 47,381	\$ 29,748	\$ 11,624	\$ 2,194	\$ 898	\$ 231	\$ 4,133	\$ 23,710	\$ 340,379	\$ 297,589	\$ 42,790
18	Non-Grandfathered T51 Med Annual-Low Winter	\$ 24,943	\$ 38,516	\$ 47,124	\$ 40,306	\$ 31,837	\$ 20,767	\$ 7,859	\$ 2,602	\$ 3,274	\$ 842	\$ 3,771	\$ 12,161	\$ 234,002	\$ 203,493	\$ 30,508
19	Non-Grandfathered T41 Med Annual-High Winter	\$ 179,743	\$ 285,739	\$ 349,134	\$ 286,835	\$ 236,580	\$ 148,711	\$ 58,061	\$ 11,216	\$ 1,074	\$ 276	\$ 20,898	\$ 118,453	\$ 1,696,721	\$ 1,486,742	\$ 209,978
20	Non-Grandfathered T52 High Annual-Low Winter	\$ 2,215	\$ 4,274	\$ 5,236	\$ 4,683	\$ 3,527	\$ 2,399	\$ -	\$ -	\$ 365	\$ 94	\$ 544	\$ 1,794	\$ 25,130	\$ 22,334	\$ 2,796
21	Non-Grandfathered T42 High Annual-High Winter	\$ 65,818	\$ 106,251	\$ 130,454	\$ 107,002	\$ 87,467	\$ 53,681	\$ 18,823	\$ 454	\$ 6,121	\$ 1,573	\$ 4,691	\$ 41,378	\$ 623,713	\$ 550,673	\$ 73,041
22																
23	TOTAL	\$ 2,612,658	\$ 4,159,161	\$ 5,104,187	\$ 4,206,786	\$ 3,428,897	\$ 2,162,398	\$ 827,651	\$ 166,429	\$ 174,672	\$ 44,899	\$ 306,607	\$ 1,683,228	\$ 24,877,570	\$ 21,674,086	\$ 3,203,484
24																
25	Residential	\$ 994,264	\$ 1,579,811	\$ 1,931,151	\$ 1,589,733	\$ 1,307,390	\$ 822,121	\$ 313,938	\$ 57,696	\$ 30,434	\$ 7,823	\$ 111,535	\$ 645,432	\$ 9,391,327	\$ 8,224,469	\$ 1,166,857
26	SALES HLF CLASSES	\$ 179,495	\$ 269,290	\$ 331,783	\$ 292,593	\$ 223,678	\$ 150,287	\$ 51,807	\$ 24,739	\$ 19,432	\$ 4,995	\$ 32,126	\$ 94,490	\$ 1,674,717	\$ 1,447,125	\$ 227,591
27	SALES LLF CLASSES	\$ 1,120,447	\$ 1,802,561	\$ 2,220,442	\$ 1,812,654	\$ 1,478,205	\$ 926,598	\$ 362,392	\$ 66,877	\$ 113,035	\$ 29,055	\$ 127,747	\$ 739,378	\$ 10,799,391	\$ 9,360,907	\$ 1,438,484
28	Non-Grandfathered HLF CLASSES	\$ 36,933	\$ 58,291	\$ 71,304	\$ 60,603	\$ 48,195	\$ 31,253	\$ 11,006	\$ 3,251	\$ 3,679	\$ 946	\$ 5,476	\$ 20,385	\$ 351,323	\$ 306,580	\$ 44,744
29	Non-Grandfathered LLF CLASSES	\$ 281,518	\$ 449,209	\$ 549,507	\$ 451,202	\$ 371,429	\$ 232,139	\$ 88,507	\$ 13,864	\$ 8,092	\$ 2,080	\$ 29,723	\$ 183,542	\$ 2,660,813	\$ 2,335,004	\$ 325,809
30																
31																
32	REMAINING PIPELINE DEMAND															
33																
34		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
35																
36	MONTHLY PR DEMAND %	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%
37																
38	Res Heat	\$ 67,780	\$ 147,102	\$ 296,788	\$ 149,329	\$ 106,329	\$ 46,714	\$ 14,628	\$ 1,889	\$ 2,040	\$ 234	\$ 4,524	\$ 28,247	\$ 865,605	\$ 814,042	\$ 51,564
39	Res General	\$ 369	\$ 801	\$ 1,616	\$ 813	\$ 579	\$ 254	\$ 80	\$ 10	\$ 11	\$ 1	\$ 25	\$ 154	\$ 4,714	\$ 4,433	\$ 281
40	G50 Low Annual-Low Winter	\$ 1,186	\$ 2,575	\$ 5,195	\$ 2,614	\$ 1,861	\$ 818	\$ 256	\$ 33	\$ 36	\$ 4	\$ 79	\$ 494	\$ 15,151	\$ 14,249	\$ 903
41	G40 Low Annual-High Winter	\$ 38,028	\$ 82,531	\$ 166,511	\$ 83,780	\$ 59,655	\$ 26,209	\$ 8,207	\$ 1,060	\$ 1,145	\$ 132	\$ 2,538	\$ 15,848	\$ 485,643	\$ 456,714	\$ 28,929
42	G51 Med Annual-Low Winter	\$ 6,192	\$ 13,439	\$ 27,115	\$ 13,643	\$ 9,714	\$ 4,268	\$ 1,336	\$ 173	\$ 186	\$ 21	\$ 413	\$ 2,581	\$ 79,082	\$ 74,371	\$ 4,711
43	G41 Med Annual-High Winter	\$ 37,602	\$ 81,608	\$ 164,650	\$ 82,844	\$ 58,988	\$ 25,916	\$ 8,115	\$ 1,048	\$ 1,132	\$ 130	\$ 2,510	\$ 15,671	\$ 480,214	\$ 451,608	\$ 28,606
44	G52 High Annual-Low Winter	\$ 3,978	\$ 8,633	\$ 17,417	\$ 8,764	\$ 6,240	\$ 2,741	\$ 858	\$ 111	\$ 120	\$ 14	\$ 266	\$ 1,658	\$ 50,799	\$ 47,773	\$ 3,026
45	G42 High Annual-High Winter	\$ 12,408	\$ 26,929	\$ 54,330	\$ 27,336	\$ 19,465	\$ 8,551	\$ 2,678	\$ 346	\$ 373	\$ 43	\$ 828	\$ 5,171	\$ 158,458	\$ 149,019	\$ 9,439
46	Non-Grandfathered T50 Low Annual-Low Winter	\$ 171	\$ 372	\$ 750	\$ 378	\$ 269	\$ 118	\$ 37	\$ 5	\$ 5	\$ 1	\$ 11	\$ 71	\$ 2,189	\$ 2,058	\$ 130
47	Non-Grandfathered T40 Low Annual-High Winter	\$ 900	\$ 1,953	\$ 3,939	\$ 1,982	\$ 1,411	\$ 620	\$ 194	\$ 25	\$ 27	\$ 3	\$ 60	\$ 375	\$ 11,490	\$ 10,805	\$ 684
48	Non-Grandfathered T51 Med Annual-Low Winter	\$ 1,005	\$ 2,181	\$ 4,401	\$ 2,214	\$ 1,577	\$ 693	\$ 217	\$ 28	\$ 30	\$ 3	\$ 67	\$ 419	\$ 12,837	\$ 12,072	\$ 765
49	Non-Grandfathered T41 Med Annual-High Winter	\$ 7,458	\$ 16,186	\$ 32,656	\$ 16,431	\$ 11,699	\$ 5,140	\$ 1,610	\$ 208	\$ 224	\$ 26	\$ 498	\$ 3,108	\$ 95,243	\$ 89,570	\$ 5,674
50	Non-Grandfathered T52 High Annual-Low Winter	\$ 96	\$ 207	\$ 418	\$ 211	\$ 150	\$ 66	\$ 21	\$ 3	\$ 3	\$ 0	\$ 6	\$ 40	\$ 1,221	\$ 1,148	\$ 73
51	Non-Grandfathered T42 High Annual-High Winter	\$ 1,918	\$ 4,163	\$ 8,398	\$ 4,226	\$ 3,009	\$ 1,322	\$ 414	\$ 53	\$ 58	\$ 7	\$ 128	\$ 799	\$ 24,495	\$ 23,036	\$ 1,459
52																
53	TOTAL	\$ 179,091	\$ 388,680	\$ 784,186	\$ 394,563	\$ 280,947	\$ 123,429	\$ 38,651	\$ 4,991	\$ 5,390	\$ 619	\$ 11,955	\$ 74,636	\$ 2,287,140	\$ 2,150,896	\$ 136,243
54																
55	Residential	\$ 68,149	\$ 147,903	\$ 298,404	\$ 150,142	\$ 106,908	\$ 46,968	\$ 14,708	\$ 1,899	\$ 2,051	\$ 236	\$ 4,549	\$ 28,401	\$ 870,319	\$ 818,475	\$ 51,844
56	SALES HLF CLASSES	\$ 11,357	\$ 24,647	\$ 49,727	\$ 25,020	\$ 17,815	\$ 7,827	\$ 2,451	\$ 317	\$ 342	\$ 39	\$ 758	\$ 4,733	\$ 145,032	\$ 136,393	\$ 8,639
57	SALES LLF CLASSES	\$ 88,038	\$ 191,068	\$ 385,491	\$ 193,960	\$ 138,108	\$ 60,676	\$ 19,000	\$ 2,454	\$ 2,650	\$ 304	\$ 5,877	\$ 36,690	\$ 1,124,315	\$ 1,057,340	\$ 66,975
58	Non-Grandfathered HLF CLASSES	\$ 1,272	\$ 2,761	\$ 5,570	\$ 2,803	\$ 1,996	\$ 877	\$ 275	\$ 35	\$ 38	\$ 4	\$ 85	\$ 530	\$ 16,246	\$ 15,278	\$ 968
59	Non-Grandfathered LLF CLASSES	\$ 10,276	\$ 22,301	\$ 44,994	\$ 22,639	\$ 16,120	\$ 7,082	\$ 2,218	\$ 286	\$ 309	\$ 36	\$ 686	\$ 4,282	\$ 131,228	\$ 123,410	\$ 7,817

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

1	PEAKING AND STORAGE DEMAND																		
2																			
3																			
4																			
5	MONTHLY PR DEMAND %	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%			
6																			
7	Res Heat	\$ 295,878	\$ 642,140	\$ 1,295,558	\$ 651,860	\$ 464,153	\$ 203,918	\$ 63,856	\$ 8,246	\$ 8,905	\$ 1,023	\$ 19,750	\$ 123,307	\$ 3,778,595	\$ 3,553,507	\$ 225,088			
8	Res General	\$ 1,611	\$ 3,497	\$ 7,055	\$ 3,550	\$ 2,528	\$ 1,110	\$ 348	\$ 45	\$ 48	\$ 6	\$ 108	\$ 671	\$ 20,577	\$ 19,351	\$ 1,226			
10	G50 Low Annual-Low Winter	\$ 5,179	\$ 11,240	\$ 22,677	\$ 11,410	\$ 8,124	\$ 3,569	\$ 1,118	\$ 144	\$ 156	\$ 18	\$ 346	\$ 2,158	\$ 66,140	\$ 62,200	\$ 3,940			
11	G40 Low Annual-High Winter	\$ 166,001	\$ 360,269	\$ 726,866	\$ 365,722	\$ 260,411	\$ 114,407	\$ 35,826	\$ 4,626	\$ 4,996	\$ 574	\$ 11,081	\$ 69,181	\$ 2,119,960	\$ 1,993,675	\$ 126,285			
12	G51 Med Annual-Low Winter	\$ 27,031	\$ 58,666	\$ 118,362	\$ 59,554	\$ 42,405	\$ 18,630	\$ 5,834	\$ 753	\$ 814	\$ 93	\$ 1,804	\$ 11,265	\$ 345,212	\$ 324,648	\$ 20,564			
13	G41 Med Annual-High Winter	\$ 164,145	\$ 356,241	\$ 718,740	\$ 361,634	\$ 257,499	\$ 113,128	\$ 35,425	\$ 4,575	\$ 4,940	\$ 568	\$ 10,957	\$ 68,407	\$ 2,096,260	\$ 1,971,387	\$ 124,873			
14	G52 High Annual-Low Winter	\$ 17,364	\$ 37,685	\$ 76,031	\$ 38,255	\$ 27,239	\$ 11,967	\$ 3,747	\$ 484	\$ 523	\$ 60	\$ 1,159	\$ 7,236	\$ 221,752	\$ 208,542	\$ 13,210			
15	G42 High Annual-High Winter	\$ 54,163	\$ 117,550	\$ 237,165	\$ 119,330	\$ 84,968	\$ 37,329	\$ 11,689	\$ 1,510	\$ 1,630	\$ 187	\$ 3,616	\$ 22,573	\$ 691,711	\$ 650,506	\$ 41,205			
16	Non-Grandfathered T50 Low Annual-Low Winter	\$ 748	\$ 1,624	\$ 3,276	\$ 1,648	\$ 1,174	\$ 516	\$ 161	\$ 21	\$ 23	\$ 3	\$ 50	\$ 312	\$ 9,554	\$ 8,984	\$ 569			
17	Non-Grandfathered T40 Low Annual-High Winter	\$ 3,927	\$ 8,524	\$ 17,197	\$ 8,653	\$ 6,161	\$ 2,707	\$ 848	\$ 109	\$ 118	\$ 14	\$ 262	\$ 1,637	\$ 50,156	\$ 47,168	\$ 2,988			
18	Non-Grandfathered T51 Med Annual-Low Winter	\$ 4,388	\$ 9,523	\$ 19,213	\$ 9,667	\$ 6,883	\$ 3,024	\$ 947	\$ 122	\$ 132	\$ 15	\$ 293	\$ 1,829	\$ 56,035	\$ 52,697	\$ 3,338			
19	Non-Grandfathered T41 Med Annual-High Winter	\$ 32,556	\$ 70,655	\$ 142,551	\$ 71,725	\$ 51,071	\$ 22,437	\$ 7,026	\$ 907	\$ 980	\$ 113	\$ 2,173	\$ 13,568	\$ 415,761	\$ 390,995	\$ 24,767			
20	Non-Grandfathered T52 High Annual-Low Winter	\$ 417	\$ 905	\$ 1,827	\$ 919	\$ 654	\$ 288	\$ 90	\$ 12	\$ 13	\$ 1	\$ 28	\$ 174	\$ 5,328	\$ 5,011	\$ 317			
21	Non-Grandfathered T42 High Annual-High Winter	\$ 8,373	\$ 18,171	\$ 36,661	\$ 18,446	\$ 13,134	\$ 5,770	\$ 1,807	\$ 233	\$ 252	\$ 29	\$ 559	\$ 3,489	\$ 106,926	\$ 100,556	\$ 6,369			
22																			
23	TOTAL	\$ 781,781	\$ 1,696,689	\$ 3,423,178	\$ 1,722,372	\$ 1,226,406	\$ 538,802	\$ 168,723	\$ 21,788	\$ 23,530	\$ 2,704	\$ 52,185	\$ 325,807	\$ 9,983,965	\$ 9,389,227	\$ 594,738			
24																			
25	Residential	\$ 297,489	\$ 645,637	\$ 1,302,613	\$ 655,410	\$ 466,681	\$ 205,029	\$ 64,204	\$ 8,291	\$ 8,954	\$ 1,029	\$ 19,858	\$ 123,979	\$ 3,799,172	\$ 3,572,858	\$ 226,314			
26	SALES HLF CLASSES	\$ 49,574	\$ 107,591	\$ 217,071	\$ 109,219	\$ 77,769	\$ 34,167	\$ 10,699	\$ 1,382	\$ 1,492	\$ 171	\$ 3,309	\$ 20,660	\$ 633,104	\$ 595,390	\$ 37,714			
27	SALES LLF CLASSES	\$ 384,309	\$ 834,061	\$ 1,682,770	\$ 846,686	\$ 602,878	\$ 264,865	\$ 82,941	\$ 10,711	\$ 11,567	\$ 1,329	\$ 25,653	\$ 160,161	\$ 4,907,930	\$ 4,615,568	\$ 292,362			
28	Non-Grandfathered HLF CLASSES	\$ 5,553	\$ 12,052	\$ 24,315	\$ 12,234	\$ 8,711	\$ 3,827	\$ 1,198	\$ 155	\$ 167	\$ 19	\$ 371	\$ 70,916	\$ 66,692	\$ 4,224				
29	Non-Grandfathered LLF CLASSES	\$ 44,856	\$ 97,350	\$ 196,409	\$ 98,823	\$ 70,367	\$ 30,914	\$ 9,681	\$ 1,250	\$ 1,350	\$ 155	\$ 2,994	\$ 18,694	\$ 572,843	\$ 538,719	\$ 34,124			
30	REMAINING CAPACITY RELEASE COSTS BY CLASS																		
31																			
32																			
33																			
34	MONTHLY DEMAND %	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%			
35																			
36	Res Heat	\$ (15,110)	\$ (32,794)	\$ (66,163)	\$ (33,290)	\$ (23,704)	\$ (10,414)	\$ (3,261)	\$ (421)	\$ (455)	\$ (52)	\$ (1,009)	\$ (6,297)	\$ (192,969)	\$ (181,474)	\$ (11,495)			
37	Res General	\$ (82)	\$ (179)	\$ (360)	\$ (181)	\$ (129)	\$ (57)	\$ (18)	\$ (2)	\$ (2)	\$ (0)	\$ (5)	\$ (34)	\$ (1,051)	\$ (988)	\$ (63)			
38	G50 Low Annual-Low Winter	\$ (264)	\$ (574)	\$ (1,158)	\$ (583)	\$ (415)	\$ (182)	\$ (57)	\$ (7)	\$ (8)	\$ (1)	\$ (18)	\$ (110)	\$ (3,378)	\$ (3,176)	\$ (201)			
39	G40 Low Annual-High Winter	\$ (8,477)	\$ (18,399)	\$ (37,120)	\$ (18,677)	\$ (13,299)	\$ (5,843)	\$ (1,830)	\$ (236)	\$ (255)	\$ (29)	\$ (566)	\$ (3,533)	\$ (108,264)	\$ (101,815)	\$ (6,449)			
40	G51 Med Annual-Low Winter	\$ (1,380)	\$ (2,996)	\$ (6,045)	\$ (3,041)	\$ (2,166)	\$ (951)	\$ (298)	\$ (38)	\$ (42)	\$ (5)	\$ (92)	\$ (575)	\$ (17,630)	\$ (16,579)	\$ (1,050)			
41	G41 Med Annual-High Winter	\$ (8,383)	\$ (18,193)	\$ (36,705)	\$ (18,468)	\$ (13,150)	\$ (5,777)	\$ (1,809)	\$ (234)	\$ (252)	\$ (29)	\$ (560)	\$ (3,494)	\$ (107,054)	\$ (100,677)	\$ (6,377)			
42	G52 High Annual-Low Winter	\$ (887)	\$ (1,925)	\$ (3,883)	\$ (1,954)	\$ (1,391)	\$ (611)	\$ (191)	\$ (25)	\$ (27)	\$ (3)	\$ (59)	\$ (370)	\$ (11,325)	\$ (10,650)	\$ (675)			
43	G42 High Annual-High Winter	\$ (2,766)	\$ (6,003)	\$ (12,112)	\$ (6,094)	\$ (4,339)	\$ (1,906)	\$ (597)	\$ (77)	\$ (83)	\$ (10)	\$ (185)	\$ (1,153)	\$ (35,325)	\$ (33,221)	\$ (2,104)			
44	Non-Grandfathered T50 Low Annual-Low Winter	\$ (38)	\$ (83)	\$ (167)	\$ (84)	\$ (60)	\$ (26)	\$ (8)	\$ (1)	\$ (1)	\$ (0)	\$ (3)	\$ (16)	\$ (488)	\$ (459)	\$ (29)			
45	Non-Grandfathered T40 Low Annual-High Winter	\$ (201)	\$ (435)	\$ (878)	\$ (442)	\$ (315)	\$ (138)	\$ (43)	\$ (6)	\$ (6)	\$ (1)	\$ (13)	\$ (84)	\$ (2,561)	\$ (2,409)	\$ (153)			
46	Non-Grandfathered T51 Med Annual-Low Winter	\$ (224)	\$ (486)	\$ (981)	\$ (494)	\$ (352)	\$ (154)	\$ (48)	\$ (6)	\$ (7)	\$ (1)	\$ (15)	\$ (93)	\$ (2,862)	\$ (2,691)	\$ (170)			
47	Non-Grandfathered T41 Med Annual-High Winter	\$ (1,663)	\$ (3,608)	\$ (7,280)	\$ (3,663)	\$ (2,608)	\$ (1,146)	\$ (359)	\$ (46)	\$ (50)	\$ (6)	\$ (111)	\$ (693)	\$ (21,233)	\$ (19,968)	\$ (1,265)			
48	Non-Grandfathered T52 High Annual-Low Winter	\$ (21)	\$ (46)	\$ (93)	\$ (47)	\$ (33)	\$ (15)	\$ (5)	\$ (1)	\$ (1)	\$ (0)	\$ (1)	\$ (9)	\$ (272)	\$ (256)	\$ (16)			
49	Non-Grandfathered T42 High Annual-High Winter	\$ (428)	\$ (928)	\$ (1,872)	\$ (942)	\$ (671)	\$ (295)	\$ (92)	\$ (12)	\$ (13)	\$ (1)	\$ (29)	\$ (178)	\$ (5,461)	\$ (5,135)	\$ (325)			
50																			
51	TOTAL	\$ (39,925)	\$ (86,648)	\$ (174,819)	\$ (87,960)	\$ (62,631)	\$ (27,516)	\$ (8,617)	\$ (1,113)	\$ (1,202)	\$ (138)	\$ (2,665)	\$ (16,639)	\$ (509,872)	\$ (479,499)	\$ (30,373)			
52																			
53	Residential	\$ (15,192)	\$ (32,972)	\$ (66,523)	\$ (33,471)	\$ (23,833)	\$ (10,471)	\$ (3,279)	\$ (423)	\$ (457)	\$ (53)	\$ (1,014)	\$ (6,331)	\$ (194,020)	\$ (182,463)	\$ (11,558)			
54	SALES HLF CLASSES	\$ (2,532)	\$ (5,495)	\$ (11,086)	\$ (5,578)	\$ (3,972)	\$ (1,745)	\$ (546)	\$ (71)	\$ (76)	\$ (9)	\$ (169)	\$ (1,055)	\$ (32,332)	\$ (30,406)	\$ (1,926)			
55	SALES LLF CLASSES	\$ (19,626)	\$ (42,595)	\$ (85,938)	\$ (43,239)	\$ (30,788)	\$ (13,526)	\$ (4,236)	\$ (547)	\$ (591)	\$ (68)	\$ (1,310)	\$ (8,179)	\$ (250,644)	\$ (235,713)	\$ (14,931)			
56	Non-Grandfathered HLF CLASSES	\$ (284)	\$ (615)	\$ (1,242)	\$ (625)	\$ (445)	\$ (195)	\$ (61)	\$ (8)	\$ (9)	\$ (1)	\$ (19)	\$ (118)	\$ (3,622)	\$ (3,406)	\$ (216)			
57	Non-Grandfathered LLF CLASSES	\$ (2,291)	\$ (4,972)	\$ (10,030)	\$ (5,047)	\$ (3,594)	\$ (1,579)	\$ (494)	\$ (64)	\$ (69)	\$ (8)	\$ (153)	\$ (955)	\$ (29,255)	\$ (27,512)	\$ (1,743)			
58																			
59																			
60																			

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

1 REMAINING INTERRUPTIBLE MARGINS BY CLASS

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
5 MONTHLY P&S Total	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%
7 Res Heat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 Res General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 G50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 G40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11 G51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 G41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 G52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14 G42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 Non-Grandfathered T50 Low Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16 Non-Grandfathered T40 Low Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17 Non-Grandfathered T51 Med Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18 Non-Grandfathered T41 Med Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19 Non-Grandfathered T52 High Annual-Low Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20 Non-Grandfathered T42 High Annual-High Winter	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22 TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24 SALES HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25 SALES LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 Non-Grandfathered HLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27 Non-Grandfathered LLF CLASSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

30 REMAINING OFF SYSTEM REVENUES

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
34 MONTHLY DEMAND %	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
51 TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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 Alloctor (SMBA) Calculations
REMAINING COSTS

REMAINING A&G BY CLASS

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 MONTHLY DEMAND %	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%
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															
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-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
26															
27															
28															
29 MONTHLY PR DEMAND %	7.830%	16.994%	34.287%	17.251%	12.284%	5.397%	1.690%	0.218%	0.236%	0.027%	0.523%	3.263%	100.000%	94.043%	5.957%
30															
31 Res Heat	\$ 348,547	\$ 756,449	\$ 1,526,183	\$ 767,899	\$ 546,778	\$ 240,218	\$ 75,223	\$ 9,714	\$ 10,491	\$ 1,205	\$ 23,266	\$ 145,257	\$ 4,451,231	\$ 4,186,075	\$ 265,157
32 Res General	\$ 1,898	\$ 4,119	\$ 8,311	\$ 4,182	\$ 2,978	\$ 1,308	\$ 410	\$ 53	\$ 57	\$ 7	\$ 127	\$ 791	\$ 24,240	\$ 22,796	\$ 1,444
33 G50 Low Annual-Low Winter	\$ 6,101	\$ 13,241	\$ 26,714	\$ 13,441	\$ 9,571	\$ 4,205	\$ 1,317	\$ 170	\$ 184	\$ 21	\$ 407	\$ 2,543	\$ 77,913	\$ 73,272	\$ 4,641
34 G40 Low Annual-High Winter	\$ 195,551	\$ 424,401	\$ 856,256	\$ 430,825	\$ 306,767	\$ 134,773	\$ 42,203	\$ 5,450	\$ 5,886	\$ 676	\$ 13,053	\$ 81,496	\$ 2,497,338	\$ 2,348,574	\$ 148,765
35 G51 Med Annual-Low Winter	\$ 31,843	\$ 69,109	\$ 139,432	\$ 70,155	\$ 49,954	\$ 21,946	\$ 6,872	\$ 887	\$ 958	\$ 110	\$ 2,126	\$ 13,271	\$ 406,664	\$ 382,440	\$ 24,225
36 G41 Med Annual-High Winter	\$ 193,364	\$ 419,657	\$ 846,684	\$ 426,009	\$ 303,337	\$ 133,266	\$ 41,732	\$ 5,389	\$ 5,820	\$ 669	\$ 12,907	\$ 80,585	\$ 2,469,419	\$ 2,322,318	\$ 147,102
37 G52 High Annual-Low Winter	\$ 20,455	\$ 44,393	\$ 89,566	\$ 45,065	\$ 32,088	\$ 14,098	\$ 4,415	\$ 570	\$ 616	\$ 71	\$ 1,365	\$ 8,525	\$ 261,226	\$ 245,665	\$ 15,561
38 G42 High Annual-High Winter	\$ 63,805	\$ 138,476	\$ 279,383	\$ 140,572	\$ 100,093	\$ 43,974	\$ 13,770	\$ 1,778	\$ 1,920	\$ 221	\$ 4,259	\$ 26,591	\$ 814,843	\$ 766,304	\$ 48,540
39 Non-Grandfathered T50 Low Annual-Low Winter	\$ 881	\$ 1,913	\$ 3,859	\$ 1,941	\$ 1,382	\$ 607	\$ 190	\$ 25	\$ 27	\$ 3	\$ 59	\$ 367	\$ 11,254	\$ 10,584	\$ 670
40 Non-Grandfathered T40 Low Annual-High Winter	\$ 4,627	\$ 10,041	\$ 20,258	\$ 10,193	\$ 7,258	\$ 3,189	\$ 998	\$ 129	\$ 139	\$ 16	\$ 309	\$ 1,928	\$ 59,084	\$ 55,565	\$ 3,520
41 Non-Grandfathered T51 Med Annual-Low Winter	\$ 5,169	\$ 11,218	\$ 22,633	\$ 11,388	\$ 8,108	\$ 3,562	\$ 1,116	\$ 144	\$ 156	\$ 18	\$ 345	\$ 2,154	\$ 66,010	\$ 62,078	\$ 3,932
42 Non-Grandfathered T41 Med Annual-High Winter	\$ 38,351	\$ 83,233	\$ 167,927	\$ 84,492	\$ 60,162	\$ 26,431	\$ 8,277	\$ 1,069	\$ 1,154	\$ 133	\$ 2,560	\$ 15,983	\$ 489,772	\$ 460,596	\$ 29,175
43 Non-Grandfathered T52 High Annual-Low Winter	\$ 491	\$ 1,067	\$ 2,152	\$ 1,083	\$ 771	\$ 339	\$ 106	\$ 14	\$ 15	\$ 2	\$ 33	\$ 205	\$ 6,276	\$ 5,902	\$ 374
44 Non-Grandfathered T42 High Annual-High Winter	\$ 9,863	\$ 21,406	\$ 43,188	\$ 21,730	\$ 15,473	\$ 6,798	\$ 2,129	\$ 275	\$ 297	\$ 34	\$ 658	\$ 4,110	\$ 125,960	\$ 118,457	\$ 7,503
45															
46 TOTAL	\$ 920,947	\$ 1,998,721	\$ 4,032,546	\$ 2,028,975	\$ 1,444,721	\$ 634,715	\$ 198,757	\$ 25,667	\$ 27,719	\$ 3,185	\$ 61,475	\$ 383,805	\$ 11,761,232	\$ 11,060,624	\$ 700,609
47															
48 Residential	\$ 350,446	\$ 760,568	\$ 1,534,494	\$ 772,080	\$ 549,756	\$ 241,526	\$ 75,633	\$ 9,767	\$ 10,548	\$ 1,212	\$ 23,393	\$ 146,048	\$ 4,475,471	\$ 4,208,870	\$ 266,601
49 SALES HLF CLASSES	\$ 58,399	\$ 126,743	\$ 255,712	\$ 128,661	\$ 91,613	\$ 40,249	\$ 12,604	\$ 1,628	\$ 1,758	\$ 202	\$ 3,898	\$ 24,338	\$ 745,804	\$ 701,377	\$ 44,427
50 SALES LLF CLASSES	\$ 452,720	\$ 982,534	\$ 1,982,324	\$ 997,406	\$ 710,198	\$ 312,014	\$ 97,705	\$ 12,617	\$ 13,626	\$ 1,566	\$ 30,220	\$ 188,671	\$ 5,781,601	\$ 5,437,195	\$ 344,406
51 Non-Grandfathered HLF CLASSES	\$ 6,542	\$ 14,197	\$ 28,643	\$ 14,412	\$ 10,262	\$ 4,508	\$ 1,412	\$ 182	\$ 197	\$ 23	\$ 437	\$ 2,726	\$ 83,540	\$ 78,564	\$ 4,976
52 Non-Grandfathered LLF CLASSES	\$ 52,841	\$ 114,679	\$ 231,373	\$ 116,415	\$ 82,893	\$ 36,418	\$ 11,404	\$ 1,473	\$ 1,590	\$ 183	\$ 3,527	\$ 22,021	\$ 674,816	\$ 634,618	\$ 40,198
53															
54															

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

REMAINING TOTAL COSTS BY CLASS

	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 Res Heat	\$ 1,335,384	\$ 2,325,036	\$ 3,443,577	\$ 2,345,527	\$ 1,844,897	\$ 1,056,128	\$ 386,988	\$ 66,555	\$ 38,728	\$ 8,464	\$ 133,618	\$ 786,145	\$ 13,771,047	\$ 12,350,548	\$ 1,420,498
2 Res General	\$ 9,326	\$ 15,342	\$ 22,068	\$ 16,287	\$ 12,249	\$ 7,519	\$ 2,582	\$ 908	\$ 2,253	\$ 571	\$ 1,309	\$ 5,336	\$ 95,751	\$ 82,791	\$ 12,960
3 G50 Low Annual-Low Winter	\$ 32,918	\$ 51,187	\$ 73,330	\$ 58,232	\$ 40,789	\$ 26,965	\$ 5,288	\$ 6,237	\$ 3,295	\$ 821	\$ 7,175	\$ 5,250	\$ 311,487	\$ 283,422	\$ 28,065
4 G40 Low Annual-High Winter	\$ 787,084	\$ 1,367,201	\$ 2,008,127	\$ 1,373,775	\$ 1,087,460	\$ 623,875	\$ 233,636	\$ 40,085	\$ 14,656	\$ 2,931	\$ 79,938	\$ 472,071	\$ 8,090,840	\$ 7,247,523	\$ 843,317
5 G51 Med Annual-Low Winter	\$ 100,226	\$ 170,029	\$ 263,167	\$ 182,600	\$ 133,183	\$ 79,489	\$ 27,784	\$ 12,455	\$ 10,358	\$ 2,526	\$ 16,150	\$ 50,114	\$ 1,048,082	\$ 928,695	\$ 119,387
6 G41 Med Annual-High Winter	\$ 722,278	\$ 1,261,283	\$ 1,875,023	\$ 1,269,712	\$ 1,000,202	\$ 570,762	\$ 212,690	\$ 37,631	\$ 18,251	\$ 3,864	\$ 73,769	\$ 429,388	\$ 7,474,854	\$ 6,699,259	\$ 775,594
7 G52 High Annual-Low Winter	\$ 104,750	\$ 174,816	\$ 250,997	\$ 180,422	\$ 141,318	\$ 84,082	\$ 31,339	\$ 7,675	\$ 7,538	\$ 1,850	\$ 12,700	\$ 63,464	\$ 1,060,952	\$ 936,385	\$ 124,567
8 G42 High Annual-High Winter	\$ 63,805	\$ 156,610	\$ 319,616	\$ 166,574	\$ 100,741	\$ 43,974	\$ 13,770	\$ 1,778	\$ 93,754	\$ 23,826	\$ 4,259	\$ 26,591	\$ 1,015,299	\$ 851,321	\$ 163,978
9 Non-Grandfathered T50 Low Annual-Low Winter	\$ 10,656	\$ 17,413	\$ 22,803	\$ 17,555	\$ 14,214	\$ 8,695	\$ 3,338	\$ 674	\$ 66	\$ 13	\$ 1,220	\$ 6,798	\$ 103,445	\$ 91,336	\$ 12,109
10 Non-Grandfathered T40 Low Annual-High Winter	\$ 40,584	\$ 67,260	\$ 90,177	\$ 67,558	\$ 54,639	\$ 32,936	\$ 12,622	\$ 2,323	\$ 1,037	\$ 247	\$ 4,442	\$ 25,638	\$ 399,463	\$ 353,154	\$ 46,309
11 Non-Grandfathered T51 Med Annual-Low Winter	\$ 30,112	\$ 49,733	\$ 69,757	\$ 51,694	\$ 39,945	\$ 24,329	\$ 8,974	\$ 2,746	\$ 3,430	\$ 859	\$ 4,116	\$ 14,315	\$ 300,012	\$ 265,571	\$ 34,441
12 Non-Grandfathered T41 Med Annual-High Winter	\$ 218,094	\$ 368,971	\$ 517,061	\$ 371,327	\$ 296,742	\$ 175,142	\$ 66,338	\$ 12,285	\$ 2,228	\$ 409	\$ 23,458	\$ 134,436	\$ 2,186,492	\$ 1,947,339	\$ 239,154
13 Non-Grandfathered T52 High Annual-Low Winter	\$ 2,707	\$ 5,341	\$ 7,388	\$ 5,766	\$ 4,298	\$ 2,737	\$ 106	\$ 14	\$ 380	\$ 96	\$ 577	\$ 1,998	\$ 31,407	\$ 28,236	\$ 3,170
14 Non-Grandfathered T42 High Annual-High Winter	\$ 75,681	\$ 127,657	\$ 173,642	\$ 128,731	\$ 102,940	\$ 60,478	\$ 20,951	\$ 729	\$ 6,418	\$ 1,607	\$ 5,349	\$ 45,498	\$ 749,673	\$ 669,129	\$ 80,544
15															
16 TOTAL	\$ 3,533,605	\$ 6,157,881	\$ 9,136,732	\$ 6,235,761	\$ 4,873,618	\$ 2,797,113	\$ 1,026,408	\$ 192,096	\$ 202,391	\$ 48,084	\$ 368,082	\$ 2,067,033	\$ 36,638,803	\$ 32,734,710	\$ 3,904,093
17															
18 Residential	\$ 1,344,710	\$ 2,340,379	\$ 3,465,645	\$ 2,361,814	\$ 1,857,145	\$ 1,063,647	\$ 389,571	\$ 67,463	\$ 40,981	\$ 9,035	\$ 134,928	\$ 791,480	\$ 15,661,444	\$ 14,029,573	\$ 1,631,871
19 SALES HLF CLASSES	\$ 237,894	\$ 396,032	\$ 587,495	\$ 421,254	\$ 315,291	\$ 190,535	\$ 64,411	\$ 26,367	\$ 21,190	\$ 5,197	\$ 36,025	\$ 118,828	\$ 2,420,520	\$ 2,148,502	\$ 272,018
20 SALES LLF CLASSES	\$ 1,573,167	\$ 2,785,094	\$ 4,202,766	\$ 2,810,060	\$ 2,188,403	\$ 1,238,612	\$ 460,097	\$ 79,495	\$ 126,661	\$ 30,621	\$ 157,967	\$ 928,049	\$ 30,352,039	\$ 27,148,651	\$ 3,203,388
21 Non-Grandfathered HLF CLASSES	\$ 43,475	\$ 72,487	\$ 99,947	\$ 75,015	\$ 58,457	\$ 35,762	\$ 12,418	\$ 3,434	\$ 3,876	\$ 968	\$ 5,913	\$ 23,112	\$ 434,863	\$ 385,143	\$ 49,720
22 Non-Grandfathered LLF CLASSES	\$ 334,359	\$ 563,888	\$ 780,880	\$ 567,617	\$ 454,321	\$ 268,557	\$ 99,911	\$ 15,337	\$ 9,683	\$ 2,263	\$ 33,250	\$ 205,563	\$ 3,335,629	\$ 2,969,622	\$ 366,007
23															
24															
25															
26 TOTAL REMAINING COMMODITY COSTS INCLUDING INTERRUPTIBLE															
27															
28															
29															
30 TOTAL REMAINING	\$ 2,632,204	\$ 4,159,614	\$ 5,104,187	\$ 4,206,786	\$ 3,429,522	\$ 2,175,910	\$ 827,651	\$ 166,429	\$ 174,672	\$ 44,899	\$ 306,607	\$ 1,683,228	\$ 24,911,707	\$ 21,708,223	\$ 3,203,484
31															
32 Res Heat	\$ 994,219	\$ 1,568,759	\$ 1,917,394	\$ 1,577,628	\$ 1,298,355	\$ 821,008	\$ 311,765	\$ 56,841	\$ 28,238	\$ 7,258	\$ 110,352	\$ 640,887	\$ 9,332,704	\$ 8,177,363	\$ 1,155,342
33 Res General	\$ 7,484	\$ 11,224	\$ 13,757	\$ 12,105	\$ 9,273	\$ 6,250	\$ 2,173	\$ 856	\$ 2,196	\$ 564	\$ 1,183	\$ 4,545	\$ 71,609	\$ 60,093	\$ 11,516
34 G50 Low Annual-Low Winter	\$ 27,018	\$ 37,951	\$ 46,616	\$ 44,791	\$ 31,224	\$ 22,903	\$ 3,971	\$ 6,066	\$ 3,111	\$ 800	\$ 6,767	\$ 2,707	\$ 233,926	\$ 210,503	\$ 23,423
35 G40 Low Annual-High Winter	\$ 595,959	\$ 942,903	\$ 1,151,871	\$ 942,949	\$ 780,836	\$ 492,159	\$ 191,433	\$ 34,635	\$ 8,770	\$ 2,254	\$ 66,885	\$ 390,575	\$ 5,601,228	\$ 4,906,676	\$ 694,553
36 G51 Med Annual-Low Winter	\$ 68,894	\$ 100,931	\$ 123,735	\$ 112,445	\$ 83,245	\$ 57,902	\$ 20,911	\$ 11,568	\$ 9,399	\$ 2,416	\$ 14,024	\$ 36,843	\$ 642,315	\$ 547,153	\$ 95,162
37 G41 Med Annual-High Winter	\$ 532,871	\$ 841,718	\$ 1,028,339	\$ 843,703	\$ 696,991	\$ 440,229	\$ 170,959	\$ 32,242	\$ 12,431	\$ 3,195	\$ 60,862	\$ 348,803	\$ 5,012,344	\$ 4,383,851	\$ 628,493
38 G52 High Annual-Low Winter	\$ 84,926	\$ 130,437	\$ 161,431	\$ 135,357	\$ 109,250	\$ 70,422	\$ 26,925	\$ 7,105	\$ 6,922	\$ 1,779	\$ 11,335	\$ 54,940	\$ 800,828	\$ 691,822	\$ 109,006
39 G42 High Annual-High Winter	\$ -	\$ 18,136	\$ 40,233	\$ 26,002	\$ 648	\$ -	\$ -	\$ -	\$ 91,833	\$ 23,605	\$ -	\$ -	\$ 200,458	\$ 85,019	\$ 115,438
40 Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,848	\$ 15,502	\$ 18,944	\$ 15,614	\$ 12,834	\$ 8,138	\$ 3,148	\$ 649	\$ 40	\$ 10	\$ 1,162	\$ 6,431	\$ 92,319	\$ 80,880	\$ 11,439
41 Non-Grandfathered T40 Low Annual-High Winter	\$ 36,226	\$ 57,225	\$ 69,919	\$ 57,365	\$ 47,390	\$ 29,934	\$ 11,624	\$ 2,194	\$ 898	\$ 231	\$ 4,133	\$ 23,710	\$ 340,849	\$ 298,059	\$ 42,790
42 Non-Grandfathered T51 Med Annual-Low Winter	\$ 25,130	\$ 38,520	\$ 47,124	\$ 40,306	\$ 31,842	\$ 20,897	\$ 7,859	\$ 2,602	\$ 3,274	\$ 842	\$ 3,771	\$ 12,161	\$ 234,328	\$ 203,820	\$ 30,508
43 Non-Grandfathered T41 Med Annual-High Winter	\$ 181,088	\$ 285,770	\$ 349,134	\$ 286,835	\$ 236,623	\$ 149,640	\$ 58,061	\$ 11,216	\$ 1,074	\$ 276	\$ 20,898	\$ 118,453	\$ 1,699,069	\$ 1,489,090	\$ 209,978
44 Non-Grandfathered T52 High Annual-Low Winter	\$ 2,232	\$ 4,275	\$ 5,236	\$ 4,683	\$ 3,528	\$ 2,414	\$ -	\$ 365	\$ 94	\$ 544	\$ 1,794	\$ 25,163	\$ 307,066	\$ 22,367	\$ 2,796
45 Non-Grandfathered T42 High Annual-High Winter	\$ 66,310	\$ 106,263	\$ 130,454	\$ 107,002	\$ 87,483	\$ 54,016	\$ 18,823	\$ 454	\$ 6,121	\$ 1,573	\$ 4,691	\$ 41,378	\$ 624,568	\$ 551,528	\$ 73,041
46															
47 TOTAL	\$ 2,632,204	\$ 4,159,614	\$ 5,104,187	\$ 4,206,786	\$ 3,429,522	\$ 2,175,910	\$ 827,651	\$ 166,429	\$ 174,672	\$ 44,899	\$ 306,607	\$ 1,683,228	\$ 24,911,707	\$ 21,708,223	\$ 3,203,484
48															
49 Residential	\$ 1,001,703	\$ 1,579,983	\$ 1,931,151	\$ 1,589,733	\$ 1,307,628	\$ 827,258	\$ 313,938	\$ 57,696	\$ 30,434	\$ 7,823	\$ 111,535	\$ 645,432			
50 SALES HLF CLASSES	\$ 180,838	\$ 269,319	\$ 331,783	\$ 292,593	\$ 223,719	\$ 151,226	\$ 51,807	\$ 24,739	\$ 19,432	\$ 4,995	\$ 32,126	\$ 94,490	#REF!	#REF!	#REF!
51 SALES LLF CLASSES	\$ 1,128,829	\$ 1,802,757	\$ 2,220,442	\$ 1,812,654	\$ 1,478,475	\$ 932,388	\$ 362,392	\$ 66,877	\$ 113,035	\$ 29,055	\$ 127,747	\$ 739,378	\$ 20,146,734	\$ 17,552,908	\$ 2,593,825
52 Non-Grandfathered HLF CLASSES	\$ 37,210	\$ 58,297	\$ 71,304	\$ 60,603	\$ 48,204	\$ 31,449	\$ 11,006	\$ 3,251	\$ 3,679	\$ 946	\$ 5,476	\$ 20,385	\$ 351,810	\$ 307,066	\$ 44,744
53 Non-Grandfathered LLF CLASSES	\$ 283,624	\$ 449,258	\$ 549,507	\$ 451,202	\$ 371,496	\$ 233,590	\$ 88,507	\$ 13,864	\$ 8,092	\$ 2,080	\$ 29,723	\$ 183,542	\$ 2,664,486	\$ 2,338,678	\$ 325,809
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-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER	
1	TOTAL REMAINING	\$ 19,547	\$ 453	\$ -	\$ -	\$ 625	\$ 13,512							\$ 34,137	\$ 34,137	\$ -	
2																	
3	Res Heat	\$ 7,383	\$ 171	\$ -	\$ -	\$ 237	\$ 5,098	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,889	\$ 12,889	\$ -	
4	Res General	\$ 56	\$ 1	\$ -	\$ -	\$ 2	\$ 39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 97	\$ 97	\$ -	
5	G50 Low Annual-Low Winter	\$ 201	\$ 4	\$ -	\$ -	\$ 6	\$ 142	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 353	\$ 353	\$ -	
6	G40 Low Annual-High Winter	\$ 4,426	\$ 103	\$ -	\$ -	\$ 142	\$ 3,056	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,727	\$ 7,727	\$ -	
7	G51 Med Annual-Low Winter	\$ 512	\$ 11	\$ -	\$ -	\$ 15	\$ 360	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 897	\$ 897	\$ -	
8	G41 Med Annual-High Winter	\$ 3,957	\$ 92	\$ -	\$ -	\$ 127	\$ 2,734	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,910	\$ 6,910	\$ -	
9	G52 High Annual-Low Winter	\$ 631	\$ 14	\$ -	\$ -	\$ 20	\$ 437	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,102	\$ 1,102	\$ -	
10	G42 High Annual-High Winter	\$ -	\$ 2	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2	\$ 2	\$ -	
11	Non-Grandfathered T50 Low Annual-Low Winter	\$ 73	\$ 2	\$ -	\$ -	\$ 2	\$ 51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 128	\$ 128	\$ -	
12	Non-Grandfathered T40 Low Annual-High Winter	\$ 269	\$ 6	\$ -	\$ -	\$ 9	\$ 186	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 470	\$ 470	\$ -	
13	Non-Grandfathered T51 Med Annual-Low Winter	\$ 187	\$ 4	\$ -	\$ -	\$ 6	\$ 130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 326	\$ 326	\$ -	
14	Non-Grandfathered T41 Med Annual-High Winter	\$ 1,345	\$ 31	\$ -	\$ -	\$ 43	\$ 929	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,348	\$ 2,348	\$ -	
15	Non-Grandfathered T52 High Annual-Low Winter	\$ 17	\$ 0	\$ -	\$ -	\$ 1	\$ 15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33	\$ 33	\$ -	
16	Non-Grandfathered T42 High Annual-High Winter	\$ 492	\$ 12	\$ -	\$ -	\$ 16	\$ 335	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 855	\$ 855	\$ -	
17																	
18	TOTAL	\$ 19,547	\$ 453	\$ -	\$ -	\$ 625	\$ 13,512	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,137	\$ 34,137	\$ -	
19																	
20	SALES HLF CLASSES	\$ 1,398	\$ 31	\$ -	\$ -	\$ 42	\$ 978	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,449	\$ 2,449	\$ -	
21	SALES LLF CLASSES	\$ 15,766	\$ 367	\$ -	\$ -	\$ 506	\$ 10,888	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,527	\$ 27,527	\$ -	
22	Non-Grandfathered HLF CLASSES	\$ 276	\$ 6	\$ -	\$ -	\$ 9	\$ 195	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 487	\$ 487	\$ -	
23	Non-Grandfathered LLF CLASSES	\$ 2,106	\$ 49	\$ -	\$ -	\$ 68	\$ 1,451	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,673	\$ 3,673	\$ -	

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

Summary of Gas Costs

Line	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 BASE COMMODITY															
2 Res Heat	\$ 238,308	\$ 280,670	\$ 296,465	\$ 278,008	\$ 289,719	\$ 261,185	\$ 267,941	\$ 259,833	\$ 271,886	\$ 248,632	\$ 268,220	\$ 319,094	\$ 3,279,960	\$ 1,644,354	\$ 1,635,606
3 Res General	\$ 13,319	\$ 15,687	\$ 16,570	\$ 15,538	\$ 16,193	\$ 14,598	\$ 14,976	\$ 14,523	\$ 15,196	\$ 13,338	\$ 14,991	\$ 17,835	\$ 182,764	\$ 91,906	\$ 90,858
5 G50 Low Annual-Low Winter	\$ 100,894	\$ 118,829	\$ 125,516	\$ 117,702	\$ 122,660	\$ 110,579	\$ 113,440	\$ 110,007	\$ 115,110	\$ 113,262	\$ 113,558	\$ 135,096	\$ 1,396,652	\$ 696,179	\$ 700,473
6 G40 Low Annual-High Winter	\$ 67,130	\$ 79,063	\$ 83,512	\$ 78,313	\$ 81,612	\$ 73,574	\$ 75,477	\$ 73,193	\$ 76,589	\$ 69,301	\$ 75,556	\$ 89,887	\$ 923,207	\$ 463,205	\$ 460,003
7 G51 Med Annual-Low Winter	\$ 172,430	\$ 203,081	\$ 214,510	\$ 201,155	\$ 209,629	\$ 188,983	\$ 193,871	\$ 188,005	\$ 196,726	\$ 189,876	\$ 194,073	\$ 230,883	\$ 2,383,223	\$ 1,189,789	\$ 1,193,435
8 G41 Med Annual-High Winter	\$ 87,792	\$ 103,398	\$ 109,217	\$ 102,417	\$ 106,732	\$ 96,220	\$ 98,709	\$ 95,722	\$ 89,015	\$ 101,002	\$ 98,812	\$ 117,553	\$ 1,206,590	\$ 605,777	\$ 600,813
9 G52 High Annual-Low Winter	\$ 56,878	\$ 66,989	\$ 70,759	\$ 66,354	\$ 69,149	\$ 62,339	\$ 63,951	\$ 62,016	\$ 58,685	\$ 65,437	\$ 64,018	\$ 76,160	\$ 782,734	\$ 392,467	\$ 390,267
10 G42 High Annual-High Winter	\$ 108,878	\$ 148,826	\$ 157,202	\$ 147,415	\$ 153,625	\$ 103,098	\$ 72,160	\$ 30,832	\$ 144,168	\$ 62,337	\$ 52,294	\$ 103,220	\$ 1,284,053	\$ 819,042	\$ 465,011
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ 2,722	\$ 3,206	\$ 3,866	\$ 3,175	\$ 3,309	\$ 2,983	\$ 3,060	\$ 2,968	\$ 3,070	\$ 3,132	\$ 3,064	\$ 3,645	\$ 37,720	\$ 18,782	\$ 18,938
12 Non-Grandfathered T40 Low Annual-High Winter	\$ 5,997	\$ 7,063	\$ 7,461	\$ 6,996	\$ 7,291	\$ 6,573	\$ 6,743	\$ 6,539	\$ 6,842	\$ 6,088	\$ 6,750	\$ 8,030	\$ 82,376	\$ 41,383	\$ 40,993
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 28,389	\$ 33,435	\$ 35,317	\$ 33,118	\$ 34,513	\$ 31,114	\$ 31,919	\$ 30,953	\$ 32,389	\$ 29,700	\$ 31,952	\$ 38,013	\$ 390,815	\$ 195,888	\$ 194,927
14 Non-Grandfathered T41 Med Annual-High Winter	\$ 35,459	\$ 41,762	\$ 44,112	\$ 41,366	\$ 43,108	\$ 38,863	\$ 39,868	\$ 38,661	\$ 40,455	\$ 39,823	\$ 39,909	\$ 47,479	\$ 490,864	\$ 244,669	\$ 246,195
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 6,188	\$ 7,288	\$ 7,698	\$ 7,218	\$ 7,522	\$ 6,782	\$ 5,709	\$ 5,674	\$ 7,059	\$ 6,788	\$ 6,964	\$ 8,285	\$ 83,175	\$ 42,695	\$ 40,480
16 Non-Grandfathered T42 High Annual-High Winter	\$ 18,528	\$ 21,822	\$ 23,050	\$ 21,615	\$ 22,525	\$ 20,307	\$ 20,832	\$ 20,202	\$ 21,139	\$ 15,781	\$ 20,854	\$ 24,809	\$ 251,465	\$ 127,847	\$ 123,617
17															
18 TOTAL	\$ 942,911	\$ 1,131,119	\$ 1,194,775	\$ 1,120,391	\$ 1,167,588	\$ 1,017,198	\$ 1,008,656	\$ 939,128	\$ 1,078,330	\$ 964,498	\$ 991,015	\$ 1,219,990	\$ 12,775,599	\$ 6,573,983	\$ 6,201,616
19															
20 Residential	\$ 251,627	\$ 296,357	\$ 313,035	\$ 293,546	\$ 305,912	\$ 275,783	\$ 282,917	\$ 274,356	\$ 287,082	\$ 261,970	\$ 283,211	\$ 336,928	\$ 3,462,724	\$ 1,736,260	\$ 1,726,464
21 SALES HLF CLASSES	\$ 330,202	\$ 388,899	\$ 410,785	\$ 385,211	\$ 401,438	\$ 361,901	\$ 371,262	\$ 360,028	\$ 370,521	\$ 368,575	\$ 371,649	\$ 442,140	\$ 4,562,609	\$ 2,278,435	\$ 2,284,174
22 SALES LLF CLASSES	\$ 263,800	\$ 331,287	\$ 349,931	\$ 328,145	\$ 341,969	\$ 272,892	\$ 246,346	\$ 199,747	\$ 309,772	\$ 232,640	\$ 226,662	\$ 310,660	\$ 3,413,851	\$ 1,888,024	\$ 1,525,827
23 Non-Grandfathered HLF CLASSES	\$ 37,299	\$ 43,929	\$ 46,401	\$ 43,512	\$ 45,345	\$ 40,879	\$ 40,688	\$ 39,595	\$ 42,519	\$ 39,620	\$ 41,980	\$ 49,943	\$ 511,710	\$ 257,365	\$ 254,345
24 Non-Grandfathered LLF CLASSES	\$ 59,984	\$ 70,647	\$ 74,623	\$ 69,977	\$ 72,925	\$ 65,743	\$ 67,443	\$ 65,402	\$ 68,436	\$ 61,692	\$ 67,513	\$ 80,319	\$ 824,705	\$ 413,899	\$ 410,806
25															
26															
27															
28 REMAINING COMMODITY															
29 Res Heat	\$ 986,836	\$ 1,568,588	\$ 1,917,394	\$ 1,577,628	\$ 1,298,118	\$ 815,910	\$ 311,765	\$ 56,841	\$ 28,238	\$ 7,258	\$ 110,352	\$ 640,887	\$ 9,319,815	\$ 8,164,474	\$ 1,155,342
30 Res General	\$ 7,428	\$ 11,223	\$ 13,757	\$ 12,105	\$ 9,271	\$ 6,211	\$ 2,173	\$ 856	\$ 2,196	\$ 564	\$ 1,183	\$ 4,545	\$ 71,511	\$ 59,996	\$ 11,516
31 G50 Low Annual-Low Winter	\$ 26,817	\$ 37,946	\$ 46,616	\$ 44,791	\$ 31,219	\$ 22,760	\$ 3,971	\$ 6,066	\$ 3,111	\$ 800	\$ 6,767	\$ 2,707	\$ 233,573	\$ 210,150	\$ 23,423
32 G40 Low Annual-High Winter	\$ 591,533	\$ 942,800	\$ 1,151,871	\$ 942,949	\$ 780,693	\$ 489,102	\$ 191,433	\$ 34,635	\$ 8,770	\$ 2,254	\$ 66,885	\$ 390,575	\$ 5,593,501	\$ 4,898,949	\$ 694,553
33 G51 Med Annual-Low Winter	\$ 68,383	\$ 100,920	\$ 123,735	\$ 112,445	\$ 83,230	\$ 57,542	\$ 20,911	\$ 11,568	\$ 9,399	\$ 2,416	\$ 14,024	\$ 36,843	\$ 641,417	\$ 546,256	\$ 95,162
34 G41 Med Annual-High Winter	\$ 528,914	\$ 841,627	\$ 1,028,339	\$ 843,703	\$ 696,864	\$ 437,495	\$ 170,959	\$ 32,242	\$ 12,431	\$ 3,195	\$ 60,862	\$ 348,803	\$ 5,005,434	\$ 4,376,941	\$ 628,493
35 G52 High Annual-Low Winter	\$ 84,295	\$ 130,423	\$ 161,431	\$ 135,357	\$ 109,230	\$ 69,984	\$ 26,925	\$ 7,105	\$ 6,922	\$ 1,779	\$ 11,335	\$ 54,940	\$ 799,726	\$ 690,720	\$ 109,006
36 G42 High Annual-High Winter	\$ -	\$ 18,134	\$ 40,233	\$ 26,002	\$ 648	\$ -	\$ -	\$ -	\$ 91,833	\$ 23,605	\$ -	\$ -	\$ 200,456	\$ 85,017	\$ 115,438
37 Non-Grandfathered T50 Low Annual-Low Winter	\$ 9,775	\$ 15,501	\$ 18,944	\$ 15,614	\$ 12,832	\$ 8,088	\$ 3,148	\$ 649	\$ 40	\$ 10	\$ 1,162	\$ 6,431	\$ 92,191	\$ 80,752	\$ 11,439
38 Non-Grandfathered T40 Low Annual-High Winter	\$ 35,957	\$ 57,219	\$ 69,919	\$ 57,365	\$ 47,381	\$ 29,748	\$ 11,624	\$ 2,194	\$ 898	\$ 231	\$ 4,133	\$ 23,710	\$ 340,379	\$ 297,589	\$ 42,790
39 Non-Grandfathered T51 Med Annual-Low Winter	\$ 24,943	\$ 38,516	\$ 47,124	\$ 40,306	\$ 31,837	\$ 20,767	\$ 7,859	\$ 2,602	\$ 3,274	\$ 842	\$ 3,771	\$ 12,161	\$ 234,002	\$ 203,493	\$ 30,508
40 Non-Grandfathered T41 Med Annual-High Winter	\$ 179,743	\$ 285,739	\$ 349,134	\$ 286,835	\$ 236,580	\$ 148,711	\$ 58,061	\$ 11,216	\$ 1,074	\$ 276	\$ 20,898	\$ 118,453	\$ 1,696,721	\$ 1,486,742	\$ 209,978
41 Non-Grandfathered T52 High Annual-Low Winter	\$ 2,215	\$ 4,274	\$ 5,236	\$ 4,683	\$ 3,527	\$ 2,399	\$ -	\$ -	\$ 365	\$ 94	\$ 544	\$ 1,794	\$ 25,130	\$ 22,334	\$ 2,796
42 Non-Grandfathered T42 High Annual-High Winter	\$ 65,818	\$ 106,251	\$ 130,454	\$ 107,002	\$ 87,467	\$ 53,681	\$ 18,823	\$ 454	\$ 6,121	\$ 1,573	\$ 4,691	\$ 41,378	\$ 623,713	\$ 550,673	\$ 73,041
43															
44 TOTAL	\$ 2,612,658	\$ 4,159,161	\$ 5,104,187	\$ 4,206,786	\$ 3,428,897	\$ 2,162,398	\$ 827,651	\$ 166,429	\$ 174,672	\$ 44,899	\$ 306,607	\$ 1,683,228	\$ 24,877,570	\$ 21,674,086	\$ 3,203,484
45															
46 Residential	\$ 994,264	\$ 1,579,811	\$ 1,931,151	\$ 1,589,733	\$ 1,307,390	\$ 822,121	\$ 313,938	\$ 57,696	\$ 30,434	\$ 7,823	\$ 111,535	\$ 645,432	\$ 9,391,327	\$ 8,224,469	\$ 1,166,857
47 SALES HLF CLASSES	\$ 179,495	\$ 269,290	\$ 331,783	\$ 292,593	\$ 223,678	\$ 150,287	\$ 51,807	\$ 24,739	\$ 19,432	\$ 4,995	\$ 32,126	\$ 94,490	\$ 1,674,717	\$ 1,447,125	\$ 227,591
48 SALES LLF CLASSES	\$ 1,202,447	\$ 1,802,561	\$ 2,220,442	\$ 1,812,654	\$ 1,478,205	\$ 926,598	\$ 362,392	\$ 66,877	\$ 113,035	\$ 29,055	\$ 127,747	\$ 739,378	\$ 10,799,391	\$ 9,360,907	\$ 1,438,484
49 Non-Grandfathered HLF CLASSES	\$ 36,933	\$ 58,291	\$ 71,304	\$ 60,603	\$ 48,195	\$ 31,253	\$ 11,006	\$ 3,251	\$ 3,679	\$ 946	\$ 5,476	\$ 20,385	\$ 351,323	\$ 306,580	\$ 44,744
50 Non-Grandfathered LLF CLASSES	\$ 281,518	\$ 449,209	\$ 549,507	\$ 451,202	\$ 371,429	\$ 232,139	\$ 88,507	\$ 13,864	\$ 8,092	\$ 2,080	\$ 29,723	\$ 183,542	\$ 2,660,813	\$ 2,335,004	\$ 325,809
51															
52															

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

Summary of Gas Costs

Line	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 TOTAL COMMODITY															
2 Res Heat	\$ 1,225,144	\$ 1,849,257	\$ 2,213,858	\$ 1,855,636	\$ 1,587,837	\$ 1,077,095	\$ 579,706	\$ 316,674	\$ 300,124	\$ 255,890	\$ 378,572	\$ 959,981	\$ 12,599,775	\$ 9,808,828	\$ 2,790,947
3 Res General	\$ 20,748	\$ 26,910	\$ 30,327	\$ 27,644	\$ 25,464	\$ 20,809	\$ 17,148	\$ 15,378	\$ 17,392	\$ 13,902	\$ 16,174	\$ 22,379	\$ 254,276	\$ 151,901	\$ 102,374
4 G50 Low Annual-Low Winter	\$ 127,711	\$ 156,775	\$ 172,132	\$ 162,493	\$ 153,879	\$ 133,340	\$ 117,411	\$ 116,073	\$ 118,221	\$ 114,062	\$ 120,325	\$ 137,804	\$ 1,630,225	\$ 906,329	\$ 723,896
5 G40 Low Annual-High Winter	\$ 658,663	\$ 1,021,863	\$ 1,235,383	\$ 1,021,262	\$ 862,306	\$ 562,677	\$ 266,910	\$ 107,828	\$ 85,359	\$ 71,555	\$ 142,441	\$ 480,462	\$ 6,516,709	\$ 5,362,154	\$ 1,154,555
6 G51 Med Annual-Low Winter	\$ 240,813	\$ 304,002	\$ 338,245	\$ 313,600	\$ 292,859	\$ 246,525	\$ 214,783	\$ 199,573	\$ 206,125	\$ 192,292	\$ 208,097	\$ 267,727	\$ 3,024,641	\$ 1,736,044	\$ 1,288,597
7 G41 Med Annual-High Winter	\$ 616,706	\$ 945,025	\$ 1,137,556	\$ 946,120	\$ 803,596	\$ 533,715	\$ 269,668	\$ 127,964	\$ 101,446	\$ 104,198	\$ 159,674	\$ 466,356	\$ 6,212,024	\$ 4,982,718	\$ 1,229,306
8 G52 High Annual-Low Winter	\$ 141,173	\$ 197,412	\$ 232,190	\$ 201,711	\$ 178,379	\$ 132,323	\$ 90,876	\$ 69,121	\$ 65,607	\$ 67,216	\$ 75,353	\$ 131,099	\$ 1,582,460	\$ 1,083,187	\$ 499,273
9 G42 High Annual-High Winter	\$ 108,878	\$ 166,961	\$ 197,434	\$ 173,417	\$ 154,272	\$ 103,098	\$ 72,160	\$ 30,832	\$ 236,002	\$ 85,942	\$ 52,294	\$ 103,220	\$ 1,484,509	\$ 904,060	\$ 580,449
10 Non-Grandfathered T50 Low Annual-Low Winter	\$ 12,497	\$ 18,707	\$ 22,330	\$ 18,789	\$ 16,141	\$ 11,071	\$ 6,208	\$ 3,617	\$ 3,110	\$ 3,142	\$ 4,225	\$ 10,075	\$ 129,911	\$ 99,534	\$ 30,377
11 Non-Grandfathered T40 Low Annual-High Winter	\$ 41,954	\$ 64,283	\$ 77,380	\$ 64,362	\$ 54,672	\$ 36,321	\$ 18,367	\$ 8,733	\$ 7,740	\$ 6,319	\$ 10,884	\$ 31,741	\$ 422,755	\$ 338,972	\$ 83,783
12 Non-Grandfathered T51 Med Annual-Low Winter	\$ 53,332	\$ 71,951	\$ 82,441	\$ 73,425	\$ 66,350	\$ 51,881	\$ 39,778	\$ 33,556	\$ 35,663	\$ 30,542	\$ 35,723	\$ 50,174	\$ 624,816	\$ 399,381	\$ 225,435
13 Non-Grandfathered T41 Med Annual-High Winter	\$ 215,202	\$ 327,501	\$ 393,246	\$ 328,201	\$ 279,688	\$ 187,573	\$ 97,928	\$ 49,878	\$ 41,528	\$ 40,099	\$ 60,808	\$ 165,932	\$ 2,187,585	\$ 1,731,411	\$ 456,174
14 Non-Grandfathered T52 High Annual-Low Winter	\$ 8,403	\$ 11,562	\$ 12,933	\$ 11,901	\$ 11,050	\$ 9,180	\$ 5,709	\$ 5,674	\$ 7,425	\$ 6,882	\$ 7,508	\$ 10,079	\$ 108,305	\$ 65,029	\$ 43,276
15 Non-Grandfathered T42 High Annual-High Winter	\$ 84,346	\$ 128,073	\$ 153,504	\$ 128,617	\$ 109,993	\$ 73,988	\$ 39,655	\$ 20,656	\$ 27,260	\$ 17,355	\$ 25,545	\$ 66,188	\$ 875,178	\$ 678,520	\$ 196,658
16															
17 TOTAL	\$ 3,555,569	\$ 5,290,280	\$ 6,298,962	\$ 5,327,177	\$ 4,596,486	\$ 3,179,596	\$ 1,836,307	\$ 1,105,556	\$ 1,253,002	\$ 1,009,396	\$ 1,297,622	\$ 2,903,217	\$ 37,653,169	\$ 28,248,069	\$ 9,405,100
18															
19 Residential	\$ 1,245,891	\$ 1,876,168	\$ 2,244,186	\$ 1,883,279	\$ 1,613,302	\$ 1,097,904	\$ 596,854	\$ 332,052	\$ 317,516	\$ 269,793	\$ 394,746	\$ 982,360	\$ 12,854,051	\$ 9,960,729	\$ 2,893,321
20 SALES HLF CLASSES	\$ 509,697	\$ 658,189	\$ 742,568	\$ 677,804	\$ 625,116	\$ 512,188	\$ 423,069	\$ 384,767	\$ 389,954	\$ 373,570	\$ 403,775	\$ 536,630	\$ 6,237,326	\$ 3,725,561	25% \$ 2,511,765
21 SALES LLF CLASSES	\$ 1,384,247	\$ 2,133,848	\$ 2,570,373	\$ 2,140,800	\$ 1,820,174	\$ 1,199,490	\$ 608,738	\$ 266,624	\$ 422,806	\$ 261,695	\$ 354,409	\$ 1,050,038	\$ 14,213,242	\$ 11,248,931	75% \$ 2,964,311
22 Non-Grandfathered HLF CLASSES	\$ 74,232	\$ 102,219	\$ 117,705	\$ 104,115	\$ 93,541	\$ 72,133	\$ 51,694	\$ 42,846	\$ 46,197	\$ 40,566	\$ 47,456	\$ 70,328	\$ 863,033	\$ 563,945	\$ 299,089
23 Non-Grandfathered LLF CLASSES	\$ 341,502	\$ 519,856	\$ 624,130	\$ 521,179	\$ 444,354	\$ 297,882	\$ 155,950	\$ 79,266	\$ 76,529	\$ 63,773	\$ 97,236	\$ 263,861	\$ 3,485,517	\$ 2,748,903	\$ 736,615
24															
25															
26															
27 BASE CAPACITY															
28 Res Heat	\$ 28,788	\$ 28,264	\$ 28,264	\$ 28,264	\$ 28,264	\$ 29,247	\$ 30,258	\$ 31,514	\$ 28,719	\$ 29,363	\$ 30,828	\$ 29,792	\$ 351,564	\$ 171,089	\$ 180,475
29 Res General	\$ 1,609	\$ 1,580	\$ 1,580	\$ 1,580	\$ 1,580	\$ 1,635	\$ 1,691	\$ 1,761	\$ 1,605	\$ 1,575	\$ 1,723	\$ 1,665	\$ 19,584	\$ 9,562	\$ 10,021
30 G50 Low Annual-Low Winter	\$ 12,188	\$ 11,966	\$ 11,966	\$ 11,966	\$ 11,966	\$ 12,383	\$ 12,810	\$ 13,342	\$ 12,159	\$ 13,376	\$ 13,052	\$ 12,613	\$ 149,788	\$ 72,435	\$ 77,353
31 G40 Low Annual-High Winter	\$ 8,109	\$ 7,962	\$ 7,962	\$ 7,962	\$ 7,962	\$ 8,239	\$ 8,523	\$ 8,877	\$ 8,090	\$ 8,184	\$ 8,684	\$ 8,392	\$ 98,946	\$ 48,195	\$ 50,752
32 G51 Med Annual-Low Winter	\$ 20,830	\$ 20,450	\$ 20,450	\$ 20,450	\$ 20,450	\$ 21,162	\$ 21,893	\$ 22,803	\$ 20,780	\$ 22,424	\$ 22,306	\$ 21,556	\$ 255,556	\$ 123,793	\$ 131,762
33 G41 Med Annual-High Winter	\$ 10,605	\$ 10,412	\$ 10,412	\$ 10,412	\$ 10,412	\$ 10,775	\$ 11,147	\$ 11,610	\$ 9,403	\$ 11,928	\$ 11,357	\$ 10,975	\$ 129,449	\$ 63,029	\$ 66,420
34 G52 High Annual-Low Winter	\$ 6,871	\$ 6,746	\$ 6,746	\$ 6,746	\$ 6,746	\$ 6,981	\$ 7,222	\$ 7,522	\$ 6,199	\$ 7,728	\$ 7,358	\$ 7,111	\$ 83,974	\$ 40,835	\$ 43,139
35 G42 High Annual-High Winter	\$ 13,153	\$ 14,987	\$ 14,987	\$ 14,987	\$ 14,987	\$ 11,545	\$ 8,149	\$ 3,739	\$ 15,229	\$ 7,362	\$ 6,010	\$ 9,637	\$ 134,771	\$ 84,645	\$ 50,126
36 Non-Grandfathered T50 Low Annual-Low Winter	\$ 329	\$ 323	\$ 323	\$ 323	\$ 323	\$ 334	\$ 346	\$ 360	\$ 324	\$ 370	\$ 352	\$ 340	\$ 4,046	\$ 1,954	\$ 2,092
37 Non-Grandfathered T40 Low Annual-High Winter	\$ 724	\$ 711	\$ 711	\$ 711	\$ 711	\$ 736	\$ 761	\$ 793	\$ 723	\$ 719	\$ 776	\$ 750	\$ 8,828	\$ 4,306	\$ 4,522
38 Non-Grandfathered T51 Med Annual-Low Winter	\$ 3,429	\$ 3,367	\$ 3,367	\$ 3,367	\$ 3,367	\$ 3,484	\$ 3,605	\$ 3,754	\$ 3,421	\$ 3,508	\$ 3,673	\$ 3,549	\$ 41,891	\$ 20,381	\$ 21,509
39 Non-Grandfathered T41 Med Annual-High Winter	\$ 4,283	\$ 4,205	\$ 4,205	\$ 4,205	\$ 4,205	\$ 4,352	\$ 4,502	\$ 4,689	\$ 4,273	\$ 4,703	\$ 4,587	\$ 4,433	\$ 52,644	\$ 25,457	\$ 27,187
40 Non-Grandfathered T52 High Annual-Low Winter	\$ 747	\$ 734	\$ 734	\$ 734	\$ 734	\$ 759	\$ 645	\$ 688	\$ 746	\$ 802	\$ 800	\$ 774	\$ 8,896	\$ 4,442	\$ 4,454
41 Non-Grandfathered T42 High Annual-High Winter	\$ 2,238	\$ 2,197	\$ 2,197	\$ 2,197	\$ 2,197	\$ 2,274	\$ 2,353	\$ 2,450	\$ 2,233	\$ 1,864	\$ 2,397	\$ 2,316	\$ 26,915	\$ 13,302	\$ 13,613
42															
43 TOTAL	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 113,904	\$ 1,366,851	\$ 683,425	\$ 683,425
44															
45 Residential	\$ 30,397	\$ 29,843	\$ 29,843	\$ 29,843	\$ 29,843	\$ 30,882	\$ 31,949	\$ 33,276	\$ 30,325	\$ 30,938	\$ 32,551	\$ 31,457	\$ 371,147	\$ 180,652	\$ 190,496
46 SALES HLF CLASSES	\$ 39,889	\$ 39,162	\$ 39,162	\$ 39,162	\$ 39,162	\$ 40,525	\$ 41,925	\$ 43,667	\$ 39,138	\$ 43,528	\$ 42,716	\$ 41,280	\$ 489,317	\$ 237,063	\$ 252,254
47 SALES LLF CLASSES	\$ 31,867	\$ 33,361	\$ 33,361	\$ 33,361	\$ 33,361	\$ 30,558	\$ 27,819	\$ 24,227	\$ 32,721	\$ 27,474	\$ 26,052	\$ 29,005	\$ 363,166	\$ 195,868	\$ 167,298
48 Non-Grandfathered HLF CLASSES	\$ 4,506	\$ 4,424	\$ 4,424	\$ 4,424	\$ 4,424	\$ 4,578	\$ 4,595	\$ 4,802	\$ 4,491	\$ 4,679	\$ 4,825	\$ 4,663	\$ 54,833	\$ 26,778	\$ 28,055
49 Non-Grandfathered LLF CLASSES	\$ 7,246	\$ 7,114	\$ 7,114	\$ 7,114	\$ 7,114	\$ 7,362	\$ 7,616	\$ 7,932	\$ 7,229	\$ 7,286	\$ 7,760	\$ 7,499	\$ 88,387	\$ 43,065	\$ 45,322
50															
51															

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

Summary of Gas Costs

Line	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 REMAINING CAPACITY															
2 Res Heat	\$ 348,547	\$ 756,449	\$ 1,526,183	\$ 767,899	\$ 546,778	\$ 240,218	\$ 75,223	\$ 9,714	\$ 10,491	\$ 1,205	\$ 23,266	\$ 145,257	\$ 4,451,231	\$ 4,186,075	\$ 265,157
3 Res General	\$ 1,898	\$ 4,119	\$ 8,311	\$ 4,182	\$ 2,978	\$ 1,308	\$ 410	\$ 53	\$ 57	\$ 7	\$ 127	\$ 791	\$ 24,240	\$ 22,796	\$ 1,444
5 G50 Low Annual-Low Winter	\$ 6,101	\$ 13,241	\$ 26,714	\$ 13,441	\$ 9,571	\$ 4,205	\$ 1,317	\$ 170	\$ 184	\$ 21	\$ 407	\$ 2,543	\$ 77,913	\$ 73,272	\$ 4,641
6 G40 Low Annual-High Winter	\$ 195,551	\$ 424,401	\$ 856,256	\$ 430,825	\$ 306,767	\$ 134,773	\$ 42,203	\$ 5,450	\$ 5,886	\$ 676	\$ 13,053	\$ 81,496	\$ 2,497,338	\$ 2,348,574	\$ 148,765
7 G51 Med Annual-Low Winter	\$ 31,843	\$ 69,109	\$ 139,432	\$ 70,155	\$ 49,954	\$ 21,946	\$ 6,872	\$ 887	\$ 958	\$ 110	\$ 2,126	\$ 13,271	\$ 406,664	\$ 382,440	\$ 24,225
8 G41 Med Annual-High Winter	\$ 193,364	\$ 419,657	\$ 846,684	\$ 426,009	\$ 303,337	\$ 133,266	\$ 41,732	\$ 5,389	\$ 5,820	\$ 669	\$ 12,907	\$ 80,585	\$ 2,469,419	\$ 2,322,318	\$ 147,102
9 G52 High Annual-Low Winter	\$ 20,455	\$ 44,393	\$ 89,566	\$ 45,065	\$ 32,088	\$ 14,098	\$ 4,415	\$ 570	\$ 616	\$ 71	\$ 1,365	\$ 8,525	\$ 261,226	\$ 245,665	\$ 15,561
10 G42 High Annual-High Winter	\$ 63,805	\$ 138,476	\$ 279,383	\$ 140,572	\$ 100,093	\$ 43,974	\$ 13,770	\$ 1,778	\$ 1,920	\$ 221	\$ 4,259	\$ 26,591	\$ 814,843	\$ 766,304	\$ 48,540
11 Non-Grandfathered T50 Low Annual-Low Winter	\$ 881	\$ 1,913	\$ 3,859	\$ 1,941	\$ 1,382	\$ 607	\$ 190	\$ 25	\$ 27	\$ 3	\$ 59	\$ 367	\$ 11,254	\$ 10,584	\$ 670
12 Non-Grandfathered T40 Low Annual-High Winter	\$ 4,627	\$ 10,041	\$ 20,258	\$ 10,193	\$ 7,258	\$ 3,189	\$ 998	\$ 129	\$ 139	\$ 16	\$ 309	\$ 1,928	\$ 59,084	\$ 55,565	\$ 3,520
13 Non-Grandfathered T51 Med Annual-Low Winter	\$ 5,169	\$ 11,218	\$ 22,633	\$ 11,388	\$ 8,108	\$ 3,562	\$ 1,116	\$ 144	\$ 156	\$ 18	\$ 345	\$ 2,154	\$ 66,010	\$ 62,078	\$ 3,932
14 Non-Grandfathered T41 Med Annual-High Winter	\$ 38,351	\$ 83,233	\$ 167,927	\$ 84,492	\$ 60,162	\$ 26,431	\$ 8,277	\$ 1,069	\$ 1,154	\$ 133	\$ 2,560	\$ 15,983	\$ 489,772	\$ 460,596	\$ 29,175
15 Non-Grandfathered T52 High Annual-Low Winter	\$ 491	\$ 1,067	\$ 2,152	\$ 1,083	\$ 771	\$ 339	\$ 106	\$ 14	\$ 15	\$ 2	\$ 33	\$ 205	\$ 6,276	\$ 5,902	\$ 374
16 Non-Grandfathered T42 High Annual-High Winter	\$ 9,863	\$ 21,406	\$ 43,188	\$ 21,730	\$ 15,473	\$ 6,798	\$ 2,129	\$ 275	\$ 297	\$ 34	\$ 658	\$ 4,110	\$ 125,960	\$ 118,457	\$ 7,503
17															
18 TOTAL	\$ 920,947	\$ 1,998,721	\$ 4,032,546	\$ 2,028,975	\$ 1,444,721	\$ 634,715	\$ 198,757	\$ 25,667	\$ 27,719	\$ 3,185	\$ 61,475	\$ 383,805	\$ 11,761,232	\$ 11,060,624	\$ 700,609
19															
20 Residential	\$ 350,446	\$ 760,568	\$ 1,534,494	\$ 772,080	\$ 549,756	\$ 241,526	\$ 75,633	\$ 9,767	\$ 10,548	\$ 1,212	\$ 23,393	\$ 146,048	\$ 4,475,471	\$ 4,208,870	\$ 266,601
21 SALES HLF CLASSES	\$ 58,399	\$ 126,743	\$ 255,712	\$ 128,661	\$ 91,613	\$ 40,249	\$ 12,604	\$ 1,628	\$ 1,758	\$ 202	\$ 3,898	\$ 24,338	\$ 745,804	\$ 701,377	\$ 44,427
22 SALES LLF CLASSES	\$ 452,720	\$ 982,534	\$ 1,982,324	\$ 997,406	\$ 710,198	\$ 312,014	\$ 97,705	\$ 12,617	\$ 13,626	\$ 1,566	\$ 30,220	\$ 188,671	\$ 5,781,601	\$ 5,437,195	\$ 344,406
23 Non-Grandfathered HLF CLASSES	\$ 6,542	\$ 14,197	\$ 28,643	\$ 14,412	\$ 10,262	\$ 4,508	\$ 1,412	\$ 182	\$ 197	\$ 23	\$ 437	\$ 2,726	\$ 83,540	\$ 78,564	\$ 4,976
24 Non-Grandfathered LLF CLASSES	\$ 52,841	\$ 114,679	\$ 231,373	\$ 116,415	\$ 82,893	\$ 36,418	\$ 11,404	\$ 1,473	\$ 1,590	\$ 183	\$ 3,527	\$ 22,021	\$ 674,816	\$ 634,618	\$ 40,198
25															
26															
27 TOTAL CAPACITY															
28 Res Heat	\$ 377,335	\$ 784,712	\$ 1,554,447	\$ 796,162	\$ 575,042	\$ 269,465	\$ 105,481	\$ 41,229	\$ 39,210	\$ 30,568	\$ 54,095	\$ 175,049	\$ 4,802,795	\$ 4,357,164	\$ 445,632
29 Res General	\$ 3,507	\$ 5,699	\$ 9,891	\$ 5,761	\$ 4,557	\$ 2,943	\$ 2,101	\$ 1,814	\$ 1,662	\$ 1,582	\$ 1,850	\$ 2,456	\$ 43,823	\$ 32,358	\$ 11,465
30 G50 Low Annual-Low Winter	\$ 18,289	\$ 25,207	\$ 38,680	\$ 25,407	\$ 21,537	\$ 16,587	\$ 14,127	\$ 13,512	\$ 12,343	\$ 13,397	\$ 13,459	\$ 15,156	\$ 227,701	\$ 145,707	\$ 81,994
31 G40 Low Annual-High Winter	\$ 203,660	\$ 432,363	\$ 864,218	\$ 438,787	\$ 314,729	\$ 143,012	\$ 50,727	\$ 14,327	\$ 13,976	\$ 8,861	\$ 21,738	\$ 89,888	\$ 2,596,285	\$ 2,396,768	\$ 199,516
32 G51 Med Annual-Low Winter	\$ 52,673	\$ 89,559	\$ 159,882	\$ 90,606	\$ 70,404	\$ 43,108	\$ 28,766	\$ 23,690	\$ 21,739	\$ 22,534	\$ 24,432	\$ 34,827	\$ 662,220	\$ 506,233	\$ 155,987
33 G41 Med Annual-High Winter	\$ 203,970	\$ 430,069	\$ 857,096	\$ 436,421	\$ 313,750	\$ 144,041	\$ 52,879	\$ 16,999	\$ 15,223	\$ 12,597	\$ 24,265	\$ 91,560	\$ 2,598,868	\$ 2,385,347	\$ 213,522
34 G52 High Annual-Low Winter	\$ 27,326	\$ 51,139	\$ 96,312	\$ 51,811	\$ 38,834	\$ 21,078	\$ 11,636	\$ 8,092	\$ 6,815	\$ 7,799	\$ 8,723	\$ 15,635	\$ 345,200	\$ 286,500	\$ 58,700
35 G42 High Annual-High Winter	\$ 76,958	\$ 153,463	\$ 294,370	\$ 155,559	\$ 115,080	\$ 55,519	\$ 21,919	\$ 5,518	\$ 17,149	\$ 7,582	\$ 10,270	\$ 36,228	\$ 949,614	\$ 850,949	\$ 98,666
36 Non-Grandfathered T50 Low Annual-Low Winter	\$ 1,210	\$ 2,235	\$ 4,182	\$ 2,264	\$ 1,705	\$ 941	\$ 536	\$ 385	\$ 351	\$ 373	\$ 411	\$ 708	\$ 15,300	\$ 12,538	\$ 2,763
37 Non-Grandfathered T40 Low Annual-High Winter	\$ 5,351	\$ 10,752	\$ 20,969	\$ 10,904	\$ 7,969	\$ 3,925	\$ 1,760	\$ 922	\$ 862	\$ 735	\$ 1,085	\$ 2,678	\$ 67,912	\$ 59,870	\$ 8,042
38 Non-Grandfathered T51 Med Annual-Low Winter	\$ 8,598	\$ 14,585	\$ 26,000	\$ 14,755	\$ 11,475	\$ 7,046	\$ 4,720	\$ 3,898	\$ 3,577	\$ 3,525	\$ 4,018	\$ 5,703	\$ 107,900	\$ 82,459	\$ 25,441
39 Non-Grandfathered T41 Med Annual-High Winter	\$ 42,634	\$ 87,438	\$ 172,132	\$ 88,698	\$ 64,368	\$ 30,783	\$ 12,779	\$ 5,758	\$ 5,428	\$ 4,836	\$ 7,147	\$ 20,416	\$ 542,416	\$ 486,053	\$ 56,363
40 Non-Grandfathered T52 High Annual-Low Winter	\$ 1,239	\$ 1,800	\$ 2,886	\$ 1,817	\$ 1,505	\$ 1,098	\$ 751	\$ 702	\$ 760	\$ 803	\$ 833	\$ 978	\$ 15,173	\$ 10,345	\$ 4,828
41 Non-Grandfathered T42 High Annual-High Winter	\$ 12,101	\$ 23,603	\$ 45,385	\$ 23,927	\$ 17,670	\$ 9,072	\$ 4,481	\$ 2,725	\$ 2,530	\$ 1,898	\$ 3,055	\$ 6,427	\$ 152,874	\$ 131,759	\$ 21,116
42															
43 TOTAL	\$ 1,034,851	\$ 2,112,625	\$ 4,146,450	\$ 2,142,879	\$ 1,558,625	\$ 748,619	\$ 312,662	\$ 139,571	\$ 141,623	\$ 117,089	\$ 175,379	\$ 497,709	\$ 13,128,083	\$ 11,744,049	\$ 1,384,034
44															
45 Residential	\$ 380,842	\$ 790,411	\$ 1,564,337	\$ 801,924	\$ 579,599	\$ 272,408	\$ 107,581	\$ 43,043	\$ 40,872	\$ 32,150	\$ 55,944	\$ 177,506	\$ 4,846,619	\$ 4,389,522	\$ 457,097
46 SALES HLF CLASSES	\$ 98,288	\$ 165,905	\$ 294,874	\$ 167,824	\$ 130,775	\$ 80,774	\$ 54,529	\$ 45,294	\$ 40,896	\$ 43,730	\$ 46,614	\$ 65,618	\$ 1,235,121	\$ 938,440	14% \$ 296,681
47 SALES LLF CLASSES	\$ 484,587	\$ 1,015,894	\$ 2,015,685	\$ 1,030,767	\$ 743,558	\$ 342,572	\$ 125,525	\$ 36,844	\$ 46,347	\$ 29,040	\$ 56,272	\$ 217,676	\$ 6,144,767	\$ 5,633,064	86% \$ 511,704
48 Non-Grandfathered HLF CLASSES	\$ 11,047	\$ 18,621	\$ 33,067	\$ 18,836	\$ 14,686	\$ 9,086	\$ 6,007	\$ 4,985	\$ 4,688	\$ 4,702	\$ 5,262	\$ 7,389	\$ 138,374	\$ 105,342	\$ 33,032
49 Non-Grandfathered LLF CLASSES	\$ 60,087	\$ 121,793	\$ 238,487	\$ 123,529	\$ 90,007	\$ 43,779	\$ 19,020	\$ 9,405	\$ 8,819	\$ 7,468	\$ 11,287	\$ 29,520	\$ 763,203	\$ 677,682	\$ 85,520
														89.05%	10.95%

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

Summary of Gas Costs

Line	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	TOTAL	WINTER	SUMMER
1 TOTAL COMMODITY AND CAPACITY															
2 Res Heat	\$ 1,602,479	\$ 2,633,970	\$ 3,768,305	\$ 2,651,798	\$ 2,162,879	\$ 1,346,561	\$ 685,187	\$ 357,903	\$ 339,334	\$ 286,459	\$ 432,667	\$ 1,135,030	\$ 17,402,570	\$ 14,165,992	\$ 3,236,579
3 Res General	\$ 24,255	\$ 32,609	\$ 40,218	\$ 33,405	\$ 30,021	\$ 23,752	\$ 19,249	\$ 17,192	\$ 19,054	\$ 15,484	\$ 18,024	\$ 24,836	\$ 298,099	\$ 184,260	\$ 113,839
4 G50 Low Annual-Low Winter	\$ 146,000	\$ 181,982	\$ 210,812	\$ 187,900	\$ 175,415	\$ 149,927	\$ 131,538	\$ 129,586	\$ 130,564	\$ 127,459	\$ 133,784	\$ 152,960	\$ 1,857,927	\$ 1,052,036	\$ 805,890
5 G40 Low Annual-High Winter	\$ 862,323	\$ 1,454,226	\$ 2,099,601	\$ 1,460,049	\$ 1,177,034	\$ 705,689	\$ 317,637	\$ 122,156	\$ 99,335	\$ 80,415	\$ 164,179	\$ 570,350	\$ 9,112,994	\$ 7,758,922	\$ 1,354,072
6 G51 Med Annual-Low Winter	\$ 293,486	\$ 393,561	\$ 498,128	\$ 404,206	\$ 363,263	\$ 289,634	\$ 243,548	\$ 223,263	\$ 227,864	\$ 214,826	\$ 232,529	\$ 302,554	\$ 3,686,860	\$ 2,242,277	\$ 1,444,584
7 G41 Med Annual-High Winter	\$ 820,676	\$ 1,375,094	\$ 1,994,652	\$ 1,382,541	\$ 1,117,346	\$ 677,756	\$ 322,546	\$ 144,963	\$ 116,669	\$ 116,795	\$ 183,938	\$ 557,916	\$ 8,810,892	\$ 7,368,065	\$ 1,442,828
8 G52 High Annual-Low Winter	\$ 168,499	\$ 248,551	\$ 328,502	\$ 253,522	\$ 217,213	\$ 153,401	\$ 102,512	\$ 77,213	\$ 72,422	\$ 75,015	\$ 84,076	\$ 146,735	\$ 1,927,660	\$ 1,369,687	\$ 557,973
9 G42 High Annual-High Winter	\$ 185,836	\$ 320,423	\$ 491,804	\$ 328,975	\$ 269,352	\$ 158,617	\$ 94,079	\$ 36,349	\$ 253,151	\$ 93,525	\$ 62,563	\$ 139,448	\$ 2,434,123	\$ 1,755,008	\$ 679,115
10 Non-Grandfathered T50 Low Annual-Low Winter	\$ 13,707	\$ 20,942	\$ 26,512	\$ 21,054	\$ 17,846	\$ 12,012	\$ 6,744	\$ 4,001	\$ 3,460	\$ 3,515	\$ 4,636	\$ 10,783	\$ 145,212	\$ 112,072	\$ 33,139
11 Non-Grandfathered T40 Low Annual-High Winter	\$ 47,305	\$ 75,035	\$ 98,349	\$ 75,266	\$ 62,641	\$ 40,246	\$ 20,127	\$ 9,655	\$ 8,602	\$ 7,054	\$ 11,968	\$ 34,418	\$ 490,667	\$ 398,843	\$ 91,825
12 Non-Grandfathered T51 Med Annual-Low Winter	\$ 61,931	\$ 86,536	\$ 108,441	\$ 88,179	\$ 77,826	\$ 58,928	\$ 44,498	\$ 37,454	\$ 39,240	\$ 34,067	\$ 39,741	\$ 55,877	\$ 732,717	\$ 481,840	\$ 250,877
13 Non-Grandfathered T41 Med Annual-High Winter	\$ 257,836	\$ 414,939	\$ 565,379	\$ 416,898	\$ 344,056	\$ 218,356	\$ 110,707	\$ 55,636	\$ 46,956	\$ 44,935	\$ 67,955	\$ 186,348	\$ 2,730,001	\$ 2,217,464	\$ 512,537
14 Non-Grandfathered T52 High Annual-Low Winter	\$ 9,642	\$ 13,362	\$ 15,819	\$ 13,718	\$ 12,554	\$ 10,279	\$ 6,459	\$ 6,376	\$ 8,185	\$ 7,686	\$ 8,341	\$ 11,057	\$ 123,478	\$ 75,374	\$ 48,104
15 Non-Grandfathered T42 High Annual-High Winter	\$ 96,448	\$ 151,676	\$ 198,889	\$ 152,544	\$ 127,663	\$ 83,059	\$ 44,136	\$ 23,381	\$ 29,790	\$ 19,252	\$ 28,600	\$ 72,615	\$ 1,028,052	\$ 810,278	\$ 217,774
16															
17 TOTAL	\$ 4,590,420	\$ 7,402,905	\$ 10,445,411	\$ 7,470,056	\$ 6,155,111	\$ 3,928,215	\$ 2,148,969	\$ 1,245,128	\$ 1,394,625	\$ 1,126,485	\$ 1,473,002	\$ 3,400,926	\$ 50,781,252	\$ 39,992,118	\$ 10,789,134
18															
19 Residential	\$ 1,626,733	\$ 2,666,579	\$ 3,808,523	\$ 2,685,203	\$ 2,192,901	\$ 1,370,312	\$ 704,436	\$ 375,095	\$ 358,388	\$ 301,943	\$ 450,690	\$ 1,159,866	\$ 17,700,669	\$ 14,350,251	\$ 3,350,418
20 SALES HLF CLASSES	\$ 607,985	\$ 824,094	\$ 1,037,442	\$ 845,627	\$ 755,891	\$ 592,962	\$ 477,598	\$ 430,062	\$ 430,849	\$ 417,300	\$ 450,389	\$ 602,248	\$ 7,472,447	\$ 4,664,000	\$ 2,808,447
21 SALES LLF CLASSES	\$ 1,868,834	\$ 3,149,743	\$ 4,586,058	\$ 3,171,566	\$ 2,563,732	\$ 1,542,062	\$ 734,263	\$ 303,469	\$ 469,154	\$ 290,735	\$ 410,680	\$ 1,267,714	\$ 20,358,009	\$ 16,881,995	\$ 3,476,015
22 Non-Grandfathered HLF CLASSES	\$ 85,279	\$ 120,840	\$ 150,772	\$ 122,951	\$ 108,226	\$ 81,219	\$ 57,701	\$ 47,831	\$ 50,885	\$ 45,267	\$ 52,718	\$ 77,717	\$ 1,001,407	\$ 669,286	\$ 332,120
23 Non-Grandfathered LLF CLASSES	\$ 401,589	\$ 641,649	\$ 862,617	\$ 644,708	\$ 534,360	\$ 341,661	\$ 174,970	\$ 88,672	\$ 85,348	\$ 71,241	\$ 108,523	\$ 293,381	\$ 4,248,720	\$ 3,426,585	\$ 822,135