Tariff Pages

CALCULATION OF COST OF GAS ADJUSTMENT
New Hampshire Division
Period Covered: November 1, 2008 - April 30, 2009
Anticipated Cost of Delivered and Produced Gas

Delivered:	Therms	Rate	Amount
Product: - Commodity			
Granite State Supply	4,516,423	$0.790	$3,569,789
Domestic Supply	13,427,974	$0.698	$ 9,369,087
Storage Withdrawals	16,501,118	$1.045	$ 17,242,943
Peaking Supply	3,869,851	$0.935	$ 3,617,203
Hedging (Gain)/Loss			$ 1,451,979
Interruptible Included Above			$ (15,503)
Product: - Demand			
Granite State and Others			$ 760,313
Pipeline Reservation			
Granite State and Others			$ 3,220,728
Storage & Peaking Demand			
Tennessee and Others			$ 9,946,712
Capacity Release			$ (1,674,016)
Interruptble Margins			$ (23,829)
Less: Unaccounted For, Company Use & Interruptible Volumes	(554,795)		$ -
TOTAL Anticipated Cost of Gas	**37,760,570**	**$1.2570**	**$ 47,465,406**

Issued: October 17, 2008
Effective Date: November 1, 2008
Authorized by NHPUC Order No. In Case No. dated

CALCULATION OF COST OF GAS ADJUSTMENT
New Hampshire Division
~~Period Covered: May 1, 2008 - October 31 2008~~
Period Covered: November 1, 2008 - April 30 2009
Anticipated Cost of Delivered and Produced Gas

Delivered:	Therms	Rate	Amount
Product: - Commodity			
Granite State Supply	~~5,288,659~~ 4,516,423	~~$1.352~~ $0.790	~~$7,151,712~~ $3,569,789
Domestic Supply	~~9,230,107~~ 13,427,975	~~$0.881~~ $0.698	~~$8,133,502~~ $ 9,369,087
Storage Withdrawals	~~0~~ 16,501,118	~~$0.000~~ $1.045	~~$0~~ $ 17,242,943
Peaking Supply	~~52,661~~ 3,869,851	~~$1.434~~ $0.935	~~$75,519~~ $ 3,617,203
Hedging (Gain)/Loss			~~($28,766)~~ $ 1,451,979
Interruptible Included Above			~~($162,680)~~ $ (15,503)
Product: - Demand			
Granite State and Others			~~$115,086~~ $ 760,313
Pipeline Reservation			
Granite State and Others			~~$889,581~~ $ 3,220,728
Storage & Peaking Demand			
Tennessee and Others			~~$700,976~~ $ 9,946,712
Capacity Release , including Asset Management			~~$0~~ $ (1,674,016)
Interruptible Margins			~~$0~~ ($23,829)
Less: Unaccounted For, Company Use & Interruptible Volumes	~~(386,647)~~ (554,592)		~~$0.0000~~ $ -
TOTAL Anticipated Cost of Gas	**~~14,184,780~~** **37,760,570**	**~~$0.8724~~** **$1.2570**	**~~$12,375,308~~** **$47,465,406**

Issued: ~~August 22, 2008~~ October 17, 2008
Effective Date: ~~September 1, 2008~~ November 1, 2008
Authorized by NHPUC Order No. In Case No. dated

Issued by: Stephen H. Bryant
Title: President

Calculation of Anticipated Indirect Cost of Gas-New Hampshire Division

Working Capital Calculation

Total Anticipated Direct Cost of Gas-Commodity	$35,235,499
Total Anticipated Direct Cost of Gas-Demand	$12,229,908
Interruptible Profits	$0
LESS Anticipated Direct Costs assigned to Non-Grandfathered Transportation	($8,802,450)
Total Direct Cost of Gas (Including Summer Deferred)	$38,662,957
Total Direct gas Costs-Including Summer Deferred	$38,662,957
Working Capital Percentage (NHPUC No. 10 Section 4.06.1)	0.19%
Working Capital Allowance (NHPUC No. 10 Section 4.06.1)	$73,460
Plus: Working Capital Reconciliation	$10,154
Total Working Capital Allowance	**$83,614**

Bad Debt Calculation

Total Anticipated Direct Cost of Gas	$38,662,957
Plus: Total Working Capital	$83,614
Subtotal	$38,746,571
Bad Debt Percentage (NHPUC No. 10 Section 4.06.1)	0.45%
Total Bad Debt Allowance	$174,360
Plus: Bad Debt Reconciliation	$22,157
Total Bad Debt Allowance	**$196,517**

	$$	Rate / Therm
Working Capital Allowance	$83,614	
Bad Debt Allowance	$196,517	
Miscellaneous Overhead-74.85% Allocated to Winter Season	$93,036	
Capacity Reserve (Forecasted Transportation Therms * $0.0055)	($71,068)	
Production and Storage Capacity	$686,673	
Prior Period Under/(Over) Collection	($725,497)	
Refunds	$0	
Interest	($12,257)	
Total Anticipated Indirect Cost of Gas	$251,017	$0.0066
Total Anticipated Direct Cost of Gas-Commodity	$35,235,499	$0.9331
Total Anticipated Direct Cost of Gas-Demand	$12,229,908	$0.3239
Total Anticipated Period Cost of Gas	$47,716,424	$1.2636
Forecasted Winter Period Therms-Firm	29,889,150	
Forecasted Non-Grandfathered TransportationTherms	7,871,420	
Forecasted Therms-Total	37,760,570	
Forecasted Therms- Grandfathered Transportation	12,921,470	

	Residential	C&I Low Winter	C&I High Winter
Forecasted Winter Season Cost of Gas Rate:			
COGw-Commodity	$0.9331	$0.8075	$0.9935
COGw-Demand	$0.3239	$0.2467	$0.3948
COGw-Indirect	$0.0066	$0.0066	$0.0066
COGw-Total	**$1.2636**	**$1.0608**	**$1.3949**
Minimum	**$1.0109**	**$0.8486**	**$1.1159**
Maximum	**$1.5163**	**$1.2730**	**$1.6739**

Issued: October 17, 2008
Effective: With Service Rendered On and After November 1, 2008

Calculation of Anticipated Indirect Cost of Gas-New Hampshire Division

Working Capital Calculation		
Total Anticipated Direct Cost of Gas-Commodity	~~$10,669,664~~	$35,235,499
Total Anticipated Direct Cost of Gas-Demand	~~$1,705,643~~	$12,229,908
Interruptible Profits		$0
LESS Anticipated Direct Costs assigned to Non-Grandfathered Transportation	~~($4,684,352)~~	($8,802,450)
Total Direct Cost of Gas (Including Summer Deferred)	~~$7,690,955~~	$38,662,957
Total Direct gas Costs-Including Summer Deferred	~~$7,690,955~~	$38,662,957
Working Capital Percentage (NHPUC No. 10 Section 4.06.1)	0.19%	0.19%
Working Capital Allowance (NHPUC No. 10 Section 4.06.1)	~~$14,613~~	$73,460
Plus: Working Capital Reconciliation	~~$24~~	$10,154
Total Working Capital Allowance	~~**$14,637**~~	**$83,614**

Bad Debt Calculation		
Total Anticipated Direct Cost of Gas	~~$7,690,955~~	$38,662,957
Plus: Total Working Capital	~~$14,637~~	$83,614
Subtotal	~~$7,705,591~~	$38,746,571
Bad Debt Percentage (NHPUC No. 10 Section 4.06.1)	0.45%	0.45%
Total Bad Debt Allowance	~~$34,675~~	$174,360
Plus: Bad Debt Reconciliation	~~($474)~~	$22,157
Total Bad Debt Allowance	~~**$34,201**~~	**$196,517**

	$$	$$	Rate / Therm	Rate / Therm
Working Capital Allowance	~~$14,637~~	$83,614		
Bad Debt Allowance	~~$34,201~~	$196,517		
Miscellaneous Overhead~~23.157%~~74.85% Allocated to ~~Summer~~Winter Season	~~$28,784~~	$93,036		
Capacity Reserve (Forecasted Transportation Therms * $0.0055)	~~($74,192)~~	($71,068)		
Production and Storage Capacity	~~$0~~	$686,673		
Prior Period Under/(Over) Collection	~~($95,342)~~	($725,497)		
Refunds	~~$0~~	$0		
Interest	~~($12,427)~~	($12,257)		
Total Anticipated Indirect Cost of Gas	~~($104,339)~~	$251,017	~~($0.0074)~~	$0.0066
Total Anticipated Direct Cost of Gas-Commodity	~~$10,669,664~~	$35,235,499	~~$0.7522~~	$0.9331
Total Anticipated Direct Cost of Gas-Demand	~~$1,705,643~~	$12,229,908	~~$0.1202~~	$0.3239
Total Anticipated Period Cost of Gas	~~$12,270,968~~	$47,716,424	~~$0.8651~~	$1.2636
Forecasted ~~Off -Peak~~Winter Period Therms-Firm	~~10,129,680~~	29,889,150		
Forecasted Non-Grandfathered Transportation Therms	~~4,055,100~~	7,871,420		
Forecasted Therms-Total	~~14,184,780~~	37,760,570		
Forecasted Therms-Grandfathered Transportation	~~13,489,420~~	12,921,470		

	Residential	C&I Low Winter	C&I High Winter
~~Forecasted Summer Season Cost of Gas Rate:~~			
~~COGw-Commodity~~	~~$1.0164~~	~~$1.0345~~	~~$0.9863~~
~~COGw-Demand~~	~~$0.1202~~	~~$0.0849~~	~~$0.2010~~
~~COGw-Indirect~~	~~-$0.0051~~	~~-$0.0051~~	~~-$0.0051~~
~~COGw-Total~~	~~**$1.1315**~~	~~**$1.1143**~~	~~**$1.1822**~~
~~June 1 Rate Adjustment~~	~~**$0.1916**~~	~~**$0.1916**~~	~~**$0.1916**~~
~~August 1 Rate Adjustment~~	~~**-$0.1181**~~	~~**-$0.1181**~~	~~**-$0.1181**~~
~~September 1 Rate Adjsutment~~	~~**-$0.2745**~~	~~**-$0.2745**~~	~~**-$0.2745**~~
~~September 1 Billing Rate~~	~~**$0.9305**~~	~~**$0.9133**~~	~~**$0.9812**~~
~~Minimum~~	~~**$0.9052**~~	~~**$0.8914**~~	~~**$0.9458**~~
~~Maximum~~	~~**$1.3578**~~	~~**$1.3372**~~	~~**$1.4186**~~

	Residential	C&I Low Winter	C&I High Winter
Forecasted Winter Season Cost of Gas Rate:			
COGw-Commodity	$0.9331	$0.8075	$0.9935
COGw-Demand	$0.3239	$0.2467	$0.3948
COGw-Indirect	$0.0066	$0.0066	$0.0066
COGw-Total	**$1.2636**	**$1.0608**	**$1.3949**
Minimum	**$1.0109**	**$0.8486**	**$1.1159**
Maximum	**$1.5163**	**$1.2730**	**$1.6739**

Issued: ~~August 22, 2008~~ October 17, 2008
Effective Date: ~~September 1, 2007~~ November 1, 2008
Authorized by NHPUC Order No. In Case No. datec

Issued by: Stephen H. Bryant
Title: President

Local Delivery Adjustment Clause

Rate Schedule	RLIAP	DSM	ERC	ITM	WLNG	CCE	RCE	LDAC
Residential Heating	$0.0039	$0.0113	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0255
Residential Non-Heating	$0.0039	$0.0113	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0255
Small C&I	$0.0039	$0.0069	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0211
Medium C&I	$0.0039	$0.0069	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0211
Large C&I	$0.0039	$0.0069	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0211
No Previous Sales Service								

Issued: October 17, 2008
Effective: With Service Rendered On and After November 1, 2008
Issued to Comply with Order No.

Issued by: Stephen H. Bryant
Title: President

Local Delivery Adjustment Clause

Rate Schedule	RLIAP	DSM	ERC	ITM	WLNG	CCE	RCE	LDAC
Residential Heating	~~$0.0020~~	~~$0.0122~~	~~$0.0052~~	$0.0000	$0.0000	$0.0000	$0.0000	~~$0.0194~~
Residential Non-Heating	~~$0.0020~~	~~$0.0122~~	~~$0.0052~~	$0.0000	$0.0000	$0.0000	$0.0000	~~$0.0194~~
Small C&I	~~$0.0020~~	~~$0.0066~~	~~$0.0052~~	$0.0000	$0.0000	$0.0000	$0.0000	~~$0.0138~~
Medium C&I	~~$0.0020~~	~~$0.0066~~	~~$0.0052~~	$0.0000	$0.0000	$0.0000	$0.0000	~~$0.0138~~
Large C&I	~~$0.0020~~	~~$0.0066~~	~~$0.0052~~	$0.0000	$0.0000	$0.0000	$0.0000	~~$0.0138~~
No Previous Sales Service								

Rate Schedule	RLIAP	DSM	ERC	ITM	WLNG	CCE	RCE	LDAC
Residential Heating	$0.0039	$0.0113	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0255
Residential Non-Heating	$0.0039	$0.0113	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0255
Small C&I	$0.0039	$0.0069	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0211
Medium C&I	$0.0039	$0.0069	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0211
Large C&I	$0.0039	$0.0069	$0.0103	$0.0000	$0.0000	$0.0000	$0.0000	$0.0211
No Previous Sales Service								

Issued: ~~September 14, 2007~~ October 17, 2008
Effective: With Service Rendered On and After ~~November 1, 2007~~ November 1, 2008
Issued to Comply with Order No. 24,684

Issued by: Stephen H. Bryant
Title: President

Gas Cost Exhibits

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

Line No.	Firm Sales Service	R-1 & R-2 Residential	G-50,51, 52 Low Winter Classes	G-40,41,42 High Winter Classes	Non-Grandfathered Transp.	Total
1	Winter Demand Costs -	$4,209,502	$830,584	$5,339,454	$1,850,367	$12,229,908
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**	**$0.3239**	**$0.2467**	**$0.3948**		**$0.3239**
4	Winter Commodity Costs -	$12,127,967	$2,718,181	$13,437,268	$6,952,083	$35,235,499
5	**Total Commodity**	$12,127,967	$2,718,181	$13,437,268	$6,952,083	$35,235,499
6	Forecasted Sales (MMBtu) -	12,997,090	3,366,290	13,525,770	7,871,420	37,760,570
7	**Unit Summer Commodity Cost (Ln 4 divided by Ln 5) COGw-Commodity**	**$0.9331**	**$0.8075**	**$0.9935**		**$0.9331**
8	Indirect Gas Costs					$251,017
9	Forecasted Sales (MMBtu) -	12,997,090	3,366,290	13,525,770	7,871,420	37,760,570
10	**Indirect Cost of Gas (Ln 7 divided by Ln 8)** COGw-Indirect	**$0.0066**	**$0.0066**	**$0.0066**		**$0.0066**
11	Total Cost of Gas (COGw)	**$1.2636**	**$1.0608**	**$1.3949**		$47,716,423

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

	Winter	Summer	Total
Demand	$ 12,229,908	$ 1,870,780	$ 14,100,687
Commodity	$ 35,235,499	$ 8,675,767	$ 43,911,266
Total	**$ 47,465,406**	**$ 10,546,547**	**$ 58,011,953**
Forecasted Therms (including Non-Grandfathered)	37,760,570	12,688,180	50,448,750
Average Residential Rate:	**Winter**	**Summer**	**Total**
Average Demand Rate	$0.3239	$0.1474	
Average Commodity Rate	$0.9331	$0.6838	
Average Rate	$1.2570	$0.8312	
Residential Reallocation:	**Winter**	**Summer**	**Total**
Demand Costs Allocated To Residential per SMBA	$ 4,613,445	$ 549,622	$ 5,163,067
Demand Costs Allocated To Residential per Avg Res. Rate	$ 4,209,502	$ 487,129	$ 4,696,631
Demand Reallocation:	**$ 403,943**	**$ 62,493**	**$ 466,435**
HLF Allocation	$54,377	$25,179	$79,556
LLF Allocation	$349,566	$37,314	$386,880
Commodity Costs Allocated To Residential per SMBA	$ 12,440,469	$ 2,307,562	$ 14,748,031
Commodity Costs Allocated To Residential per Avg Res. Rate	$ 12,127,967	$ 2,259,829	$ 14,387,796
Commodity Reallocation:	**$ 312,502**	**$ 47,733**	**$ 360,235**
HLF Allocation	$ 52,579	$ 22,710	$ 75,289
LLF Allocation	$ 259,923	$ 25,022	$ 284,946

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

Line No	Description (1)	Nov - Apr (2)	May - Oct (3)	Total (4) = (2)+ (3)
	DEMAND:			
1	Pipeline/Product Charges	$3,981,041	$1,287,406	$5,268,447
2	Capacity Credits	($1,674,016)	$0	($1,674,016)
3	Interruptible Margins	($23,829)	$0	($23,829)
4	**Total Pipeline/Product**	**$2,283,196**	**$1,287,406**	**$3,570,602**
5	Base Load Costs	$1,119,581	$1,119,581	$2,239,163
6	Remaining Pipeline	$1,163,615	$167,824	$1,331,439
7	Storage Demand	$8,575,769	$583,374	$9,159,143
8	Peaking Demand	$1,370,943	$0	$1,370,943
9	Off System Credits	$0	$0	$0
10	**Total Demand Costs**	**$12,229,908**	**$1,870,780**	**$14,100,687**
11	**COMMODITY:**			
12	Pipeline/Product Commodity Charges	$12,938,877	$8,474,345	$21,413,221
13	Base Load	$ 6,877,517	$ 6,298,241	$13,175,757
14	Remaining Pipeline	$6,061,360	$2,176,104	$8,237,464
15	Storage Commodity	$17,242,943	$0	$17,242,943
16	Peaking Commodity	$3,617,203	$170,283	$3,787,486
17	Interruptible Included Above	$ (15,503)	$ (73,855)	$ (89,358)
18	Hedging (Gain)/Loss	$1,451,979	$104,995	$1,556,974
19	**Total Commodity** (Lines 14 + 18)	**$35,235,499**	**$8,675,767**	**$43,911,266**
20	**Total Demand and Commodity**	**$47,465,406**	**$10,546,547**	**$58,011,953**

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
1	**Supply Volumes - therms**															
2																
3	Total Pipeline	1,950,244	2,431,646	2,534,054	2,317,045	4,421,466	4,289,941	2,460,803	1,746,404	1,774,548	1,593,820	2,056,565	3,273,096	30,849,633	17,944,397	12,905,237
	Total Storage	2,298,432	3,788,769	4,718,652	4,369,965	1,324,936	365	0	0	0	0	0	0	16,501,118	16,501,118	0
4	Total Peaking	607,604	771,385	1,005,525	698,210	778,918	8,209	8,558	8,990	9,095	9,101	9,420	8,832	3,923,847	3,869,851	53,997
5	Subtotal	4,856,280	6,991,800	8,258,230	7,385,220	6,525,320	4,298,515	2,469,362	1,755,394	1,783,643	1,602,921	2,065,986	3,281,928	51,274,599	38,315,365	12,959,233
6	Less Interruptible	2,950	0	0	0	0	15,445	21,718	23,574	16,559	10,047	5,512	4,052	99,859	18,396	81,463
7	Less Company Use	21,360	29,650	34,050	29,440	26,090	18,220	12,180	8,930	8,460	8,510	9,630	15,060	221,580	158,810	62,770
8	Total Firm	4,831,970	6,962,150	8,224,180	7,355,780	6,499,230	4,264,850	2,435,464	1,722,890	1,758,623	1,584,363	2,050,843	3,262,816	50,953,160	38,138,160	12,815,000
9	Usage (Firm Sales)	4,784,130	6,893,230	8,142,740	7,282,950	6,434,870	4,222,650	2,411,350	1,705,850	1,741,210	1,568,690	2,030,550	3,230,530	50,448,750	37,760,570	12,688,180
10	Difference	47,840	68,920	81,440	72,830	64,360	42,200	24,114	17,040	17,413	15,673	20,293	32,286	504,410	377,590	126,820
11	Percent	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
12	**Variable Costs**															
13	Total Pipeline	$ 1,249,303	$ 1,687,314	$ 1,844,630	$ 1,708,040	$ 3,339,857	$ 3,109,733	$ 1,620,472	$ 1,050,998	$ 1,091,173	$ 958,010	$ 1,336,621	$ 2,417,070	$ 21,413,221	$ 12,938,877	$ 8,474,345
14	Total Storage	$ 1,999,476	$ 4,131,334	$ 5,101,174	$ 4,648,022	$ 1,357,855	$ 5,081	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,242,943	$ 17,242,943	$ -
15	Total Peaking	$ 583,508	$ 704,632	$ 972,718	$ 630,548	$ 698,326	$ 27,472	$ 15,132	$ 15,896	$ 16,080	$ 16,092	$ 16,656	$ 90,427	$ 3,787,486	$ 3,617,203	$ 170,283
16	Subtotal	$ 3,832,287	$ 6,523,280	$ 7,918,522	$ 6,986,609	$ 5,396,038	$ 3,142,286	$ 1,635,604	$ 1,066,893	$ 1,107,253	$ 974,103	$ 1,353,277	$ 2,507,497	$ 42,443,650	$ 33,799,023	$ 8,644,627
17	Total Interruptible Incl Above	$ 2,189	$ -	$ -	$ -	$ -	$ 13,314	$ 18,807	$ 21,169	$ 15,235	$ 9,575	$ 5,248	$ 3,821	$ 89,358	$ 15,503	$ 73,855
18	Hedging (Gain)/Loss	$186,894	$285,459	$275,360	$252,083	$215,559	$236,624	$47,374	$0	$0	$0	$0	$57,621	$ 1,556,974	$ 1,451,979	$ 104,995
19	Total (Without Interr)	$ 4,016,992	$ 6,808,739	$ 8,193,882	$ 7,238,692	$ 5,611,597	$ 3,365,597	$ 1,664,171	$ 1,045,724	$ 1,092,018	$ 964,528	$ 1,348,029	$ 2,561,297	$ 43,911,266	$ 35,235,499	$ 8,675,767
20	**Supply Cost/Therm**	(Includes all variable costs, both supplier and transportation)														
21	Total Pipeline	$0.641	$0.694	$0.728	$0.737	$0.755	$0.725	$0.659	$0.602	$0.615	$0.601	$0.650	$0.738	$0.694		
22	Total Storage	$0.870	$1.090	$1.081	$1.064	$1.025	$13.927	$0.000	$0.000	$0.000	$0.000	$0.000	$0.000	$1.045		
23	Total Peaking	$0.960	$0.913	$0.967	$0.903	$0.897	$3.347	$1.768	$1.768	$1.768	$1.768	$1.768	$10.238	$0.965		
24	Subtotal	$0.789	$0.933	$0.959	$0.946	$0.827	$0.731	$0.662	$0.608	$0.621	$0.608	$0.655	$0.764	$0.828		
25	Interruptible	$0.742	$0.000	$0.000	$0.000	$0.000	$0.862	$0.866	$0.898	$0.920	$0.953	$0.952	$0.943	$0.895		
26	Total	$0.831	$0.978	$0.996	$0.984	$0.863	$0.789	$0.683	$0.607	$0.621	$0.609	$0.657	$0.785	$0.862		
27	**Commodity Costs**															
28	Pipeline Average Cost	$ 0.641	$ 0.694	$ 0.728	$ 0.737	$ 0.755	$ 0.725	$ 0.659	$ 0.602	$ 0.615	$ 0.601	$ 0.650	$ 0.738	$ 0.694	$ 0.721	$ 0.657
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	9,771,642
30	Base Commodity Cost	$ 1,033,614	$ 1,159,850	$ 1,207,628	$ 1,100,273	$ 1,241,150	$ 1,135,002	$ 1,088,072	$ 961,417	$ 1,027,645	$ 952,171	$ 1,051,312	$ 1,217,623	$ 13,175,757	$ 6,877,517	$ 6,298,241
31	Remaining Commodity	$ 2,983,378	$ 5,648,888	$ 6,986,254	$ 6,138,420	$ 4,370,448	$ 2,230,594	$ 576,100	$ 84,307	$ 64,373	$ 12,356	$ 296,717	$ 1,343,673	$ 30,735,509	$ 28,357,982	$ 2,377,526
32	Total Commodity	$ 4,016,992	$ 6,808,739	$ 8,193,882	$ 7,238,692	$ 5,611,597	$ 3,365,597	$ 1,664,171	$ 1,045,724	$ 1,092,018	$ 964,528	$ 1,348,029	$ 2,561,297	$ 43,911,266	$ 35,235,499	$ 8,675,767

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	12,686	$5,268,447	$ 415.28
6	Less: Base Use	5,392	$2,239,163	
7	Remaining Pipeline Use	7,295	$3,029,284	
8				
9				

		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
10	**BASE DEMAND COSTS ALLOCATED BY MONTH:**															
12																
13	BASE DEMAND COSTS	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$2,239,163	$1,119,581	$1,119,581
14																
15																
16	**DETAIL OF TOTAL REMAINING DEMAND COSTS:**															
17	Pipeline - Base	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$186,597	$2,239,163	$1,119,581	$1,119,581
18	Pipeline - Remaining	$227,523	$483,270	$939,270	$615,363	$416,438	$179,597	$41,383	$5,416	$3,665	$10	$21,203	$96,147	$3,029,284	$2,861,460	$167,824
19	Storage & Peaking	$790,891	$1,679,894	$3,264,992	$2,139,061	$1,447,578	$624,297	$143,853	$18,826	$12,740	$35	$73,704	$334,216	$10,530,086	$9,946,712	$583,374
20																
21	TOTAL	$1,205,010	$2,349,761	$4,390,858	$2,941,021	$2,050,612	$990,491	$371,833	$210,839	$203,002	$186,642	$281,503	$616,960	$15,798,533	$13,927,753	$1,870,780
22																

23	Less: Capacity Release &	$1,674,016
24	Asset Management Credit	
25	Total for Working Capital	$14,124,516
26		
27	Demand Cost Deducts	
28	Interuptible Margins	$23,829
29	Off System Sales Margins	$0
30	Other	$0
31	TOTAL DEDUCTS	$23,829
32		
33	Grand Total - Capacity	**$14,100,687**

SMBA Seasonal Demand Factors		
	Winter	Summer
Pipeline Base & Remaining	0.7556	0.2444
Storage & Peaking	0.9446	0.0554

Northern Utilities - NEW HAMPSHIRE DIVISION

Summary of Demand and Supply Forecast

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Total
I. Gas Volumes							
A. Firm Demand Volumes (Therms)							
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)	47,840	68,920	81,440	72,830	64,360	42,200	377,590
Company Use	21,360	29,650	34,050	29,440	26,090	18,220	158,810
Interruptible	2,950	0	0	0	0	15,445	18,396
Non-Grandfathered Transportatior	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
Total Firm Demand Volumes	**4,856,280**	**6,991,800**	**8,258,230**	**7,385,220**	**6,525,320**	**4,298,515**	**38,315,365**
B. Supply Volumes (Net Therms)							
Pipeline Gas:							
GSGT PNGTS Deliveries	146,994	156,133	159,591	144,169	160,938	915,855	1,683,680
GSGT TGP Niagra	91,011	251,943	262,161	242,005	77,158	544,529	1,468,808
GSGT TGP Iroquois via Chicago	105,573	269,263	216,182	127,870	280,307	364,740	1,363,935
AGT FT Deliveries via Chicago	168,786	34,478	92,939	149,694	32,837	479,204	957,938
AGT FT Deliveries via Gulf Coast	11,549	0	5,824	581	0	158,585	176,540
TGP Gulf Coast	1,228,711	1,508,302	1,576,166	1,442,303	1,355,904	1,574,921	8,686,307
GSGT PNGTS via Chicago	0	1,622	6,636	16,595	2,297,957	0	2,322,809
PNGTS IN KIND TRANSFER	197,619	209,905	214,555	193,828	216,365	252,107	1,284,379
Subtotal Pipeline Volumes	1,950,244	2,431,646	2,534,054	2,317,045	4,421,466	4,289,941	17,944,397
Storage:							
TGP FS Stg	60,167	185,525	505,697	252,895	191,235	0	1,195,519
TETCO Stg (SS1, FSS)	2,421	2,469	6,576	6,321	6,192	365	24,344
MCN Stg	0	0	0	0	0	0	0
A	2,235,843	3,600,774	4,206,379	4,110,749	1,127,510	0	15,281,255
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	2,298,432	3,788,769	4,718,652	4,369,965	1,324,936	365	16,501,118
Peaking							
B	601,169	755,628	751,291	652,202	771,873	0	3,532,164
LNG (includes boiloff)	6,435	15,757	66,261	46,008	7,045	8,209	149,715
Propane	0	0	0	0	0	0	0
Duke	0	0	187,972	0	0	0	187,972
Other	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Subtotal Peaking Volumes	607,604	771,385	1,005,525	698,210	778,918	8,209	3,869,851
Total Firm Sales/Sendout Volumes	**4,856,280**	**6,991,800**	**8,258,230**	**7,385,220**	**6,525,320**	**4,298,515**	**38,315,365**
II. Gas Costs							
A. Demand Costs							
Pipeline/Supply Related Demand Costs							
Granite							$760,313
PNGTS							$137,509
Algonquin							$151,563
Iroquois							$197,703
Tennessee							$1,205,584
Texas Eastern							$29,325
TransCanada							$239,445
TransCanada SH							$278,154
Union							$0
Vector							$981,446
B							$0
C							$0
Other							$0
TCPL							$0
Subtotal Pipeline Demand Costs							$3,981,042
Storage							
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
Subtotal Storage Demand Costs							$7,963,251
Peaking							
B							$688,469
C							$1,294,992
MCN							$0
Other							$0
Other							$0
Subtotal Peaking Demand Costs							$1,983,460
Capacity Release							($1,674,016)
Off System Credits							$0
Interruptible Margins and Other Misc Items							(23,829)
Total Demand Costs							**$12,229,908**

Northern Utilities - NEW HAMPSHIRE DIVISION

Summary of Demand and Supply Forecast

83	**B. Supply Commodity Costs**							
84	**NH Allocation Factors**	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
85	Pipeline Purchases							
86	GSGT PNGTS Deliveries	$101,905	$113,759	$121,407	$110,600	$121,632	$720,142	$1,289,446
87	GSGT TGP Niagra	$71,596	$206,946	$223,543	$207,940	$65,461	$432,490	$1,207,976
88	GSGT TGP Iroquois via Chicago	$78,971	$210,554	$175,821	$104,938	$226,895	$275,188	$1,072,367
89	AGT FT Deliveries via Chicago	$131,352	$28,399	$79,533	$129,053	$27,940	$372,953	$769,230
90	AGT FT Deliveries via Gulf Coast	$9,455	$0	$5,255	$518	$0	$126,240	$141,467
91	TGP Gulf Coast	$973,172	$1,250,362	$1,357,859	$1,251,318	$1,159,175	$1,271,615	$7,263,501
92	GSGT PNGTS via Chicago	$0	$1,264	$5,395	$13,592	$1,857,885	$0	$1,878,135
93	PNGTS IN KIND TRANSFER	($117,148)	($123,970)	($124,184)	($109,920)	($119,131)	($88,893)	($683,246)
94	Total Pipeline Purchase $$	$1,249,303	$1,687,314	$1,844,630	$1,708,040	$3,339,857	$3,109,733	$12,938,877
95								
96	Storage Withdrawals							
97	TGP FS Stg	$64,940	$192,750	$523,006	$260,917	$197,741	$221	$1,239,576
98	TETCO Stg (SS1, FSS)	$2,079	$2,132	$5,583	$5,365	$5,398	$130	$20,688
99	MCN Stg	$0	$0	$0	$0	$0	$0	$0
100	Washington 10	$1,932,457	$3,936,452	$4,572,585	$4,381,740	$1,154,716	$4,730	$15,982,680
101	Other	$0	$0	$0	$0	$0	$0	$0
102	Total Storage Withdrawal $$	$1,999,476	$4,131,334	$5,101,174	$4,648,022	$1,357,855	$5,081	$17,242,943
103								
104	Peaking							
105	Domac	$524,438	$659,181	$673,782	$608,694	$679,467	$7,127	$3,152,689
106	LNG	$59,069	$45,450	$12,346	$21,853	$18,859	$20,345	$177,923
107	Propane	$0	$0	$0	$0	$0	$0	$0
108	Duke	$0	$0	$286,590	$0	$0	$0	$286,590
109	Other	$0	$0	$0	$0	$0	$0	$0
110	Other	$0	$0	$0	$0	$0	$0	$0
111	Total Peaking $$	$583,508	$704,632	$972,718	$630,548	$698,326	$27,472	$3,617,203
112								
113	Interruptible Included above	$ (2,189)	$ -	$ -	$ -	$ -	$ (13,314)	$ (15,503)
114								
115	Hedging (Gain)/Loss	$186,894	$285,459	$275,360	$252,083	$215,559	$236,624	$1,451,979
116								
117	**Total Commodity Costs**	**$4,016,992**	**$6,808,739**	**$8,193,882**	**$7,238,692**	**$5,611,597**	**$3,365,597**	**$35,235,499**
118								
119	Total Direct Costs							**$47,465,406**

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

Row		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 DEMAND COSTS BY CLASS**															
2																
3		30	31	31	28	31	30	31	30	31	31	30	31	365	181	184
4		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
5																
6	Res Heat	$ 40,221	$ 40,121	$ 40,424	$ 40,582	$ 40,814	$ 41,449	$ 40,587	$ 40,624	$ 40,127	$ 39,257	$ 40,121	$ 40,672	$ 484,999	$ 243,611	$ 241,387
7	Res General	$ 2,265	$ 2,259	$ 2,276	$ 2,285	$ 2,298	$ 2,334	$ 2,285	$ 2,287	$ 2,259	$ 2,325	$ 2,259	$ 2,290	$ 27,422	$ 13,716	$ 13,706
9	G50 Low Annual-Low Winter	$ 17,188	$ 17,145	$ 17,274	$ 17,342	$ 17,441	$ 17,712	$ 17,344	$ 16,926	$ 17,148	$ 17,736	$ 17,145	$ 14,848	$ 205,248	$ 104,102	$ 101,146
10	G40 Low Annual-High Winter	$ 11,292	$ 11,263	$ 11,348	$ 11,393	$ 11,458	$ 11,636	$ 11,394	$ 11,405	$ 11,265	$ 10,542	$ 11,263	$ 11,418	$ 135,678	$ 68,390	$ 67,288
11	G51 Med Annual-Low Winter	$ 23,885	$ 23,826	$ 24,005	$ 24,100	$ 24,237	$ 24,614	$ 24,102	$ 23,659	$ 23,829	$ 23,545	$ 23,826	$ 24,153	$ 287,781	$ 144,667	$ 143,114
12	G41 Med Annual-High Winter	$ 15,033	$ 14,996	$ 15,109	$ 15,168	$ 15,255	$ 15,492	$ 15,170	$ 15,184	$ 14,998	$ 14,062	$ 14,996	$ 15,202	$ 180,666	$ 91,054	$ 89,612
13	G52 High Annual-Low Winter	$ 9,501	$ 9,944	$ 8,610	$ 7,912	$ 6,890	$ 4,097	$ 7,893	$ 9,155	$ 9,945	$ 10,393	$ 9,944	$ 10,050	$ 104,335	$ 46,955	$ 57,380
14	G42 High Annual-High Winter	$ 2,231	$ 2,225	$ 2,242	$ 2,251	$ 2,264	$ 2,299	$ 2,251	$ 1,726	$ 2,226	$ 1,901	$ 2,225	$ 2,256	$ 26,099	$ 13,513	$ 12,586
15	Non-Grandfathered T50 Low Annual-Low Winter	$ 1,139	$ 1,136	$ 1,144	$ 1,149	$ 1,156	$ 1,173	$ 1,149	$ 1,150	$ 1,136	$ 1,166	$ 1,136	$ 1,151	$ 13,786	$ 6,897	$ 6,889
16	Non-Grandfathered T40 Low Annual-High Winter	$ 1,474	$ 1,470	$ 1,481	$ 1,487	$ 1,496	$ 1,519	$ 1,487	$ 1,489	$ 1,470	$ 1,494	$ 1,470	$ 1,490	$ 17,828	$ 8,927	$ 8,901
17	Non-Grandfathered T51 Med Annual-Low Winter	$ 9,620	$ 9,596	$ 9,668	$ 9,706	$ 9,761	$ 9,913	$ 9,707	$ 9,716	$ 9,597	$ 10,102	$ 9,596	$ 9,727	$ 116,708	$ 58,263	$ 58,445
18	Non-Grandfathered T41 Med Annual-High Winter	$ 7,612	$ 7,593	$ 7,651	$ 7,681	$ 7,725	$ 7,845	$ 7,682	$ 7,689	$ 7,595	$ 7,790	$ 7,593	$ 7,698	$ 92,152	$ 46,106	$ 46,045
19	Non-Grandfathered T52 High Annual-Low Winter	$ 3,847	$ 3,837	$ 3,866	$ 3,882	$ 3,904	$ 3,964	$ 3,882	$ 3,886	$ 3,808	$ 4,049	$ 3,837	$ 3,890	$ 46,653	$ 23,301	$ 23,353
20	Non-Grandfathered T42 High Annual-High Winter	$ 2,516	$ 2,510	$ 2,529	$ 2,539	$ 2,553	$ 2,593	$ 2,539	$ 2,542	$ 2,510	$ 2,345	$ 2,510	$ 2,545	$ 30,232	$ 15,241	$ 14,991
21	Non-Grandfathered Special Contracts	$ 38,773	$ 38,676	$ 38,968	$ 39,121	$ 39,344	$ 39,956	$ 39,125	$ 39,161	$ 38,682	$ 39,890	$ 38,676	$ 39,207	$ 469,576	$ 234,837	$ 234,739
22	TOTAL	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 2,239,163	$ 1,119,581	$ 1,119,581
23																
24	Residential	$ 42,486	$ 42,380	$ 42,700	$ 42,867	$ 43,112	$ 43,782	$ 42,872	$ 42,911	$ 42,386	$ 41,582	$ 42,380	$ 42,962	$ 512,421	$ 257,327	$ 255,093
25	SALES HLF CLASSES	$ 50,574	$ 50,914	$ 49,890	$ 49,354	$ 48,569	$ 46,424	$ 49,339	$ 49,740	$ 50,922	$ 51,674	$ 50,914	$ 49,051	$ 597,364	$ 295,724	$ 301,640
26	SALES LLF CLASSES	$ 28,556	$ 28,485	$ 28,700	$ 28,812	$ 28,977	$ 29,427	$ 28,815	$ 28,315	$ 28,489	$ 26,506	$ 28,485	$ 28,876	$ 342,443	$ 172,957	$ 169,486
27	Non-Grandfathered HLF CLASSES	$ 53,378	$ 53,245	$ 53,647	$ 53,857	$ 54,165	$ 55,007	$ 53,863	$ 53,912	$ 53,223	$ 55,207	$ 53,245	$ 53,976	$ 646,723	$ 323,298	$ 323,426
28	Non-Grandfathered LLF CLASSES	$ 11,603	$ 11,574	$ 11,661	$ 11,707	$ 11,774	$ 11,957	$ 11,708	$ 11,719	$ 11,576	$ 11,629	$ 11,574	$ 11,733	$ 140,212	$ 70,275	$ 69,937
29																
30																
31																
32	**BASE COMMODITY COSTS BY CLASS**															
33		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	$ 222,798	$ 249,383	$ 261,617	$ 239,294	$ 271,477	$ 252,118	$ 236,666	$ 209,309	$ 220,993	$ 200,321	$ 226,046	$ 265,401	$ 2,855,424	$ 1,496,687	$ 1,358,737
35	Res General	$ 12,544	$ 14,041	$ 14,730	$ 13,473	$ 15,285	$ 14,195	$ 13,325	$ 11,785	$ 12,443	$ 11,865	$ 12,727	$ 14,943	$ 161,355	$ 84,268	$ 77,088
36	G50 Low Annual-Low Winter	$ 95,208	$ 106,569	$ 111,796	$ 102,257	$ 116,010	$ 107,737	$ 101,135	$ 87,208	$ 94,437	$ 90,504	$ 96,596	$ 96,887	$ 1,206,344	$ 639,578	$ 566,766
37	G40 Low Annual-High Winter	$ 62,547	$ 70,011	$ 73,445	$ 67,178	$ 76,213	$ 70,778	$ 66,441	$ 58,761	$ 62,041	$ 53,797	$ 63,459	$ 74,508	$ 799,178	$ 420,173	$ 379,005
38	G51 Med Annual-Low Winter	$ 132,307	$ 148,095	$ 155,360	$ 142,104	$ 161,216	$ 149,719	$ 140,543	$ 121,902	$ 131,235	$ 120,144	$ 134,237	$ 157,607	$ 1,694,468	$ 888,800	$ 805,668
39	G41 Med Annual-High Winter	$ 83,274	$ 93,211	$ 97,784	$ 89,440	$ 101,469	$ 94,233	$ 88,458	$ 78,233	$ 82,600	$ 71,757	$ 84,489	$ 99,198	$ 1,064,146	$ 559,412	$ 504,734
40	G52 High Annual-Low Winter	$ 52,631	$ 61,809	$ 55,724	$ 46,655	$ 45,828	$ 24,922	$ 46,024	$ 47,170	$ 54,772	$ 53,033	$ 56,025	$ 65,583	$ 610,175	$ 287,568	$ 322,607
41	G42 High Annual-High Winter	$ 12,358	$ 13,833	$ 14,511	$ 13,273	$ 15,058	$ 13,985	$ 13,127	$ 8,895	$ 12,258	$ 9,701	$ 12,538	$ 14,721	$ 154,260	$ 83,019	$ 71,241
42	Non-Grandfathered T50 Low Annual-Low Winter	$ 6,308	$ 7,060	$ 7,407	$ 6,775	$ 7,686	$ 7,138	$ 6,700	$ 5,926	$ 6,257	$ 5,951	$ 6,400	$ 7,514	$ 81,121	$ 42,373	$ 38,747
43	Non-Grandfathered T40 Low Annual-High Winter	$ 8,164	$ 9,139	$ 9,587	$ 8,769	$ 9,948	$ 9,239	$ 8,673	$ 7,670	$ 8,098	$ 7,622	$ 8,283	$ 9,726	$ 104,918	$ 54,846	$ 50,072
44	Non-Grandfathered T51 Med Annual-Low Winter	$ 53,286	$ 59,644	$ 62,570	$ 57,231	$ 64,928	$ 60,298	$ 56,603	$ 50,060	$ 52,854	$ 51,548	$ 54,063	$ 63,475	$ 686,558	$ 357,956	$ 328,602
45	Non-Grandfathered T41 Med Annual-High Winter	$ 42,167	$ 47,199	$ 49,514	$ 45,289	$ 51,380	$ 47,716	$ 44,792	$ 39,614	$ 41,826	$ 39,749	$ 42,782	$ 50,230	$ 542,261	$ 283,267	$ 258,994
46	Non-Grandfathered T52 High Annual-Low Winter	$ 21,310	$ 23,853	$ 25,023	$ 22,888	$ 25,966	$ 24,114	$ 22,636	$ 20,020	$ 20,974	$ 20,662	$ 21,621	$ 25,385	$ 274,451	$ 143,153	$ 131,298
47	Non-Grandfathered T42 High Annual-High Winter	$ 13,939	$ 15,602	$ 16,368	$ 14,971	$ 16,985	$ 15,773	$ 14,807	$ 13,095	$ 13,826	$ 11,967	$ 14,142	$ 16,604	$ 178,080	$ 93,638	$ 84,442
48	Non-Grandfathered Special Contracts	$ 214,773	$ 240,401	$ 252,193	$ 230,675	$ 261,699	$ 243,037	$ 228,142	$ 201,770	$ 213,033	$ 203,549	$ 217,904	$ 255,842	$ 2,763,018	$ 1,442,778	$ 1,320,240
49	TOTAL	$ 1,033,614	$ 1,159,850	$ 1,207,628	$ 1,100,273	$ 1,241,150	$ 1,135,002	$ 1,088,072	$ 961,417	$ 1,027,645	$ 952,171	$ 1,051,312	$ 1,217,623	$ 13,175,757	$ 6,877,517	$ 6,298,241
50																
51	Residential	$ 235,342	$ 263,424	$ 276,346	$ 252,767	$ 286,762	$ 266,313	$ 249,991	$ 221,094	$ 233,435	$ 212,187	$ 238,773	$ 280,344	$ 3,016,779	$ 1,580,955	$ 1,435,825
52	SALES HLF CLASSES	$ 280,146	$ 316,473	$ 322,880	$ 291,016	$ 323,054	$ 282,378	$ 287,701	$ 256,279	$ 280,444	$ 263,681	$ 286,858	$ 320,077	$ 3,510,987	$ 1,815,947	$ 1,695,041
53	SALES LLF CLASSES	$ 158,180	$ 177,055	$ 185,740	$ 169,892	$ 192,741	$ 178,996	$ 168,026	$ 145,888	$ 156,898	$ 135,255	$ 160,486	$ 188,427	$ 2,017,585	$ 1,062,604	$ 954,981
54	Non-Grandfathered HLF CLASSES	$ 295,676	$ 330,958	$ 347,193	$ 317,568	$ 360,279	$ 334,587	$ 314,081	$ 277,776	$ 293,117	$ 281,710	$ 299,987	$ 352,215	$ 3,805,148	$ 1,986,261	$ 1,818,887
55	Non-Grandfathered LLF CLASSES	$ 64,271	$ 71,940	$ 75,469	$ 69,029	$ 78,313	$ 72,729	$ 68,271	$ 60,380	$ 63,750	$ 59,338	$ 65,208	$ 76,560	$ 825,258	$ 431,751	$ 393,508

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

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
6	Res Heat	$ 263,019	$ 289,504	$ 302,040	$ 279,876	$ 312,292	$ 293,566	$ 277,253	$ 249,933	$ 261,120	$ 239,578	$ 266,167	$ 306,073	$ 3,340,422	$ 1,740,298	$ 1,600,124
7	Res General	$ 14,809	$ 16,300	$ 17,006	$ 15,758	$ 17,583	$ 16,529	$ 15,610	$ 14,072	$ 14,702	$ 14,191	$ 14,986	$ 17,233	$ 188,777	$ 97,984	$ 90,793
9	G50 Low Annual-Low Winter	$ 112,396	$ 123,714	$ 129,071	$ 119,599	$ 133,451	$ 125,450	$ 118,478	$ 104,134	$ 111,584	$ 108,240	$ 113,741	$ 111,734	$ 1,411,592	$ 743,680	$ 667,912
10	G40 Low Annual-High Winter	$ 73,839	$ 81,274	$ 84,794	$ 78,571	$ 87,671	$ 82,415	$ 77,835	$ 70,165	$ 73,306	$ 64,339	$ 74,723	$ 85,926	$ 934,857	$ 488,564	$ 446,293
11	G51 Med Annual-Low Winter	$ 156,192	$ 171,921	$ 179,365	$ 166,203	$ 185,453	$ 174,333	$ 164,645	$ 145,561	$ 155,065	$ 143,688	$ 158,062	$ 181,760	$ 1,982,249	$ 1,033,468	$ 948,782
12	G41 Med Annual-High Winter	$ 98,308	$ 108,207	$ 112,893	$ 104,609	$ 116,724	$ 109,725	$ 103,628	$ 93,417	$ 97,598	$ 85,819	$ 99,485	$ 114,400	$ 1,244,812	$ 650,466	$ 594,346
13	G52 High Annual-Low Winter	$ 62,132	$ 71,753	$ 64,334	$ 54,567	$ 52,718	$ 29,019	$ 53,916	$ 56,325	$ 64,718	$ 63,426	$ 65,969	$ 75,634	$ 714,510	$ 334,523	$ 379,987
14	G42 High Annual-High Winter	$ 14,589	$ 16,058	$ 16,754	$ 15,524	$ 17,322	$ 16,284	$ 15,379	$ 10,621	$ 14,484	$ 11,603	$ 14,764	$ 16,977	$ 180,359	$ 96,531	$ 83,827
15	Non-Grandfathered T50 Low Annual-Low Winter	$ 7,446	$ 8,196	$ 8,551	$ 7,924	$ 8,841	$ 8,311	$ 7,849	$ 7,076	$ 7,393	$ 7,117	$ 7,536	$ 8,665	$ 94,906	$ 49,270	$ 45,636
16	Non-Grandfathered T40 Low Annual-High Winter	$ 9,638	$ 10,609	$ 11,068	$ 10,256	$ 11,444	$ 10,758	$ 10,160	$ 9,159	$ 9,569	$ 9,115	$ 9,754	$ 11,216	$ 122,745	$ 63,773	$ 58,972
17	Non-Grandfathered T51 Med Annual-Low Winter	$ 62,905	$ 69,240	$ 72,238	$ 66,937	$ 74,690	$ 70,211	$ 66,309	$ 59,775	$ 62,451	$ 61,650	$ 63,658	$ 73,202	$ 803,266	$ 416,220	$ 387,047
18	Non-Grandfathered T41 Med Annual-High Winter	$ 49,780	$ 54,792	$ 57,165	$ 52,970	$ 59,105	$ 55,561	$ 52,474	$ 47,303	$ 49,420	$ 47,539	$ 50,375	$ 57,928	$ 634,413	$ 329,373	$ 305,039
19	Non-Grandfathered T52 High Annual-Low Winter	$ 25,157	$ 27,690	$ 28,889	$ 26,769	$ 29,870	$ 28,079	$ 26,518	$ 23,905	$ 24,783	$ 24,711	$ 25,458	$ 29,275	$ 321,105	$ 166,454	$ 154,651
20	Non-Grandfathered T42 High Annual-High Winter	$ 16,455	$ 18,112	$ 18,897	$ 17,510	$ 19,538	$ 18,367	$ 17,346	$ 15,637	$ 16,337	$ 14,313	$ 16,652	$ 19,149	$ 208,312	$ 108,879	$ 99,433
21	Non-Grandfathered Special Contracts	$ 253,545	$ 279,077	$ 291,161	$ 269,795	$ 301,043	$ 282,993	$ 267,267	$ 240,931	$ 251,715	$ 243,439	$ 256,580	$ 295,048	$ 3,232,594	$ 1,677,614	$ 1,554,979
22	TOTAL	$ 1,220,210	$ 1,346,447	$ 1,394,225	$ 1,286,870	$ 1,427,747	$ 1,321,599	$ 1,274,669	$ 1,148,014	$ 1,214,242	$ 1,138,768	$ 1,237,909	$ 1,404,220	$ 15,414,920	$ 7,997,098	$ 7,417,822
24	Residential	$ 277,828	$ 305,804	$ 319,046	$ 295,634	$ 329,875	$ 310,095	$ 292,863	$ 264,005	$ 275,822	$ 253,769	$ 281,153	$ 323,306	$ 3,529,200	$ 1,838,282	$ 1,690,918
25	SALES HLF CLASSES	$ 330,720	$ 367,387	$ 372,770	$ 340,370	$ 371,623	$ 328,801	$ 337,040	$ 306,019	$ 331,367	$ 315,355	$ 337,772	$ 369,128	$ 4,108,351	$ 2,111,671	$ 1,996,680
26	SALES LLF CLASSES	$ 186,736	$ 205,540	$ 214,440	$ 198,704	$ 221,718	$ 208,424	$ 196,842	$ 174,203	$ 185,387	$ 161,760	$ 188,971	$ 217,303	$ 2,360,027	$ 1,235,561	$ 1,124,466
27	Non-Grandfathered HLF CLASSES	$ 349,054	$ 384,203	$ 400,839	$ 371,425	$ 414,444	$ 389,594	$ 367,944	$ 331,688	$ 346,341	$ 336,917	$ 353,232	$ 406,191	$ 4,451,871	$ 2,309,559	$ 2,142,313
28	Non-Grandfathered LLF CLASSES	$ 75,873	$ 83,514	$ 87,130	$ 80,736	$ 90,087	$ 84,685	$ 79,979	$ 72,098	$ 75,325	$ 70,967	$ 76,781	$ 88,293	$ 965,470	$ 502,025	$ 463,445

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
6	Res Heat	$ 222,798	$ 249,383	$ 261,617	$ 239,294	$ 271,477	$ 252,118	$ 240,757	$ 213,918	$ 224,269	$ 202,336	$ 227,175	$ 266,234	$ 2,871,375	$ 1,496,687	$ 1,374,688
7	Res General	$ 12,544	$ 14,041	$ 14,730	$ 13,473	$ 15,285	$ 14,195	$ 13,555	$ 12,044	$ 12,627	$ 11,985	$ 12,791	$ 14,990	$ 162,259	$ 84,268	$ 77,992
9	G50 Low Annual-Low Winter	$ 95,208	$ 106,569	$ 111,796	$ 102,257	$ 116,010	$ 107,737	$ 102,883	$ 89,128	$ 95,837	$ 91,414	$ 97,078	$ 97,191	$ 1,213,109	$ 639,578	$ 573,531
10	G40 Low Annual-High Winter	$ 62,547	$ 70,011	$ 73,445	$ 67,178	$ 76,213	$ 70,778	$ 67,589	$ 60,054	$ 62,960	$ 54,337	$ 63,776	$ 74,741	$ 803,632	$ 420,173	$ 383,459
11	G51 Med Annual-Low Winter	$ 132,307	$ 148,095	$ 155,360	$ 142,104	$ 161,216	$ 149,719	$ 142,973	$ 124,586	$ 133,181	$ 121,352	$ 134,907	$ 158,102	$ 1,703,900	$ 888,800	$ 815,100
12	G41 Med Annual-High Winter	$ 83,274	$ 93,211	$ 97,784	$ 89,440	$ 101,469	$ 94,233	$ 89,987	$ 79,956	$ 83,824	$ 72,478	$ 84,910	$ 99,509	$ 1,070,077	$ 559,412	$ 510,665
13	G52 High Annual-Low Winter	$ 52,631	$ 61,809	$ 55,724	$ 46,655	$ 45,828	$ 24,922	$ 46,819	$ 48,208	$ 55,584	$ 53,566	$ 56,305	$ 65,789	$ 613,840	$ 287,568	$ 326,272
14	G42 High Annual-High Winter	$ 12,358	$ 13,833	$ 14,511	$ 13,273	$ 15,058	$ 13,985	$ 13,354	$ 9,091	$ 12,440	$ 9,799	$ 12,601	$ 14,768	$ 155,071	$ 83,019	$ 72,052
15	Non-Grandfathered T50 Low Annual-Low Winter	$ 6,308	$ 7,060	$ 7,407	$ 6,775	$ 7,686	$ 7,138	$ 6,816	$ 6,056	$ 6,349	$ 6,011	$ 6,432	$ 7,537	$ 81,575	$ 42,373	$ 39,202
16	Non-Grandfathered T40 Low Annual-High Winter	$ 8,164	$ 9,139	$ 9,587	$ 8,769	$ 9,948	$ 9,239	$ 8,823	$ 7,839	$ 8,218	$ 7,698	$ 8,325	$ 9,756	$ 105,505	$ 54,846	$ 50,659
17	Non-Grandfathered T51 Med Annual-Low Winter	$ 53,286	$ 59,644	$ 62,570	$ 57,231	$ 64,928	$ 60,298	$ 57,581	$ 51,162	$ 53,637	$ 52,067	$ 54,332	$ 63,674	$ 690,410	$ 357,956	$ 332,454
18	Non-Grandfathered T41 Med Annual-High Winter	$ 42,167	$ 47,199	$ 49,514	$ 45,289	$ 51,380	$ 47,716	$ 45,566	$ 40,487	$ 42,446	$ 40,149	$ 42,996	$ 50,388	$ 545,298	$ 283,267	$ 262,031
19	Non-Grandfathered T52 High Annual-Low Winter	$ 21,310	$ 23,853	$ 25,023	$ 22,888	$ 25,966	$ 24,114	$ 23,028	$ 20,461	$ 21,285	$ 20,870	$ 21,729	$ 25,464	$ 275,990	$ 143,153	$ 132,836
20	Non-Grandfathered T42 High Annual-High Winter	$ 13,939	$ 15,602	$ 16,368	$ 14,971	$ 16,985	$ 15,773	$ 15,063	$ 13,383	$ 14,031	$ 12,088	$ 14,213	$ 16,657	$ 179,072	$ 93,638	$ 85,434
21	Non-Grandfathered Special Contracts	$ 214,773	$ 240,401	$ 252,193	$ 230,675	$ 261,699	$ 243,037	$ 232,085	$ 206,213	$ 216,191	$ 205,596	$ 218,992	$ 256,644	$ 2,778,500	$ 1,442,778	$ 1,335,722
22	TOTAL	$ 1,033,614	$ 1,159,850	$ 1,207,628	$ 1,100,273	$ 1,241,150	$ 1,135,002	$ 1,106,879	$ 982,586	$ 1,042,880	$ 961,746	$ 1,056,561	$ 1,221,444	$ 13,249,613	$ 6,877,517	$ 6,372,096
24	SALES HLF CLASSES	$ 292,690	$ 330,514	$ 337,610	$ 304,489	$ 338,339	$ 296,573	$ 306,230	$ 273,967	$ 297,229	$ 278,317	$ 301,080	$ 336,071	$ 3,693,108	$ 1,900,215	$ 1,792,894
25	SALES LLF CLASSES	$ 380,977	$ 426,438	$ 447,357	$ 409,186	$ 464,218	$ 431,114	$ 411,688	$ 363,019	$ 383,493	$ 338,951	$ 388,462	$ 455,252	$ 4,900,155	$ 2,559,291	$ 2,340,864
26	Non-Grandfathered HLF CLASSES	$ 295,676	$ 330,958	$ 347,193	$ 317,568	$ 360,279	$ 334,587	$ 319,510	$ 283,892	$ 297,463	$ 284,543	$ 301,485	$ 353,320	$ 3,826,474	$ 1,986,261	$ 1,840,213
27	Non-Grandfathered LLF CLASSES	$ 64,271	$ 71,940	$ 75,469	$ 69,029	$ 78,313	$ 72,729	$ 69,451	$ 61,709	$ 64,695	$ 59,935	$ 65,533	$ 76,801	$ 829,875	$ 431,751	$ 398,125

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

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
<u>REMAINING COSTS</u>

Line		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		
1	**Annual Allocation (by class) of Remaining Demand by Component**									
2										
3										
4	Res Heat	$ 1,179,113	$ 4,098,709	$ (651,591)	$ (9,275)	$ -	$ -	**$ 4,616,956**		
5	Res General	$ 8,604	$ 29,909	$ (4,755)	$ (68)	$ -	$ -	**$ 33,690**		
6	G50 Low Annual-Low Winter	$ 32,707	$ 113,694	$ (18,074)	$ (257)	$ -	$ -	**$ 128,069**		
7	G40 Low Annual-High Winter	$ 681,255	$ 2,368,107	$ (376,469)	$ (5,359)	$ -	$ -	**$ 2,667,534**		
8	G51 Med Annual-Low Winter	$ 90,696	$ 315,270	$ (50,120)	$ (713)	$ -	$ -	**$ 355,133**		
9	G41 Med Annual-High Winter	$ 558,204	$ 1,940,373	$ (308,470)	$ (4,391)	$ -	$ -	**$ 2,185,716**		
10	G52 High Annual-Low Winter	$ 7,602	$ 26,426	$ (4,201)	$ (60)	$ -	$ -	**$ 29,767**		
11	G42 High Annual-High Winter	$ 73,901	$ 256,886	$ (40,838)	$ (581)	$ -	$ -	**$ 289,367**		
12	Non-Grandfathered T50 Low Annual-Low Winter	$ 9,783	$ 34,006	$ (5,406)	$ (77)	$ -	$ -	**$ 38,305**		
13	Non-Grandfathered T40 Low Annual-High Winter	$ 40,958	$ 142,373	$ (22,634)	$ (322)	$ -	$ -	**$ 160,375**		
14	Non-Grandfathered T51 Med Annual-Low Winter	$ 29,702	$ 103,246	$ (16,414)	$ (234)	$ -	$ -	**$ 116,301**		
15	Non-Grandfathered T41 Med Annual-High Winter	$ 207,853	$ 722,518	$ (114,862)	$ (1,635)	$ -	$ -	**$ 813,875**		
16	Non-Grandfathered T52 High Annual-Low Winter	$ 9,901	$ 34,415	$ (5,471)	$ (78)	$ -	$ -	**$ 38,767**		
17	Non-Grandfathered T42 High Annual-High Winter	$ 78,615	$ 273,275	$ (43,444)	$ (618)	$ -	$ -	**$ 307,828**		
18	Non-Grandfathered Special Contracts	$ 20,390	$ 70,879	$ (11,268)	$ (160)	$ -	$ -	**$ 79,841**		
19	TOTAL	$ 3,029,284	$ 10,530,086	$ (1,674,016)	$ (23,829)	$ -	$ -	$ 11,861,525		
20										
21	Residential	$ 1,187,717	$ 4,128,618	$ (656,345)	$ (9,343)	$ -	$ -	$ 4,650,646	$ -	$ -
22	SALES HLF CLASSES	$ 131,006	$ 455,389	$ (72,395)	$ (1,031)	$ -	$ -	$ 512,969	$ -	$ -
23	SALES LLF CLASSES	$ 1,313,360	$ 4,565,366	$ (725,777)	$ (10,331)	$ -	$ -	$ 5,142,617	$ -	$ -
24	Non-Grandfathered HLF CLASSES	$ 69,776	$ 242,547	$ (38,559)	$ (549)	$ -	$ -	$ 273,215	$ -	$ -
25	Non-Grandfathered LLF CLASSES	$ 327,426	$ 1,138,166	$ (180,940)	$ (2,576)	$ -	$ -	$ 1,282,078	$ -	$ -
26										
27										

Line		Remaining Load	Rank	%WINTER	PR	CumPR		Remaining Load No Off Peak	Rank	%WINTER	PR	CumPR
28	**Proportional Responsibility (PR) Allocator**											
29												
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
5	TOT REMAINING COMMODITY	$ 2,983,378	$ 5,648,888	$ 6,986,254	$ 6,138,420	$ 4,370,448	$ 2,230,594	$ 576,100	$ 84,307	$ 64,373	$ 12,356	$ 296,717	$ 1,343,673	$ 30,735,509	$ 28,357,982	$ 2,377,526
7	Res Heat	$ 1,145,835	$ 2,153,039	$ 2,671,769	$ 2,310,846	$ 1,676,539	$ 834,357	$ 208,859	$ 17,696	$ 19,185	$ 3,683	$ 103,203	$ 514,860	$ 11,659,871	$ 10,792,385	$ 867,486
8	Res General	$ 7,367	$ 12,818	$ 15,914	$ 15,592	$ 9,985	$ 5,453	$ 1,284	$ 537	$ 364	$ 70	$ 1,053	$ 945	$ 71,381	$ 67,130	$ 4,252
10	G50 Low Annual-Low Winter	$ 4,592	$ 36,302	$ 45,322	$ 53,993	$ 28,197	$ 17,565	$ 3,766	$ -	$ 2,210	$ 424	$ 5,167	$ -	$ 197,539	$ 185,971	$ 11,568
11	G40 Low Annual-High Winter	$ 670,365	$ 1,262,203	$ 1,564,927	$ 1,343,162	$ 983,224	$ 488,408	$ 126,603	$ 11,717	$ 8,368	$ 1,606	$ 61,909	$ 306,660	$ 6,829,152	$ 6,312,290	$ 516,863
12	G51 Med Annual-Low Winter	$ 68,595	$ 127,255	$ 161,393	$ 157,134	$ 98,166	$ 48,850	$ 5,094	$ -	$ 9,947	$ 1,909	$ 2,903	$ 24,164	$ 705,412	$ 661,394	$ 44,018
13	G41 Med Annual-High Winter	$ 541,826	$ 1,023,873	$ 1,271,964	$ 1,095,645	$ 796,904	$ 393,529	$ 96,814	$ 4,388	$ 10,979	$ 2,107	$ 45,420	$ 243,450	$ 5,526,900	$ 5,123,742	$ 403,158
14	G52 High Annual-Low Winter	$ -	$ 2,290	$ -	$ -	$ -	$ -	$ -	$ -	$ 621	$ 119	$ 1,827	$ -	$ 4,857	$ 2,290	$ 2,567
15	G42 High Annual-High Winter	$ 72,181	$ 135,434	$ 167,937	$ 145,048	$ 105,492	$ 52,617	$ 13,590	$ -	$ 2,787	$ 535	$ 6,847	$ 32,923	$ 735,391	$ 678,709	$ 56,682
16	Non-Grandfathered T50 Low Annual-Low Winter	$ 11,822	$ 21,819	$ 27,077	$ 24,079	$ 16,996	$ 8,647	$ 2,196	$ 224	$ 202	$ 39	$ 1,255	$ 5,324	$ 119,680	$ 110,440	$ 9,240
17	Non-Grandfathered T40 Low Annual-High Winter	$ 49,773	$ 93,724	$ 116,332	$ 100,344	$ 72,980	$ 36,218	$ 9,129	$ 703	$ 360	$ 69	$ 4,448	$ 22,528	$ 506,607	$ 469,371	$ 37,237
18	Non-Grandfathered T51 Med Annual-Low Winter	$ 35,315	$ 62,370	$ 77,485	$ 74,619	$ 48,541	$ 26,014	$ 6,323	$ 2,339	$ 143	$ 27	$ 4,874	$ 15,314	$ 353,366	$ 324,345	$ 29,021
19	Non-Grandfathered T41 Med Annual-High Winter	$ 253,734	$ 476,222	$ 590,512	$ 509,832	$ 370,948	$ 184,974	$ 47,793	$ 5,074	$ 1,388	$ 266	$ 24,034	$ 115,772	$ 2,580,549	$ 2,386,221	$ 194,328
20	Non-Grandfathered T52 High Annual-Low Winter	$ 11,720	$ 20,399	$ 25,364	$ 25,055	$ 15,880	$ 8,664	$ 2,071	$ 36	$ 195	$ 37	$ 1,735	$ 5,024	$ 116,181	$ 107,082	$ 9,099
21	Non-Grandfathered T42 High Annual-High Winter	$ 94,978	$ 179,936	$ 223,687	$ 192,481	$ 140,007	$ 68,891	$ 16,636	$ 350	$ 1,891	$ 363	$ 7,574	$ 42,430	$ 969,225	$ 899,980	$ 69,244
22	Non-Grandfathered Special Contracts	$ 15,273	$ 41,203	$ 26,572	$ 90,589	$ 6,588	$ 56,408	$ 35,942	$ 41,243	$ 5,735	$ 1,101	$ 24,466	$ 14,278	$ 359,398	$ 236,632	$ 122,765
23	TOTAL	$ 2,983,378	$ 5,648,888	$ 6,986,254	$ 6,138,420	$ 4,370,448	$ 2,230,594	$ 576,100	$ 84,307	$ 64,373	$ 12,356	$ 296,717	$ 1,343,673	$ 30,735,509	$ 28,357,982	$ 2,377,526
25	Residential	$ 1,153,202	$ 2,165,857	$ 2,687,683	$ 2,326,438	$ 1,686,524	$ 839,809	$ 210,143	$ 18,232	$ 19,548	$ 3,752	$ 104,256	$ 515,805	$ 11,731,252	$ 10,859,515	$ 871,737
26	SALES HLF CLASSES	$ 73,188	$ 165,848	$ 206,714	$ 211,128	$ 126,363	$ 66,415	$ 8,860	$ -	$ 12,778	$ 2,453	$ 9,897	$ 24,164	$ 907,808	$ 849,655	$ 58,153
27	SALES LLF CLASSES	$ 1,284,373	$ 2,421,510	$ 3,004,829	$ 2,583,855	$ 1,885,620	$ 934,554	$ 237,007	$ 16,105	$ 22,133	$ 4,248	$ 114,176	$ 583,032	$ 13,091,443	$ 12,114,741	$ 976,702
28	Non-Grandfathered HLF CLASSES	$ 74,130	$ 145,791	$ 156,497	$ 214,342	$ 88,005	$ 99,733	$ 46,531	$ 43,843	$ 6,275	$ 1,204	$ 32,331	$ 39,941	$ 948,626	$ 778,500	$ 170,126
29	Non-Grandfathered LLF CLASSES	$ 398,485	$ 749,882	$ 930,530	$ 802,657	$ 583,935	$ 290,083	$ 73,558	$ 6,127	$ 3,639	$ 698	$ 36,056	$ 180,731	$ 4,056,381	$ 3,755,572	$ 300,809

32 **REMAINING PIPELINE 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
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%
38	Res Heat	$ 88,560	$ 188,107	$ 365,599	$ 239,523	$ 162,093	$ 69,906	$ 16,108	$ 2,108	$ 1,427	$ 4	$ 8,253	$ 37,424	$ 1,179,113	$ 1,113,789	$ 65,324
39	Res General	$ 646	$ 1,373	$ 2,668	$ 1,748	$ 1,183	$ 510	$ 118	$ 15	$ 10	$ 0	$ 60	$ 273	$ 8,604	$ 8,127	$ 477
40	G50 Low Annual-Low Winter	$ 2,457	$ 5,218	$ 10,141	$ 6,644	$ 4,496	$ 1,939	$ 447	$ 58	$ 40	$ 0	$ 229	$ 1,038	$ 32,707	$ 30,895	$ 1,812
41	G40 Low Annual-High Winter	$ 51,167	$ 108,682	$ 211,232	$ 138,389	$ 93,652	$ 40,390	$ 9,307	$ 1,218	$ 824	$ 2	$ 4,768	$ 21,622	$ 681,255	$ 643,513	$ 37,742
42	G51 Med Annual-Low Winter	$ 6,812	$ 14,469	$ 28,122	$ 18,424	$ 12,468	$ 5,377	$ 1,239	$ 162	$ 110	$ 0	$ 635	$ 2,879	$ 90,696	$ 85,672	$ 5,025
43	G41 Med Annual-High Winter	$ 41,925	$ 89,052	$ 173,079	$ 113,393	$ 76,737	$ 33,094	$ 7,626	$ 998	$ 675	$ 2	$ 3,907	$ 17,717	$ 558,204	$ 527,280	$ 30,925
44	G52 High Annual-Low Winter	$ 571	$ 1,213	$ 2,357	$ 1,544	$ 1,045	$ 451	$ 104	$ 14	$ 9	$ 0	$ 53	$ 241	$ 7,602	$ 7,181	$ 421
45	G42 High Annual-High Winter	$ 5,551	$ 11,790	$ 22,914	$ 15,012	$ 10,159	$ 4,381	$ 1,010	$ 132	$ 89	$ 0	$ 517	$ 2,346	$ 73,901	$ 69,807	$ 4,094
46	Non-Grandfathered T50 Low Annual-Low Winter	$ 735	$ 1,561	$ 3,033	$ 1,987	$ 1,345	$ 580	$ 134	$ 17	$ 12	$ 0	$ 68	$ 310	$ 9,783	$ 9,241	$ 542
47	Non-Grandfathered T40 Low Annual-High Winter	$ 3,076	$ 6,534	$ 12,699	$ 8,320	$ 5,630	$ 2,428	$ 560	$ 73	$ 50	$ 0	$ 287	$ 1,300	$ 40,958	$ 38,689	$ 2,269
48	Non-Grandfathered T51 Med Annual-Low Winter	$ 2,231	$ 4,738	$ 9,209	$ 6,034	$ 4,083	$ 1,761	$ 406	$ 53	$ 36	$ 0	$ 208	$ 943	$ 29,702	$ 28,056	$ 1,645
49	Non-Grandfathered T41 Med Annual-High Winter	$ 15,611	$ 33,159	$ 64,448	$ 42,223	$ 28,574	$ 12,323	$ 2,840	$ 372	$ 251	$ 1	$ 1,455	$ 6,597	$ 207,853	$ 196,338	$ 11,515
50	Non-Grandfathered T52 High Annual-Low Winter	$ 744	$ 1,579	$ 3,070	$ 2,011	$ 1,361	$ 587	$ 135	$ 18	$ 12	$ 0	$ 69	$ 314	$ 9,901	$ 9,352	$ 548
51	Non-Grandfathered T42 High Annual-High Winter	$ 5,905	$ 12,542	$ 24,376	$ 15,970	$ 10,807	$ 4,661	$ 1,074	$ 141	$ 95	$ 0	$ 550	$ 2,495	$ 78,615	$ 74,260	$ 4,355
52	Non-Grandfathered Special Contracts	$ 1,531	$ 3,253	$ 6,322	$ 4,142	$ 2,803	$ 1,209	$ 279	$ 36	$ 25	$ 0	$ 143	$ 647	$ 20,390	$ 19,261	$ 1,130
53	TOTAL	$ 227,523	$ 483,270	$ 939,270	$ 615,363	$ 416,438	$ 179,597	$ 41,383	$ 5,416	$ 3,665	$ 10	$ 21,203	$ 96,147	$ 3,029,284	$ 2,861,460	$ 167,824
55	Residential	$ 89,207	$ 189,480	$ 368,267	$ 241,270	$ 163,276	$ 70,416	$ 16,226	$ 2,123	$ 1,437	$ 4	$ 8,313	$ 37,697	$ 1,187,717	$ 1,121,916	$ 65,800
56	SALES HLF CLASSES	$ 9,840	$ 20,900	$ 40,620	$ 26,612	$ 18,009	$ 7,767	$ 1,790	$ 234	$ 158	$ 0	$ 917	$ 4,158	$ 131,006	$ 123,748	$ 7,258
57	SALES LLF CLASSES	$ 98,643	$ 209,524	$ 407,225	$ 266,793	$ 180,548	$ 77,865	$ 17,942	$ 2,348	$ 1,589	$ 4	$ 9,193	$ 41,685	$ 1,313,360	$ 1,240,599	$ 72,761
58	Non-Grandfathered HLF CLASSES	$ 5,241	$ 11,131	$ 21,635	$ 14,174	$ 9,592	$ 4,137	$ 953	$ 125	$ 84	$ 0	$ 488	$ 2,215	$ 69,776	$ 65,910	$ 3,866
59	Non-Grandfathered LLF CLASSES	$ 24,592	$ 52,235	$ 101,523	$ 66,513	$ 45,012	$ 19,412	$ 4,473	$ 585	$ 396	$ 1	$ 2,292	$ 10,392	$ 327,426	$ 309,287	$ 18,140

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

1 **PEAKING AND STORAGE DEMAND**
2

3		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
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	$ 307,845	$ 653,878	$ 1,270,859	$ 832,604	$ 563,452	$ 243,000	$ 55,993	$ 7,328	$ 4,959	$ 14	$ 28,688	$ 130,090	$ 4,098,709	$ 3,871,638	$ 227,071
8	Res General	$ 2,246	$ 4,771	$ 9,274	$ 6,076	$ 4,112	$ 1,773	$ 409	$ 53	$ 36	$ 0	$ 209	$ 949	$ 29,909	$ 28,252	$ 1,657
10	G50 Low Annual-Low Winter	$ 8,539	$ 18,138	$ 35,252	$ 23,096	$ 15,630	$ 6,741	$ 1,553	$ 203	$ 138	$ 0	$ 796	$ 3,609	$ 113,694	$ 107,395	$ 6,299
11	G40 Low Annual-High Winter	$ 177,863	$ 377,791	$ 734,263	$ 481,053	$ 325,545	$ 140,398	$ 32,351	$ 4,234	$ 2,865	$ 8	$ 16,575	$ 75,162	$ 2,368,107	$ 2,236,912	$ 131,195
12	G51 Med Annual-Low Winter	$ 23,679	$ 50,296	$ 97,753	$ 64,043	$ 43,340	$ 18,691	$ 4,307	$ 564	$ 381	$ 1	$ 2,207	$ 10,006	$ 315,270	$ 297,803	$ 17,466
13	G41 Med Annual-High Winter	$ 145,737	$ 309,553	$ 601,638	$ 394,164	$ 266,744	$ 115,039	$ 26,508	$ 3,469	$ 2,348	$ 7	$ 13,581	$ 61,586	$ 1,940,373	$ 1,832,875	$ 107,498
14	G52 High Annual-Low Winter	$ 1,985	$ 4,216	$ 8,194	$ 5,368	$ 3,633	$ 1,567	$ 361	$ 47	$ 32	$ 0	$ 185	$ 839	$ 26,426	$ 24,962	$ 1,464
15	G42 High Annual-High Winter	$ 19,294	$ 40,982	$ 79,651	$ 52,183	$ 35,314	$ 15,230	$ 3,509	$ 459	$ 311	$ 1	$ 1,798	$ 8,153	$ 256,886	$ 242,655	$ 14,232
16	Non-Grandfathered T50 Low Annual-Low Winter	$ 2,554	$ 5,425	$ 10,544	$ 6,908	$ 4,675	$ 2,016	$ 465	$ 61	$ 41	$ 0	$ 238	$ 1,079	$ 34,006	$ 32,122	$ 1,884
17	Non-Grandfathered T40 Low Annual-High Winter	$ 10,693	$ 22,713	$ 44,145	$ 28,921	$ 19,572	$ 8,441	$ 1,945	$ 255	$ 172	$ 0	$ 997	$ 4,519	$ 142,373	$ 134,486	$ 7,888
18	Non-Grandfathered T51 Med Annual-Low Winter	$ 7,755	$ 16,471	$ 32,013	$ 20,973	$ 14,193	$ 6,121	$ 1,410	$ 185	$ 125	$ 0	$ 723	$ 3,277	$ 103,246	$ 97,526	$ 5,720
19	Non-Grandfathered T41 Med Annual-High Winter	$ 54,267	$ 115,265	$ 224,026	$ 146,771	$ 99,325	$ 42,836	$ 9,870	$ 1,292	$ 874	$ 2	$ 5,057	$ 22,932	$ 722,518	$ 682,490	$ 40,028
20	Non-Grandfathered T52 High Annual-Low Winter	$ 2,585	$ 5,490	$ 10,671	$ 6,991	$ 4,731	$ 2,040	$ 470	$ 62	$ 42	$ 0	$ 241	$ 1,092	$ 34,415	$ 32,509	$ 1,907
21	Non-Grandfathered T42 High Annual-High Winter	$ 20,525	$ 43,596	$ 84,732	$ 55,512	$ 37,567	$ 16,202	$ 3,733	$ 489	$ 331	$ 1	$ 1,913	$ 8,674	$ 273,275	$ 258,135	$ 15,140
22	Non-Grandfathered Special Contracts	$ 5,324	$ 11,308	$ 21,977	$ 14,398	$ 9,744	$ 4,202	$ 968	$ 127	$ 86	$ 0	$ 496	$ 2,250	$ 70,879	$ 66,953	$ 3,927
23	TOTAL	$ 790,891	$ 1,679,894	$ 3,264,992	$ 2,139,061	$ 1,447,578	$ 624,297	$ 143,853	$ 18,826	$ 12,740	$ 35	$ 73,704	$ 334,216	$ 10,530,086	$ 9,946,712	$ 583,374
24																
25	Residential	$ 310,091	$ 658,650	$ 1,280,132	$ 838,679	$ 567,564	$ 244,773	$ 56,402	$ 7,381	$ 4,995	$ 14	$ 28,898	$ 131,039	$ 4,128,618	$ 3,899,890	$ 228,728
26	SALES HLF CLASSES	$ 34,203	$ 72,650	$ 141,199	$ 92,507	$ 62,603	$ 26,999	$ 6,221	$ 814	$ 551	$ 2	$ 3,187	$ 14,454	$ 455,389	$ 430,160	$ 25,229
27	SALES LLF CLASSES	$ 342,894	$ 728,325	$ 1,415,552	$ 927,400	$ 627,604	$ 270,667	$ 62,368	$ 8,162	$ 5,523	$ 15	$ 31,955	$ 144,901	$ 4,565,366	$ 4,312,441	$ 252,924
28	Non-Grandfathered HLF CLASSES	$ 18,217	$ 38,694	$ 75,205	$ 49,270	$ 33,343	$ 14,380	$ 3,313	$ 434	$ 293	$ 1	$ 1,698	$ 7,698	$ 242,547	$ 229,109	$ 13,437
29	Non-Grandfathered LLF CLASSES	$ 85,485	$ 181,575	$ 352,903	$ 231,205	$ 156,464	$ 67,478	$ 15,549	$ 2,035	$ 1,377	$ 4	$ 7,966	$ 36,124	$ 1,138,166	$ 1,075,111	$ 63,055

30 **REMAINING CAPACITY RELEASE COSTS BY CLASS**
31

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																
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	$ (54,956)	$ (109,966)	$ (208,051)	$ (138,379)	$ (95,591)	$ (44,647)	$ -	$ -	$ -	$ -	$ -	$ -	$ (651,591)	$ (651,591)	$ -
37	Res General	$ (401)	$ (802)	$ (1,518)	$ (1,010)	$ (698)	$ (326)	$ -	$ -	$ -	$ -	$ -	$ -	$ (4,755)	$ (4,755)	$ -
38	G50 Low Annual-Low Winter	$ (1,524)	$ (3,050)	$ (5,771)	$ (3,838)	$ (2,652)	$ (1,238)	$ -	$ -	$ -	$ -	$ -	$ -	$ (18,074)	$ (18,074)	$ -
39	G40 Low Annual-High Winter	$ (31,752)	$ (63,535)	$ (120,205)	$ (79,951)	$ (55,230)	$ (25,796)	$ -	$ -	$ -	$ -	$ -	$ -	$ (376,469)	$ (376,469)	$ -
40	G51 Med Annual-Low Winter	$ (4,227)	$ (8,459)	$ (16,003)	$ (10,644)	$ (7,353)	$ (3,434)	$ -	$ -	$ -	$ -	$ -	$ -	$ (50,120)	$ (50,120)	$ -
41	G41 Med Annual-High Winter	$ (26,017)	$ (52,059)	$ (98,493)	$ (65,510)	$ (45,254)	$ (21,136)	$ -	$ -	$ -	$ -	$ -	$ -	$ (308,470)	$ (308,470)	$ -
42	G52 High Annual-Low Winter	$ (354)	$ (709)	$ (1,341)	$ (892)	$ (616)	$ (288)	$ -	$ -	$ -	$ -	$ -	$ -	$ (4,201)	$ (4,201)	$ -
43	G42 High Annual-High Winter	$ (3,444)	$ (6,892)	$ (13,040)	$ (8,673)	$ (5,991)	$ (2,798)	$ -	$ -	$ -	$ -	$ -	$ -	$ (40,838)	$ (40,838)	$ -
44	Non-Grandfathered T50 Low Annual-Low Winter	$ (456)	$ (912)	$ (1,726)	$ (1,148)	$ (793)	$ (370)	$ -	$ -	$ -	$ -	$ -	$ -	$ (5,406)	$ (5,406)	$ -
45	Non-Grandfathered T40 Low Annual-High Winter	$ (1,909)	$ (3,820)	$ (7,227)	$ (4,807)	$ (3,320)	$ (1,551)	$ -	$ -	$ -	$ -	$ -	$ -	$ (22,634)	$ (22,634)	$ -
46	Non-Grandfathered T51 Med Annual-Low Winter	$ (1,384)	$ (2,770)	$ (5,241)	$ (3,486)	$ (2,408)	$ (1,125)	$ -	$ -	$ -	$ -	$ -	$ -	$ (16,414)	$ (16,414)	$ -
47	Non-Grandfathered T41 Med Annual-High Winter	$ (9,688)	$ (19,385)	$ (36,675)	$ (24,393)	$ (16,851)	$ (7,870)	$ -	$ -	$ -	$ -	$ -	$ -	$ (114,862)	$ (114,862)	$ -
48	Non-Grandfathered T52 High Annual-Low Winter	$ (461)	$ (923)	$ (1,747)	$ (1,162)	$ (803)	$ (375)	$ -	$ -	$ -	$ -	$ -	$ -	$ (5,471)	$ (5,471)	$ -
49	Non-Grandfathered T42 High Annual-High Winter	$ (3,664)	$ (7,332)	$ (13,871)	$ (9,226)	$ (6,373)	$ (2,977)	$ -	$ -	$ -	$ -	$ -	$ -	$ (43,444)	$ (43,444)	$ -
50	Non-Grandfathered Special Contracts	$ (950)	$ (1,902)	$ (3,598)	$ (2,393)	$ (1,653)	$ (772)	$ -	$ -	$ -	$ -	$ -	$ -	$ (11,268)	$ (11,268)	$ -
51	TOTAL	$ (141,188)	$ (282,517)	$ (534,508)	$ (355,513)	$ (245,585)	$ (114,704)	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,674,016)	$ (1,674,016)	$ -
52																
53	Residential	$ (55,357)	$ (110,769)	$ (209,569)	$ (139,389)	$ (96,289)	$ (44,973)	$ -	$ -	$ -	$ -	$ -	$ -	$ (656,345)	$ (656,345)	$ -
54	SALES HLF CLASSES	$ (6,106)	$ (12,218)	$ (23,116)	$ (15,375)	$ (10,621)	$ (4,961)	$ -	$ -	$ -	$ -	$ -	$ -	$ (72,395)	$ (72,395)	$ -
55	SALES LLF CLASSES	$ (61,213)	$ (122,487)	$ (231,738)	$ (154,134)	$ (106,474)	$ (49,731)	$ -	$ -	$ -	$ -	$ -	$ -	$ (725,777)	$ (725,777)	$ -
56	Non-Grandfathered HLF CLASSES	$ (3,252)	$ (6,507)	$ (12,312)	$ (8,189)	$ (5,657)	$ (2,642)	$ -	$ -	$ -	$ -	$ -	$ -	$ (38,559)	$ (38,559)	$ -
57	Non-Grandfathered LLF CLASSES	$ (15,261)	$ (30,536)	$ (57,773)	$ (38,426)	$ (26,545)	$ (12,398)	$ -	$ -	$ -	$ -	$ -	$ -	$ (180,940)	$ (180,940)	$ -

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59
60

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

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

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
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%
Res Heat	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Res General	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G50 Low Annual-Low Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G40 Low Annual-High Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G51 Med Annual-Low Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G41 Med Annual-High Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G52 High Annual-Low Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
G42 High Annual-High Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered T50 Low Annual-Low Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered T40 Low Annual-High Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered T51 Med Annual-Low Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered T41 Med Annual-High Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered T52 High Annual-Low Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered T42 High Annual-High Winter	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered Special Contracts	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Residential	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SALES HLF CLASSES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SALES LLF CLASSES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Non-Grandfathered HLF CLASSES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
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**

26

27		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
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	$ 340,667	$ 730,454	$ 1,425,446	$ 931,777	$ 628,594	$ 267,623	$ 72,101	$ 9,436	$ 6,385	$ 18	$ 36,941	$ 167,514	$ 4,616,956	$ 4,324,561	$ 292,395
32	Res General	$ 2,486	$ 5,330	$ 10,402	$ 6,799	$ 4,587	$ 1,953	$ 526	$ 69	$ 47	$ 0	$ 270	$ 1,222	$ 33,690	$ 31,557	$ 2,134
33	G50 Low Annual-Low Winter	$ 9,450	$ 20,262	$ 39,540	$ 25,846	$ 17,437	$ 7,424	$ 2,000	$ 262	$ 177	$ 0	$ 1,025	$ 4,647	$ 128,069	$ 119,959	$ 8,111
34	G40 Low Annual-High Winter	$ 196,827	$ 422,033	$ 823,578	$ 538,352	$ 363,182	$ 154,624	$ 41,658	$ 5,452	$ 3,689	$ 10	$ 21,344	$ 96,784	$ 2,667,534	$ 2,498,597	$ 168,937
35	G51 Med Annual-Low Winter	$ 26,204	$ 56,186	$ 109,644	$ 71,672	$ 48,351	$ 20,585	$ 5,546	$ 726	$ 491	$ 1	$ 2,841	$ 12,885	$ 355,133	$ 332,642	$ 22,491
36	G41 Med Annual-High Winter	$ 161,275	$ 345,805	$ 674,821	$ 441,113	$ 297,583	$ 126,696	$ 34,133	$ 4,467	$ 3,023	$ 8	$ 17,488	$ 79,303	$ 2,185,716	$ 2,047,293	$ 138,423
37	G52 High Annual-Low Winter	$ 2,196	$ 4,710	$ 9,190	$ 6,008	$ 4,053	$ 1,725	$ 465	$ 61	$ 41	$ 0	$ 238	$ 1,080	$ 29,767	$ 27,882	$ 1,885
38	G42 High Annual-High Winter	$ 21,351	$ 45,781	$ 89,340	$ 58,399	$ 39,397	$ 16,773	$ 4,519	$ 591	$ 400	$ 1	$ 2,315	$ 10,499	$ 289,367	$ 271,042	$ 18,326
39	Non-Grandfathered T50 Low Annual-Low Winter	$ 2,826	$ 6,060	$ 11,826	$ 7,731	$ 5,215	$ 2,220	$ 598	$ 78	$ 53	$ 0	$ 306	$ 1,390	$ 38,305	$ 35,880	$ 2,426
40	Non-Grandfathered T40 Low Annual-High Winter	$ 11,833	$ 25,373	$ 49,514	$ 32,366	$ 21,835	$ 9,296	$ 2,505	$ 328	$ 222	$ 1	$ 1,283	$ 5,819	$ 160,375	$ 150,218	$ 10,157
41	Non-Grandfathered T51 Med Annual-Low Winter	$ 8,581	$ 18,400	$ 35,907	$ 23,471	$ 15,834	$ 6,741	$ 1,816	$ 238	$ 161	$ 0	$ 931	$ 4,220	$ 116,301	$ 108,935	$ 7,365
42	Non-Grandfathered T41 Med Annual-High Winter	$ 60,053	$ 128,764	$ 251,277	$ 164,253	$ 110,808	$ 47,176	$ 12,710	$ 1,663	$ 1,126	$ 3	$ 6,512	$ 29,529	$ 813,875	$ 762,331	$ 51,543
43	Non-Grandfathered T52 High Annual-Low Winter	$ 2,860	$ 6,133	$ 11,969	$ 7,824	$ 5,278	$ 2,247	$ 605	$ 79	$ 54	$ 0	$ 310	$ 1,407	$ 38,767	$ 36,312	$ 2,455
44	Non-Grandfathered T42 High Annual-High Winter	$ 22,713	$ 48,702	$ 95,039	$ 62,125	$ 41,910	$ 17,843	$ 4,807	$ 629	$ 426	$ 1	$ 2,463	$ 11,169	$ 307,828	$ 288,333	$ 19,495
45	Non-Grandfathered Special Contracts	$ 5,891	$ 12,632	$ 24,650	$ 16,113	$ 10,870	$ 4,628	$ 1,247	$ 163	$ 110	$ 0	$ 639	$ 2,897	$ 79,841	$ 74,785	$ 5,056
46	TOTAL	$ 875,215	$ 1,876,625	$ 3,662,145	$ 2,393,850	$ 1,614,934	$ 687,557	$ 185,236	$ 24,242	$ 16,405	$ 46	$ 94,907	$ 430,363	$ 11,861,525	$ 11,110,326	$ 751,198
47																
48	Residential	$ 343,153	$ 735,784	$ 1,435,848	$ 938,577	$ 633,181	$ 269,576	$ 72,627	$ 9,505	$ 6,432	$ 18	$ 37,211	$ 168,736	$ 4,650,646	$ 4,356,118	$ 294,529
49	SALES HLF CLASSES	$ 37,850	$ 81,157	$ 158,375	$ 103,526	$ 69,840	$ 29,734	$ 8,011	$ 1,048	$ 709	$ 2	$ 4,104	$ 18,612	$ 512,969	$ 480,483	$ 32,487
50	SALES LLF CLASSES	$ 379,453	$ 813,619	$ 1,587,739	$ 1,037,864	$ 700,162	$ 298,093	$ 80,310	$ 10,510	$ 7,112	$ 20	$ 41,147	$ 186,586	$ 5,142,617	$ 4,816,932	$ 325,685
51	Non-Grandfathered HLF CLASSES	$ 20,159	$ 43,226	$ 84,353	$ 55,139	$ 37,198	$ 15,837	$ 4,267	$ 558	$ 378	$ 1	$ 2,186	$ 9,913	$ 273,215	$ 255,912	$ 17,303
52	Non-Grandfathered LLF CLASSES	$ 94,599	$ 202,839	$ 395,831	$ 258,744	$ 174,554	$ 74,316	$ 20,022	$ 2,620	$ 1,773	$ 5	$ 10,258	$ 46,517	$ 1,282,078	$ 1,200,883	$ 81,195
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	$ 1,486,502	$ 2,883,493	$ 4,097,215	$ 3,242,623	$ 2,305,133	$ 1,101,980	$ 280,960	$ 27,132	$ 25,570	$ 3,700	$ 140,144	$ 682,374	$ 16,276,827	$ 15,116,946	$ 1,159,881
2	Res General	$ 9,853	$ 18,148	$ 26,316	$ 22,392	$ 14,572	$ 7,405	$ 1,810	$ 605	$ 410	$ 70	$ 1,323	$ 2,167	$ 105,071	$ 98,686	$ 6,385
3	G50 Low Annual-Low Winter	$ 14,042	$ 56,564	$ 84,862	$ 79,840	$ 45,633	$ 24,989	$ 5,766	$ 262	$ 2,388	$ 425	$ 6,191	$ 4,647	$ 325,608	$ 305,930	$ 19,678
4	G40 Low Annual-High Winter	$ 867,192	$ 1,684,236	$ 2,388,505	$ 1,881,514	$ 1,346,406	$ 643,033	$ 168,260	$ 17,169	$ 12,057	$ 1,616	$ 83,252	$ 403,444	$ 9,496,686	$ 8,810,887	$ 685,799
5	G51 Med Annual-Low Winter	$ 94,799	$ 183,441	$ 271,037	$ 228,806	$ 146,517	$ 69,435	$ 10,640	$ 726	$ 10,438	$ 1,911	$ 5,745	$ 37,049	$ 1,060,544	$ 994,036	$ 66,509
6	G41 Med Annual-High Winter	$ 703,101	$ 1,369,678	$ 1,946,786	$ 1,536,758	$ 1,094,487	$ 520,225	$ 130,947	$ 8,855	$ 14,001	$ 2,116	$ 62,909	$ 322,753	$ 7,712,616	$ 7,171,035	$ 541,581
7	G52 High Annual-Low Winter	$ 2,196	$ 7,000	$ 9,190	$ 6,008	$ 4,053	$ 1,725	$ 465	$ 61	$ 662	$ 119	$ 2,066	$ 1,080	$ 34,625	$ 30,173	$ 4,452
8	G42 High Annual-High Winter	$ 93,533	$ 181,215	$ 257,277	$ 203,447	$ 144,889	$ 69,390	$ 18,109	$ 591	$ 3,187	$ 536	$ 9,162	$ 43,421	$ 1,024,758	$ 949,751	$ 75,008
9	Non-Grandfathered T50 Low Annual-Low Winter	$ 14,648	$ 27,879	$ 38,903	$ 31,810	$ 22,212	$ 10,867	$ 2,794	$ 302	$ 255	$ 39	$ 1,562	$ 6,714	$ 157,986	$ 146,320	$ 11,666
10	Non-Grandfathered T40 Low Annual-High Winter	$ 61,607	$ 119,097	$ 165,846	$ 132,710	$ 94,815	$ 45,514	$ 11,633	$ 1,031	$ 582	$ 70	$ 5,731	$ 28,347	$ 666,983	$ 619,589	$ 47,394
11	Non-Grandfathered T51 Med Annual-Low Winter	$ 43,897	$ 80,771	$ 113,392	$ 98,090	$ 64,375	$ 32,755	$ 8,139	$ 2,577	$ 304	$ 28	$ 5,805	$ 19,534	$ 469,667	$ 433,280	$ 36,387
12	Non-Grandfathered T41 Med Annual-High Winter	$ 313,787	$ 604,986	$ 841,789	$ 674,085	$ 481,756	$ 232,150	$ 60,503	$ 6,738	$ 2,514	$ 270	$ 30,546	$ 145,301	$ 3,394,423	$ 3,148,552	$ 245,871
13	Non-Grandfathered T52 High Annual-Low Winter	$ 14,581	$ 26,532	$ 37,333	$ 32,879	$ 21,158	$ 10,911	$ 2,676	$ 115	$ 248	$ 38	$ 2,045	$ 6,431	$ 154,948	$ 143,394	$ 11,554
14	Non-Grandfathered T42 High Annual-High Winter	$ 117,691	$ 228,638	$ 318,726	$ 254,606	$ 181,917	$ 86,734	$ 21,443	$ 979	$ 2,317	$ 364	$ 10,037	$ 53,599	$ 1,277,052	$ 1,188,313	$ 88,739
15	Non-Grandfathered Special Contracts	$ 21,164	$ 53,835	$ 51,222	$ 106,702	$ 17,458	$ 61,036	$ 37,189	$ 41,406	$ 5,846	$ 1,101	$ 25,105	$ 17,175	$ 439,239	$ 311,417	$ 127,822
16	TOTAL	$ 3,858,593	$ 7,525,513	$ 10,648,399	$ 8,532,270	$ 5,985,382	$ 2,918,151	$ 761,336	$ 108,549	$ 80,778	$ 12,402	$ 391,624	$ 1,774,037	$ 42,597,033	$ 39,468,308	$ 3,128,725
17																
18	Residential	$ 1,496,355	$ 2,901,641	$ 4,123,531	$ 3,265,015	$ 2,319,705	$ 1,109,385	$ 282,770	$ 27,737	$ 25,980	$ 3,770	$ 141,467	$ 684,541	$ 16,381,898	$ 15,215,632	$ 1,166,266
19	SALES HLF CLASSES	$ 111,038	$ 247,005	$ 365,089	$ 314,654	$ 196,203	$ 96,149	$ 16,871	$ 1,048	$ 13,487	$ 2,455	$ 14,002	$ 42,776	$ 1,420,777	$ 1,330,138	$ 90,639
20	SALES LLF CLASSES	$ 1,663,826	$ 3,235,129	$ 4,592,568	$ 3,621,719	$ 2,585,782	$ 1,232,648	$ 317,317	$ 26,615	$ 29,246	$ 4,268	$ 155,323	$ 769,618	$ 18,234,060	$ 16,931,672	$ 1,302,388
21	Non-Grandfathered HLF CLASSES	$ 94,290	$ 189,017	$ 240,850	$ 269,482	$ 125,203	$ 115,570	$ 50,798	$ 44,401	$ 6,653	$ 1,206	$ 34,517	$ 49,854	$ 1,221,840	$ 1,034,412	$ 187,428
22	Non-Grandfathered LLF CLASSES	$ 493,084	$ 952,721	$ 1,326,361	$ 1,061,401	$ 758,489	$ 364,399	$ 93,579	$ 8,747	$ 5,412	$ 703	$ 46,314	$ 227,247	$ 5,338,458	$ 4,956,454	$ 382,004

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26 **TOTAL REMAINING COMMODITY COSTS INCLUDING INTERRUPTIBLE** (From Commodity tab) (Allocate to classes based on Remaining Sendout)
27

28		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
29																
30	TOTAL REMAINING	$ 2,985,567	$ 5,648,888	$ 6,986,254	$ 6,138,420	$ 4,370,448	$ 2,243,908	$ 576,100	$ 84,307	$ 64,373	$ 12,356	$ 296,717	$ 1,343,673	$ 30,751,012	$ 28,373,485	$ 2,377,526
31																
32	Res Heat	$ 1,146,676	$ 2,153,039	$ 2,671,769	$ 2,310,846	$ 1,676,539	$ 839,337	$ 208,859	$ 17,696	$ 19,185	$ 3,683	$ 103,203	$ 514,860	$ 11,665,691	$ 10,798,206	$ 867,486
33	Res General	$ 7,373	$ 12,818	$ 15,914	$ 15,592	$ 9,985	$ 5,485	$ 1,284	$ 537	$ 364	$ 70	$ 1,053	$ 945	$ 71,419	$ 67,168	$ 4,252
34	G50 Low Annual-Low Winter	$ 4,596	$ 36,302	$ 45,322	$ 53,993	$ 28,197	$ 17,670	$ 3,766	$ -	$ 2,210	$ 424	$ 5,167	$ -	$ 197,647	$ 186,080	$ 11,568
35	G40 Low Annual-High Winter	$ 670,857	$ 1,262,203	$ 1,564,927	$ 1,343,162	$ 983,224	$ 491,323	$ 126,603	$ 11,717	$ 8,368	$ 1,606	$ 61,909	$ 306,660	$ 6,832,559	$ 6,315,697	$ 516,863
36	G51 Med Annual-Low Winter	$ 68,646	$ 127,255	$ 161,393	$ 157,134	$ 98,166	$ 49,141	$ 5,094	$ -	$ 9,947	$ 1,909	$ 2,903	$ 24,164	$ 705,754	$ 661,736	$ 44,018
37	G41 Med Annual-High Winter	$ 542,224	$ 1,023,873	$ 1,271,964	$ 1,095,645	$ 796,904	$ 395,878	$ 96,814	$ 4,388	$ 10,979	$ 2,107	$ 45,420	$ 243,450	$ 5,529,646	$ 5,126,488	$ 403,158
38	G52 High Annual-Low Winter	$ -	$ 2,290	$ -	$ -	$ -	$ -	$ -	$ -	$ 621	$ 119	$ 1,827	$ -	$ 4,857	$ 2,290	$ 2,567
39	G42 High Annual-High Winter	$ 72,234	$ 135,434	$ 167,937	$ 145,048	$ 105,492	$ 52,931	$ 13,590	$ -	$ 2,787	$ 535	$ 6,847	$ 32,923	$ 735,758	$ 679,076	$ 56,682
40	Non-Grandfathered T50 Low Annual-Low Winter	$ 11,831	$ 21,819	$ 27,077	$ 24,079	$ 16,996	$ 8,699	$ 2,196	$ 224	$ 202	$ 39	$ 1,255	$ 5,324	$ 119,741	$ 110,501	$ 9,240
41	Non-Grandfathered T40 Low Annual-High Winter	$ 49,810	$ 93,724	$ 116,332	$ 100,344	$ 72,980	$ 36,434	$ 9,129	$ 703	$ 360	$ 69	$ 4,448	$ 22,528	$ 506,860	$ 469,623	$ 37,237
42	Non-Grandfathered T51 Med Annual-Low Winter	$ 35,341	$ 62,370	$ 77,485	$ 74,619	$ 48,541	$ 26,169	$ 6,323	$ 2,339	$ 143	$ 27	$ 4,874	$ 15,314	$ 353,548	$ 324,526	$ 29,021
43	Non-Grandfathered T41 Med Annual-High Winter	$ 253,920	$ 476,222	$ 590,512	$ 509,832	$ 370,948	$ 186,078	$ 47,793	$ 5,074	$ 1,388	$ 266	$ 24,034	$ 115,772	$ 2,581,839	$ 2,387,511	$ 194,328
44	Non-Grandfathered T52 High Annual-Low Winter	$ 11,729	$ 20,399	$ 25,364	$ 25,055	$ 15,880	$ 8,716	$ 2,071	$ 36	$ 195	$ 37	$ 1,735	$ 5,024	$ 116,241	$ 107,143	$ 9,099
45	Non-Grandfathered T42 High Annual-High Winter	$ 95,047	$ 179,936	$ 223,687	$ 192,481	$ 140,007	$ 69,302	$ 16,636	$ 350	$ 1,891	$ 363	$ 7,574	$ 42,430	$ 969,705	$ 900,461	$ 69,244
46	Non-Grandfathered Special Contracts	$ 15,284	$ 41,203	$ 26,572	$ 90,589	$ 6,588	$ 56,745	$ 35,942	$ 41,243	$ 5,753	$ -	$ 24,466	$ 14,278	$ 358,662	$ 236,980	$ 121,682
47	TOTAL	$ 2,985,567	$ 5,648,888	$ 6,986,254	$ 6,138,420	$ 4,370,448	$ 2,243,908	$ 576,100	$ 84,307	$ 64,373	$ 12,356	$ 296,717	$ 1,343,673	$ 30,751,012	$ 28,373,485	$ 2,377,526
48																
49	Residential	$ 1,154,048	$ 2,165,857	$ 2,687,683	$ 2,326,438	$ 1,686,524	$ 844,822	$ 210,143	$ 18,232	$ 19,548	$ 3,752	$ 104,256	$ 515,805	$ 11,737,111	$ 10,865,373	$ 871,737
50	SALES HLF CLASSES	$ 73,242	$ 165,848	$ 206,714	$ 211,128	$ 126,363	$ 66,811	$ 8,860	$ -	$ 12,778	$ 2,453	$ 9,897	$ 24,164	$ 908,258	$ 850,106	$ 58,153
51	SALES LLF CLASSES	$ 1,285,315	$ 2,421,510	$ 3,004,829	$ 2,583,855	$ 1,885,620	$ 940,133	$ 237,007	$ 16,105	$ 22,133	$ 4,248	$ 114,176	$ 583,032	$ 13,097,963	$ 12,121,261	$ 976,702
52	Non-Grandfathered HLF CLASSES	$ 74,185	$ 145,791	$ 156,497	$ 214,342	$ 88,005	$ 100,329	$ 46,531	$ 43,843	$ 6,292	$ 104	$ 32,331	$ 39,941	$ 948,192	$ 779,150	$ 169,042
53	Non-Grandfathered LLF CLASSES	$ 398,777	$ 749,882	$ 930,530	$ 802,657	$ 583,935	$ 291,814	$ 73,558	$ 6,127	$ 3,639	$ 698	$ 36,056	$ 180,731	$ 4,058,404	$ 3,757,596	$ 300,809

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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	$ -	$ -	$ -	$ -	$ 216	$ -	$ -	$ -	$ -	$ -	$ -	$ 253	$ 253	$ -
13	Non-Grandfathered T51 Med Annual-Low Winter	$ 26	$ -	$ -	$ -	$ -	$ 155	$ -	$ -	$ -	$ -	$ -	$ -	$ 181	$ 181	$ -
14	Non-Grandfathered T41 Med Annual-High Winter	$ 186	$ -	$ -	$ -	$ -	$ 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
<u>Cost Summary</u>

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	$ 222,798	$ 249,383	$ 261,617	$ 239,294	$ 271,477	$ 252,118	$ 236,666	$ 209,309	$ 220,993	$ 200,321	$ 226,046	$ 265,401	$ 2,855,424	$ 1,496,687	$ 1,358,737
3	Res General	$ 12,544	$ 14,041	$ 14,730	$ 13,473	$ 15,285	$ 14,195	$ 13,325	$ 11,785	$ 12,443	$ 11,865	$ 12,727	$ 14,943	$ 161,355	$ 84,268	$ 77,088
5	G50 Low Annual-Low Winter	$ 95,208	$ 106,569	$ 111,796	$ 102,257	$ 116,010	$ 107,737	$ 101,135	$ 87,208	$ 94,437	$ 90,504	$ 96,596	$ 96,887	$ 1,206,344	$ 639,578	$ 566,766
6	G40 Low Annual-High Winter	$ 62,547	$ 70,011	$ 73,445	$ 67,178	$ 76,213	$ 70,778	$ 66,441	$ 58,761	$ 62,041	$ 53,797	$ 63,459	$ 74,508	$ 799,178	$ 420,173	$ 379,005
7	G51 Med Annual-Low Winter	$ 132,307	$ 148,095	$ 155,360	$ 142,104	$ 161,216	$ 149,719	$ 140,543	$ 121,902	$ 131,235	$ 120,144	$ 134,237	$ 157,607	$ 1,694,468	$ 888,800	$ 805,668
8	G41 Med Annual-High Winter	$ 83,274	$ 93,211	$ 97,784	$ 89,440	$ 101,469	$ 94,233	$ 88,458	$ 78,233	$ 82,600	$ 71,757	$ 84,489	$ 99,198	$ 1,064,146	$ 559,412	$ 504,734
9	G52 High Annual-Low Winter	$ 52,631	$ 61,809	$ 55,724	$ 46,655	$ 45,828	$ 24,922	$ 46,024	$ 47,170	$ 54,772	$ 53,033	$ 56,025	$ 65,583	$ 610,175	$ 287,568	$ 322,607
10	G42 High Annual-High Winter	$ 12,358	$ 13,833	$ 14,511	$ 13,273	$ 15,058	$ 13,985	$ 13,127	$ 8,895	$ 12,258	$ 9,701	$ 12,538	$ 14,721	$ 154,260	$ 83,019	$ 71,241
11	Non-Grandfathered T50 Low Annual-Low Winter	$ 6,308	$ 7,060	$ 7,407	$ 6,775	$ 7,686	$ 7,138	$ 6,700	$ 5,926	$ 6,257	$ 5,951	$ 6,400	$ 7,514	$ 81,121	$ 42,373	$ 38,747
12	Non-Grandfathered T40 Low Annual-High Winter	$ 8,164	$ 9,139	$ 9,587	$ 8,769	$ 9,948	$ 9,239	$ 8,673	$ 7,670	$ 8,098	$ 7,622	$ 8,283	$ 9,726	$ 104,918	$ 54,846	$ 50,072
13	Non-Grandfathered T51 Med Annual-Low Winter	$ 53,286	$ 59,644	$ 62,570	$ 57,231	$ 64,928	$ 60,298	$ 56,603	$ 50,060	$ 52,854	$ 51,548	$ 54,063	$ 63,475	$ 686,558	$ 357,956	$ 328,602
14	Non-Grandfathered T41 Med Annual-High Winter	$ 42,167	$ 47,199	$ 49,514	$ 45,289	$ 51,380	$ 47,716	$ 44,792	$ 39,614	$ 41,826	$ 39,749	$ 42,782	$ 50,230	$ 542,261	$ 283,267	$ 258,994
15	Non-Grandfathered T52 High Annual-Low Winter	$ 21,310	$ 23,853	$ 25,023	$ 22,888	$ 25,966	$ 24,114	$ 22,636	$ 20,020	$ 20,974	$ 20,662	$ 21,621	$ 25,385	$ 274,451	$ 143,153	$ 131,298
16	Non-Grandfathered T42 High Annual-High Winter	$ 13,939	$ 15,602	$ 16,368	$ 14,971	$ 16,985	$ 15,773	$ 14,807	$ 13,095	$ 13,826	$ 11,967	$ 14,142	$ 16,604	$ 178,080	$ 93,638	$ 84,442
17	Non-Grandfathered Special Contracts	$ 214,773	$ 240,401	$ 252,193	$ 230,675	$ 261,699	$ 243,037	$ 228,142	$ 201,770	$ 213,033	$ 203,549	$ 217,904	$ 255,842	$ 2,763,018	$ 1,442,778	$ 1,320,240
18	TOTAL	$ 1,033,614	$ 1,159,850	$ 1,207,628	$ 1,100,273	$ 1,241,150	$ 1,135,002	$ 1,088,072	$ 961,417	$ 1,027,645	$ 952,171	$ 1,051,312	$ 1,217,623	$ 13,175,757	$ 6,877,517	$ 6,298,241
19																
20	Residential	$ 235,342	$ 263,424	$ 276,346	$ 252,767	$ 286,762	$ 266,313	$ 249,991	$ 221,094	$ 233,435	$ 212,187	$ 238,773	$ 280,344	$ 3,016,779	$ 1,580,955	$ 1,435,825
21	SALES HLF CLASSES	$ 280,146	$ 316,473	$ 322,880	$ 291,016	$ 323,054	$ 282,378	$ 287,701	$ 256,279	$ 280,444	$ 263,681	$ 286,858	$ 320,077	$ 3,510,987	$ 1,815,947	$ 1,695,041
22	SALES LLF CLASSES	$ 158,180	$ 177,055	$ 185,740	$ 169,892	$ 192,741	$ 178,996	$ 168,026	$ 145,888	$ 156,898	$ 135,255	$ 160,486	$ 188,427	$ 2,017,585	$ 1,062,604	$ 954,981
23	Non-Grandfathered HLF CLASSES	$ 295,676	$ 330,958	$ 347,193	$ 317,568	$ 360,279	$ 334,587	$ 314,081	$ 277,776	$ 293,117	$ 281,710	$ 299,987	$ 352,215	$ 3,805,148	$ 1,986,261	$ 1,818,887
24	Non-Grandfathered LLF CLASSES	$ 64,271	$ 71,940	$ 75,469	$ 69,029	$ 78,313	$ 72,729	$ 68,271	$ 60,380	$ 63,750	$ 59,338	$ 65,208	$ 76,560	$ 825,258	$ 431,751	$ 393,508
25																
26																
27																
28	**REMAINING COMMODITY**															
29	Res Heat	$ 1,145,835	$ 2,153,039	$ 2,671,769	$ 2,310,846	$ 1,676,539	$ 834,357	$ 208,859	$ 17,696	$ 19,185	$ 3,683	$ 103,203	$ 514,860	$ 11,659,871	$ 10,792,385	$ 867,486
30	Res General	$ 7,367	$ 12,818	$ 15,914	$ 15,592	$ 9,985	$ 5,453	$ 1,284	$ 537	$ 364	$ 70	$ 1,053	$ 945	$ 71,381	$ 67,130	$ 4,252
31	G50 Low Annual-Low Winter	$ 4,592	$ 36,302	$ 45,322	$ 53,993	$ 28,197	$ 17,565	$ 3,766	$ -	$ 2,210	$ 424	$ 5,167	$ -	$ 197,539	$ 185,971	$ 11,568
32	G40 Low Annual-High Winter	$ 670,365	$ 1,262,203	$ 1,564,927	$ 1,343,162	$ 983,224	$ 488,408	$ 126,603	$ 11,717	$ 8,368	$ 1,606	$ 61,909	$ 306,660	$ 6,829,152	$ 6,312,290	$ 516,863
33	G51 Med Annual-Low Winter	$ 68,595	$ 127,255	$ 161,393	$ 157,134	$ 98,166	$ 48,850	$ 5,094	$ -	$ 9,947	$ 1,909	$ 2,903	$ 24,164	$ 705,412	$ 661,394	$ 44,018
34	G41 Med Annual-High Winter	$ 541,826	$ 1,023,873	$ 1,271,964	$ 1,095,645	$ 796,904	$ 393,529	$ 96,814	$ 4,388	$ 10,979	$ 2,107	$ 45,420	$ 243,450	$ 5,526,900	$ 5,123,742	$ 403,158
35	G52 High Annual-Low Winter	$ -	$ 2,290	$ -	$ -	$ -	$ -	$ -	$ -	$ 621	$ 119	$ 1,827	$ -	$ 4,857	$ 2,290	$ 2,567
36	G42 High Annual-High Winter	$ 72,181	$ 135,434	$ 167,937	$ 145,048	$ 105,492	$ 52,617	$ 13,590	$ -	$ 2,787	$ 535	$ 6,847	$ 32,923	$ 735,391	$ 678,709	$ 56,682
37	Non-Grandfathered T50 Low Annual-Low Winter	$ 11,822	$ 21,819	$ 27,077	$ 24,079	$ 16,996	$ 8,647	$ 2,196	$ 224	$ 202	$ 39	$ 1,255	$ 5,324	$ 119,680	$ 110,440	$ 9,240
38	Non-Grandfathered T40 Low Annual-High Winter	$ 49,773	$ 93,724	$ 116,332	$ 100,344	$ 72,980	$ 36,218	$ 9,129	$ 703	$ 360	$ 69	$ 4,448	$ 22,528	$ 506,607	$ 469,371	$ 37,237
39	Non-Grandfathered T51 Med Annual-Low Winter	$ 35,315	$ 62,370	$ 77,485	$ 74,619	$ 48,541	$ 26,014	$ 6,323	$ 2,339	$ 143	$ 27	$ 4,874	$ 15,314	$ 353,366	$ 324,345	$ 29,021
40	Non-Grandfathered T41 Med Annual-High Winter	$ 253,734	$ 476,222	$ 590,512	$ 509,832	$ 370,948	$ 184,974	$ 47,793	$ 5,074	$ 1,388	$ 266	$ 24,034	$ 115,772	$ 2,580,549	$ 2,386,221	$ 194,328
41	Non-Grandfathered T52 High Annual-Low Winter	$ 11,720	$ 20,399	$ 25,364	$ 25,055	$ 15,880	$ 8,664	$ 2,071	$ 36	$ 195	$ 37	$ 1,735	$ 5,024	$ 116,181	$ 107,082	$ 9,099
42	Non-Grandfathered T42 High Annual-High Winter	$ 94,978	$ 179,936	$ 223,687	$ 192,481	$ 140,007	$ 68,891	$ 16,636	$ 350	$ 1,891	$ 363	$ 7,574	$ 42,430	$ 969,225	$ 899,980	$ 69,244
43	Non-Grandfathered Special Contracts	$ 15,273	$ 41,203	$ 26,572	$ 90,589	$ 6,588	$ 56,408	$ 35,942	$ 41,243	$ 5,735	$ 1,101	$ 24,466	$ 14,278	$ 359,398	$ 236,632	$ 122,765
44	TOTAL	$ 2,983,378	$ 5,648,888	$ 6,986,254	$ 6,138,420	$ 4,370,448	$ 2,230,594	$ 576,100	$ 84,307	$ 64,373	$ 12,356	$ 296,717	$ 1,343,673	$ 30,735,509	$ 28,357,982	$ 2,377,526
45																
46	Residential	$ 1,153,202	$ 2,165,857	$ 2,687,683	$ 2,326,438	$ 1,686,524	$ 839,809	$ 210,143	$ 18,232	$ 19,548	$ 3,752	$ 104,256	$ 515,805	$ 11,731,252	$ 10,859,515	$ 871,737
47	SALES HLF CLASSES	$ 73,188	$ 165,848	$ 206,714	$ 211,128	$ 126,363	$ 66,415	$ 8,860	$ -	$ 12,778	$ 2,453	$ 9,897	$ 24,164	$ 907,808	$ 849,655	$ 58,153
48	SALES LLF CLASSES	$ 1,284,373	$ 2,421,510	$ 3,004,829	$ 2,583,855	$ 1,885,620	$ 934,554	$ 237,007	$ 16,105	$ 22,133	$ 4,248	$ 114,176	$ 583,032	$ 13,091,443	$ 12,114,741	$ 976,702
49	Non-Grandfathered HLF CLASSES	$ 74,130	$ 145,791	$ 156,497	$ 214,342	$ 88,005	$ 99,733	$ 46,531	$ 43,843	$ 6,275	$ 1,204	$ 32,331	$ 39,941	$ 948,626	$ 778,500	$ 170,126
50	Non-Grandfathered LLF CLASSES	$ 398,485	$ 749,882	$ 930,530	$ 802,657	$ 583,935	$ 290,083	$ 73,558	$ 6,127	$ 3,639	$ 698	$ 36,056	$ 180,731	$ 4,056,381	$ 3,755,572	$ 300,809
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	**TOTAL COMMODITY**																
2	Res Heat	$ 1,368,632	$ 2,402,423	$ 2,933,386	$ 2,550,140	$ 1,948,016	$ 1,086,474	$ 445,526	$ 227,005	$ 240,177	$ 204,004	$ 329,250	$ 780,261	$ 14,515,294	$ 12,289,072		$ 2,226,223
3	Res General	$ 19,911	$ 26,859	$ 30,644	$ 29,065	$ 25,270	$ 19,648	$ 14,609	$ 12,321	$ 12,806	$ 11,935	$ 13,780	$ 15,888	$ 232,737	$ 151,398		$ 81,339
4	G50 Low Annual-Low Winter	$ 99,800	$ 142,871	$ 157,118	$ 156,251	$ 144,207	$ 125,302	$ 104,901	$ 87,208	$ 96,647	$ 90,929	$ 101,763	$ 96,887	$ 1,403,883	$ 825,549		$ 578,334
5	G40 Low Annual-High Winter	$ 732,913	$ 1,332,214	$ 1,638,372	$ 1,410,340	$ 1,059,437	$ 559,187	$ 193,044	$ 70,478	$ 70,408	$ 55,403	$ 125,368	$ 381,167	$ 7,628,331	$ 6,732,463		$ 895,868
6	G51 Med Annual-Low Winter	$ 200,903	$ 275,351	$ 316,752	$ 299,238	$ 259,382	$ 198,569	$ 145,637	$ 121,902	$ 141,182	$ 122,053	$ 137,140	$ 181,771	$ 2,399,880	$ 1,550,194		$ 849,686
7	G41 Med Annual-High Winter	$ 625,100	$ 1,117,085	$ 1,369,748	$ 1,185,085	$ 898,373	$ 487,763	$ 185,272	$ 82,621	$ 93,578	$ 73,864	$ 129,909	$ 342,648	$ 6,591,046	$ 5,683,154		$ 907,892
8	G52 High Annual-Low Winter	$ 52,631	$ 64,099	$ 55,724	$ 46,655	$ 45,828	$ 24,922	$ 46,024	$ 47,170	$ 55,393	$ 53,152	$ 57,852	$ 65,583	$ 615,032	$ 289,859		$ 325,174
9	G42 High Annual-High Winter	$ 84,540	$ 149,267	$ 182,448	$ 158,321	$ 120,551	$ 66,601	$ 26,718	$ 8,895	$ 15,045	$ 10,236	$ 19,385	$ 47,644	$ 889,651	$ 761,728		$ 127,923
10	Non-Grandfathered T50 Low Annual-Low Winter	$ 18,130	$ 28,879	$ 34,484	$ 30,854	$ 24,682	$ 15,785	$ 8,896	$ 6,150	$ 6,459	$ 5,989	$ 7,655	$ 12,838	$ 200,801	$ 152,814		$ 47,987
11	Non-Grandfathered T40 Low Annual-High Winter	$ 57,938	$ 102,863	$ 125,919	$ 109,113	$ 82,928	$ 45,457	$ 17,802	$ 8,373	$ 8,458	$ 7,691	$ 12,731	$ 32,254	$ 611,525	$ 524,217		$ 87,309
12	Non-Grandfathered T51 Med Annual-Low Winter	$ 88,601	$ 122,014	$ 140,055	$ 131,850	$ 113,469	$ 86,312	$ 62,925	$ 52,399	$ 52,997	$ 51,576	$ 58,937	$ 78,789	$ 1,039,925	$ 682,301		$ 357,623
13	Non-Grandfathered T41 Med Annual-High Winter	$ 295,901	$ 523,421	$ 640,026	$ 555,121	$ 422,329	$ 232,690	$ 92,585	$ 44,689	$ 43,214	$ 40,016	$ 66,816	$ 166,003	$ 3,122,809	$ 2,669,488		$ 453,322
14	Non-Grandfathered T52 High Annual-Low Winter	$ 33,030	$ 44,251	$ 50,387	$ 47,943	$ 41,846	$ 32,778	$ 24,707	$ 20,056	$ 21,169	$ 20,699	$ 23,356	$ 30,409	$ 390,632	$ 250,236		$ 140,397
15	Non-Grandfathered T42 High Annual-High Winter	$ 108,917	$ 195,539	$ 240,055	$ 207,452	$ 156,991	$ 84,664	$ 31,443	$ 13,445	$ 15,717	$ 12,330	$ 21,717	$ 59,035	$ 1,147,304	$ 993,618		$ 153,686
16	Non-Grandfathered Special Contracts	$ 230,045	$ 281,604	$ 278,765	$ 321,264	$ 268,287	$ 299,445	$ 264,084	$ 243,013	$ 218,768	$ 204,650	$ 242,371	$ 270,120	$ 3,122,416	$ 1,679,410		$ 1,443,005
17	TOTAL	$ 4,016,992	$ 6,808,739	$ 8,193,882	$ 7,238,692	$ 5,611,597	$ 3,365,597	$ 1,664,171	$ 1,045,724	$ 1,092,018	$ 964,528	$ 1,348,029	$ 2,561,297	$ 43,911,266	$ 35,235,499		$ 8,675,767
18																	
19	Residential	$ 1,388,544	$ 2,429,282	$ 2,964,030	$ 2,579,205	$ 1,973,287	$ 1,106,122	$ 460,134	$ 239,327	$ 252,983	$ 215,939	$ 343,030	$ 796,149	$ 14,748,031	$ 12,440,469		$ 2,307,562
20	SALES HLF CLASSES	$ 353,334	$ 482,321	$ 529,594	$ 502,144	$ 449,417	$ 348,793	$ 296,562	$ 256,279	$ 293,222	$ 266,134	$ 296,755	$ 344,241	$ 4,418,795	$ 2,665,602	17%	$ 1,753,193
21	SALES LLF CLASSES	$ 1,442,552	$ 2,598,565	$ 3,190,569	$ 2,753,746	$ 2,078,361	$ 1,113,551	$ 405,034	$ 161,993	$ 179,032	$ 139,503	$ 274,662	$ 771,459	$ 15,109,028	$ 13,177,345	83%	$ 1,931,683
22	Non-Grandfathered HLF CLASSES	$ 369,806	$ 476,749	$ 503,690	$ 531,911	$ 448,284	$ 434,320	$ 360,613	$ 321,618	$ 299,392	$ 282,915	$ 332,319	$ 392,156	$ 4,753,773	$ 2,764,761		$ 1,989,013
23	Non-Grandfathered LLF CLASSES	$ 462,756	$ 821,822	$ 1,005,999	$ 871,686	$ 662,248	$ 362,811	$ 141,829	$ 66,507	$ 67,389	$ 60,037	$ 101,264	$ 257,291	$ 4,881,639	$ 4,187,322		$ 694,317
24																	
25																	
26																	
27	**BASE CAPACITY**																
28	Res Heat	$ 40,221	$ 40,121	$ 40,424	$ 40,582	$ 40,814	$ 41,449	$ 40,587	$ 40,624	$ 40,127	$ 39,257	$ 40,121	$ 40,672	$ 484,999	$ 243,611		$ 241,387
29	Res General	$ 2,265	$ 2,259	$ 2,276	$ 2,285	$ 2,298	$ 2,334	$ 2,285	$ 2,287	$ 2,259	$ 2,325	$ 2,259	$ 2,290	$ 27,422	$ 13,716		$ 13,706
30	G50 Low Annual-Low Winter	$ 17,188	$ 17,145	$ 17,274	$ 17,342	$ 17,441	$ 17,712	$ 17,344	$ 16,926	$ 17,148	$ 17,736	$ 17,145	$ 14,848	$ 205,248	$ 104,102		$ 101,146
31	G40 Low Annual-High Winter	$ 11,292	$ 11,263	$ 11,348	$ 11,393	$ 11,458	$ 11,636	$ 11,394	$ 11,405	$ 11,265	$ 10,542	$ 11,263	$ 11,418	$ 135,678	$ 68,390		$ 67,288
32	G51 Med Annual-Low Winter	$ 23,885	$ 23,826	$ 24,005	$ 24,100	$ 24,237	$ 24,614	$ 24,102	$ 23,659	$ 23,829	$ 23,545	$ 23,826	$ 24,153	$ 287,781	$ 144,667		$ 143,114
33	G41 Med Annual-High Winter	$ 15,033	$ 14,996	$ 15,109	$ 15,168	$ 15,255	$ 15,492	$ 15,170	$ 15,184	$ 14,998	$ 14,062	$ 14,996	$ 15,202	$ 180,666	$ 91,054		$ 89,612
34	G52 High Annual-Low Winter	$ 9,501	$ 9,944	$ 8,610	$ 7,912	$ 6,890	$ 4,097	$ 7,893	$ 9,155	$ 9,945	$ 10,393	$ 9,944	$ 10,050	$ 104,335	$ 46,955		$ 57,380
35	G42 High Annual-High Winter	$ 2,231	$ 2,225	$ 2,242	$ 2,251	$ 2,264	$ 2,299	$ 2,251	$ 1,726	$ 2,226	$ 1,901	$ 2,225	$ 2,256	$ 26,099	$ 13,513		$ 12,586
36	Non-Grandfathered T50 Low Annual-Low Winter	$ 1,139	$ 1,136	$ 1,144	$ 1,149	$ 1,156	$ 1,173	$ 1,149	$ 1,150	$ 1,136	$ 1,166	$ 1,136	$ 1,151	$ 13,786	$ 6,897		$ 6,889
37	Non-Grandfathered T40 Low Annual-High Winter	$ 1,474	$ 1,470	$ 1,481	$ 1,487	$ 1,496	$ 1,519	$ 1,487	$ 1,489	$ 1,470	$ 1,494	$ 1,470	$ 1,490	$ 17,828	$ 8,927		$ 8,901
38	Non-Grandfathered T51 Med Annual-Low Winter	$ 9,620	$ 9,596	$ 9,668	$ 9,706	$ 9,761	$ 9,913	$ 9,707	$ 9,716	$ 9,597	$ 10,102	$ 9,596	$ 9,727	$ 116,708	$ 58,263		$ 58,445
39	Non-Grandfathered T41 Med Annual-High Winter	$ 7,612	$ 7,593	$ 7,651	$ 7,681	$ 7,725	$ 7,845	$ 7,682	$ 7,689	$ 7,595	$ 7,790	$ 7,593	$ 7,698	$ 92,152	$ 46,106		$ 46,045
40	Non-Grandfathered T52 High Annual-Low Winter	$ 3,847	$ 3,837	$ 3,866	$ 3,882	$ 3,904	$ 3,964	$ 3,882	$ 3,886	$ 3,808	$ 4,049	$ 3,837	$ 3,890	$ 46,653	$ 23,301		$ 23,353
41	Non-Grandfathered T42 High Annual-High Winter	$ 2,516	$ 2,510	$ 2,529	$ 2,539	$ 2,553	$ 2,593	$ 2,539	$ 2,542	$ 2,510	$ 2,345	$ 2,510	$ 2,545	$ 30,232	$ 15,241		$ 14,991
42	Non-Grandfathered Special Contracts	$ 38,773	$ 38,676	$ 38,968	$ 39,121	$ 39,344	$ 39,956	$ 39,125	$ 39,161	$ 38,682	$ 39,890	$ 38,676	$ 39,207	$ 469,576	$ 234,837		$ 234,739
43	TOTAL	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 186,597	$ 2,239,163	$ 1,119,581		$ 1,119,581
44																	
45	Residential	$ 42,486	$ 42,380	$ 42,700	$ 42,867	$ 43,112	$ 43,782	$ 42,872	$ 42,911	$ 42,386	$ 41,582	$ 42,380	$ 42,962	$ 512,421	$ 257,327		$ 255,093
46	SALES HLF CLASSES	$ 50,574	$ 50,914	$ 49,890	$ 49,354	$ 48,569	$ 46,424	$ 49,339	$ 49,740	$ 50,922	$ 51,674	$ 50,914	$ 49,051	$ 597,364	$ 295,724		$ 301,640
47	SALES LLF CLASSES	$ 28,556	$ 28,485	$ 28,700	$ 28,812	$ 28,977	$ 29,427	$ 28,815	$ 28,315	$ 28,489	$ 26,506	$ 28,485	$ 28,876	$ 342,443	$ 172,957		$ 169,486
48	Non-Grandfathered HLF CLASSES	$ 53,378	$ 53,245	$ 53,647	$ 53,857	$ 54,165	$ 55,007	$ 53,863	$ 53,912	$ 53,223	$ 55,207	$ 53,245	$ 53,976	$ 646,723	$ 323,298		$ 323,426
49	Non-Grandfathered LLF CLASSES	$ 11,603	$ 11,574	$ 11,661	$ 11,707	$ 11,774	$ 11,957	$ 11,708	$ 11,719	$ 11,576	$ 11,629	$ 11,574	$ 11,733	$ 140,212	$ 70,275		$ 69,937
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	$ 340,667	$ 730,454	$ 1,425,446	$ 931,777	$ 628,594	$ 267,623	$ 72,101	$ 9,436	$ 6,385	$ 18	$ 36,941	$ 167,514	$ 4,616,956	$ 4,324,561		$ 292,395
3	Res General	$ 2,486	$ 5,330	$ 10,402	$ 6,799	$ 4,587	$ 1,953	$ 526	$ 69	$ 47	$ 0	$ 270	$ 1,222	$ 33,690	$ 31,557		$ 2,134
5	G50 Low Annual-Low Winter	$ 9,450	$ 20,262	$ 39,540	$ 25,846	$ 17,437	$ 7,424	$ 2,000	$ 262	$ 177	$ 0	$ 1,025	$ 4,647	$ 128,069	$ 119,959		$ 8,111
6	G40 Low Annual-High Winter	$ 196,827	$ 422,033	$ 823,578	$ 538,352	$ 363,182	$ 154,624	$ 41,658	$ 5,452	$ 3,689	$ 10	$ 21,344	$ 96,784	$ 2,667,534	$ 2,498,597		$ 168,937
7	G51 Med Annual-Low Winter	$ 26,204	$ 56,186	$ 109,644	$ 71,672	$ 48,351	$ 20,585	$ 5,546	$ 726	$ 491	$ 1	$ 2,841	$ 12,885	$ 355,133	$ 332,642		$ 22,491
8	G41 Med Annual-High Winter	$ 161,275	$ 345,805	$ 674,821	$ 441,113	$ 297,583	$ 126,696	$ 34,133	$ 4,467	$ 3,023	$ 8	$ 17,488	$ 79,303	$ 2,185,716	$ 2,047,293		$ 138,423
9	G52 High Annual-Low Winter	$ 2,196	$ 4,710	$ 9,190	$ 6,008	$ 4,053	$ 1,725	$ 465	$ 61	$ 41	$ 0	$ 238	$ 1,080	$ 29,767	$ 27,882		$ 1,885
10	G42 High Annual-High Winter	$ 21,351	$ 45,781	$ 89,340	$ 58,399	$ 39,397	$ 16,773	$ 4,519	$ 591	$ 400	$ 1	$ 2,315	$ 10,499	$ 289,367	$ 271,042		$ 18,326
11	Non-Grandfathered T50 Low Annual-Low Winter	$ 2,826	$ 6,060	$ 11,826	$ 7,731	$ 5,215	$ 2,220	$ 598	$ 78	$ 53	$ 0	$ 306	$ 1,390	$ 38,305	$ 35,880		$ 2,426
12	Non-Grandfathered T40 Low Annual-High Winter	$ 11,833	$ 25,373	$ 49,514	$ 32,366	$ 21,835	$ 9,296	$ 2,505	$ 328	$ 222	$ 1	$ 1,283	$ 5,819	$ 160,375	$ 150,218		$ 10,157
13	Non-Grandfathered T51 Med Annual-Low Winter	$ 8,581	$ 18,400	$ 35,907	$ 23,471	$ 15,834	$ 6,741	$ 1,816	$ 238	$ 161	$ 0	$ 931	$ 4,220	$ 116,301	$ 108,935		$ 7,365
14	Non-Grandfathered T41 Med Annual-High Winter	$ 60,053	$ 128,764	$ 251,277	$ 164,253	$ 110,808	$ 47,176	$ 12,710	$ 1,663	$ 1,126	$ 3	$ 6,512	$ 29,529	$ 813,875	$ 762,331		$ 51,543
15	Non-Grandfathered T52 High Annual-Low Winter	$ 2,860	$ 6,133	$ 11,969	$ 7,824	$ 5,278	$ 2,247	$ 605	$ 79	$ 54	$ 0	$ 310	$ 1,407	$ 38,767	$ 36,312		$ 2,455
16	Non-Grandfathered T42 High Annual-High Winter	$ 22,713	$ 48,702	$ 95,039	$ 62,125	$ 41,910	$ 17,843	$ 4,807	$ 629	$ 426	$ 1	$ 2,463	$ 11,169	$ 307,828	$ 288,333		$ 19,495
17	Non-Grandfathered Special Contracts	$ 5,891	$ 12,632	$ 24,650	$ 16,113	$ 10,870	$ 4,628	$ 1,247	$ 163	$ 110	$ 0	$ 639	$ 2,897	$ 79,841	$ 74,785		$ 5,056
18	TOTAL	$ 875,215	$ 1,876,625	$ 3,662,145	$ 2,393,850	$ 1,614,934	$ 687,557	$ 185,236	$ 24,242	$ 16,405	$ 46	$ 94,907	$ 430,363	$ 11,861,525	$ 11,110,326		$ 751,198
19																	
20	Residential	$ 343,153	$ 735,784	$ 1,435,848	$ 938,577	$ 633,181	$ 269,576	$ 72,627	$ 9,505	$ 6,432	$ 18	$ 37,211	$ 168,736	$ 4,650,646	$ 4,356,118		$ 294,529
21	SALES HLF CLASSES	$ 37,850	$ 81,157	$ 158,375	$ 103,526	$ 69,840	$ 29,734	$ 8,011	$ 1,048	$ 709	$ 2	$ 4,104	$ 18,612	$ 512,969	$ 480,483		$ 32,487
22	SALES LLF CLASSES	$ 379,453	$ 813,619	$ 1,587,739	$ 1,037,864	$ 700,162	$ 298,093	$ 80,310	$ 10,510	$ 7,112	$ 20	$ 41,147	$ 186,586	$ 5,142,617	$ 4,816,932		$ 325,685
23	Non-Grandfathered HLF CLASSES	$ 20,159	$ 43,226	$ 84,353	$ 55,139	$ 37,198	$ 15,837	$ 4,267	$ 558	$ 378	$ 1	$ 2,186	$ 9,913	$ 273,215	$ 255,912		$ 17,303
24	Non-Grandfathered LLF CLASSES	$ 94,599	$ 202,839	$ 395,831	$ 258,744	$ 174,554	$ 74,316	$ 20,022	$ 2,620	$ 1,773	$ 5	$ 10,258	$ 46,517	$ 1,282,078	$ 1,200,883		$ 81,195
25																	
26																	
27	TOTAL CAPACITY																
28	Res Heat	$ 380,888	$ 770,574	$ 1,465,870	$ 972,360	$ 669,408	$ 309,072	$ 112,688	$ 50,060	$ 46,513	$ 39,275	$ 77,062	$ 208,186	$ 5,101,955	$ 4,568,172		$ 533,782
29	Res General	$ 4,750	$ 7,589	$ 12,678	$ 9,084	$ 6,885	$ 4,287	$ 2,811	$ 2,356	$ 2,306	$ 2,325	$ 2,528	$ 3,512	$ 61,112	$ 45,273		$ 15,839
30	G50 Low Annual-Low Winter	$ 26,637	$ 37,407	$ 56,815	$ 43,188	$ 34,878	$ 25,136	$ 19,344	$ 17,187	$ 17,325	$ 17,737	$ 18,170	$ 19,494	$ 333,317	$ 224,061		$ 109,256
31	G40 Low Annual-High Winter	$ 208,118	$ 433,297	$ 834,927	$ 549,745	$ 374,640	$ 166,261	$ 53,052	$ 16,856	$ 14,954	$ 10,553	$ 32,607	$ 108,202	$ 2,803,212	$ 2,566,987		$ 236,224
32	G51 Med Annual-Low Winter	$ 50,089	$ 80,012	$ 133,650	$ 95,771	$ 72,588	$ 45,199	$ 29,648	$ 24,385	$ 24,321	$ 23,546	$ 26,667	$ 37,038	$ 642,914	$ 477,309		$ 165,605
33	G41 Med Annual-High Winter	$ 176,309	$ 360,800	$ 689,930	$ 456,282	$ 312,838	$ 142,188	$ 49,303	$ 19,651	$ 18,021	$ 14,071	$ 32,484	$ 94,505	$ 2,366,382	$ 2,138,347		$ 228,035
34	G52 High Annual-Low Winter	$ 11,698	$ 14,653	$ 17,801	$ 13,920	$ 10,943	$ 5,823	$ 8,358	$ 9,216	$ 9,987	$ 10,393	$ 10,182	$ 11,130	$ 134,102	$ 74,837		$ 59,265
35	G42 High Annual-High Winter	$ 23,582	$ 48,007	$ 91,582	$ 60,650	$ 41,661	$ 19,072	$ 6,770	$ 2,318	$ 2,626	$ 1,902	$ 4,541	$ 12,755	$ 315,466	$ 284,554		$ 30,912
36	Non-Grandfathered T50 Low Annual-Low Winter	$ 3,965	$ 7,196	$ 12,971	$ 8,880	$ 6,371	$ 3,394	$ 1,747	$ 1,228	$ 1,189	$ 1,166	$ 1,442	$ 2,541	$ 52,091	$ 42,776		$ 9,315
37	Non-Grandfathered T40 Low Annual-High Winter	$ 13,307	$ 26,843	$ 50,996	$ 33,853	$ 23,331	$ 10,815	$ 3,992	$ 1,816	$ 1,692	$ 1,494	$ 2,753	$ 7,309	$ 178,203	$ 159,146		$ 19,057
38	Non-Grandfathered T51 Med Annual-Low Winter	$ 18,201	$ 27,996	$ 45,575	$ 33,177	$ 25,596	$ 16,655	$ 11,523	$ 9,954	$ 9,758	$ 10,102	$ 10,526	$ 13,947	$ 233,009	$ 167,199		$ 65,810
39	Non-Grandfathered T41 Med Annual-High Winter	$ 67,665	$ 136,357	$ 258,928	$ 171,934	$ 118,533	$ 55,021	$ 20,391	$ 9,352	$ 8,720	$ 7,793	$ 14,105	$ 37,227	$ 906,027	$ 808,438		$ 97,589
40	Non-Grandfathered T52 High Annual-Low Winter	$ 6,708	$ 9,971	$ 15,835	$ 11,705	$ 9,182	$ 6,212	$ 4,487	$ 3,965	$ 3,862	$ 4,049	$ 4,148	$ 5,297	$ 85,420	$ 59,612		$ 25,808
41	Non-Grandfathered T42 High Annual-High Winter	$ 25,230	$ 51,212	$ 97,568	$ 64,664	$ 44,464	$ 20,437	$ 7,346	$ 3,171	$ 2,936	$ 2,346	$ 4,973	$ 13,713	$ 338,060	$ 303,574		$ 34,486
42	Non-Grandfathered Special Contracts	$ 44,664	$ 51,308	$ 63,618	$ 55,234	$ 50,215	$ 44,584	$ 40,372	$ 39,324	$ 38,792	$ 39,890	$ 39,315	$ 42,104	$ 549,418	$ 309,622		$ 239,796
43	TOTAL	$ 1,061,812	$ 2,063,222	$ 3,848,742	$ 2,580,447	$ 1,801,531	$ 874,154	$ 371,833	$ 210,839	$ 203,002	$ 186,642	$ 281,503	$ 616,960	$ 14,100,687	$ 12,229,908		$ 1,870,780
44																	
45	Residential	$ 385,639	$ 778,164	$ 1,478,547	$ 981,444	$ 676,293	$ 313,358	$ 115,499	$ 52,416	$ 48,819	$ 41,600	$ 79,591	$ 211,698	$ 5,163,067	$ 4,613,445		$ 549,622
46	SALES HLF CLASSES	$ 88,424	$ 132,072	$ 208,265	$ 152,879	$ 118,409	$ 76,158	$ 57,350	$ 50,788	$ 51,632	$ 51,676	$ 55,019	$ 67,662	$ 1,110,334	$ 776,207	13%	$ 334,126
47	SALES LLF CLASSES	$ 408,009	$ 842,104	$ 1,616,439	$ 1,066,677	$ 729,139	$ 327,521	$ 109,125	$ 38,825	$ 35,602	$ 26,526	$ 69,632	$ 215,462	$ 5,485,059	$ 4,989,888	87%	$ 495,171
48	Non-Grandfathered HLF CLASSES	$ 73,537	$ 96,470	$ 137,999	$ 108,996	$ 91,363	$ 70,844	$ 58,129	$ 54,471	$ 53,601	$ 55,208	$ 55,431	$ 63,889	$ 919,938	$ 579,209		$ 340,728
49	Non-Grandfathered LLF CLASSES	$ 106,202	$ 214,413	$ 407,492	$ 270,451	$ 186,327	$ 86,273	$ 31,730	$ 14,339	$ 13,349	$ 11,633	$ 21,832	$ 58,249	$ 1,422,290	$ 1,271,157		$ 151,132
															87.43%		12.57%

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	$ 1,749,521	$ 3,172,997	$ 4,399,256	$ 3,522,500	$ 2,617,425	$ 1,395,546	$ 558,213	$ 277,065	$ 286,690	$ 243,279	$ 406,312	$ 988,447	$ 19,617,249	$ 16,857,244	$ 2,760,005
3	Res General	$ 24,662	$ 34,448	$ 43,322	$ 38,149	$ 32,155	$ 23,934	$ 17,420	$ 14,677	$ 15,112	$ 14,260	$ 16,309	$ 19,400	$ 293,849	$ 196,670	$ 97,178
4	G50 Low Annual-Low Winter	$ 126,438	$ 180,278	$ 213,933	$ 199,439	$ 179,085	$ 150,438	$ 124,245	$ 104,395	$ 113,972	$ 108,665	$ 119,932	$ 116,381	$ 1,737,200	$ 1,049,610	$ 687,590
5	G40 Low Annual-High Winter	$ 941,031	$ 1,765,511	$ 2,473,299	$ 1,960,085	$ 1,434,077	$ 725,447	$ 246,095	$ 87,334	$ 85,363	$ 65,955	$ 157,975	$ 489,370	$ 10,431,542	$ 9,299,450	$ 1,132,092
6	G51 Med Annual-Low Winter	$ 250,992	$ 355,362	$ 450,402	$ 395,009	$ 331,970	$ 243,768	$ 175,286	$ 146,287	$ 165,503	$ 145,599	$ 163,807	$ 218,809	$ 3,042,794	$ 2,027,503	$ 1,015,290
7	G41 Med Annual-High Winter	$ 801,409	$ 1,477,885	$ 2,059,679	$ 1,641,367	$ 1,211,211	$ 629,951	$ 234,576	$ 102,272	$ 111,599	$ 87,935	$ 162,393	$ 437,153	$ 8,957,428	$ 7,821,501	$ 1,135,927
8	G52 High Annual-Low Winter	$ 64,328	$ 78,753	$ 73,524	$ 60,575	$ 56,771	$ 30,744	$ 54,381	$ 56,385	$ 65,379	$ 63,545	$ 68,034	$ 76,714	$ 749,135	$ 364,696	$ 384,439
9	G42 High Annual-High Winter	$ 108,122	$ 197,274	$ 274,030	$ 218,971	$ 162,211	$ 85,674	$ 33,488	$ 11,212	$ 17,671	$ 12,139	$ 23,926	$ 60,399	$ 1,205,117	$ 1,046,282	$ 158,835
10	Non-Grandfathered T50 Low Annual-Low Winter	$ 22,095	$ 36,075	$ 47,455	$ 39,734	$ 31,053	$ 19,179	$ 10,643	$ 7,378	$ 7,648	$ 7,156	$ 9,098	$ 15,379	$ 252,892	$ 195,590	$ 57,302
11	Non-Grandfathered T40 Low Annual-High Winter	$ 71,245	$ 129,706	$ 176,914	$ 142,966	$ 106,259	$ 56,272	$ 21,793	$ 10,189	$ 10,150	$ 9,185	$ 15,485	$ 39,563	$ 789,728	$ 683,362	$ 106,366
12	Non-Grandfathered T51 Med Annual-Low Winter	$ 106,802	$ 150,010	$ 185,630	$ 165,027	$ 139,065	$ 102,966	$ 74,448	$ 62,352	$ 62,755	$ 61,678	$ 69,463	$ 92,736	$ 1,272,934	$ 849,500	$ 423,433
13	Non-Grandfathered T41 Med Annual-High Winter	$ 363,566	$ 659,778	$ 898,953	$ 727,055	$ 540,862	$ 287,711	$ 112,976	$ 54,041	$ 51,934	$ 47,809	$ 80,921	$ 203,230	$ 4,028,836	$ 3,477,926	$ 550,910
14	Non-Grandfathered T52 High Annual-Low Winter	$ 39,738	$ 54,222	$ 66,222	$ 59,648	$ 51,028	$ 38,990	$ 29,195	$ 24,021	$ 25,031	$ 24,749	$ 27,504	$ 35,706	$ 476,052	$ 309,848	$ 166,204
15	Non-Grandfathered T42 High Annual-High Winter	$ 134,146	$ 246,751	$ 337,623	$ 272,116	$ 201,455	$ 105,101	$ 38,789	$ 16,616	$ 18,653	$ 14,677	$ 26,690	$ 72,748	$ 1,485,365	$ 1,297,192	$ 188,173
16	Non-Grandfathered Special Contracts	$ 274,709	$ 332,911	$ 342,383	$ 376,498	$ 318,502	$ 344,029	$ 304,456	$ 282,337	$ 257,560	$ 244,540	$ 281,685	$ 312,223	$ 3,671,833	$ 1,989,032	$ 1,682,801
17	TOTAL	$ 5,078,804	$ 8,871,960	$ 12,042,624	$ 9,819,139	$ 7,413,129	$ 4,239,750	$ 2,036,004	$ 1,256,563	$ 1,295,020	$ 1,151,170	$ 1,629,533	$ 3,178,257	$ 58,011,953	$ 47,465,406	$ 10,546,547
18																
19	Residential	$ 1,774,182	$ 3,207,445	$ 4,442,577	$ 3,560,649	$ 2,649,580	$ 1,419,480	$ 575,633	$ 291,742	$ 301,802	$ 257,539	$ 422,620	$ 1,007,847	$ 19,911,098	$ 17,053,914	$ 2,857,184
20	SALES HLF CLASSES	$ 441,758	$ 614,393	$ 737,859	$ 655,023	$ 567,826	$ 424,951	$ 353,911	$ 307,068	$ 344,854	$ 317,809	$ 351,774	$ 411,904	$ 5,529,129	$ 3,441,809	$ 2,087,320
21	SALES LLF CLASSES	$ 1,850,562	$ 3,440,669	$ 4,807,008	$ 3,820,423	$ 2,807,500	$ 1,441,071	$ 514,159	$ 200,818	$ 214,633	$ 166,029	$ 344,294	$ 986,921	$ 20,594,087	$ 18,167,233	$ 2,426,854
22	Non-Grandfathered HLF CLASSES	$ 443,343	$ 573,219	$ 641,690	$ 640,907	$ 539,647	$ 505,164	$ 418,742	$ 376,089	$ 352,994	$ 338,123	$ 387,749	$ 456,045	$ 5,673,711	$ 3,343,970	$ 2,329,741
23	Non-Grandfathered LLF CLASSES	$ 568,958	$ 1,036,234	$ 1,413,491	$ 1,142,137	$ 848,576	$ 449,084	$ 173,559	$ 80,846	$ 80,737	$ 71,670	$ 123,096	$ 315,541	$ 6,303,928	$ 5,458,480	$ 845,449

Northern Utilities - NEW HAMPSHIRE DIVISION
Forecasted Sales and Transportation (Volumes in DTH)
Winter 2008 - 2009 Period
Effective November 2008

Line No.	Firm Sales	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	156,822	235,237	284,171	250,678	220,024	134,397	63,695	37,041	38,171	32,997	49,356	96,814	1,599,403	1,281,329	318,074
2	Res General	2,726	3,192	3,484	3,284	3,102	2,592	2,176	2,017	2,052	1,955	2,091	2,116	30,787	18,380	12,407
3	Total Residential	**159,548**	**238,429**	**287,655**	**253,962**	**223,126**	**136,989**	**65,871**	**39,058**	**40,223**	**34,952**	**51,447**	**98,930**	**1,630,190**	**1,299,709**	**330,481**
4	G50 Low Annual-Low Winter	15,206	18,573	19,423	18,841	18,308	16,820	15,713	14,348	15,504	14,907	15,463	12,990	196,096	107,171	88,925
5	G40 Low Annual-High Winter	81,270	127,035	155,594	136,046	118,156	68,181	27,029	11,392	11,117	8,862	18,617	46,460	809,759	686,282	123,477
6	G51 Med Annual-Low Winter	27,777	32,931	36,148	33,946	31,931	26,302	21,817	20,056	22,472	19,790	20,869	24,005	318,044	189,035	129,009
7	G41 Med Annual-High Winter	70,743	108,244	131,647	115,629	100,969	60,018	26,330	13,517	14,780	11,819	19,437	42,252	715,385	587,250	128,135
8	G52 High Annual-Low Winter	8,135	9,031	7,579	6,267	6,007	3,404	6,920	7,760	8,903	8,736	8,799	8,794	90,335	40,423	49,912
9	G42 High Annual-High Winter	9,619	14,533	17,599	15,500	13,580	8,214	3,803	1,463	2,349	1,598	2,900	5,889	97,047	79,045	18,002
10	Total Comm	**212,750**	**310,347**	**367,990**	**326,229**	**288,951**	**182,939**	**101,612**	**68,536**	**75,125**	**65,712**	**86,085**	**140,390**	**2,226,666**	**1,689,206**	**537,460**
11	Total Sales	**372,298**	**548,776**	**655,645**	**580,191**	**512,077**	**319,928**	**167,483**	**107,594**	**115,348**	**100,664**	**137,532**	**239,320**	**3,856,856**	**2,988,915**	**867,941**
12	Non-Grandfathered T50 Low Annual-Low Winter	2,238	3,031	3,527	3,187	2,877	2,010	1,303	1,008	1,035	981	1,157	1,640	23,994	16,870	7,124
13	Non-Grandfathered T40 Low Annual-High Winter	6,579	9,995	12,128	10,668	9,332	5,601	2,532	1,365	1,353	1,255	1,905	3,984	66,697	54,303	12,394
14	Non-Grandfathered T51 Med Annual-Low Winter	12,007	14,294	15,720	14,744	13,850	11,354	9,361	8,580	8,529	8,490	8,941	10,332	136,202	81,969	54,233
15	Non-Grandfathered T41 Med Annual-High Winter	33,619	50,896	61,677	54,298	47,544	28,679	13,168	7,265	6,922	6,548	9,992	20,503	341,111	276,713	64,398
16	Non-Grandfathered T52 High Annual-Low Winter	4,546	5,296	5,764	5,444	5,151	4,332	3,683	3,300	3,377	3,430	3,545	4,001	51,869	30,533	21,336
17	Non-Grandfathered T42 High Annual-High Winter	12,299	18,912	23,039	20,214	17,629	10,407	4,465	2,206	2,482	1,972	3,250	7,273	124,148	102,500	21,648
18	Non-Grandfathered Special Contracts	34,827	38,123	36,774	39,549	35,027	39,954	39,140	39,267	35,075	33,529	36,733	36,000	443,998	224,254	219,744
19	Total Non-Grandfathered Capacity	**106,115**	**140,547**	**158,629**	**148,104**	**131,410**	**102,337**	**73,652**	**62,991**	**58,773**	**56,205**	**65,523**	**83,733**	**1,188,019**	**787,142**	**400,877**
20	**Total Firm Sales**	**478,413**	**689,323**	**814,274**	**728,295**	**643,487**	**422,265**	**241,135**	**170,585**	**174,121**	**156,869**	**203,055**	**323,053**	**5,044,875**	**3,776,057**	**1,268,818**
21	Residential Heat & Non Heat	159,548	238,429	287,655	253,962	223,126	136,989	65,871	39,058	40,223	34,952	51,447	98,930	1,630,190	1,299,709	330,481
22	SALES HLF CLASSES	51,118	60,535	63,150	59,054	56,246	46,526	44,450	42,164	46,879	43,433	45,131	45,789	604,475	336,629	267,846
23	SALES LLF CLASSES	161,632	249,812	304,840	267,175	232,705	136,413	57,162	26,372	28,246	22,279	40,954	94,601	1,622,191	1,352,577	269,614
24	Non-Grandfathered HLF CLASSES	18,791	22,621	25,011	23,375	21,878	17,696	14,347	12,888	12,941	12,901	13,643	15,973	212,065	129,372	82,693
25	Non-Grandfathered LLF CLASSES	52,497	79,803	96,844	85,180	74,505	44,687	20,165	10,836	10,757	9,775	15,147	31,760	531,956	433,516	98,440
26	Non-Grandfathered Special Contracts	34,827	38,123	36,774	39,549	35,027	39,954	39,140	39,267	35,075	33,529	36,733	36,000	443,998	224,254	219,744
27	Total Firm Sales	**478,413**	**689,323**	**814,274**	**728,295**	**643,487**	**422,265**	**241,135**	**170,585**	**174,121**	**156,869**	**203,055**	**323,053**	**5,044,875**	**3,776,057**	**1,268,818**
28	**Grandfathered Transportation**															
29	Resid Space Heating (T-3) & (T-4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Resid Non-Space Heating (T-1) & (T-2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	T50 Low Annual-Low Winter	85	116	134	122	110	77	50	38	39	37	44	63	915	644	271
32	T40 Low Annual-High Winter	61	93	113	100	87	52	24	13	13	12	18	37	623	506	117
33	T51 Med Annual-Low Winter	670	797	877	822	772	633	522	479	476	474	499	576	7,597	4,571	3,026
34	T41 Med Annual-High Winter	1,798	2,721	3,298	2,903	2,542	1,533	704	388	370	350	534	1,096	18,237	14,795	3,442
35	T52 High Annual-Low Winter	126,123	146,932	159,918	151,030	142,895	120,171	102,175	91,534	93,706	95,148	98,350	111,010	1,438,992	847,069	591,923
36	T42 High Annual-High Winter	11,113	17,088	20,817	18,265	15,929	9,404	4,035	1,993	2,242	1,782	2,937	6,572	112,177	92,616	19,561
37	Special Contracts	55,173	54,877	53,226	57,451	50,973	60,246	53,560	53,733	58,125	60,771	59,567	50,000	667,702	331,946	335,756
38	Total Grandfathered Transportation	**195,023**	**222,624**	**238,383**	**230,693**	**213,308**	**192,116**	**161,070**	**148,178**	**154,971**	**158,574**	**161,949**	**169,354**	**2,246,243**	**1,292,147**	**954,096**

Allocation Exhibits

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

		Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09
1	**Supply Volumes - DTH**							
2								
3	Total Pipeline	409,157	496,303	505,997	462,576	875,486	705,498	401,111
4	Total Storage	482,206	773,294	942,215	872,422	262,348	60	0
5	Total Peaking	127,474	157,441	200,782	139,391	154,232	1,350	1,395
7	Less Interruptible	619	0	0	0	0	2,540	3,540
6	Subtotal	1,018,218	1,427,038	1,648,994	1,474,389	1,292,066	704,368	398,966
7	Less Company Use	6,226	9,284	10,993	9,238	7,937	5,076	2,813
8	Total Firm	1,011,992	1,417,754	1,638,001	1,465,151	1,284,129	696,752	392,613
9								
10	**Variable Costs**							
11								
12	Total Pipeline	$ 2,621,010	$ 3,443,835	$ 3,683,335	$ 3,409,940	$ 6,613,186	$ 5,114,081	$ 2,641,370
13	Total Storage	$ 4,194,858	$ 8,432,122	$ 10,185,967	$ 9,279,334	$ 2,688,663	$ 8,356	$ -
14	Total Peaking	$ 1,224,186	$ 1,438,165	$ 1,942,313	$ 1,258,828	$ 1,382,742	$ 45,179	$ 24,665
15	Subtotal	$ 8,040,055	$ 13,314,122	$ 15,811,615	$ 13,948,102	$ 10,684,591	$ 5,167,616	$ 2,666,035
16	Less Interruptible Incl Above	$ 4,593	$ -	$ -	$ -	$ -	$ 21,895	$ 30,656
17	Total (Without Interr)	$ 8,035,462	$ 13,314,122	$ 15,811,615	$ 13,948,102	$ 10,684,591	$ 5,145,721	$ 2,635,379
18								
19								
20	**Commodity Allocation Factors**							
21	**DTH**							
22	Maine	532,884	727,857	823,168	735,866	639,532	276,061	154,202
23	New Hampshire	485,332	699,179	825,820	738,521	652,530	428,307	244,765
24	Total	1,018,216	1,427,036	1,648,988	1,474,387	1,292,062	704,368	398,967
25								
26	**Percentage of Total**							
27	Maine	52.34%	51.00%	49.92%	49.91%	49.50%	39.19%	38.65%
28	New Hampshire	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	61.35%
29	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
30								
31								
32	**Commodity Allocation by Jurisdiction**							
33	Maine	$4,205,364	$6,790,843	$7,893,093	$6,961,492	$5,288,553	$2,016,748	$1,018,582
34	New Hampshire	$3,830,098	$6,523,280	$7,918,522	$6,986,609	$5,396,038	$3,128,973	$1,616,797
35	Total	$8,035,462	$13,314,122	$15,811,615	$13,948,102	$10,684,591	$5,145,721	$2,635,379

		Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	TOTAL	WINTER	SUMMER
1	**Supply Volumes - DTH**								
2									
3	Total Pipeline	262,249	272,193	244,288	294,728	516,972	5,446,558	3,455,017	1,991,541
4	Total Storage	0	0	0	0	0	3,332,545	3,332,545	0
5	Total Peaking	1,350	1,395	1,395	1,350	1,395	788,950	780,670	8,280
7	Less Interruptible	3,540	2,540	1,540	790	640	15,749	3,159	12,590
6	Subtotal	260,059	271,048	244,143	295,288	517,727	9,552,304	7,565,073	1,987,231
7	Less Company Use	1,374	1,098	1,115	1,704	3,943	60,801	48,754	12,047
8	Total Firm	255,145	267,410	241,488	292,794	513,144	9,476,373	7,513,779	1,962,594
9									
10	**Variable Costs**								
11									
12	Total Pipeline	$ 1,578,232	$ 1,673,719	$ 1,468,362	$ 1,915,523	$ 3,817,663	$ 37,980,257	$ 24,885,388	$ 13,094,869
13	Total Storage	$ -	$ -	$ -	$ -	$ -	$ 34,789,300	$ 34,789,300	$ -
14	Total Peaking	$ 23,870	$ 24,665	$ 24,665	$ 23,870	$ 142,825	$ 7,555,973	$ 7,291,413	$ 264,560
15	Subtotal	$ 1,602,102	$ 1,698,384	$ 1,493,027	$ 1,939,393	$ 3,960,488	$ 80,325,529	$ 66,966,101	$ 13,359,429
16	Less Interruptible Incl Above	$ 31,789	$ 23,368	$ 14,676	$ 7,521	$ 6,035	$ 140,533	$ 26,488	$ 114,045
17	Total (Without Interr)	$ 1,570,313	$ 1,675,016	$ 1,478,351	$ 1,931,872	$ 3,954,453	$ 80,184,996	$ 66,939,613	$ 13,245,384
18									
19									
20	**Commodity Allocation Factors**								
21	**DTH**								
22	Maine	86,877	94,340	84,856	89,241	189,939	4,434,823	3,735,368	699,455
23	New Hampshire	173,182	176,709	159,288	206,048	327,787	5,117,468	3,829,689	1,287,779
24	Total	260,059	271,049	244,144	295,289	517,726	9,552,291	7,565,057	1,987,234
25									
26	**Percentage of Total**								
27	Maine	33.41%	34.81%	34.76%	30.22%	36.69%	46.43%	49.38%	35.20%
28	New Hampshire	66.59%	65.19%	65.24%	69.78%	63.31%	53.57%	50.62%	64.80%
29	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
30									
31									
32	**Commodity Allocation by Jurisdiction**								
33	Maine	$524,589	$582,998	$513,824	$583,842	$1,450,777	$37,830,705	$33,156,093	$4,674,612
34	New Hampshire	$1,045,724	$1,092,018	$964,528	$1,348,029	$2,503,676	$42,354,292	$33,783,520	$8,570,772
35	Total	$1,570,313	$1,675,016	$1,478,351	$1,931,872	$3,954,453	$80,184,996	$66,939,613	$13,245,384

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
FIXED CAPACITY-RELATED COSTS

Proportional Responsibility (PR) Allocator Used to Allocate Product and Pipeline Demand Costs (including Injections)
(based on Pipeline Design Day Sendout)

	Pipeline Vos	Rank	%WINTER	PR	CumPR	$$
NOV	667,586	3	73.54%	5.397%	11.988%	$1,255,315
DEC	459,133	7	50.58%	0.909%	5.158%	$540,136
JAN	496,662	5	54.71%	0.506%	5.931%	$621,110
FEB	473,716	6	52.18%	0.268%	5.426%	$568,172
MAR	907,802	1	100.00%	21.475%	35.956%	$3,765,178
APR	712,853	2	78.53%	2.493%	14.481%	$1,516,398
MAY	401,350	8	44.21%	1.364%	4.249%	$444,916
JUN	265,942	11	29.30%	0.131%	2.452%	$256,784
JUL	276,019	10	30.41%	0.111%	2.563%	$268,408
AUG	252,872	12	27.86%	2.321%	2.321%	$243,078
SEP	302,279	9	33.30%	0.321%	2.885%	$302,065
OCT	520,599	4	57.35%	0.659%	6.591%	$690,139
TOTAL	5,736,813			35.956%	100.000%	$10,471,699

Proportional Responsibility (PR) Allocator Used to Allocate Storage and Peaking Demand Costs
(based on Storage Withdrawls from Design Day Sendout)

	Storage Withdrawal Vols	Rank	%WINTER	PR	CumPR	$$	Less Injection Fees	TOTAL
NOV	280,891	5	27.15%	5.430%	5.430%	$1,144,919	$0	$1,144,919
DEC	898,865	3	86.89%	18.767%	25.056%	$5,282,805	$0	$5,282,805
JAN	1,034,523	1	100.00%	9.925%	36.575%	$7,711,498	$7,229	$7,718,728
FEB	931,846	2	90.07%	1.594%	26.650%	$5,618,890	$16,891	$5,635,780
MAR	316,407	4	30.58%	0.858%	6.289%	$1,325,878	$5,777	$1,331,655
APR	30	6	0.00%	0.000%	0.000%	$102	$2,879	$2,981
MAY	0	7	0.00%	0.000%	0.000%	$0	$2,461	$2,461
JUN	0	7	0.00%	0.000%	0.000%	$0	$30,536	$30,536
JUL	0	7	0.00%	0.000%	0.000%	$0	$45,178	$45,178
AUG	0	7	0.00%	0.000%	0.000%	$0	$43,982	$43,982
SEP	0	7	0.00%	0.000%	0.000%	$0	$45,826	$45,826
OCT	0	7	0.00%	0.000%	0.000%	$0	$97,538	$97,538
TOTAL	3,462,562			36.575%	100.000%	$21,084,092	$298,297	$21,382,389
		7						

Percentage of Deliveries Injected - Allocator Used to Allocate Storage Injection Fees

	Storage Injection Vols	Pipeline	Percentage of Deliveries Inj.	Injection Fees
NOV	0	667,586	0.00%	$0
DEC	0	459,133	0.00%	$0
JAN	5,849	496,662	1.16%	$7,229
FEB	14,514	473,716	2.97%	$16,891
MAR	1,395	907,802	0.15%	$5,777
APR	1,356	712,853	0.19%	$2,879
MAY	2,232	401,350	0.55%	$2,461
JUN	35,893	265,942	11.89%	$30,536
JUL	55,862	276,019	16.83%	$45,178
AUG	55,862	252,872	18.09%	$43,982
SEP	54,060	302,279	15.17%	$45,826
OCT	85,687	520,599	14.13%	$97,538
TOTAL	312,710	5,736,813	5.17%	$298,297

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
FIXED CAPACITY-RELATED COSTS

Total Fixed Capacity Related Costs

	TOTAL
Pipeline Demand	$10,471,699
Product Demand	$0
Storage Demand	$16,879,742
Peaking Demand	$4,204,350
Subtotal Demand	$31,555,791
Capacity Release	($960,000)
Asset Management	($2,400,000)
Total Demand	$28,195,791

	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
Pipeline & Product Demand	$1,255,315	$540,136	$621,110	$568,172	$3,765,178	$1,516,398	$444,916	$256,784	$268,408	$243,078	$302,065	$690,139	$10,471,699
Storage & Peaking	$1,144,919	$5,282,805	$7,718,728	$5,635,780	$1,331,655	$2,981	$2,461	$30,536	$45,178	$43,982	$45,826	$97,538	$21,382,389
Less: Injection Fees	0	0	(7,229)	(16,891)	(5,777)	(2,879)	(2,461)	(30,536)	(45,178)	(43,982)	(45,826)	(97,538)	($298,297)
Less: Capacity Release	($192,000)	($192,000)	($192,000)	($192,000)	($192,000)	$0	0	0	0	0	0	0	($960,000)
Less: Asset Management Deal	($400,000)	($400,000)	($400,000)	($400,000)	($400,000)	($400,000)	0	0	0	0	0	0	($2,400,000)
Total Demand	**$1,808,234**	**$5,230,941**	**$7,740,608**	**$5,595,062**	**$4,499,056**	**$1,116,500**	**$444,916**	**$256,784**	**$268,408**	**$243,078**	**$302,065**	**$690,139**	**$28,195,791**

Firm Sendout Allocation based on PR Allocater Dispatch

	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
DTH													
Maine	555,860	768,621	869,777	777,372	672,236	441,279	276,674	187,343	195,668	94,680	189,182	324,856	5,353,548
New Hampshire	520,139	747,644	875,485	786,439	702,698	435,561	243,910	175,796	178,469	164,813	209,777	327,410	5,368,141
Total	1,075,999	1,516,265	1,745,262	1,563,811	1,374,934	876,840	520,584	363,139	374,137	259,493	398,959	652,266	10,721,689
Percentage of Total	**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**
Maine	51.66%	50.69%	49.84%	49.71%	48.89%	50.33%	53.15%	51.59%	52.30%	36.49%	47.42%	49.80%	49.91%
New Hampshire	48.34%	49.31%	50.16%	50.29%	51.11%	49.67%	46.85%	48.41%	47.70%	63.51%	52.58%	50.20%	50.09%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Demand Allocation by Jurisdiction													
Maine	$934,132	$2,651,655	$3,857,646	$2,781,311	$2,199,689	$561,890	$236,459	$132,475	$140,373	$88,691	$143,236	$343,719	$14,071,275
New Hampshire	$874,102	$2,579,286	$3,882,962	$2,813,751	$2,299,367	$554,609	$208,457	$124,309	$128,035	$154,387	$158,829	$346,421	$14,124,516
Total	$1,808,234	$5,230,941	$7,740,608	$5,595,062	$4,499,056	$1,116,500	$444,916	$256,784	$268,408	$243,078	$302,065	$690,139	$28,195,791

Detailed Demand Allocation by Jurisdiction

Maine	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	
Pipeline & Product Demand	$ 648,495	$ 273,804	$ 309,539	$ 282,439	$ 1,840,880	$ 763,143	$ 236,459	$ 132,475	$ 140,373	$ 88,691	$ 143,236	$ 343,719	$ 5,203,252	49.69%
Storage & Peaking	$ 591,464	$ 2,677,946	$ 3,846,742	$ 2,801,552	$ 651,076	$ 1,500	$ 1,308	$ 15,753	$ 23,628	$ 16,048	$ 21,730	$ 48,578	$ 10,697,324	50.06%
Injection Fees	$ -	$ -	$ (3,603)	$ (8,396)	$ (2,825)	$ (1,449)	$ (1,308)	$ (15,753)	$ (23,628)	$ (16,048)	$ (21,730)	$ (48,578)	$ (143,317)	
Capacity Release	$ (99,187)	$ (97,328)	$ (95,686)	$ (95,443)	$ (93,873)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (481,518)	0.00%
Asset Management	$ (206,640)	$ (202,767)	$ (199,346)	$ (198,840)	$ (195,569)	$ (201,304)	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,204,466)	0.00%
Total Demand, Maine	$ 934,132	$ 2,651,655	$ 3,857,646	$ 2,781,311	$ 2,199,689	$ 561,890	$ 236,459	$ 132,475	$ 140,373	$ 88,691	$ 143,236	$ 343,719	$ 14,071,275	49.91%
NH														
Pipeline & Product Demand	$ 606,821	$ 266,332	$ 311,571	$ 285,733	$ 1,924,298	$ 753,255	$ 208,457	$ 124,309	$ 128,035	$ 154,387	$ 158,829	$ 346,421	$ 5,268,447	50.31%
Storage & Peaking	$ 553,455	$ 2,604,860	$ 3,871,986	$ 2,834,228	$ 680,579	$ 1,481	$ 1,153	$ 14,782	$ 21,551	$ 27,935	$ 24,096	$ 48,960	$ 10,685,066	49.94%
Injection Fees	$ -	$ -	$ (3,627)	$ (8,494)	$ (2,952)	$ (1,430)	$ (1,153)	$ (14,782)	$ (21,551)	$ (27,935)	$ (24,096)	$ (48,960)	$ (154,980)	
Capacity Release	$ (92,813)	$ (94,672)	$ (96,314)	$ (96,557)	$ (98,127)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (478,482)	0.00%
Asset Management	$ (193,360)	$ (197,233)	$ (200,654)	$ (201,160)	$ (204,431)	$ (198,696)	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,195,534)	0.00%
Total Demand, NH	$ 874,102	$ 2,579,286	$ 3,882,962	$ 2,813,751	$ 2,299,367	$ 554,609	$ 208,457	$ 124,309	$ 128,035	$ 154,387	$ 158,829	$ 346,421	$ 14,124,516	50.09%

Miscellaneous

Supplier Prices
Inventories
Interest on Deferred
Variance Analysis
Typical Bills
Hedging
LDAC Items
PNGTS In-Kind Exhibits
Attachment to Staff 1-22

NYMEX Pricing
October 8, 2008

Closing-Date	Contract-Month	Contract-Name	Contract-Symbol	High	Low	Open	Close
10/8/2008	2008-11	NGX2008	NG0	6.77	6.63	6.67	6.742
10/8/2008	2008-12	NGZ2008	NG1	7.045	6.9	6.9	7.074
10/8/2008	2009-01	NGF2009	NG2	7.19	7.19	7.19	7.382
10/8/2008	2009-02	NGG2009	NG3	7.449	7.449	7.449	7.449
10/8/2008	2009-03	NGH2009	NG4	7.354	7.354	7.354	7.354
10/8/2008	2009-04	NGJ2009	NG5	7.105	7.06	7.06	7.244
10/8/2008	2009-05	NGK2009	NG6	7.311	7.311	7.311	7.311
10/8/2008	2009-06	NGM2009	NG7	7.433	7.433	7.433	7.433
10/8/2008	2009-07	NGN2009	NG8	7.46	7.46	7.46	7.565
10/8/2008	2009-08	NGQ2009	NG9	7.662	7.662	7.662	7.662
10/8/2008	2009-09	NGU2009	NG10	7.694	7.694	7.694	7.694
10/8/2008	2009-10	NGV2009	NG11	7.774	7.774	7.774	7.774

Northern Utilities
Demand Detail

Pipeline	Page Reference	Contract #	MDTQ	Demand Rate	No. Mos.	Monthly Cost	Annual Cost	Maine	New Hampshire
Pipeline/Supply Related Demand Costs								49.91%	50.09%
Algonquin	79	93002F	4,211	$6.1138	12	$ 25,745	$ 308,943	$ 154,180	$ 154,763
Algonquin	77	93201A1C	1,251	$5.9771	12	$ 7,477	$ 89,728	$ 44,779	$ 44,949
Total Algonquin						**$ 33,223**	**$ 398,671**	**$ 198,959**	**$ 199,712**
Granite State	77	93201F	100,000	$1.2639	12	$ 126,390	$ 1,516,680	$ 756,908	$ 759,772
Iroquois	82	R181001	6,569	$6.5971	12	$ 43,336	$ 520,036	$ 259,527	$ 260,509
PNGTS	84		1,100	$27.40	12	$ 30,142	$ 361,702	$ 180,510	$ 181,193
Tennessee Gas	86	5083	8,550	$15.15	12	$ 129,533	$ 1,554,390	$ 775,727	$ 778,663
Tennessee Gas		5083	4,605	$16.59	12	$ 76,397	$ 916,763	$ 457,516	$ 459,247
Total 5083			13,155	$15.65	12	$ 205,929	$ 2,471,153	$ 1,233,244	$ 1,237,910
Tennessee Gas	86	39735	929	$4.93	12	$ 4,580	$ 54,960	$ 27,428	$ 27,532
Tennessee Gas	86	5292	1,406	$4.93	12	$ 6,932	$ 83,179	$ 41,511	$ 41,668
Tennessee Gas	77	5296	950	$10.34	12	$ 9,824	$ 117,891	$ 58,834	$ 59,057
Tennessee Gas	77	31861	2,226	$7.17	12	$ 15,960	$ 191,525	$ 95,582	$ 95,943
Tennessee Gas	86	31862 -41099	4,267	$4.93	12	$ 21,036	$ 252,436	$ 125,980	$ 126,456
Total Tennessee Gas						**$ 264,262**	**$ 3,171,144**	**$ 1,582,578**	**$ 1,588,566**
Texas Eastern		800484	33	$2.3620	12	$ 78	$ 935	$ 467	$ 469
Texas Eastern		800484	9	$2.1510	12	$ 19	$ 232	$ 116	$ 116
Texas Eastern	92	800484	16	$6.7360	12	$ 108	$ 1,293	$ 645	$ 648
Texas Eastern		800484	18	$2.7980	12	$ 50	$ 604	$ 302	$ 303
Texas Eastern		800484	59	$11.0100	12	$ 650	$ 7,795	$ 3,890	$ 3,905
Total 800484						$ 905	$ 10,860	$ 5,420	$ 5,440
Texas Eastern	92	800384	965	$5.7220	12	$ 5,522	$ 66,261	$ 33,068	$ 33,193
Total Texas Eastern						**$ 6,427**	**$ 77,121**	**$ 38,488**	**$ 38,633**
TransCanada LH	78	Empr to E Her	1,100	$47.71	12	$ 52,486	$ 629,834	$ 314,322	$ 315,512
TransCanada SH		Dawn to Iroqu	5,937	$10.27	12	$ 60,971	$ 731,653	$ 365,136	$ 366,517
Total TransCanada						**$ 113,457**	**$ 1,361,487**	**$ 679,458**	**$ 682,029**
Vector 1			6070	$8.5786	12	$ 52,072	$ 624,862	$ 311,841	$ 313,021
Vector 2A	77		17,086	$4.5625	5	$ 77,955	$ 389,774	$ 194,519	$ 195,255
Vector 2B			17,172	$7.6042	12	$ 130,579	$ 1,566,952	$ 781,997	$ 784,955
Total Vector			40,328			**$ 260,606**	**$ 2,581,588**	**$ 1,288,357**	**$ 1,293,231**
Total Product & Pipeline Costs:							**$ 9,988,429**	**$ 4,984,784**	**$ 5,003,645**
Storage Related Demand Costs:									
Texas Eastern FSS-1 Space	74	400513	64	$0.8950	12	$ 57	$ 687	$ 343	$ 344
Texas Eastern FSS-1 Reservation		400513	320	$0.1293	12	$ 41	$ 497	$ 248	$ 249
Total 400513							$ 1,184	$ 591	$ 593
Texas Eastern FSS-1 Space	94	400215	123	$0.1293	12	$ 16	$ 190	$ 95	$ 95
Texas Eastern FSS-1 Reservation		400215	21	$5.4340	12	$ 114	$ 1,369	$ 683	$ 686
Total 400215							$ 1,559	$ 778	$ 781
Texas Eastern Pipeline	92	800436	64	$5.2850	12	$ 338	$ 4,059	$ 2,026	$ 2,033
Total Texas Eastern			**592**			**$ 567**	**$ 6,802**	**$ 3,395**	**$ 3,408**
Tennessee FS-MA Capacity	90	5195	259,337	$0.0185	12	$ 4,798	$ 57,573	$ 28,732	$ 28,841
Tennessee FS-MA Deliverability		5195	4,243	$1.1500	12	$ 4,879	$ 58,553	$ 29,221	$ 29,332
Total FSMA						$ 9,677	$ 116,126	$ 57,953	$ 58,173
Tennessee Pipeline	86	5265	2,653	$5.89	12	$ 15,626	$ 187,514	$ 93,580	$ 93,934
Total Tennessee			**266,233**			**$ 25,303**	**$ 303,640**	**$ 151,533**	**$ 152,107**
A			34,000	$7.0833	5	$ 240,832	$ 1,204,161	$ 600,944	$ 603,217
PNGTS - 151 Days	77		33,000	$52.0632	5	$ 1,718,087	$ 8,590,433	$ 4,287,106	$ 4,303,327
Trans Canada	78		34,000	$16.60	12	$ 564,559	$ 6,774,706	$ 3,380,957	$ 3,393,749
Total Storage			**367,825**				**$ 16,879,742**	**$ 8,423,934**	**$ 8,455,808**
Peaking Demand Costs									
B	N/A		5,000	$45.7500	12	$ 228,750	$ 2,745,000	$ 1,369,908	$ 1,375,092
C	N/A	93201F	47,000	$6.2100	5	$ 291,870	$ 1,459,350	$ 728,297	$ 731,053
Total Peaking			**52,000**				**$4,204,350**	**$2,098,205**	**$2,106,145**
TOTAL DEMAND COSTS							**$31,072,522**	**$15,506,923**	**$15,565,598**

Copy of Storage - Final PNGTS

	Beg MMBTU	Inj.	WD	Memo WD $$	Beg Dollars	Avg. Rate	Pipeline Purchase Rate	WD Fee	Ending MMBTU	Ending Dollars w/o int	Interest	Total WD Commodity & Fee	Ending Dollars with int
Washington 10 Pre-Paid - Capacity 3,400,000													
May-08	480,857	480,857			$5,477,297.83	**$11.3907**	$11.39		961,714	$10,954,595.66	$22,731	$0	$10,977,326.45
June	961,714	480,857			$10,339,469.64	**$10.7511**	$12.09		1,442,571	$15,877,754.61	$33,645	$0	$15,911,400.05
July	1,442,571	480,857			$15,911,400.05	**$11.1806**	$13.10		1,923,428	$22,209,665.03	$48,763	$0	$22,258,428.23
Aug	1,923,428	480,857			$22,258,428.23	**$11.5723**	$9.11		2,404,285	$26,638,025.70	$62,750	$0	$26,700,776.15
Sept	2,404,285	480,857			$26,700,471.24	**$11.1054**	$8.15		2,885,142	$30,617,099.59	$73,558	$0	$30,690,657.14
Oct	2,885,142	**480,857**			$30,690,657.14	**$10.6375**	$7.63		3,365,999	$34,357,191.76	$87,273	$0	$34,444,464.29
Nov	3,365,999		370,612	$3,942,385.15	$34,444,464.29	**$10.2331**	$6.74	$24,530	2,995,387	$30,651,954.64	$87,338	$4,054,253	$30,739,292.33
Dec	2,995,387		774,360	$7,924,103.32	$30,739,292.33	**$10.2622**	$7.07	$38,440	2,221,027	$22,792,655.14	$71,822	$8,034,365	$22,864,477.17
Jan-09	2,221,027		880,646	$9,037,365.38	$22,864,477.17	**$10.2946**	$7.38	$43,930	1,340,381	$13,798,578.86	$49,190	$9,130,485	$13,847,768.46
Feb	1,340,381		843,096	$8,679,336.08	$13,847,768.46	**$10.3312**	$7.45	$42,920	497,285	$5,137,575.06	$25,472	$8,747,728	$5,163,047.07
March	497,285		219,137	$2,263,948.17	$5,163,047.07	**$10.3825**	$7.35	$11,680	278,148	$2,887,857.16	$10,802	$2,286,430	$2,898,658.79
April	278,148	0	0	$0.00	$2,898,658.79	**$10.4213**	$7.24	$0	278,148	$2,898,658.79	$7,778	$7,778	$2,906,436.86
			3,087,851	$31,847,138.103		**$10.314**						**$32,261,039**	

	Beg MMBTU	Inj.	WD	Memo WD $$	Beg Dollars	Avg. Rate	Pipeline Purchase Rate	WD Fee	Ending MMBTU	Ending Dollars w/o int	Interest	Total WD Commodity & Fee	Ending Dollars with int
TETCO 400215 - Capacity 1470													
May-08	**1,096**		1	$7.50	**$8,216.32**	**$7.4966**	$11.86		1,095	$8,208.82	$23	$7	$8,231.54
June	1,095		1	$7.50	$8,231.54	**$7.4966**	$12.96		1,094	$8,224.05	$21	$7	$8,245.17
July	1,094	0	1	$7.50	$8,245.17	**$7.4966**	$9.16		1,093	$8,237.67	$21	$7	$8,258.75
Aug	1,093	0	1	$7.50	$8,258.75	**$7.4966**	$8.17		1,092	$8,251.26	$21	$0	$8,272.45
Sept	1,092	0	1	$7.50	$8,272.45	**$7.5755**	$7.94		1,091	$8,264.87	$22	$0	$8,287.06
Oct	1,091	**189**	0	$0.00	$8,287.06	**$7.5958**	$7.63	$0	1,280	$9,728.18	$24	$0	$9,752.35
Nov	1,280	0	142	$1,078.61	$9,752.35	**$7.6190**	$6.74	$8	1,138	$8,670.45	$25	$1,111	$8,695.17
Dec	1,138	0	142	$1,081.90	$8,695.17	**$7.6407**	$7.07	$8	996	$7,610.18	$22	$1,134	$7,632.06
Jan-09	996	0	369	$2,819.44	$7,632.06	**$7.6627**	$7.38	$30	627	$4,804.52	$17	$2,865	$4,821.20
Feb	627	0	355	$2,720.26	$4,821.20	**$7.6893**	$7.45	$29	272	$2,091.50	$9	$2,759	$2,100.77
March	272	0	355	$2,729.71	$2,100.77	**$7.7234**	$7.35	$29	(83)	-$641.04	$2	$2,732	($639.09)
April	(83)	0	28	$216.26	($639.09)	**$7.6998**	$7.24	$0	(111)	-$854.68	($2)	$214	($856.68)
			1,391	$10,646.172		**$7.654**						**$10,822**	

	Beg MMBTU	Inj.	WD	Memo WD $$	Beg Dollars	Avg. Rate	Pipeline Purchase Rate	WD Fee	Ending MMBTU	Ending Dollars w/o int	Interest	Total WD Commodity & Fee	Ending Dollars with int
TETCO 400513 - Capacity 3840													
May-08	**3,298**		2		$27,761.37	**$8.4176**	$11.39		3,296	$27,744.53	$77	$77	$27,821.32
June	3,296		2		$27,821.32	**$8.4176**	$12.09	$0	3,294	$27,804.48	$71	$71	$27,875.87
July	3,294	0	2		$27,875.87	**$8.4176**	$13.10	$0	3,292	$27,859.03	$71	$71	$27,930.33
Aug	3,292	0	2		$27,930.33	**$8.4176**	$9.11	$0	3,290	$27,913.49	$72	$72	$27,985.16
Sept	3,290	0	2		$27,985.16	**$8.4176**	$8.15	$0	3,288	$27,968.32	$75	$75	$28,043.39
Oct	3,288	**275**	0		$28,043.39	**$8.5290**	$7.63	$0	3,563	$30,140.27	$78	$78	$30,218.33
Nov	3,563		371	$3,164.26	$30,218.33	**$8.4811**	$6.74	$10	3,192	$27,071.83	$77	$3,251	$27,148.69
Dec	3,192		370	$3,138.03	$27,148.69	**$8.5052**	$7.07	$10	2,822	$24,001.76	$69	$3,217	$24,070.38
Jan-09	2,822		963	$8,190.54	$24,070.38	**$8.5295**	$7.38	$40	1,859	$15,856.43	$54	$8,284	$15,910.00
Feb	1,859		925	$7,889.83	$15,910.00	**$8.5584**	$7.45	$30	934	$7,993.51	$32	$7,952	$8,025.58
March	934		925	$7,916.49	$8,025.58	**$8.5927**	$7.35	$30	9	$77.33	$11	$7,957	$88.21
April	9		0	$0.00	$88.21	**$9.8006**	$7.24	$0	9	$88.21	$0	$0	$88.44
			3,554	$30,299.142		**$8.525**						**$31,106**	

Copy of Storage - Final PNGTS

TGP - Capacity 259337	Beg MMBTU	Inj.	WD	Memo WD $$	Beg Dollars	Avg. Rate	Pipeline Purchase Rate	WD Fee	Ending MMBTU	Ending Dollars w/o int	Interest	Total WD Commodity & Fee	Ending Dollars with int
May-08	67,570	45,818			$163,462.62	$2.4192	$11.39		113,388	$688,953.84	$1,179	$1,179	$690,133.02
June	113,388	44,340			$690,133.02	$6.0865	$11.72		157,728	$1,213,234.17	$2,443	$2,443	$1,215,676.83
July	157,728	46,500	682		$1,215,676.83	$10.5137	$12.19		203,546	$1,778,921.98	$3,831	$3,831	$1,782,752.57
Aug	203,546	43,500	637		$1,782,752.57	$10.9142	$8.41		246,409	$2,145,054.33	$5,041	$5,041	$2,150,095.01
Sept	246,409	0			$2,150,095.01	$8.7257	$8.15		246,409	$2,510,865.55	$6,253	$6,253	$2,517,119.01
Oct	246,409	6,464			$2,517,119.01	$10.2152	$7.63		252,873	$2,566,407.01	$6,820	$6,820	$2,573,227.41
Nov	252,873		12,622	$128,936.25	$2,573,227.41	$10.1760	$6.74	$574	240,251	$2,444,785.93	$6,733	$136,243	$2,451,518.44
Dec	240,251		37,866	$385,324.42	$2,451,518.44	$10.2040	$7.07	$2,022	202,385	$2,065,133.77	$6,060	$393,406	$2,071,193.61
Jan-08	202,385		100,977	$1,030,369.31	$2,071,193.61	$10.2339	$7.38	$9,792	101,408	$1,037,805.09	$4,171	$1,044,333	$1,041,976.33
Feb	101,408		50,488	$516,689.14	$1,041,976.33	$10.2751	$7.45	$2,106	50,920	$523,207.08	$2,100	$520,895	$525,307.04
March	50,920		37,866	$389,076.94	$525,307.04	$10.3163	$7.35	$1,582	13,054	$134,670.02	$885	$391,544	$135,555.49
April	13,054		0	$0.00	$135,555.49	$10.3842	$7.24	$0	13,054	$135,555.49	$364	$364	$135,919.23
			239,819	$2,450,396.06		$10.2177						$2,512,352	

LPG - Capacity 7,187	Beg MMBTU	Inj.	WD	Memo WD $$	Injection $$	Beg Dollars	Avg. Rate	Pipeline Purchase Rate	WD Fee	Ending MMBTU	Ending Dollars w/o int	Interest	Ending Dollars with int
May-08	6,219	0	0	$0.00		$53,990.44	$8.2744	$11.39	$0	6,219	$53,990.44	$149	$54,140
June	6,219	0	7	$57.92		$54,139.81	$8.2744	$12.09	$0	5,921	$54,081.89	$139	$54,221
July	5,921	0	(66)	($579.21)		$54,220.78	$8.2744	$13.10	$0	5,987	$54,799.99	$139	$54,939
Aug	5,987	0	(29)	($248.23)	$0.00	$54,939.44	$8.2744	$9.11	$0	6,012	$55,187.67	$141	$55,329
Sept	6,012	0	96	$852.26	$0.00	$55,329.00	$8.2744	$8.15	$0	5,916	$54,476.74	$147	$54,624
Oct	5,916	243	0	$0.00	$0.00	$54,624.07	$9.2333	$7.63	$0	6,159	$54,624.07	$147	$54,771
Nov	6,159	0	0	$0.00	$0.00	$54,770.64	$8.8928	$6.74	$0	6,159	$54,770.64	$147	$54,918
Dec	6,159	0	0	$0.00	$0.00	$54,917.61	$8.9166	$7.07	$0	6,159	$54,917.61	$147	$55,065
Jan-08	6,159	0	0	$0.00	$0.00	$55,064.97	$8.9406	$7.38	$0	6,159	$55,064.97	$148	$55,213
Feb	6,159	0	0	$0.00	$0.00	$55,212.73	$8.9646	$7.45	$0	6,159	$55,212.73	$148	$55,361
March	6,159	0	0	$0.00	$0.00	$55,360.88	$8.9886	$7.35	$0	6,159	$55,360.88	$149	$55,509
April	6,159	0	0	$0.00	$0.00	$55,509.43	$9.0127	$7.24	$0	6,159	$55,509.43	$149	$55,658
			8	$82.74			$10.3425						

LNG - Capacity 13,750	Beg DTH	Beg Dollars	Inj.	WD	Memo WD $$	Inj $	Avg. Rate	Pipeline Purchase Rate	WD Fee	Ending MMBTU	Ending Dollars w/o int	Interest	Ending Dollars with int
May-08	5,147	$44,817.17	4,508	1,308	$9,662.56	$26,507.04	$7.39	$5.8800		8,347	$61,661.62	$122	$61,783.59
June	8,347	$61,783.59	804	1,503	$10,904.04	$4,727.52	$7.25	$5.8800		7,648	$55,607.07	$77	$55,684.50
July	7,648	$55,684.50	5,465	1,104	$7,943.00	$38,859.00	$7.28	$5.8800		12,009	$86,505.36	$160	$86,665.72
Aug	12,009	$86,665.72	0	1,977	$15,585.00	$37,589.00	$7.22	$5.8800		10,032	$109,987.24	$189	$110,176.63
Sept	10,032	$110,176.63	1,819	1,279	$13,115.00	$10,695.72	$10.98	$5.8800		10,572	$106,825.71	$158	$106,983.39
Oct	10,572	$106,983.39	2,900	0	$0.00	$17,052.00	$10.12	$5.8800		13,472	$124,035.39	$189	$124,224.68
Nov	13,472	$124,224.68		1,350	$13,661.33	$0.00	$9.22	$5.8800		12,122	$111,776.39	$150	$111,926.36
Dec	12,122	$111,926.36		3,435	$31,673.97	$0.00	$9.23	$5.8800		8,687	$80,209.89	$108	$80,317.50
Jan-08	8,687	$80,317.50	11,572	14,738	$136,080.73	$68,043.36	$9.25	$5.8800		5,521	$12,097.55	$108	$12,205.08
Feb	5,521	$12,205.08	7,077	9,739	$90,043.99	$41,612.76	$2.21	$5.8800		2,859	$32,288.18	$99	$32,387.33
March	2,859	$32,387.33	1,395	1,395	$3,083.88	$8,202.60	$11.33	$5.8800		2,859	$24,787.09	$44	$24,831.35
April	2,859	$24,831.35	1,395	1,350	$15,293.07	$8,202.60	$8.69	$5.8800		2,904	$21,308.76	$40	$21,348.35
				39,178	$347,046.58		$8.86						

NORTHERN UTILITIES,INC
NEW HAMPSHIRE DIVISION
CGA/REFUND INTEREST CALCULATION FOR SUMMER PERIOD
November 1, 2008 to October 31, 2009

		Beg of Mo. Balance	(Over)Under Collection	End of Mo. Balance	Average Balance	Interest Rate	Annual Interest Amount	Monthly Balance W/ Interest
May-08	(act)	($707,623)		($707,623)	($707,623)	5.00%	($2,948)	($710,570)
Jun-08	(act)	($710,570)		($710,570)	($710,570)	5.00%	($2,961)	($713,531)
Jul-08	(act)	($713,531)		($713,531)	($713,531)	5.00%	($2,973)	($716,504)
Aug-08	(act)	($716,504)		($716,504)	($716,504)	5.00%	($2,985)	($719,489)
Sep-08	(act)	($719,489)		($719,489)	($719,489)	5.00%	($2,998)	($722,487)
Oct-08	(fcst)	($722,487)		($722,487)	($722,487)	5.00%	($3,010)	($725,497)
Nov-08	(fcst)	($725,497)	($966,423)	($1,691,920)	($1,208,709)	5.00%	($5,036)	($1,696,956)
Dec-08	(fcst)	($1,696,956)	$161,675	($1,535,281)	($1,616,119)	5.00%	($6,734)	($1,542,015)
Jan-09	(fcst)	($1,542,015)	$1,753,458	$211,442	($665,286)	5.00%	($2,772)	$208,670
Feb-09	(fcst)	$208,670	$616,404	$825,074	$516,872	5.00%	$2,154	$827,228
Mar-09	(fcst)	$827,228	($717,973)	$109,255	$468,242	5.00%	$1,951	$111,206
Apr-09	(fcst)	$111,206	($1,095,990)	($984,784)	($436,789)	5.00%	($1,820)	($986,604)
			$ (248,850)				$ (12,257)	
								($986,604)
							WC	$83,614
							BD	$196,517
							Prod & Stor	$686,673
							CRC	($71,068)
							Refunds	$0
							Misc OH	$93,036
								$2,167

NORTHERN UTILITIES,INC. - NEW HAMPSHIRE DIVISION
Variance Analysis of Components of Proposed CGA vs. Actual Costs 2007-2008

November, 2008 through April, 2009

	Costs	Therm Sales	Rate Effect on CGA
DEMAND			
Product Demand	$ 760,313		$ 0.0201
Pipeline - Reservation	$ 3,220,728		$ 0.0853
Storage Demand	$ 9,946,712		$ 0.2634
Capacity Release	$ (1,674,016)		$ (0.0443)
Interruptible Margins	$ (23,829)		$ (0.0006)
Total Demand Effect	$ 12,229,908	37,760,570	$ 0.3239
COMMODITY			
Granite State	$ 3,569,789		$ 0.0945
Canadian	$ -		$ -
Domestic	$ 9,353,584		$ 0.2477
Hedging Gain/Loss	$ 1,451,979		$ 0.0385
LPG/LNG/Peaking/Other	$ 3,617,203		$ 0.0958
Storage Supplies	$ 17,242,943		$ 0.4566
Peaking Supplies	$ -		$ -
Total Commodity Effect	$35,235,499	37,760,570	$ 0.9331
TOTAL WINTER GAS COSTS	$ 47,465,406	37,760,570	$ 1.2570
Under/Over Collection	($725,497)		$ (0.0192)
Refunds	$0		$ -
Interest	($12,257)		$ (0.0003)
Miscellaneous Overhead-Allocated to Winter	$93,036		$ 0.0025
Working Capital Allowance	$83,614		$ 0.0022
Bad Debt Allowance	$196,517		$ 0.0052
Production and Storage Capacity	$686,673		$ 0.0182
Capacity Reserve	($71,068)		$ (0.0019)
TOTAL INDIRECT COSTS	$ 251,017	37,760,570	$ 0.0066
TOTAL	$ 47,716,423	37,760,570	$ 1.2636

November, 2007 through April, 2008

	Costs	Therm Sales	Rate Effect on CGA	Difference Rate
DEMAND				
Product Demand	$ 1,895,146		$ 0.0621	$ (0.0419)
Pipeline - Reservation	$ 8,014,622		$ 0.2625	$ (0.1772)
Storage Demand	$ 1,203,152		$ 0.0394	$ 0.2240
Capacity Release	$ (1,155,856)		$ (0.0379)	$ (0.0065)
Miscellaneous	$ (82,324)		$ (0.0027)	
Demand Allocated to Summer Period	($1,090,218)		$ (0.0357)	
Total Demand Effect	$ 8,784,522	30,533,024	$ 0.2877	$ 0.0362
COMMODITY				
Granite State	$ -		$ -	$ 0.0945
Canadian	$ -		$ -	$ -
Domestic	$ 14,959,505		$ 0.4899	$ (0.2422)
Hedging Gain/Loss	$ 198,537		$ 0.0065	$ 0.0319
LPG/LNG/Peaking/Other	$ 2,849,103		$ 0.0933	$ 0.0025
Net Storage Supplies	$ 10,881,744		$ 0.3564	$ 0.1002
Peaking Supplies	$ -		$ -	$ -
Miscellaneous	$ 264,201		$ 0.0087	$ (0.0087)
Commodity Reallocation	$ (3,258,159)		$ (0.1067)	$ 0.1067
Total Pipeline Commodity Effect	$ 25,894,931	30,533,024	$ 0.8481	$ 0.0850
TOTAL WINTER GAS COSTS	$ 34,679,453	30,533,024	$ 1.1358	$ 0.1212
Under/Over Collection	$ (2,770,431)		$ (0.0907)	$ 0.0715
Refunds	$ -		$ -	$ -
Interest	$ 80,100		$ 0.0026	$ (0.0029)
Miscellaneous Overhead-Allocated to Winte	$ 95,513		$ 0.0031	$ (0.0007)
Working Capital Allowance	$ 67,377		$ 0.0022	$ 0.0000
Bad Debt Allowance	$ 159,881		$ 0.0052	$ (0.0000)
Production and Storage Capacity	$ 686,673		$ 0.0225	$ (0.0043)
TOTAL INDIRECT COSTS	$ (1,680,887)			
TOTAL	$ 32,998,566	30,533,024	$ 1.0808	$ 0.1828

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
Forecasted November 2008 vs. 2007 Winter Period

Residential Heating

Weighted Average	Winter 2007-2008	Winter 2008-2009
Customer Charge	$9.50	$9.50
First 50 Therms	$0.4102	$0.4102
Excess 50 Therms	$0.2990	$0.2990
LDAC	$0.0194	$0.0255
CGA	$1.1358	$1.2636
Total Adjustment	$1.1552	$1.2891

	Winter 2007-2008 CGA @ $1.1552	Winter 2008-2009 CGA @ $1.2891	Total $ Impact	Total % Impact	Base Rate $ Impact	Base Rate % Impact	CGA $ Impact	CGA % Impact	LDAC $ Impact	LDAC % Impact
			$0.13	11%						
5	$17.33	$18.00	$0.67	4%	$0.00	0%	$0.64	4%	$0.03	0%
10	$25.15	$26.50	$1.35	5%	$0.01	0%	$1.28	5%	$0.06	0%
20	$40.81	$43.49	$2.68	7%	$0.00	0%	$2.56	6%	$0.12	0%
30	$56.46	$60.48	$4.02	7%	$0.00	0%	$3.83	7%	$0.18	0%
45	$79.94	$85.97	$6.03	8%	$0.00	0%	$5.75	7%	$0.28	0%
50	$87.77	$94.47	$6.70	8%	$0.00	0%	$6.39	7%	$0.31	0%
75	$124.13	$134.17	$10.04	8%	($0.00)	0%	$9.59	8%	$0.46	0%
125	$196.84	$213.58	$16.74	9%	($0.00)	0%	$15.98	8%	$0.77	0%
150	$233.19	$253.28	$20.09	9%	$0.00	0%	$19.17	8%	$0.92	0%
200	$305.90	$332.69	$26.79	9%	$0.00	0%	$25.56	8%	$1.23	0%

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
FORECASTED NOVEMBER 2008 vs. 2007-2008 WINTER PERIOD

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

12 MOS ENDED 04/2008	Rate	November	December	January	February	March	April	Winter Nov-Apr	May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Typical Usage:		109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
Residentail Heating																
Winter:																
Cust. Chg	$ 9.50	$9.50	$9.50	$9.50	$9.50	$9.50	$9.50	$57.00								
First 50 therms @	$ 0.4102	$20.51	$20.51	$20.51	$20.51	$20.51	$20.51	$123.06								
Excess 50 therms @	$ 0.2990	$17.64	$29.90	$40.96	$41.26	$34.68	$24.52	$188.96								
Summer:																
Cust. Chg	$ 9.50								$9.50	$9.50	$9.50	$9.50	$9.50	$9.50	$57.00	$114.00
First 50 therms @	$ 0.4102								$20.51	$20.51	$12.31	$12.31	$17.23	$20.51	$103.38	$226.44
Excess 50 therms @	$ 0.2990								$11.96	$1.50	$0.00	$0.00	$0.00	$6.28	$19.74	$208.70
Total Base Rate Amount		$47.65	$59.91	$70.97	$71.27	$64.69	$54.53	$369.02	$41.97	$31.51	$21.81	$21.81	$26.73	$36.29	$180.12	$549.14
CGA Rates - (Seasonal)		$1.0610	$1.0610	$1.0610	$1.0610	$1.0610	$1.2732	$1.0911	$0.9040	$0.9040	$0.8440	$0.8440	$0.7232	$0.7232	$0.8284	$1.0242
LDAC		$0.0194	$0.0194	$0.0194	$0.0194	$0.0194	$0.0194	$0.0194	$0.0261	$0.0261	$0.0261	$0.0261	$0.0261	$0.0261	$0.0261	$0.0261
Total CGA and LDAC Amount		$117.76	$162.06	$202.03	$203.12	$179.35	$170.62	$1,034.94	$83.71	$51.16	$26.10	$26.10	$31.47	$53.20	$271.74	$1,306.68
Total Bill		$165.41	$221.97	$273.00	$274.39	$244.04	$225.15	$1,403.96	$125.68	$82.67	$47.91	$47.91	$58.20	$89.49	$451.86	$1,855.82

12 MOS ENDED 04/2009	Rate	November	December	January	February	March	April	Winter Nov-Apr	2008 May	June	July	August	September	October	Summer May-Oct	Total Nov-Oct
Typical Usage:		109	150	187	188	166	132	932	90	55	30	30	42	71	318	1,250
Residentail Heating																
Winter:																
Cust. Chg	$ 9.50	$ 9.50	$ 9.50	$ 9.50	$ 9.50	$ 9.50	$ 9.50	$57.00								
First 50 therms @	$ 0.4102	$20.51	$20.51	$20.51	$20.51	$20.51	$20.51	$123.06								
Excess 50 therms @	$ 0.2990	$17.64	$29.90	$40.96	$41.26	$34.68	$24.52	$188.96								
Summer:																
Cust. Chg	$ 9.50								$9.50	$9.50	$9.50	$9.50	$9.50	$9.50	$57.00	$114.00
First 50 therms @	$ 0.4102								$20.51	$20.51	$12.31	$12.31	$17.23	$20.51	$103.38	$226.44
Excess 50 therms @	$ 0.2990								$11.96	$1.50	$0.00	$0.00	$0.00	$6.28	$19.74	$208.70
Total Base Rate Amount		$47.65	$59.91	$70.97	$71.27	$64.69	$54.53	$369.02	$41.97	$31.51	$21.81	$21.81	$26.73	$36.29	$180.12	$549.14
CGA Rates - (Seasonal)		$1.2636	$1.2636	$1.2636	$1.2636	$1.2636	$1.2636	$1.2636	$1.1315	$1.3231	$1.3231	$1.2050	$0.9305	$0.9305	$1.1182	$1.2266
LDAC		$0.0255	$0.0255	$0.0255	$0.0255	$0.0255	$0.0255	$0.0255	$0.0194	$0.0194	$0.0194	$0.0194	$0.0194	$0.0194	$0.0194	$0.0194
Total CGA and LDAC Amount		$140.51	$193.37	$241.07	$242.36	$214.00	$170.16	$1,201.47	$103.58	$73.84	$40.28	$36.73	$39.90	$67.44	$361.77	$1,563.24
Total Bill		$188.16	$253.28	$312.04	$313.63	$278.69	$224.69	$1,570.49	$145.55	$105.35	$62.09	$58.54	$66.63	$103.73	$541.89	$2,112.38
DIFFERENCE																
Total Bill		$22.75	$31.31	$39.04	$39.24	$34.65	($0.46)	$166.53	$19.87	$22.68	$14.18	$10.63	$8.43	$14.24	$90.03	$256.56
% Change								11.86%							19.92%	13.82%

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

Current **Account #966 - 44168**

ACB	$1,201,728.42
TE	($1,728,201.58)
LV	($1,728,201.58)

Date	Prv Trans	Hedge No.	Trade Ticket	Contracts	Entry Price	Exit Price		Profit and Loss	ME Profit and Loss	NH Profit and Loss
ACTIVITY-Reach profit and loss total for all trades closed with this month's activity										
07/29/08	Bot Nov8 Futures			1	$9.570	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot Dec8 Futures			1	$9.960	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot Jan9 Futrues			1	$10.160	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot Feb9 Futrues			2	$10.170	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot Mar9 Futrues			1	$10.000	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot Apr9 Futrues			2	$9.235	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot May9 Futrues			2	$9.170	$0.000		$0.00	$0.00	$0.00
07/29/08	Bot Oct9 Futrues			2	$9.510	$0.000		$0.00	$0.00	$0.00
	Net P&L							$0.00	$0.00	$0.00

TRANSACTION COSTS-New activity

	Contracts	Price	Amount	ME	NH
Transaction Cost-Futures	12	$6.21	($74.52)	($37.26)	($37.26)
Transaction Cost-Futures Globex	0	$3.97	$0.00	$0.00	$0.00
Transaction Cost - Futures EFS	0	$8.71	$0.00	$0.00	$0.00
Transaction Cost-Enter Options	0	$9.72	$0.00	$0.00	$0.00
Transaction Cost-Exit Options	0	$3.37	$0.00	$0.00	$0.00
Transaction Cost-Assnd/Exer	0	$11.37	$0.00	$0.00	$0.00
Transaction Cost - NYM HenryHSwap	0	$1.85	$0.00	$0.00	$0.00
Adj. EFS Fees	0	$0.00	$0.00	$0.00	$0.00
Total New Transaction Costs			($74.52)	($37.26)	($37.26)

MARGIN CASH BALANCE					Subtotal	Total	ME	NH
07/01/08	**Beginning Balance-carried forward from last month**					($3,203,516.25)	($1,601,758.13)	($1,601,758.13)
	Interest Credit (for Jun08)	2-Jul			$1,294.19		$647.10	$647.10
	Deposit to Margin Account	1-Jul 2-Jul 8-Jul 9-Jul 14-Jul 18-Jul 23-Jul 24-Jul 25-Jul		16-Jul	$4,404,025.00		$2,202,012.50	$2,202,012.50
	Option Premiums of new activity and closed open option positions		$0.00 $0.00					
	Monthly Option Premium				$0.00		$0.00	$0.00
07/31/08	Monthly Net P&L				$0.00		$0.00	$0.00
07/31/08	Monthly Transaction Costs				($74.52)		($37.26)	($37.26)
07/31/08	*Total Monthly Cash Adjustment*					$4,405,244.67	$2,202,622.34	$2,202,622.34
07/31/08	***Ending Balance***			***ACB***		**$1,201,728.42**	**$600,864.21**	**$600,864.21**

OPEN FUTURES POSITIONS-Total Trade Equity

Date		Hedge No.	Trade Ticket	QTY	Entry Price	7/31/2008 Price	Profit and Loss	ME Profit and Loss	NH Profit and Loss
03/28/07	Bot Oct8 Futures			2	$8.350	$9.224	$17,480.00	$8,740.00	$8,740.00
04/26/07	Bot Oct8 Futures			2	$8.510	$9.224	$14,280.00	$7,140.00	$7,140.00
05/29/07	Bot Oct8 Futures			2	$8.645	$9.224	$11,580.00	$5,790.00	$5,790.00
06/27/07	Bot Oct8 Futures			1	$8.310	$9.224	$9,140.00	$4,570.00	$4,570.00
07/27/07	Bot Oct8 Futures			2	$8.430	$9.224	$15,880.00	$7,940.00	$7,940.00
08/27/07	Bot Oct8 Futures			5	$7.661	$9.224	$78,150.00	$39,075.00	$39,075.00
08/29/07	Bot Oct8 Futures			2	$7.800	$9.224	$28,480.00	$14,240.00	$14,240.00
09/26/07	Bot Oct8 Futures			2	$7.970	$9.224	$25,080.00	$12,540.00	$12,540.00
10/29/07	Bot Oct8 Futures			1	$8.180	$9.224	$10,440.00	$5,220.00	$5,220.00
11/28/07	Bot Oct8 Futures			2	$7.920	$9.224	$26,080.00	$13,040.00	$13,040.00
12/27/08	Bot Oct8 Futures			2	$7.580	$9.224	$32,880.00	$16,440.00	$16,440.00
01/29/08	Bot Oct8 Futures			2	$8.385	$9.224	$16,780.00	$8,390.00	$8,390.00
02/27/08	Bot Oct8 Futures			2	$9.515	$9.224	($5,820.00)	($2,910.00)	($2,910.00)
09/26/07	Bot Nov8 Futures			1	$8.370	$6.742	($16,280.00)	($8,520.95)	($7,759.05)
10/29/07	Bot Nov8 Futures			1	$8.590	$6.742	($18,480.00)	($9,672.43)	($8,807.57)
11/28/07	Bot Nov8 Futures			1	$8.305	$6.742	($15,630.00)	($8,180.74)	($7,449.26)
12/27/08	Bot Nov8 Futures			2	$7.970	$6.742	($24,560.00)	($12,854.70)	($11,705.30)
01/29/08	Bot Nov8 Futures			1	$8.620	$6.742	($18,780.00)	($9,829.45)	($8,950.55)
02/27/08	Bot Nov8 Futures			1	$9.800	$6.742	($30,580.00)	($16,005.57)	($14,574.43)
03/27/08	Bot Nov8 Futures			2	$10.160	$6.742	($68,360.00)	($35,779.62)	($32,580.38)
04/28/08	Bot Nov8 Futures			1	$11.660	$6.742	($49,180.00)	($25,740.81)	($23,439.19)
05/28/08	Bot Nov8 Futures			1	$12.300	$6.742	($55,580.00)	($29,090.57)	($26,489.43)
06/28/08	Bot Nov8 Futures			1	$13.385	$6.742	($66,430.00)	($34,769.46)	($31,660.54)
07/29/08	Bot Nov8 Futures			1	$9.570	$6.742	($28,280.00)	($14,801.75)	($13,478.25)
									($186,893.92)
09/26/07	Bot Dec8 Futures			2	$8.780	$7.074	($34,120.00)	($17,401.20)	($16,718.80)
10/29/07	Bot Dec8 Futures			1	$9.000	$7.074	($19,260.00)	($9,822.60)	($9,437.40)
11/28/07	Bot Dec8 Futures			1	$8.740	$7.074	($16,660.00)	($8,496.60)	($8,163.40)
12/27/08	Bot Dec8 Futures			2	$8.400	$7.074	($26,520.00)	($13,525.20)	($12,994.80)
01/29/08	Bot Dec8 Futures			1	$8.880	$7.074	($18,060.00)	($9,210.60)	($8,849.40)
02/27/08	Bot Dec8 Futures			2	$10.135	$7.074	($61,220.00)	($31,222.20)	($29,997.80)
03/27/08	Bot Dec8 Futures			1	$10.515	$7.074	($34,410.00)	($17,549.10)	($16,860.90)
04/28/08	Bot Dec8 Futures			2	$12.030	$7.074	($99,120.00)	($50,551.20)	($48,568.80)
05/28/08	Bot Dec8 Futures			2	$12.665	$7.074	($111,820.00)	($57,028.20)	($54,791.80)
06/26/08	Bot Dec8 Futures			2	$13.700	$7.074	($132,520.00)	($67,585.20)	($64,934.80)
07/29/08	Bot Dec8 Futures			1	$9.960	$7.074	($28,860.00)	($14,718.60)	($14,141.40)
									($285,459.30)
09/26/07	Bot Jan9 Futures			2	$9.050	$7.382	($33,360.00)	($16,653.31)	($16,706.69)
10/29/07	Bot Jan9 Futures			2	$9.280	$7.382	($37,960.00)	($18,949.63)	($19,010.37)
11/28/07	Bot Jan9 Futures			2	$9.000	$7.382	($32,360.00)	($16,154.11)	($16,205.89)
12/27/08	Bot Jan9 Futrues			2	$8.690	$7.382	($26,160.00)	($13,059.07)	($13,100.93)
01/29/08	Bot Jan9 Futrues			1	$9.085	$7.382	($17,030.00)	($8,501.38)	($8,528.62)
02/27/08	Bot Jan9 Futrues			2	$10.345	$7.382	($59,260.00)	($29,582.59)	($29,677.41)
~~03/27/08~~	~~Bot Jan9 Futrues~~			~~1~~	~~$10.750~~	~~$7.382~~	~~($33,680.00)~~	~~($16,813.06)~~	~~($16,866.94)~~
04/28/08	Bot Jan9 Futrues			2	$12.250	$7.382	($97,360.00)	($48,602.11)	($48,757.89)
05/28/08	Bot Jan9 Futrues			1	$12.895	$7.382	($55,130.00)	($27,520.90)	($27,609.10)
06/26/08	Bot Jan9 Futrues			2	$13.870	$7.382	($129,760.00)	($64,776.19)	($64,983.81)
07/29/08	Bot Jan9 Futrues			1	$10.160	$7.382	($27,780.00)	($13,867.78)	($13,912.22)
									($275,359.87)
09/26/07	Bot Feb9 Futures			1	$9.055	$7.449	($16,060.00)	($8,015.55)	($8,044.45)
10/29/07	Bot Feb9 Futures			1	$9.280	$7.449	($18,310.00)	($9,138.52)	($9,171.48)
11/28/07	Bot Feb9 Futures			2	$9.000	$7.449	($31,020.00)	($15,482.08)	($15,537.92)
12/27/08	Bot Feb9 Futrues			1	$8.705	$7.449	($12,560.00)	($6,268.70)	($6,291.30)
01/29/08	Bot Feb9 Futrues			2	$9.085	$7.449	($32,720.00)	($16,330.55)	($16,389.45)
02/27/08	Bot Feb9 Futrues			1	$10.325	$7.449	($28,760.00)	($14,354.12)	($14,405.88)
03/27/08	Bot Feb9 Futrues			1	$10.720	$7.449	($32,710.00)	($16,325.56)	($16,384.44)
04/28/08	Bot Feb9 Futrues			2	$12.210	$7.449	($95,220.00)	($47,524.30)	($47,695.70)
05/28/08	Bot Feb9 Futrues			1	$12.855	$7.449	($54,060.00)	($26,981.35)	($27,078.65)
06/26/08	Bot Feb9 Futrues			2	$13.820	$7.449	($127,420.00)	($63,595.32)	($63,824.68)
07/29/08	Bot Feb9 Futrues			2	$10.170	$7.449	($54,420.00)	($27,161.02)	($27,258.98)
									($252,082.93)
09/26/07	Bot Mar9 Futures			2	$8.800	$7.354	($28,920.00)	($14,315.40)	($14,604.60)

Aug-08	9.217
Sep-08	9.119
Oct-08	9.224
Nov-08	6.742
Dec-08	7.074
Jan-09	7.382
Feb-09	7.449
Mar-09	7.354
Apr-09	7.244
May-09	7.311
Jun-09	7.433
Jul-09	7.565
Aug-09	7.662
Sep-09	7.694
Oct-09	7.774

10/29/07	Bot Mar9 Futures	1	$9.020	$7.354		($16,660.00)		($8,246.70)	($8,413.30)
11/28/07	Bot Mar9 Futures	1	$8.760	$7.354		($14,060.00)		($6,959.70)	($7,100.30)
12/27/08	Bot Mar9 Futrues	2	$8.485	$7.354		($22,620.00)		($11,196.90)	($11,423.10)
01/29/08	Bot Mar9 Futrues	1	$8.875	$7.354		($15,210.00)		($7,528.95)	($7,681.05)
02/27/08	Bot Mar9 Futrues	1	$10.080	$7.354		($27,260.00)		($13,493.70)	($13,766.30)
03/27/08	Bot Mar9 Futrues	2	$10.500	$7.354		($62,920.00)		($31,145.40)	($31,774.60)
04/28/08	Bot Mar9 Futrues	1	$11.940	$7.354		($45,860.00)		($22,700.70)	($23,159.30)
05/28/08	Bot Mar9 Futrues	2	$12.590	$7.354		($104,720.00)		($51,836.40)	($52,883.60)
06/26/08	Bot Mar9 Futrues	1	$13.570	$7.354		($62,160.00)		($30,769.20)	($31,390.80)
07/29/08	Bot Mar9 Futrues	1	$10.000	$7.354		($26,460.00)		($13,097.70)	($13,362.30)
									($215,559.25)
09/26/07	Bot Apr9 Futures	2	$7.920	$7.244		($13,520.00)		($5,298.49)	($8,221.51)
10/29/07	Bot Apr9 Futures	2	$8.140	$7.244		($17,920.00)		($7,022.85)	($10,897.15)
11/28/07	Bot Apr9 Futures	2	$7.935	$7.244		($13,820.00)		($5,416.06)	($8,403.94)
12/27/08	Bot Apr9 Futrues	2	$7.840	$7.244		($11,920.00)		($4,671.45)	($7,248.55)
01/29/08	Bot Apr9 Futrues	2	$8.120	$7.244		($17,520.00)		($6,866.09)	($10,653.91)
02/27/08	Bot Apr9 Futrues	2	$8.730	$7.244		($29,720.00)		($11,647.27)	($18,072.73)
03/27/08	Bot Apr9 Futrues	2	$8.950	$7.244		($34,120.00)		($13,371.63)	($20,748.37)
04/28/08	Bot Apr9 Futrues	2	$10.070	$7.244		($56,520.00)		($22,150.19)	($34,369.81)
05/28/08	Bot Apr9 Futrues	2	$10.700	$7.244		($69,120.00)		($27,088.13)	($42,031.87)
06/26/08	Bot Apr9 Futrues	2	$11.500	$7.244		($85,120.00)		($33,358.53)	($51,761.47)
07/29/08	Bot Apr9 Futrues	2	$9.235	$7.244		($39,820.00)		($15,605.46)	($24,214.54)
									($236,623.87)
02/27/08	Bot May9 Futures	1	$8.800	$7.311		($14,890.00)		($5,754.99)	($9,135.02)
04/28/08	Bot May9 Futrues	1	$9.880	$7.311		($25,690.00)		($9,929.19)	($15,760.82)
05/28/08	Bot May9 Futrues	1	$10.550	$7.311		($32,390.00)		($12,518.74)	($19,871.27)
06/26/08	Bot May9 Futrues	1	$11.320	$7.311		($40,090.00)		($15,494.79)	($24,595.22)
07/29/08	Bot May9 Futrues	2	$9.170	$7.311		($37,180.00)		($14,370.07)	($22,809.93)
									($92,172.24)
02/27/08	Bot Oct9 Futrues	2	$9.070	$7.774		($25,920.00)		($12,034.66)	($13,120.70)
02/27/08	Bot Oct9 Futrues	2	$10.170	$7.774		($47,920.00)		($22,249.26)	($24,257.10)
05/28/08	Bot Oct9 Futrues	1	$10.840	$7.774		($30,660.00)		($14,235.44)	($15,520.09)
06/26/08	Bot Oct9 Futrues	2	$11.630	$7.774		($77,120.00)		($35,806.82)	($39,038.14)
07/29/08	Bot Oct9 Futrues	2	$9.510	$7.774		($34,720.00)		($16,120.50)	($17,575.26)
									($109,511.31)
07/31/08	*Net Futures Open Trade Equity*	143					($2,929,930.00)	($1,410,100.27)	($1,513,447.70)
07/31/08	***Total Trade Equity***				***TE***		**($1,728,201.58)**	**($809,236.06)**	**($912,583.49)**

ME NH
($1,391,800.85) ($1,451,979.15)

OPEN OPTIONS POSITIONS-Net Liquidating Value

		Hedge No.	Trade Ticket	QTY	Entry Price	7/31/2008 Price		Profit and Loss		ME	NH
07/31/08	Current Option Premium reversal								$0.00	$0.00	$0.00
	No Open Options							$0.00			
								$0.00			
07/31/08	*Net Options Liquidating Value*			0					$0.00	$0.00	$0.00
	Previous Option Premium										
				0	$0.000			$0.00			
				0	$0.000			$0.00			
07/31/08	*Net Previous Option Premium*								$0.00	$0.00	$0.00
07/31/08	***Net Liquidating Value***						***LV***		**($1,728,201.58)**	**($809,236.06)**	**($912,583.49)**

N.H.P.U.C.
Northern Utilities, Inc.

CALCULATION OF ENVIRONMENTAL RESPONSE COST RATE ADJUSTMENT

Line No.	Period	Order No.	Total Recovery Costs		Recovery Period 11/08 - 10/09	Recovery Costs This Period
	Remediation Costs					
1	Jul 01-Jun 02 (1/7th per Year)		$ 1,035,413		$ 147,916	$ 147,916
2	Jul 02-Jun 03 (1/7th per Year)		$ 223,620		$ 31,946	$ 31,946
3	Jul 03-Jun 04 (1/7th per Year)		$ 291,630		$ 41,661	$ 41,661
4	Jul 04-Jun 05 (1/7th per Year)		$ 909,099		$ 129,871	$ 129,871
5	Jul 05-Jun 06 (1/7th per Year)		$ 632,461		$ 90,352	$ 90,352
6	Jul 06-Jun 07 (1/7th per Year)		$ 186,804		$ 26,686	$ 26,686
7	Jul 07-Jun 08 (1/7th per Year)		$ 232,960		$ 33,280	$ 33,280
8	**Insurance and Third Party Expenses**					
9	Jul 07 - Jun 08		$ -		$ -	$ -
	Prior reconciliation					
10	Projected Ending balance 10/31/08					$ 136,407
11	**Total**					$ 638,119
12	Firm Sales & Firm Transportation Volumes					46,008,770
13	Grandfathered Transportation Volumes, excluding Special Contracts					15,785,410
14	Firm Sales & Transportation and Grandfathered Transporation					61,794,180
15	**ERC Recovery/Passback Rate**					$ 0.0103

ATTACHMENT A

Northern Utilities--New Hampshire Division

2008-09 RLIAP Discounted 60%

		Residential Low Income Assistance Program (RLIAP)												
		Estimate Nov-08	**Estimate Dec-08**	**Estimate Jan-09**	**Estimate Feb-09**	**Estimate Mar-09**	**Estimate Apr-09**	**Estimate May-09**	**Estimate Jun-09**	**Estimate Jul-09**	**Estimate Aug-09**	**Estimate Sep-09**	**Estimate Oct-09**	**Actual/ Projected Total-To-Date (1)**
Customer Count														
Actual / Projected No. of Customers:														Average
LIHEAP		802	802	852	882	882	932	912	892	862	832	832	832	860
Non-LIHEAP		19	19	19	19	19	19	19	19	19	19	19	19	19
Total	(2)	821	821	871	901	901	951	931	911	881	851	851	851	879
RLIAP Recoveries														
Actual / Projected														
Therm Sales-Total Firm Throughput		5,834,360	8,189,470	9,626,570	8,619,880	7,707,950	5,141,810	3,095,050	2,257,630	2,358,920	2,211,430	2,687,040	4,064,070	61,794,180
RLIAP Rate Per Therm		$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	
Total	(3)	$ 22,754	$ 31,939	$ 37,544	$ 33,618	$ 30,061	$ 20,053	$ 12,071	$ 8,805	$ 9,200	$ 8,625	$ 10,479	$ 15,850	$ 240,997
		(6)												
Program Costs														
Actual & Projected Costs														
Prior Period Over/Under		$ 27,631												$ 27,631
IT		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Admin.		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Education		$ 3,105	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,105
Interest		$ 106	$ 72	$ 32	$ 8	$ (6)	$ (3)	$ 15	$ 29	$ 34	$ 34	$ 31	$ 26	$ 377
Discounts-LIHEAP	(4)	$ 15,107	$ 20,129	$ 30,059	$ 29,672	$ 27,053	$ 24,409	$ 16,314	$ 11,223	$ 9,291	$ 8,328	$ 9,417	$ 10,089	$ 211,090
Discounts -Non-LIHEAP	(4)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Costs		$ 45,949	$ 20,202	$ 30,091	$ 29,680	$ 27,047	$ 24,406	$ 16,328	$ 11,252	$ 9,325	$ 8,361	$ 9,448	$ 10,115	$ 242,203

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
Input Data

SUPPLY SOURCE VOLUMES & GAS COSTS CON'T

Monthly Dispatch Results, MMBtu	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
Pipeline													
GSGT PNGTS Deliveries	30,839	31,867	31,867	28,782	31,867	150,616	31,944	30,915	31,944	31,944	30,915	31,944	495,444
GSGT TGP Niagra	27,008	51,885	52,812	48,806	16,334	89,550	94,709	58,407	61,557	33,652	78,207	98,345	711,272
GSGT TGP Iroquois via Chicago	31,229	52,839	39,933	25,910	64,199	59,983	68,661	66,446	68,661	68,661	66,446	68,661	681,629
AGT FT Deliveries via Chicago	35,411	9,110	21,710	29,510	7,895	78,807	104,779	106,482	110,031	110,031	104,456	110,031	828,253
AGT FT Deliveries via Gulf Coast	10,066	1,163	2,420	3,132	1	26,112	29,751	-	-	-	6,796	27,818	107,259
TGP Gulf Coast	261,277	308,765	315,646	298,077	271,660	300,463	71,267	(1)	-	-	7,910	180,171	2,015,235
GSGT PNGTS via Chicago	104,388	1,019	2,319	3,331	494,971	-	-	-	-	-	-	-	606,028
Hubline	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pipeline	500,218	456,648	466,707	437,548	886,927	705,531	401,111	262,249	272,193	244,288	294,730	516,970	5,445,120
Storage													
TGP FS Stg	12,622	37,866	100,977	50,488	37,866	-	-	-	-	-	-	-	239,819
TETCO Stg (SS1, FSS)	508	504	1,313	1,262	1,262	28	-	-	-	-	-	-	4,877
MCN Stg	-	-	-	-	-	-	-	-	-	-	-	-	-
Washington 10	370,612	774,360	880,646	843,096	219,137	-	-	-	-	-	-	-	3,087,851
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Other			-	-	-	-	-	-	-	-	-	-	-
Total Storage	383,742	812,730	982,936	894,846	258,265	28	-	-	-	-	-	-	3,332,547
Peaking													
Domac	133,481	154,225	145,696	132,258	145,480	-	-	-	-	-	-	-	711,140
LNG (includes boiloff)	1,350	3,435	14,738	9,739	1,395	1,350	1,395	1,350	1,395	1,395	1,350	1,395	40,287
Propane	-	-	-	-	-	-	-	-	-	-	-	-	-
Duke	-	-	38,916	-	-	-	-	-	-	-	-	-	38,916
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Peaking	134,831	157,660	199,350	141,997	146,875	1,350	1,395	1,350	1,395	1,395	1,350	1,395	790,343
Other - LNG Boiloff	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Other than Pipeline	518,573	970,390	1,182,286	1,036,843	405,140	1,378	1,395	1,350	1,395	1,395	1,350	1,395	4,122,890
Total Sendout	1,018,791	1,427,038	1,648,993	1,474,391	1,292,067	706,909	402,506	263,599	273,588	245,683	296,080	518,365	9,568,010
Interruptible (Incl. Above)	577	-	-	-	-	2,540	3,540	3,540	2,540	1,540	790	640	15,707
Company Use (Incl. Above)-Maine	4,090	6,319	7,588	6,294	5,328	3,254	1,595	481	252	264	741	2,437	38,643
Company Use (Incl. Above)-NH	2,136	2,965	3,405	2,944	2,609	1,822	1,218	893	846	851	963	1,506	22,158
Total (without Inter & Co Use)	1,011,988	1,417,754	1,638,000	1,465,153	1,284,130	699,293	396,153	258,685	269,950	243,028	293,586	513,782	9,491,502

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
Input Data

SUPPLY SOURCE VOLUMES & GAS COSTS CON'T

Commodity Costs, $'s	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
Pipeline													
GSGT PNGTS Deliveries	$396,609	$420,391	$426,871	$384,025	$416,301	$1,715,375	$321,851	$313,459	$326,971	$329,011	$318,739	$331,401	$5,701,004
GSGT TGP Niagra	$372,651	$732,619	$755,980	$696,133	$228,511	$1,027,000	$1,059,010	$656,671	$697,767	$383,524	$892,119	$1,127,807	$8,629,792
GSGT TGP Iroquois via Chicago	$418,590	$725,201	$556,001	$359,653	$873,432	$664,074	$747,237	$727,310	$758,029	$762,345	$738,448	$767,408	$8,097,728
AGT FT Deliveries via Chicago	$485,506	$128,839	$311,416	$421,725	$110,658	$891,209	$1,164,885	$1,190,593	$1,240,813	$1,247,827	$1,185,711	$1,256,011	$9,635,193
AGT FT Deliveries via Gulf Coast	$142,536	$16,993	$35,805	$46,167	$0	$299,687	$335,902	$0	$0	$0	$78,176	$322,323	$1,277,589
TGP Gulf Coast	$3,618,466	$4,383,187	$4,546,260	$4,275,856	$3,818,126	$3,488,601	$813,135	$0	$0	$0	$93,875	$2,116,696	$27,154,202
GSGT PNGTS via Chicago	$1,397,998	$13,968	$32,269	$46,176	$6,727,114	$0	$0	$0	$0	$0	$0	$0	$8,217,525
Hubline	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Pipeline	$6,832,356	$6,421,198	$6,664,602	$6,229,735	$12,174,142	$8,085,946	$4,442,020	$2,888,033	$3,023,580	$2,722,707	$3,307,068	$5,921,646	$68,713,033
NYMEX Price Used for Forecast	$12.670	$12.980	$13.170	$13.120	$12.860	$10.770	$10.590	$10.650	$10.740	$10.800	$10.810	$10.870	
Settled prices 06-04-2008													
NYMEX Price Used for Update	$8.363	$8.788	$9.018	$9.038	$8.878	$8.518	$8.528	$8.621	$8.728	$8.803	$8.833	$8.913	
Settled prices 08-29-2008													
Incr (Decrease) NYMEX Price	($4.307)	($4.192)	($4.152)	($4.082)	($3.982)	($2.252)	($2.062)	($2.029)	($2.012)	($1.997)	($1.977)	($1.957)	
Forecasted Pipeline Sendout Vol	500,218	456,648	466,707	437,548	886,927	705,531	401,111	262,249	272,193	244,288	294,730	516,970	5,445,120
Percentage Hedged	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pipeline Send Vol Net of Hedging	500,218	456,648	466,707	437,548	886,927	705,531	401,111	262,249	272,193	244,288	294,730	516,970	
Increase (Decrease) in Gas Costs	-$2,154,439	-$1,914,268	-$1,937,767	-$1,786,071	-$3,531,743	-$1,588,856	-$827,091	-$532,103	-$547,652	-$487,843	-$582,681	-$1,011,710	-$16,902,226
Total Updated Pipeline Costs	$4,677,917	$4,506,930	$4,726,835	$4,443,664	$8,642,399	$6,497,090	$3,614,929	$2,355,930	$2,475,928	$2,234,864	$2,724,387	$4,909,936	$51,810,807
Storage													
TGP FS Stg	$133,313	$384,260	$1,020,272	$508,846	$382,459	$507	$0	$0	$0	$0	$0	$0	$2,429,657
TETCO Stg (SS1, FSS)	$4,390	$4,430	$11,344	$10,898	$10,875	$243	$0	$0	$0	$0	$0	$0	$42,180
MCN Stg	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Washington 10	$4,117,378	$8,365,407	$9,506,870	$9,107,119	$2,379,296	$7,743	$0	$0	$0	$0	$0	$0	$33,483,813
Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Storage	$4,255,081	$8,754,097	$10,538,486	$9,626,863	$2,772,630	$8,493	$0	$0	$0	$0	$0	$0	$35,955,650
Peaking													
Domac	$788,810	$911,400	$911,400	$823,200	$867,920	$7,940	$8,200	$7,940	$8,200	$8,200	$7,940	$88,240	$4,439,390
LNG	$86,585	$62,577	$60,256	$33,986	$34,804	$29,530	$0	$0	$0	$0	$0	$0	$307,738
Propane	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Duke	$0	$0	$593,330	$0	$0	$0	$0	$0	$0	$0	$0	$0	$593,330
Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Peaking	$875,395	$973,977	$1,564,986	$857,186	$902,724	$37,470	$8,200	$7,940	$8,200	$8,200	$7,940	$88,240	$5,340,458
Other - LNG Boiloff	$12,150	$12,555	$12,555	$11,340	$12,555	$12,150	$12,555	$12,150	$12,555	$12,555	$12,150	$12,555	$147,825
Total Other than Pipeline	$5,142,626	$9,740,629	$12,116,027	$10,495,389	$3,687,909	$58,113	$20,755	$20,090	$20,755	$20,755	$20,090	$100,795	$41,443,933
Total Supply Costs Updated for NYM	$9,820,543	$14,247,559	$16,842,862	$14,939,053	$12,330,308	$6,555,203	$3,635,684	$2,376,020	$2,496,683	$2,255,619	$2,744,477	$5,010,731	$93,254,740
Total Interruptible Incl Above	$4,593	$0	$0	$0	$0	$21,895	$30,656	$31,789	$23,368	$14,676	$7,521	$6,035	$140,533
											SUPPLY INDEXED COST		**$9.8103**

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
Input Data

SUPPLY SOURCE VOLUMES & GAS COSTS CON'T

Monthly Dispatch Results, MMBtu

	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
Pipeline													
GSGT PNGTS Deliveries	30,839	31,867	31,867	28,782	31,867	150,616	31,944	30,915	31,944	31,944	30,915	31,944	495,444
GSGT TGP Niagra	19,094	51,422	52,348	48,314	15,278	89,550	94,709	16,947	18,715	-	55,201	92,542	554,120
GSGT TGP Iroquois via Chicago	22,149	54,957	43,167	25,528	55,503	59,983	68,661	66,446	68,661	68,661	66,446	68,661	668,823
AGT FT Deliveries via Chicago	35,411	7,037	18,558	29,885	6,502	78,807	104,779	106,482	110,031	100,841	91,538	103,557	793,428
AGT FT Deliveries via Gulf Coast	2,423	-	1,163	116	-	26,080	29,751	-	-	-	2,489	23,314	85,336
TGP Gulf Coast	257,781	307,847	314,727	287,942	268,480	259,002	28,425	(1)	-	-	6,679	154,112	1,884,994
GSGT PNGTS via Chicago	0	331	1,325	3,313	455,014	-	-	-	-	-	-	-	459,983
PNGTS IN KIND TRANSFER	41,460	42,842	42,842	38,696	42,842	41,460	42,842	41,460	42,842	42,842	41,460	42,842	504,430
Total Pipeline	409,157	496,303	505,997	462,576	875,486	705,498	401,111	262,249	272,193	244,288	294,728	516,972	5,446,558
Storage													
TGP FS Stg	12,623	37,866	100,977	50,488	37,866	-	-	-	-	-	-	-	239,820
TETCO Stg (SS1, FSS)	508	504	1,313	1,262	1,226	60	-	-	-	-	-	-	4,873
MCN Stg	-	-	-	-	-	-	-	-	-	-	-	-	-
Washington 10	469,075	734,924	839,925	820,672	223,256	-	-	-	-	-	-	-	3,087,852
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Other			-	-	-	-	-	-	-	-	-	-	-
Total Storage	482,206	773,294	942,215	872,422	262,348	60	-	-	-	-	-	-	3,332,545
Peaking													
Domac	126,124	154,225	150,017	130,206	152,837	-	-	-	-	-	-	-	713,409
LNG (includes boiloff)	1,350	3,216	13,231	9,185	1,395	1,350	1,395	1,350	1,395	1,395	1,350	1,395	38,007
Propane	-	-	-	-	-	-	-	-	-	-	-	-	-
Duke	-	-	37,534	-	-	-	-	-	-	-	-	-	37,534
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Peaking	127,474	157,441	200,782	139,391	154,232	1,350	1,395	1,350	1,395	1,395	1,350	1,395	788,950
Other - LNG Boiloff	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Other than Pipeline	609,680	930,735	1,142,997	1,011,813	416,580	1,410	1,395	1,350	1,395	1,395	1,350	1,395	4,121,495
Total Sendout	1,018,837	1,427,038	1,648,994	1,474,389	1,292,066	706,908	402,506	263,599	273,588	245,683	296,078	518,367	9,568,053
Interruptible (Incl. Above)	619	-	-	-	-	2,540	3,540	3,540	2,540	1,540	790	640	15,749
Company Use (Incl. Above)-Maine	4,090	6,319	7,588	6,294	5,328	3,254	1,595	481	252	264	741	2,437	38,643
Company Use (Incl. Above)-NH	2,136	2,965	3,405	2,944	2,609	1,822	1,218	893	846	851	963	1,506	22,158
Total (without Inter & Co Use)	1,011,992	1,417,754	1,638,001	1,465,151	1,284,129	699,292	396,153	258,685	269,950	243,028	293,584	513,784	9,491,503

Northern Utilities
Simplified Market Based Allocator (MBA) Calculations
Input Data

SUPPLY SOURCE VOLUMES & GAS COSTS CON'T

Commodity Costs, $'s	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
Pipeline													
GSGT PNGTS Deliveries	$396,609	$420,391	$426,871	$384,025	$416,301	$1,715,375	$321,851	$313,459	$326,971	$329,011	$318,739	$331,401	$5,701,004
GSGT TGP Niagra	$263,396	$726,078	$749,359	$689,122	$213,739	$1,027,000	$1,059,010	$190,542	$212,136	$0	$629,685	$1,061,277	$6,821,344
GSGT TGP Iroquois via Chicago	$296,978	$754,320	$600,928	$354,269	$754,870	$664,057	$747,219	$727,293	$758,012	$762,326	$738,426	$767,390	$7,926,088
AGT FT Deliveries via Chicago	$485,491	$99,523	$266,225	$427,120	$91,123	$891,209	$1,164,885	$1,190,593	$1,240,813	$1,143,601	$1,039,072	$1,182,096	$9,221,751
AGT FT Deliveries via Gulf Coast	$34,199	$0	$17,224	$1,692	$0	$299,564	$336,174	$0	$0	$0	$28,700	$270,318	$987,871
TGP Gulf Coast	$3,569,820	$4,370,155	$4,532,998	$4,131,057	$3,773,510	$3,004,462	$327,474	$0	$0	$0	$79,273	$1,805,726	$25,594,475
GSGT PNGTS via Chicago	$0	$4,534	$18,441	$45,923	$6,184,069	$0	$0	$0	$0	$0	$0	$0	$6,252,967
PNGTS IN KIND TRANSFER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Pipeline	$5,046,493	$6,375,001	$6,612,046	$6,033,208	$11,433,612	$7,601,667	$3,956,613	$2,421,887	$2,537,932	$2,234,938	$2,833,895	$5,418,208	$62,505,500
NYMEX Price Used for Forecast	$12.670	$12.980	$13.170	$13.120	$12.860	$10.770	$10.590	$10.650	$10.740	$10.800	$10.810	$10.870	
Settled prices 06-04-2008													
NYMEX Price Used for Update	$6.742	$7.074	$7.382	$7.449	$7.354	$7.244	$7.311	$7.433	$7.565	$7.662	$7.694	$7.774	
Settled prices 10-08-2008													
Incr (Decrease) NYMEX Price	($5.928)	($5.906)	($5.788)	($5.671)	($5.506)	($3.526)	($3.279)	($3.217)	($3.175)	($3.138)	($3.116)	($3.096)	
Forecasted Pipeline Sendout Vol	409,157	496,303	505,997	462,576	875,486	705,498	401,111	262,249	272,193	244,288	294,728	516,972	5,446,558
Percentage Hedged	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pipeline Send Vol Net of Hedging	409,157	496,303	505,997	462,576	875,486	705,498	401,111	262,249	272,193	244,288	294,728	516,972	
Increase (Decrease) in Gas Costs	-$2,425,483	-$2,931,166	-$2,928,711	-$2,623,268	-$4,820,426	-$2,487,586	-$1,315,243	-$843,655	-$864,213	-$766,576	-$918,372	-$1,600,545	-$24,525,243
Total Updated Pipeline Costs	$2,621,010	$3,443,835	$3,683,335	$3,409,940	$6,613,186	$5,114,081	$2,641,370	$1,578,232	$1,673,719	$1,468,362	$1,915,523	$3,817,663	$37,980,257
Storage													
TGP FS Stg	$136,243	$393,406	$1,044,333	$520,895	$391,544	$364	$0	$0	$0	$0	$0	$0	$2,486,785
TETCO Stg (SS1, FSS)	$4,362	$4,351	$11,149	$10,711	$10,689	$214	$0	$0	$0	$0	$0	$0	$41,476
MCN Stg	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Washington 10	$4,054,253	$8,034,365	$9,130,485	$8,747,728	$2,286,430	$7,778	$0	$0	$0	$0	$0	$0	$32,261,039
Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Storage	$4,194,858	$8,432,122	$10,185,967	$9,279,334	$2,688,663	$8,356	$0	$0	$0	$0	$0	$0	$34,789,300
Peaking													
Domac	$1,100,260	$1,345,400	$1,345,400	$1,215,200	$1,345,400	$11,720	$12,110	$11,720	$12,110	$12,110	$11,720	$130,270	$6,553,420
LNG	$111,776	$80,210	$12,098	$32,288	$24,787	$21,309	$0	$0	$0	$0	$0	$0	$282,468
Propane	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Duke	$0	$0	$572,260	$0	$0	$0	$0	$0	$0	$0	$0	$0	$572,260
Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Peaking	$1,212,036	$1,425,610	$1,929,758	$1,247,488	$1,370,187	$33,029	$12,110	$11,720	$12,110	$12,110	$11,720	$130,270	$7,408,148
Other - LNG Boiloff	$12,150	$12,555	$12,555	$11,340	$12,555	$12,150	$12,555	$12,150	$12,555	$12,555	$12,150	$12,555	$147,825
Total Other than Pipeline	$5,419,044	$9,870,287	$12,128,280	$10,538,162	$4,071,405	$53,535	$24,665	$23,870	$24,665	$24,665	$23,870	$142,825	$42,345,273
Total Supply Costs Updated for NYM	$8,040,055	$13,314,122	$15,811,615	$13,948,102	$10,684,591	$5,167,616	$2,666,035	$1,602,102	$1,698,384	$1,493,027	$1,939,393	$3,960,488	$80,325,529
Total Interruptible Incl Above	$4,593	$0	$0	$0	$0	$21,895	$30,656	$31,789	$23,368	$14,676	$7,521	$6,035	$140,533
											SUPPLY INDEXED COST		**$8.4481**

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PNGTS/GSGT Gas Supplies

Alberta Longhaul Path

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NYMEX	$12.6700	$12.9800	$13.1700	$13.1200	$12.8600	$10.7700	
Alberta Differential	($0.7500)	($0.7500)	($0.7500)	($0.7500)	($0.7500)	($1.2500)	
Alberta Rate	$11.9200	$12.2300	$12.4200	$12.3700	$12.1100	$9.5200	
TCPL Commodity Rate	$0.1010	$0.1010	$0.1010	$0.1010	$0.1010	$0.1010	78
PNGTS Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	84
Granite Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	81
Alberta Volumes	33,000	34,100	34,100	30,800	34,100	33,000	
Supply Cost	$393,360	$417,043	$423,522	$380,996	$412,951	$314,160	
TCPL LH Volumes	30,994	32,027	32,027	28,927	32,027	31,070	
TCPL Cost	$3,130	$3,235	$3,235	$2,922	$3,235	$3,138	
PNGTS Volumes	30,994	32,027	32,027	28,927	32,027	31,070	
PNGTS Cost	$59	$61	$61	$55	$61	$59	
Granite Volumes	30,839	31,867	31,867	28,782	31,867	30,915	
Granite Cost	$59	$61	$61	$55	$61	$59	
Total Cost	$396,608	$420,399	$426,878	$384,027	$416,307	$317,416	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	($182,814)	($188,206)	($184,445)	($163,225)	($175,459)	($109,005)	
Revised Path Cost	$213,794	$232,193	$242,433	$220,802	$240,848	$208,411	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$101,894	$113,775	$121,410	$110,600	$121,628	$126,735	

East Hereford PNGTS Path

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Source Page
E. Hereford Differential	$0.8500	$0.8500	$0.8500	$0.8500	$0.8500	$0.5500	
E. Hereford Rate	$13.5200	$13.8300	$14.0200	$13.9700	$13.7100	$11.3200	
PNGTS IT Rate	$0.3000	$0.3000	$0.3000	$0.3000	$0.3000	$0.3000	NA
Granite Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	81
E Herford Volumes	0	0	0	0	0	120,203	
E. Hereford Cost	$0	$0	$0	$0	$0	$1,360,698	
PNGTS Volumes	0	0	0	0	0	120,203	
PNGTS Cost	$0.00	$0.00	$0.00	$0.00	$0.00	$36,060.90	
Granite Volumes	0	0	0	0	0	119,701	
Granite Cost	$0.00	$0.00	$0.00	$0.00	$0.00	$227.43	
Total Cost	$0	$0	$0	$0	$0	$1,396,986	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	$0	$0	$0	$0	$0	($422,066)	
Revised Path Cost	$0	$0	$0	$0	$0	$974,921	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$0	$0	$0	$0	$0	$592,849	
Subtotal	**$101,894**	**$113,775**	**$121,410**	**$110,600**	**$121,628**	**$719,584**	
Rounding Adjustment	$23,839	$26,745	$26,106	$22,908	$24,531	$117,238	
Total PNGTS Path Costs	**$125,733**	**$140,520**	**$147,516**	**$133,508**	**$146,159**	**$836,822**	

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Niagara Supplies							
Boundary Path							
NYMEX	$12.67	$12.98	$13.17	$13.12	$12.86	$10.77	
Niagara Differential	$0.70	$0.70	$0.70	$0.70	$0.70	$0.35	
Niagara Rate	$13.37	$13.68	$13.87	$13.82	$13.56	$11.12	
Tennessee Rate	$0.0784	$0.0784	$0.0784	$0.0784	$0.0784	$0.0784	87
Granite Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	81
Boundary Volumes	0	36,968	36,968	33,390	0	71,378	
Boundary Cost	$0	$505,722	$512,746	$461,450	$0	$793,723	
Tennessee Volumes	0	36,195	36,195	32,692	0	70,050	
Tennessee Cost	$0	$2,838	$2,838	$2,563	$0	$5,492	
GSGT Volumes	0	36,014	36,014	32,529	0	69,700	
GSGT	$0	$68	$68	$62	$0	$132	
Total	$0	$508,628	$515,652	$464,075	$0	$799,348	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	$0	($212,699)	($208,449)	($184,469)	$0	($245,761)	
Revised Path Cost	$0	$295,930	$307,203	$279,605	$0	$553,586	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$0	$145,005	$153,847	$140,054	$0	$336,636	
Niagara Path							
Supply At Niagara Volumes	19,586	15,805	16,755	16,697	15,679	20,328	
Niagara Cost	$261,865	$216,212	$232,392	$230,753	$212,607	$226,047	
Tennessee Volumes	19,190	15,485	16,416	16,359	15,362	19,950	
Tennessee Cost	$1,504	$1,214	$1,287	$1,283	$1,204	$1,564	
GSGT Volumes	19,094	15,408	16,334	16,277	15,285	19,850	
GSGT	$36	$29	$31	$31	$29	$38	
Total	$263,406	$217,456	$233,710	$232,066	$213,841	$227,649	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	($113,190)	($90,997)	($94,541)	($92,308)	($84,160)	($69,992)	
Revised Path Cost	$150,216	$126,459	$139,169	$139,758	$129,680	$157,657	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$71,593	$61,965	$69,696	$70,005	$65,489	$95,871	
Subtotal	**$71,593**	**$206,970**	**$223,543**	**$210,059**	**$65,489**	**$432,507**	
Rounding Adjustment	$50,585	$45,413	$45,241	$38,842	$17,068	$69,356	
Total Niagara Path Costs	**$122,178**	**$252,383**	**$268,784**	**$248,901**	**$82,557**	**$501,863**	
Chicago Paths							
Total Chicago	60,920	65,100	65,100	58,800	65,100	146,578	
Total Vector	60,311	64,449	64,449	58,212	64,449	145,112	
Total TCPL	59,370	63,444	63,444	57,304	63,444	142,848	
Total Iroquois	59,073	63,126	63,126	57,017	63,126	142,134	
Percent AGT	61.91%	11.61%	30.62%	54.56%	10.73%	57.13%	

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Percent TGP	38.09%	88.39%	69.38%	45.44%	89.27%	42.87%	
Algonquin via Chicago Path							
NYMEX	$12.67	$12.98	$13.17	$13.12	$12.86	$10.77	
Chicago Differential	$0.10	$0.10	$0.10	$0.10	$0.10	($0.23)	
Chicago Rate	$12.77	$13.08	$13.27	$13.22	$12.96	$10.54	
Vector Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	100
TransCanada Rate	$0.0179	$0.0179	$0.0179	$0.0179	$0.0179	$0.0179	78
Iroquois Rate	$0.0054	$0.0054	$0.0054	$0.0054	$0.0054	$0.0054	82
Tennessee Rate TGP Path	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	89
Tennessee Rate AGT Path	$0.0784	$0.0784	$0.0784	$0.0784	$0.0784	$0.0784	87
Algonquin Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	79
Granite Rate	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	81
Chicago Volumes	37,715	7,557	19,931	32,080	6,983	83,738	
Chicago Cost	$481,621	$98,846	$264,484	$424,098	$90,500	$882,599	
Vector Volumes	37,338	7,481	19,732	31,759	6,913	82,901	
Vector Cost	$71	$14	$37	$60	$13	$158	
TransCanada Volumes	36,755	7,365	19,424	31,264	6,806	81,608	
TransCanada Cost	$658	$132	$348	$560	$122	$1,461	
Iroquois Volumes	36,571	7,327	19,326	31,107	6,771	81,200	
Iroquois Cost	$197	$40	$104	$168	$37	$438	
Tennessee Volumes	35,807	7,174	18,922	30,458	6,630	79,690	
Tennessee Cost	$2,807	$562	$1,483	$2,388	$520	$6,248	
Algonquin Volumes	35,589	7,079	18,672	30,056	6,542	79,203	
Algonquin Cost	$170	$200	$210	$210	$200	$180	
Granite Volumes	35,411	7,044	18,579	29,906	6,509	78,807	
Granite Cost	$67	$13	$35	$57	$12	$150	
Subtotal	**$485,591**	**$99,807**	**$266,703**	**$427,540**	**$91,403**	**$891,233**	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	($209,917)	($41,600)	($107,533)	($169,595)	($35,840)	($277,873)	
Revised Path Cost	$275,675	$58,207	$159,170	$257,945	$55,563	$613,359	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$131,387	$28,522	$79,712	$129,205	$28,059	$372,984	
Rounding Adjustment	$27,333	$15,892	$31,104	$21,699	$11,950	$61,019	
Total Algonquin Path Cost	**$158,720**	**$44,414**	**$110,816**	**$150,904**	**$40,009**	**$434,003**	
Tennessee Via Chicago Path							
Chicago Volumes	23,205	57,543	45,169	26,720	58,117	62,840	
Chicago Cost	$296,328	$752,662	$599,393	$353,238	$753,196	$662,334	
Vector Volumes	22,973	56,968	44,717	26,453	57,536	62,211	
Vector Cost	$44	$108	$85	$50	$109	$118	
TransCanada Volume	22,615	56,079	44,020	26,040	56,638	61,240	
TransCanada Cost	$405	$1,004	$788	$466	$1,014	$1,096	
Iroquois Volumes	22,502	55,799	43,800	25,910	56,355	60,934	
Iroquois Cost	$122	$301	$237	$140	$304	$329	
Tennessee Volume	22,260	55,226	43,362	25,635	55,775	60,284	
Tennessee Cost	$42	$105	$82	$49	$106	$115	
Granite Volumes	22,149	54,950	43,145	25,507	55,496	59,983	
Granite Cost	$42	$106	$106	$106	$106	$106	
Subtotal	**$296,982**	**$754,287**	**$600,691**	**$354,050**	**$754,836**	**$664,098**	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	

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Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	($131,297)	($324,534)	($249,724)	($144,649)	($305,562)	($211,499)	
Revised Path Cost	$165,685	$429,753	$350,966	$209,401	$449,274	$452,599	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$78,965	$210,579	$175,764	$104,889	$226,884	$275,226	
Rounding Adjustment	$56,445	$36,210	$19,649	$22,284	$85,119	$46,440	
Total Tennessee Path Cost	**$135,410**	**$246,789**	**$195,413**	**$127,173**	**$312,003**	**$321,666**	
Tennessee Paths							
NYMEX	$12.67	$12.98	$13.17	$13.12	$12.86	$10.77	
Zone 0 Differential	($0.35)	($0.35)	($0.35)	($0.35)	($0.35)	($0.30)	
Zone 0 Rate	$12.32	$12.63	$12.82	$12.77	$12.51	$10.47	
Tennessee 0-6 Rate	$0.1627	$0.1627	$0.1627	$0.1627	$0.1627	$0.1627	87
Zone 1 Differential	($0.0500)	($0.0500)	($0.0500)	($0.0500)	($0.0500)	($0.0700)	
Zone 1 Rate	$12.6200	$12.9300	$13.1200	$13.0700	$12.8100	$10.7000	
Tennessee 1-6 Rate	$0.1522	$0.1522	$0.1522	$0.1522	$0.1522	$0.1522	87
Granite State	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	81
Tennessee 1-6 IT Rate	$0.6903	$0.6903	$0.6903	$0.6903	$0.6903	$0.7000	NA
Tennessee 1-6 Fuel	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	81
Tennessee Zone 0 FT Path							
Spot Zone 0 Purchase	100,880	104,785	108,615	101,894	106,868	149,222	
Percentage Flow To Market	0	100	0	0	0	0	
TGP Z0 INJST	0	0	0	0	0	54,410	
TGP 0-6 Transp	100,880	104,785	108,615	101,894	106,868	149,222	
Percentage Flow To Market	100.00%	100.00%	100.00%	100.00%	100.00%	73.28%	
Spot Zone 0 Volume	0	0	0	0	0	149,222	
Spot Zone 0 Cost	$1,242,842	$1,323,435	$1,392,444	$1,301,186	$1,336,919	$1,562,354	
TGP Volumes	92,093	95,658	99,155	93,019	97,560	138,150	
TGP Cost	$14,984	$15,564	$16,133	$15,134	$15,873	$22,477	
GSGT Volumes	91,633	95,527	98,734	99,071	98,590	137,459	
GSGT Cost	$174	$182	$188	$188	$187	$261	
Total	$1,257,999	$1,339,180	$1,408,764	$1,316,509	$1,352,979	$1,585,093	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	($543,200)	($564,182)	($571,472)	($561,832)	($542,837)	($484,680)	
Revised Path Cost	$714,799	$774,997	$837,292	$754,677	$810,142	$1,100,412	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$340,673	$379,749	$419,316	$378,018	$409,122	$669,161	
Spot Zone 1 Purchase	181,217	231,875	235,585	213,060	186,891	130,952	
TGP Z1 INJST	0	0	0	0	0	0	
TGP 1-6 Transp	167,046	213,742	217,162	196,399	172,276	122,218	
Percentage Flow To Market	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
Spot Zone 1 Volume	181,217	231,875	235,585	213,060	186,891	130,952	
Spot Zone 1 Cost	$2,286,959	$2,998,144	$3,090,875	$2,784,694	$2,394,074	$1,401,186	
TGP Volumes	167,046	213,742	217,162	196,399	172,276	122,218	
TGP Cost	$25,424	$32,532	$33,052	$29,892	$26,220	$18,602	
GSGT Volumes	166,211	212,673	216,076	195,417	171,415	121,607	
GSGT Cost	$316	$404	$411	$371	$326	$231	

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Total	$2,312,699	$3,031,079	$3,124,338	$2,814,957	$2,420,620	$1,420,019	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	($985,297)	($1,256,048)	($1,250,649)	($1,108,210)	($943,809)	($428,786)	
Revised Path Cost	$1,327,401	$1,775,031	$1,873,689	$1,706,748	$1,476,811	$991,233	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$632,639	$869,765	$938,343	$854,910	$745,790	$602,769	
Spot Zone 1 IT Path							
Spot Zone IT 1 Volume	0	0	0	0	0	155	
Spot Zone 0 Cost	$0	$0	$0	$0	$0	$1,659	
TGP Volumes	0	0	0	0	0	145	
TGP Cost	$0	$0	$0	$0	$0	$102	
GSGT Volumes	0	0	0	0	0	144	
GSGT Cost	$0	$0	$0	$0	$0	$0	
Total	$0	$0	$0	$0	$0	$1,760	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	
Revised Path Adjustment	$0	$0	$0	$0	$0	($509)	
Revised Path Cost	$0	$0	$0	$0	$0	$1,252	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$0	$0	$0	$0	$0	$761	
Subtotal	**$973,313**	**$1,249,514**	**$1,357,659**	**$1,232,928**	**$1,154,911**	**$1,272,690**	
Rounding Adjustment	$215,043	$263,871	$262,792	$299,379	$227,041	$437,185	
Total Gulf Coast	**$1,188,356**	**$1,513,385**	**$1,620,451**	**$1,532,307**	**$1,381,952**	**$1,709,875**	
Texas Eastern Path							
NYMEX	$12.67	$12.98	$13.17	$13.12	$12.86	$10.77	
Tetco Differential	$1.00	$1.00	$1.00	$1.00	$1.00	$0.32	
Tetco Rate	$13.67	$13.98	$14.17	$14.12	$13.86	$11.09	
TETCO Commodity	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	92
AGT Commodity	$0.0131	$0.0131	$0.0131	$0.0131	$0.0131	$0.0131	79
Granite Commodity	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	$0.0019	81
Tetco Spot Purchases	1,325	0	858	0	0	20,782	
Tetco Spot Cost	$18,113	$0	$12,165	$0	$0	$230,478	
TETCO Transport Volumes	1,292	0	836	0	0	20,265	
Tetco Transpor Cost	$16	$0	$10	$0	$0	$247	
AGT AFT-1 Volumes	1,284	0	825	0	0	20,141	
AGT AFT-1 Cost	$17	$0	$11	$0	$0	$264	
Granite Volumes	1,278	0	821	0	0	20,040	
Granite Cost	$2	$0	$2	$0	$0	$38	
Total	$18,148	$0	$12,187	$0	$0	$231,027	
Updated NYMEX	$6.7420	$7.0740	$7.3820	$7.4490	$7.3540	$7.2440	
Difference	($5.9280)	($5.9060)	($5.7880)	($5.6710)	($5.5060)	($3.5260)	

Northern Utilities Inc.
Normal Year
2008/2009 Summer CGA

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Source Page
Revised Path Adjustment	($7,576)	$0	($4,752)	$0	$0	($70,661)	
Revised Path Cost	$10,572	$0	$7,435	$0	$0	$160,366	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$5,038	$0	$3,724	$0	$0	$97,518	
Rounding Adjustment	$42,237	$5,937	$9,165	$16,721	$0	$48,956	
Total Texas Eastern	**$47,275**	**$5,937**	**$12,889**	**$16,721**	**$0**	**$146,474**	
PEAKING							
Supplier 1 Volumes	126,124	154,225	149,996	130,192	152,837	0	
Supplier 1 Price	$5.91	$5.91	$5.91	$5.91	$5.91	$5.91	Contract Formula*
Supplier 1 Cost	$745,393	$911,470	$886,476	$769,435	$903,267	$0	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$355,254	$446,620	$443,947	$385,410	$456,150	$0	
Injections							
LNG Total Volumes	1,350	3,435	23,310	16,816	2,790	2,700	
LNG Price	$5.91	$5.91	$5.91	$5.91	$5.91	$5.91	
LNG Cost	$7,979	$20,301	$137,762	$99,383	$16,489	$15,957	
NH Allocation (%)	47.66%	49.00%	50.08%	50.09%	50.50%	60.81%	
NH Allocation	$3,803	$9,947	$68,991	$49,781	$8,327	$9,703	

Revised Reconciliation

FORM III
Schedule 1

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2007-08 WINTER PERIOD RECONCILIATION - Revised
November 2007 - April 2008

	AMOUNT	
Winter Period Beg. Balance	$ (2,678,727)	SCHEDULE 2
Less: Reported Collections	$ (33,489,751)	SCHEDULE 3
Less: Adjusted Bill Adjustment	$ (61,862)	SCHEDULE 2
Add: Cost of Gas Adjustments	$ 35,461,640	SCHEDULE 2
Add: Interest	$ 61,076	SCHEDULE 2
Winter Period Ending Balance	$ (707,623)	

FORM III
Schedule 2

NORTHERN UTILTIES, INC. - NEW HAMPSHIRE DIVISION
2007-08 WINTER PERIOD RECONCILIATION - Revised
SCHEDULE 2: ADJUSTMENTS TO REPORTED PEAK PERIOD ACCOUNTS
May 2007 - May 2008
Acct 191.20

WINTER PERIOD	May 2007	June	July	August	September	October	November	December	January 2008	February	March	April	May	Total
Winter Period Account Beginning Balance	$ (2,678,727)	$ (2,396,210)	$ (2,051,479)	$ (1,662,112)	$ (1,296,944)	$ (923,133)	$ (545,235)	$ 3,312,912	$ 4,191,124	$ 4,434,822	$ 4,234,253	$ 4,048,663	$ 1,265,112	$ (2,678,727)
Plus: Cost of Firm Gas (Schedule 4)	$ 281,549	$ 359,967	$ 402,089	$ 375,305	$ 381,214	$ 382,618	$ 5,297,051	$ 6,517,400	$ 7,067,273	$ 6,359,268	$ 5,998,341	$ 2,055,930	$ (16,366)	$ 35,461,640
Less: Reported Collections (Schedule 3)	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,447,526)	$ (5,658,565)	$ (6,840,667)	$ (6,572,275)	$ (6,176,992)	$ (4,832,202)	$ (1,961,524)	$(33,489,751)
Less: Adjusted Bill Adjustment							$ -	$ (3,471)	$ (7,923)	$ (9,181)	$ (26,427)	$ (18,855)	$ 3,995	$ (61,862)
Winter Period Ending Balance	$ (2,397,178)	$ (2,036,243)	$ (1,649,390)	$ (1,286,807)	$ (915,729)	$ (540,515)	$ 3,304,290	$ 4,168,275	$ 4,409,808	$ 4,212,634	$ 4,029,175	$ 1,253,535	$ (708,782)	$ (768,700)
Month's Average Balance	$ (2,537,952)	$ (2,216,226)	$ (1,850,435)	$ (1,474,459)	$ (1,106,336)	$ (731,824)	$ 1,379,527	$ 3,740,594	$ 4,300,466	$ 4,323,728	$ 4,131,714	$ 2,651,099	$ 278,165	
Interest Rate (Prime Rate)	8.25%	8.25%	8.25%	8.25%	8.03%	7.74%	7.50%	7.33%	6.98%	6.00%	5.66%	5.24%	5.00%	
Interest Applied	$ 968	$ (15,237)	$ (12,722)	$ (10,137)	$ (7,403)	$ (4,720)	$ 8,622	$ 22,849	$ 25,014	$ 21,619	$ 19,488	$ 11,576	$ 1,159	$ 61,076
Winter Period Account Ending Balance	$ (2,396,210)	$ (2,051,479)	$ (1,662,112)	$ (1,296,944)	$ (923,133)	$ (545,235)	$ 3,312,912	$ 4,191,124	$ 4,434,822	$ 4,234,253	$ 4,048,663	$ 1,265,112	$ (707,623)	$ (707,623)

Attachment A

NORTHERN UTILITIES
NEW HAMPSHIRE DIVISION
DEFERRED WINTER PERIOD WORKING CAPITAL
ALLOWANCE ON PURCHASED GAS COSTS
April 30, 2008

WINTER PERIOD - Acct 182.11

	BEGINNING BALANCE*	WKG CAP ALLOWANCE	WORKING CAP PERCENTAGE	WKG CAP COLLECTIONS	WKG CAP DEFERRED	ENDING BALANCE	AVE MONTHLY BALANCE	INTEREST RATE	INTEREST	ENDING BAL W/ INTEREST
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	J = F + I
MAY 07 (Summer)	**(2,669)**	535	0.1900%	0	535	(2,134)	(2,402)	8.25%	(17)	(2,151)
JUNE	(2,151)	684	0.1900%	0	684	(1,467)	(1,809)	8.25%	(12)	(1,479)
JULY	(1,479)	764	0.1900%	0	764	(715)	(1,097)	8.25%	(8)	(723)
AUGUST	(723)	713	0.1900%	0	713	(10)	(366)	8.25%	(3)	(12)
SEPTEMBER	(12)	724	0.1900%	0	724	712	350	8.03%	2	715
OCTOBER	715	727	0.1900%	0	727	1,442	1,078	7.74%	7	1,449
NOVEMBER	1,449	10,064	0.1900%	(2,420)	7,644	9,093	5,271	7.50%	33	9,126
DECEMBER	9,126	12,383	0.1900%	(9,446)	2,937	12,063	10,594	7.33%	65	12,127
JANUARY 2008	12,127	13,428	0.1900%	(11,416)	2,012	14,139	13,133	6.98%	76	14,216
FEBRUARY	14,216	12,083	0.1900%	(10,959)	1,124	15,340	14,778	6.00%	74	15,414
MARCH	15,414	11,397	0.1900%	(10,303)	1,094	16,507	15,960	5.66%	75	16,583
APRIL	16,583	3,906	0.1900%	(7,653)	(3,747)	12,836	14,709	5.24%	64	12,900
MAY 08 (Winter)	12,900	(31)	0.1900%	(2,762)	(2,794)	10,106	11,503	5.00%	48	10,154

***Beginning Balance for May 2007 (Summer) approved in DG07-033, get from tariff pg 39**
**** Working Capital Allowance Calculated by taking Eligible Gas Costs from Sch 4 and multiplying by Working Capital Percentage**

Attachment B

NORTHERN UTILITIES, INC
NEW HAMPSHIRE DIVISION
BAD DEBT EXPENSE
CALCULATION OF COLLECTION ALLOWANCE
April 30, 2008

WINTER PERIOD - Acct 182.16

	BEG. BAL*	BAD DEBT ALLOWANCE	% ALLOWED BAD DEBT	BAD DEBT COLLECTION	DEFERRED BALANCE	ENDING BALANCE	AVE MO BALANCE	INTEREST RATE	INTEREST	END BAL W/ INTEREST
	A	B = Allowed Gas Cost * C	C	(D)	E = B + (D)	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	J = F + I
MAY 07 (Summer)	(1,552)	1,269	0.45%	0	1,269	(283)	(917)	8.25%	(6)	(289)
JUNE	(289)	1,623	0.45%	0	1,623	1,334	523	8.25%	4	1,338
JULY	1,338	1,813	0.45%	0	1,813	3,150	2,244	8.25%	15	3,166
AUGUST	3,166	1,692	0.45%	0	1,692	4,858	4,012	8.25%	28	4,886
SEPTEMBER	4,886	1,719	0.45%	0	1,719	6,604	5,745	8.03%	38	6,643
OCTOBER	6,643	1,725	0.45%	0	1,725	8,368	7,505	7.74%	48	8,416
NOVEMBER	8,416	23,882	0.45%	(6,050)	17,832	26,248	17,332	7.50%	108	26,356
DECEMBER	26,356	29,384	0.45%	(23,615)	5,769	32,125	29,241	7.33%	179	32,304
JANUARY 2008	32,304	31,863	0.45%	(28,540)	3,324	35,627	33,965	6.98%	198	35,825
FEBRUARY	35,825	28,671	0.45%	(27,397)	1,274	37,099	36,462	6.00%	182	37,281
MARCH	37,281	27,044	0.45%	(25,758)	1,286	38,567	37,924	5.66%	179	38,746
APRIL	38,746	9,269	0.45%	(19,133)	(9,864)	28,883	33,815	5.24%	148	29,030
MAY 08 (Winter)	29,030	(74)	0.45%	(6,906)	(6,980)	22,050	25,540	5.00%	106	22,157

***Beginning Balance for May 2007 approved in DG07-033, get from tariff pg 3**
****Bad Debt Allowance Calc by multiplying Bad Debt % by Gas Cost on Sch 4 and Working Capital Allowance on Attachment**