

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 1: SUMMARY OF WINTER PERIOD BALANCE
May 2013 - April 2014

	AMOUNT	
Winter Period Beg. Balance	(\$2,128,249)	SCHEDULE 2
Less: May 1, 2013 Adjustment	(\$130,002)	SCHEDULE 2
Less: Reported Collections	(\$30,066,634)	SCHEDULE 2
Add: Cost of Firm Gas Allowable	\$28,659,051	SCHEDULE 4
Add: Interest	(\$44,733)	SCHEDULE 2
Add: April 20, 2014 Adjustment	\$103,007	SCHEDULE 2
Winter Period Ending Balance	(\$3,607,559)	

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 2: ADJUSTMENTS TO REPORTED WINTER PERIOD ACCOUNTS
 May 2013 - April 2014
 Acct 191.20

	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
WINTER PERIOD													
Initial Winter Period Account Beginning Balance	\$ (2,128,249)												
Reconciliation Adjustment (1)	\$ (130,002)												
Revised Winter Period Account Beginning Balance	\$ (2,258,251)	\$ (1,641,768)	\$ (1,437,389)	\$ (1,202,790)	\$ (988,347)	\$ (779,527)	\$ (556,547)	\$ 258,088	\$ 209,661	\$ (1,688,817)	\$ (2,317,555)	\$ (3,409,624)	\$ (2,258,251)
Plus: Cost of Firm Gas (Schedule 4)	\$ 316,557	\$ 225,746	\$ 213,639	\$ 216,553	\$ 211,472	\$ 225,040	\$ 3,562,125	\$ 5,169,092	\$ 5,650,404	\$ 5,397,617	\$ 5,679,490	\$ 1,791,316	\$ 28,659,051
Less: Reported Collections (Schedule 3)	\$ 305,200	\$ (17,203)	\$ 24,530	\$ 853	\$ (261)	\$ (253)	\$ (2,747,086)	\$ (5,218,152)	\$ (7,546,882)	\$ (6,020,936)	\$ (6,763,815)	\$ (2,082,628)	\$ (30,066,634)
Winter Period Account Ending Balance	\$ (1,636,494)	\$ (1,433,225)	\$ (1,199,220)	\$ (985,384)	\$ (777,136)	\$ (554,740)	\$ 258,492	\$ 209,029	\$ (1,686,817)	\$ (2,312,137)	\$ (3,401,879)	\$ (3,700,937)	\$ (3,665,833)
Month's Average Balance	\$ (1,947,372)	\$ (1,537,497)	\$ (1,318,304)	\$ (1,094,087)	\$ (882,742)	\$ (667,134)	\$ (149,028)	\$ 233,559	\$ (738,578)	\$ (2,000,477)	\$ (2,859,717)	\$ (3,555,281)	
Interest Rate (Prime Rate)	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
Interest Applied	\$ (5,274)	\$ (4,164)	\$ (3,570)	\$ (2,963)	\$ (2,391)	\$ (1,807)	\$ (404)	\$ 633	\$ (2,000)	\$ (5,418)	\$ (7,745)	\$ (9,629)	\$ (44,733)
Reconciliation Adjustment (2)												\$ 103,007	\$ 103,007
Winter Period Account Ending Balance w/int	\$ (1,641,768)	\$ (1,437,389)	\$ (1,202,790)	\$ (988,347)	\$ (779,527)	\$ (556,547)	\$ 258,088	\$ 209,661	\$ (1,688,817)	\$ (2,317,555)	\$ (3,409,624)	\$ (3,607,559)	\$ (3,607,559)

Reconciliation Adjustment (1): \$130,002 - Final outstanding balance of Tennessee Gas Pipeline refund due customers (\$13,143.78). Transferred from Supplier Refund Account (SRA) on May 1, 2013 plus (\$116, 857.73) transferred from SRA to off-set PNGTS refund to marketers being flowed through company managed account. This adjustment is required to make sales customers whole.

Reconciliation Adjustment (2): \$103,007 - Outstanding PNGTS refund transferred from SRA because PNGTS refund due customers has been exceeded at April 30, 2014 (see Attachment F).

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS
May 2013 - April 2014

FORM III
Schedule 3

	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>Total</u>
Accrued Revenue	\$ (955,992)		\$ -	\$ -	\$ -	\$ -	\$ 1,682,974	\$ 886,729	\$ 1,108,290	\$ (728,739)	\$ 458,585	\$ (1,806,216)	\$ 645,631
Billed Revenue	\$ 650,792	\$ 17,203	\$ (24,530)	\$ (853)	\$ 261	\$ 253	\$ 1,064,112	\$ 4,331,423	\$ 6,438,593	\$ 6,749,675	\$ 6,305,230	\$ 3,888,844	\$ 29,421,003
Calendarized Revenue	\$ (305,200)	\$ 17,203	\$ (24,530)	\$ (853)	\$ 261	\$ 253	\$ 2,747,086	\$ 5,218,152	\$ 7,546,882	\$ 6,020,936	\$ 6,763,815	\$ 2,082,628	\$ 30,066,634

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2013 - April 2014

Commodity Costs:	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total Winter
Anadarko	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,518	\$ 9,049	\$ -	\$ 29,567
Cargill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,149	\$ 81,853	\$ 90,742	\$ 98,352	\$ 104,646	\$ 458,742
Chesapeake	\$ 411,523	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 96,486	\$ -	\$ -	\$ -	\$ -	\$ 508,009
DTE	\$ 145,024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,795	\$ 277,005	\$ 319,799	\$ 498,755	\$ 405,072	\$ 1,916,450
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,148,021	\$ 1,142,490	\$ 1,316,255	\$ 1,621,110	\$ 2,041,633	\$ 7,269,509
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repsol	\$ 130,762	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 193,192	\$ 632,517	\$ 2,520,403	\$ 1,147,093	\$ 668,857	\$ 5,292,823
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 247,215	\$ 966,153	\$ 674,516	\$ 359,815	\$ 357,850	\$ 2,605,549
South Jersey	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,257	\$ 92,257
Tenaska	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,413	\$ -	\$ 14,413
Tennessee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173	\$ -	\$ -	\$ 173
Subtotal - Commodity Supply	\$ 687,309	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,038,857	\$ 3,100,017	\$ 4,942,407	\$ 3,748,585	\$ 3,670,316	\$ 18,187,492
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 284	\$ 619	\$ 734	\$ 573	\$ 540	\$ 176	\$ 2,925
Portland	\$ 53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,690	\$ 93,885	\$ 72,763	\$ 22,260	\$ 19,395	\$ 241,045
Tennessee	\$ 14,353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,658	\$ 11,798	\$ 21,959	\$ 15,178	\$ 12,912	\$ 87,858
Subtotal - Commodity Transportation	\$ 14,406	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 284	\$ 44,967	\$ 106,416	\$ 95,296	\$ 37,977	\$ 32,483	\$ 331,829
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,083,176	\$ 3,255,238	\$ 5,037,301	\$ 3,786,262	\$ 3,702,760	\$ 1,185,088	\$ 19,049,825
Commodity Cost Reversals	\$ (701,842)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,083,176)	\$ (3,255,238)	\$ (5,037,301)	\$ (3,786,262)	\$ (3,702,760)	\$ (18,566,579)
Subtotal - Supply	\$ (127)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,083,460	\$ 3,255,886	\$ 4,988,497	\$ 3,786,663	\$ 3,703,061	\$ 1,185,127	\$ 19,002,567
Withdrawal - Underground Storage	\$ 127	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 425,790	\$ 1,188,552	\$ 1,648,303	\$ 1,582,547	\$ 1,059,576	\$ (306)	\$ 5,904,590
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,502	\$ (159,704)	\$ (419,680)	\$ (232,436)	\$ (107,665)	\$ 15,641	\$ (898,344)
Off System Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (407,790)	\$ (23,667)	\$ (888,877)	\$ (1,248,788)	\$ -	\$ (2,569,121)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (709)	\$ (9,309)	\$ (1,754)	\$ (50,863)	\$ 16,871	\$ (16,125)	\$ (61,889)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (166,940)	\$ (658,185)	\$ (1,247,369)	\$ (675,188)	\$ (580,713)	\$ (3,328,394)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,103	\$ 7,882	\$ 22,886	\$ 39,882	\$ 63,181	\$ 24,109	\$ 164,043
Transportation Charges	\$ 24,492	\$ (70,026)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (40,495)	\$ (46,031)	\$ 791,839	\$ 149,125	\$ 105,319	\$ 914,222
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,114	\$ 27,962	\$ (38,769)	\$ (202,366)	\$ (174,049)	\$ (48,642)	\$ (403,749)
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory Finance Charge	\$ 179	\$ 336	\$ 440	\$ 538	\$ 640	\$ 589	\$ 573	\$ 516	\$ 426	\$ 291	\$ 258	\$ 244	\$ 5,031
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ 24,798	\$ (69,690)	\$ 440	\$ 538	\$ 640	\$ 589	\$ 469,374	\$ 440,675	\$ 483,529	\$ (207,351)	\$ (916,681)	\$ (500,472)	\$ (273,611)
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (574,666)	\$ (672,983)	\$ (2,136,246)	\$ (1,923,976)	\$ (580,713)	\$ -	\$ (5,888,584)
Off System Sales Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574,666	\$ 672,983	\$ 2,136,246	\$ 1,923,976	\$ 580,713	\$ 5,888,584
Subtotal Estimates/Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (574,666)	\$ (98,317)	\$ (1,463,263)	\$ 212,270	\$ 1,343,263	\$ 580,713	\$ -
Total Commodity Costs	\$ 24,672	\$ (69,690)	\$ 440	\$ 538	\$ 640	\$ 589	\$ 1,978,168	\$ 3,598,244	\$ 4,008,762	\$ 3,791,583	\$ 4,129,643	\$ 1,265,368	\$ 18,728,957

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2013 - April 2014

FORM III
Schedule 4
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Demand Costs	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total Winter
Pipeline Reservation													
Alberta Northeast	\$ 6,538	\$ 7,313	\$ 9,872	\$ 8,535	\$ 8,412	\$ 8,974	\$ 9,080	\$ 7,710	\$ 8,458	\$ 9,148	\$ 7,647	\$ 7,775	\$ 99,462
Algonquin	\$ 15,757	\$ 15,761	\$ 15,761	\$ 15,737	\$ 15,761	\$ 15,760	\$ 15,761	\$ 16,047	\$ 16,046	\$ 16,035	\$ 16,007	\$ 16,018	\$ 190,452
DTE Energy	\$ 443,017	\$ 440,065	\$ 445,703	\$ 310,988	\$ 319,388	\$ 314,964	\$ 311,973	\$ 314,364	\$ 301,950	\$ 302,419	\$ 298,843	\$ 303,388	\$ 4,107,061
Emera	\$ 38,778	\$ 38,146	\$ 38,759	\$ 33,613	\$ 34,474	\$ 34,023	\$ 33,700	\$ 34,085	\$ 33,614	\$ 32,683	\$ 32,683	\$ 32,431	\$ 416,987
Granite State	\$ 152,716	\$ 152,716	\$ 152,716	\$ 163,170	\$ 163,170	\$ 163,170	\$ 166,124	\$ 166,124	\$ 166,124	\$ 166,124	\$ 166,124	\$ 166,124	\$ 1,944,405
Iroquois	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,472	\$ 243,117
Portland	\$ 20,541	\$ 20,541	\$ 20,541	\$ 20,541	\$ 20,541	\$ 20,541	\$ 20,541	\$ 1,212,966	\$ 1,212,966	\$ 1,212,966	\$ 1,212,966	\$ 1,212,966	\$ 6,208,621
Tennessee	\$ 179,232	\$ 179,232	\$ 179,232	\$ 179,232	\$ 179,232	\$ 175,742	\$ 175,742	\$ 178,924	\$ 178,924	\$ 178,924	\$ 178,924	\$ 178,924	\$ 2,142,264
Texas Eastern	\$ 2,479	\$ 2,479	\$ 2,479	\$ 2,479	\$ 2,457	\$ 2,457	\$ 2,457	\$ 2,502	\$ 2,502	\$ 2,502	\$ 2,502	\$ 2,506	\$ 29,806
Union	\$ (370)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (370)
Vector	\$ 83,850	\$ 83,848	\$ 83,817	\$ 83,832	\$ 83,828	\$ 83,826	\$ 83,806	\$ 122,138	\$ 122,098	\$ 122,094	\$ 122,082	\$ 122,095	\$ 1,197,315
Total Pipeline Reservation	\$ 962,646	\$ 960,211	\$ 968,989	\$ 838,236	\$ 847,373	\$ 839,567	\$ 839,293	\$ 2,075,331	\$ 2,063,153	\$ 2,063,367	\$ 2,058,254	\$ 2,062,700	\$ 16,579,120
Product Demand													
Alberta Northeast	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,700	\$ 55,113	\$ 55,113	\$ 55,113	\$ 13,700	\$ 192,739
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,086	\$ 7,086	\$ 7,086	\$ 7,086	\$ 7,086	\$ 35,430
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,860	\$ 73,222	\$ 73,222	\$ 66,136	\$ 73,222	\$ 356,662
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,440	\$ 7,440	\$ 7,440	\$ 7,440	\$ 7,440	\$ 37,202
Total Product Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,086	\$ 142,862	\$ 142,862	\$ 135,776	\$ 101,448	\$ 622,033
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,672	\$ 67,355
Texas Eastern	\$ 68	\$ 80	\$ 80	\$ 80	\$ 79	\$ 79	\$ 80	\$ 81	\$ 82	\$ 81	\$ 81	\$ 81	\$ 953
Wash 10	\$ 111,747	\$ 111,747	\$ 111,747	\$ 111,747	\$ 111,747	\$ 111,747	\$ 111,747	\$ 113,770	\$ 113,770	\$ 113,770	\$ 113,770	\$ 113,770	\$ 1,351,075
Company Managed	\$ (150,969)	\$ (99,506)	\$ (97,253)	\$ (70,783)	\$ (68,434)	\$ (69,902)	\$ (69,774)	\$ (347,938)	\$ (356,916)	\$ (356,916)	\$ (342,336)	\$ (331,404)	\$ (2,362,130)
Total Storage and Demand Reservation	\$ (33,584)	\$ 17,892	\$ 20,144	\$ 46,614	\$ 48,963	\$ 47,495	\$ 47,624	\$ (228,416)	\$ (237,393)	\$ (237,393)	\$ (222,814)	\$ (211,881)	\$ (942,747)
Demand Cost Estimates	\$ 823,162	\$ 818,945	\$ 723,414	\$ 737,562	\$ 724,273	\$ 732,639	\$ 1,797,033	\$ 1,790,417	\$ 1,831,865	\$ 1,836,171	\$ 1,781,667	\$ 727,752	\$ 14,324,900
Demand Cost Reversals	\$ (781,605)	\$ (823,162)	\$ (818,945)	\$ (723,414)	\$ (737,562)	\$ (724,273)	\$ (732,639)	\$ (1,797,033)	\$ (1,790,417)	\$ (1,831,865)	\$ (1,836,171)	\$ (1,781,667)	\$ (14,378,753)
Subtotal	\$ 41,557	\$ (4,217)	\$ (95,531)	\$ 14,148	\$ (13,289)	\$ 8,366	\$ 1,064,394	\$ (6,616)	\$ 41,448	\$ 4,306	\$ (54,504)	\$ (1,053,915)	\$ (53,853)
Total Direct Demand Costs	\$ 970,619	\$ 973,885	\$ 893,603	\$ 898,998	\$ 883,047	\$ 895,428	\$ 1,951,311	\$ 1,939,385	\$ 2,010,070	\$ 1,973,141	\$ 1,916,712	\$ 898,352	\$ 16,204,552
Indirect Demand Costs													
Amortization of PNGTS Rate Case Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,831	\$ 3,831	\$ 3,831	\$ 3,831	\$ 3,831	\$ 3,831	\$ 22,988
Capacity Release	\$ (492,818)	\$ (493,441)	\$ (493,610)	\$ (502,276)	\$ (505,019)	\$ (493,774)	\$ (494,449)	\$ (506,421)	\$ (506,982)	\$ (506,707)	\$ (505,664)	\$ (506,274)	\$ (6,007,433)
Capacity Mitigation	\$ (10,100)	\$ (10,100)	\$ (10,100)	\$ (10,100)	\$ (9,536)	\$ (9,536)	\$ (8,937)	\$ (4,549)	\$ (4,549)	\$ (4,549)	\$ (4,549)	\$ (4,056)	\$ (90,659)
Production and Storage	\$ -	\$ -	\$ 6,585	\$ 6,585	\$ 6,585	\$ 6,585	\$ 69,161	\$ 69,161	\$ 69,161	\$ 69,161	\$ 69,161	\$ 69,161	\$ 441,308
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,110	\$ 70,110	\$ 70,110	\$ 70,110	\$ 70,110	\$ 70,110	\$ 420,658
Total Indirect Demand Costs	\$ (502,917)	\$ (503,540)	\$ (497,124)	\$ (505,790)	\$ (507,970)	\$ (496,725)	\$ (360,284)	\$ (367,867)	\$ (368,429)	\$ (368,153)	\$ (367,111)	\$ (367,227)	\$ (5,213,139)
Demand Cost Estimates - Capacity Release	\$ (498,075)	\$ (497,993)	\$ (506,281)	\$ (508,483)	\$ (497,736)	\$ (496,997)	\$ (504,066)	\$ (504,736)	\$ (504,736)	\$ (503,690)	\$ (503,444)	\$ (508,621)	\$ (6,034,858)
Demand Cost Reversals - Capacity Release	\$ 497,250	\$ 498,075	\$ 497,993	\$ 506,281	\$ 508,483	\$ 497,736	\$ 496,997	\$ 504,066	\$ 504,736	\$ 504,736	\$ 503,690	\$ 503,444	\$ 6,023,487
Subtotal	\$ (825)	\$ 82	\$ (8,288)	\$ (2,202)	\$ 10,747	\$ 739	\$ (7,069)	\$ (670)	\$ -	\$ 1,046	\$ 246	\$ (5,177)	\$ (11,371)
Total Demand Costs	\$ 466,877	\$ 470,427	\$ 388,191	\$ 391,006	\$ 385,824	\$ 399,442	\$ 1,583,958	\$ 1,570,848	\$ 1,641,641	\$ 1,606,034	\$ 1,549,847	\$ 525,948	\$ 10,980,043
Demand Costs Transferred to Summer	\$ (174,991)	\$ (174,991)	\$ (174,991)	\$ (174,991)	\$ (174,991)	\$ (174,991)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,049,948)
Net Demand Costs For Winter Period	\$ 291,885	\$ 295,436	\$ 213,199	\$ 216,015	\$ 210,832	\$ 224,451	\$ 1,583,958	\$ 1,570,848	\$ 1,641,641	\$ 1,606,034	\$ 1,549,847	\$ 525,948	\$ 9,930,095
Total Gas Costs	\$ 316,557	\$ 225,746	\$ 213,639	\$ 216,553	\$ 211,472	\$ 225,040	\$ 3,562,125	\$ 5,169,092	\$ 5,650,404	\$ 5,397,617	\$ 5,679,490	\$ 1,791,316	\$ 28,659,051

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
 May 2013 - April 2014

REDACTED

Commodity Volumes:

Anadarko
 Cargill
 Chesapeake
 DTE
 Emera Energy
 Granite
 Hess
 Repsol
 Shell
 South Jersey
 Tenaska
 Tennessee
 Subtotal - Commodity Supply

Transportation Volumes

Granite
 Portland
 Tennessee
 Subtotal - Commodity Transportation

Commodity Volume Estimates
 Commodity Volume Reversals

Subtotal - Supply

Withdrawal - Underground Storage
 Withdrawal - LNG Vaporization
 ATV Reconciliation
 Off System Sales
 Net OBA Adjustment
 Company Managed
 LNG Boiloff
 Transportation Charges
 Hedging Costs
 Propane
 Prior Period Adjustment

Subtotal - Other Commodity

Off System & Company Managed Estimates
 Off System & Company Managed Reversals

Total Commodity Volumes

	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Total <u>Winter</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
 May 2013 - April 2014

REDACTED

Commodity Costs:

Anadarko
 Cargill
 Chesapeake
 DTE
 Emera Energy
 Granite
 Hess
 Repsol
 Shell
 South Jersey
 Tenaska
 Tennessee
 Subtotal - Commodity Supply

Transportation Costs:

Granite
 Portland
 Tennessee
 Subtotal - Commodity Transportation

Commodity Cost Estimates
 Commodity Cost Reversals

Subtotal - Supply

Withdrawal - Underground Storage
 Withdrawal - LNG Vaporization
 ATV Reconciliation Charges
 Off System Sales
 Net OBA Adjustment
 Company Managed
 LNG Boiloff
 Transportation Charges
 Hedging Costs
 Propane
 Prior Period Adjustments

Subtotal - Other Commodity

Off System Sales Estimates
 Off System Sales Reversals

Total Commodity Costs

	<u>May-12</u>	<u>Jun-12</u>	<u>Jul-12</u>	<u>Aug-12</u>	<u>Sep-12</u>	<u>Oct-12</u>	<u>Nov-12</u>	<u>Dec-12</u>	<u>Jan-13</u>	<u>Feb-13</u>	<u>Mar-13</u>	<u>Apr-13</u>	<u>Total Winter</u>

NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS
 May 2013 - April 2014

Commodity Costs:	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Total Winter
Anadarko	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,210	\$ 10,791	\$ -	\$ 37,001
Cargill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,270	\$ 108,370	\$ 115,913	\$ 114,508	\$ 548,346
Chesapeake	\$ 385,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,071	\$ -	\$ -	\$ -	\$ 492,301
DTE	\$ 135,758	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,502	\$ 366,744	\$ 408,507	\$ 594,766	\$ 2,249,523
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,273,965	\$ 1,512,611	\$ 1,681,365	\$ 1,933,176	\$ 8,635,155
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repsol	\$ 122,408	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 214,386	\$ 837,427	\$ 3,219,526	\$ 1,367,910	\$ 6,493,547
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 274,335	\$ 1,279,148	\$ 861,617	\$ 429,080	\$ 3,235,755
South Jersey	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,951
Tenaska	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,187	\$ -	\$ 17,187
Tennessee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 221	\$ -	\$ -	\$ 221
Subtotal - Commodity Supply	\$ 643,396	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,262,529	\$ 4,104,299	\$ 6,313,359	\$ 4,470,194	\$ 21,809,987
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315	\$ 687	\$ 937	\$ 684	\$ 591	\$ 184	\$ 3,398
Portland	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,276	\$ 124,300	\$ 92,946	\$ 26,545	\$ 21,223	\$ 301,339
Tennessee	\$ 13,436	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,937	\$ 15,620	\$ 28,051	\$ 18,099	\$ 14,129	\$ 102,272
Subtotal - Commodity Transportation	\$ 13,486	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315	\$ 49,900	\$ 140,857	\$ 121,681	\$ 45,235	\$ 35,536	\$ 407,009
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,311,710	\$ 4,309,806	\$ 6,434,576	\$ 4,515,124	\$ 4,051,711	\$ 1,241,382	\$ 22,864,309
Commodity Cost Reversals	\$ (657,001)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,311,710)	\$ (4,309,806)	\$ (6,434,576)	\$ (4,515,124)	\$ (4,051,711)	\$ (22,279,928)
Subtotal - Supply	\$ (119)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,312,025	\$ 4,310,525	\$ 6,369,926	\$ 4,515,588	\$ 4,052,016	\$ 1,241,417	\$ 22,801,377
Withdrawal - Underground Storage	\$ 119	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 472,502	\$ 1,573,596	\$ 2,105,524	\$ 1,887,219	\$ 1,159,453	\$ (314)	\$ 7,198,098
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,106	\$ (208,103)	\$ (532,856)	\$ (277,181)	\$ (117,812)	\$ 16,383	\$ (1,113,462)
Off System Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (452,526)	\$ (31,334)	\$ (1,135,438)	\$ (1,489,182)	\$ -	\$ (3,108,480)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (786)	\$ (12,324)	\$ (2,241)	\$ (60,655)	\$ 18,460	\$ (16,890)	\$ (74,436)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (338,599)	\$ (1,583,348)	\$ (1,973,036)	\$ (1,582,690)	\$ (678,826)	\$ (6,156,499)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,772	\$ 10,435	\$ 29,235	\$ 47,560	\$ 69,135	\$ 25,254	\$ 188,391
Transportation Charges	\$ 22,927	\$ (68,640)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (44,937)	\$ (60,944)	\$ 1,011,484	\$ 177,831	\$ 115,244	\$ 1,152,966
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,637	\$ 37,021	\$ (49,523)	\$ (241,322)	\$ (190,451)	\$ (50,952)	\$ (459,590)
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420	\$ 531	\$ 1,006	\$ 1,061	\$ 772	\$ 1,086	\$ 4,877
Inventory Finance Charge	\$ 176	\$ 293	\$ 412	\$ 490	\$ 554	\$ 604	\$ 636	\$ 684	\$ 544	\$ 347	\$ 282	\$ 255	\$ 5,278
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ 23,222	\$ (68,346)	\$ 412	\$ 490	\$ 554	\$ 604	\$ 521,286	\$ 565,775	\$ (123,936)	\$ (739,960)	\$ (1,954,201)	\$ (588,759)	\$ (2,362,858)
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (791,054)	\$ (1,614,681)	\$ (3,108,474)	\$ (3,071,872)	\$ (678,826)	\$ -	\$ (9,264,907)
Off System Sales Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 791,054	\$ 1,614,681	\$ 3,108,474	\$ 3,071,872	\$ 678,826	\$ -	\$ 9,264,907
Subtotal Estimates/Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (791,054)	\$ (823,627)	\$ (1,493,793)	\$ 36,602	\$ 2,393,046	\$ 678,826	\$ -
Total Commodity Costs	\$ 23,103	\$ (68,346)	\$ 412	\$ 490	\$ 554	\$ 604	\$ 2,042,257	\$ 4,052,674	\$ 4,752,197	\$ 3,812,230	\$ 4,490,862	\$ 1,331,484	\$ 20,438,519

NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS
May 2013 - April 2014

Demand Costs	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Total Winter
Pipeline Reservation													
Alberta Northeast	\$ 7,552	\$ 8,448	\$ 11,404	\$ 9,859	\$ 9,718	\$ 10,367	\$ 10,489	\$ 8,610	\$ 9,446	\$ 10,217	\$ 8,541	\$ 8,683	\$ 113,335
Algonquin	\$ 18,202	\$ 18,207	\$ 18,207	\$ 18,179	\$ 18,207	\$ 18,206	\$ 18,207	\$ 17,922	\$ 17,921	\$ 17,909	\$ 17,877	\$ 17,890	\$ 216,933
DTE Energy	\$ 511,761	\$ 508,351	\$ 514,864	\$ 359,245	\$ 368,948	\$ 363,838	\$ 360,382	\$ 351,097	\$ 337,232	\$ 337,756	\$ 333,762	\$ 338,839	\$ 4,686,077
Freepoint	\$ 44,795	\$ 44,065	\$ 44,773	\$ 38,829	\$ 39,823	\$ 39,303	\$ 38,929	\$ 38,067	\$ 37,541	\$ 36,502	\$ 36,502	\$ 36,220	\$ 475,350
Granite State	\$ 176,414	\$ 176,414	\$ 176,414	\$ 188,490	\$ 188,490	\$ 188,490	\$ 185,536	\$ 185,536	\$ 185,536	\$ 185,536	\$ 185,536	\$ 185,536	\$ 2,207,925
Iroquois	\$ 23,228	\$ 23,228	\$ 23,228	\$ 23,228	\$ 23,228	\$ 23,228	\$ 23,228	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,864	\$ 276,919
Portland	\$ 23,729	\$ 23,729	\$ 23,729	\$ 23,729	\$ 23,729	\$ 23,729	\$ 23,729	\$ 1,354,702	\$ 1,354,702	\$ 1,354,702	\$ 1,354,702	\$ 1,354,702	\$ 6,939,610
Tennessee	\$ 207,044	\$ 207,044	\$ 207,044	\$ 207,044	\$ 207,044	\$ 203,013	\$ 203,013	\$ 199,831	\$ 199,831	\$ 199,831	\$ 199,831	\$ 199,831	\$ 2,440,401
Texas Eastern	\$ 2,863	\$ 2,863	\$ 2,863	\$ 2,863	\$ 2,839	\$ 2,839	\$ 2,839	\$ 2,794	\$ 2,795	\$ 2,795	\$ 2,799	\$ 2,799	\$ 33,951
Union	\$ (427)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (427)
Vector	\$ 96,861	\$ 96,859	\$ 96,824	\$ 96,841	\$ 96,836	\$ 96,833	\$ 96,810	\$ 136,410	\$ 136,365	\$ 136,360	\$ 136,348	\$ 136,361	\$ 1,359,709
Total Pipeline Reservation	\$ 1,112,022	\$ 1,109,209	\$ 1,119,350	\$ 968,307	\$ 978,862	\$ 969,845	\$ 963,162	\$ 2,317,834	\$ 2,304,233	\$ 2,304,472	\$ 2,298,761	\$ 2,303,727	\$ 18,749,782
Product Demand													
Alberta Northeast	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,300	\$ 61,553	\$ 61,553	\$ 61,553	\$ 15,300	\$ 215,261
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,914	\$ 7,914	\$ 7,914	\$ 7,914	\$ 7,914	\$ 39,570
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79,140	\$ 81,778	\$ 81,778	\$ 73,864	\$ 81,778	\$ 398,338
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,310	\$ 8,310	\$ 8,310	\$ 8,310	\$ 8,310	\$ 41,549
Total Product Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,664	\$ 159,555	\$ 159,555	\$ 151,641	\$ 113,302	\$ 694,717
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,334	\$ 76,720
Texas Eastern	\$ 105	\$ 93	\$ 92	\$ 92	\$ 92	\$ 92	\$ 92	\$ 91	\$ 91	\$ 91	\$ 91	\$ 91	\$ 1,112
Wash 10	\$ 129,087	\$ 129,087	\$ 129,087	\$ 129,087	\$ 129,087	\$ 129,087	\$ 129,087	\$ 127,064	\$ 127,064	\$ 127,064	\$ 127,064	\$ 127,064	\$ 1,538,925
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (745,571)	\$ (739,246)	\$ (734,102)	\$ (709,699)	\$ (702,242)	\$ (3,630,860)
Total Storage and Demand Reservation	\$ 135,627	\$ 135,615	\$ 135,614	\$ 135,614	\$ 135,614	\$ 135,614	\$ 135,614	\$ (612,082)	\$ (605,757)	\$ (600,613)	\$ (576,210)	\$ (568,753)	\$ (2,014,103)
Demand Cost Estimates	\$ 1,065,841	\$ 1,058,366	\$ 917,435	\$ 931,065	\$ 917,410	\$ 927,000	\$ 1,650,040	\$ 1,659,003	\$ 1,710,437	\$ 1,723,366	\$ 1,657,741	\$ 957,249	\$ 15,174,953
Demand Cost Reversals	\$ (1,077,283)	\$ (1,065,841)	\$ (1,058,366)	\$ (917,435)	\$ (931,065)	\$ (917,410)	\$ (927,000)	\$ (1,650,040)	\$ (1,659,003)	\$ (1,710,437)	\$ (1,723,366)	\$ (1,657,741)	\$ (15,294,987)
Subtotal Estimates/Reversals	\$ (11,442)	\$ (7,475)	\$ (140,931)	\$ 13,630	\$ (13,655)	\$ 9,590	\$ 723,040	\$ 8,963	\$ 51,434	\$ 12,929	\$ (65,625)	\$ (700,492)	\$ (120,034)
Total Direct Demand Costs	\$ 1,236,207	\$ 1,237,349	\$ 1,114,033	\$ 1,117,551	\$ 1,100,820	\$ 1,115,048	\$ 1,821,816	\$ 1,825,379	\$ 1,909,465	\$ 1,876,343	\$ 1,808,567	\$ 1,147,784	\$ 17,310,363
Amortization of PNGTS Rate Case Costs													
Amortization of PNGTS Rate Case Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,063	\$ 4,769	\$ 10,152	\$ 4,282	\$ 2,856	\$ 1,025	\$ 25,147
Capacity Release	\$ (535,110)	\$ (534,769)	\$ (534,784)	\$ (542,550)	\$ (547,329)	\$ (533,092)	\$ (533,187)	\$ (524,119)	\$ (526,402)	\$ (527,783)	\$ (528,404)	\$ (528,632)	\$ (6,396,160)
Capacity Mitigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,588	\$ 73,588	\$ 135,298	\$ 135,298	\$ 135,298	\$ 135,298	\$ 688,368
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,790	\$ 52,790	\$ 61,951	\$ 61,951	\$ 61,951	\$ 61,951	\$ 353,385
Total Indirect Demand Costs	\$ (535,110)	\$ (534,769)	\$ (534,784)	\$ (542,550)	\$ (547,329)	\$ (533,092)	\$ (404,747)	\$ (392,972)	\$ (319,000)	\$ (326,251)	\$ (328,299)	\$ (330,357)	\$ (5,329,259)
Demand Cost Estimates - Capacity Release	\$ (530,231)	\$ (530,136)	\$ (539,332)	\$ (542,526)	\$ (530,112)	\$ (530,205)	\$ (521,804)	\$ (521,896)	\$ (521,896)	\$ (521,620)	\$ (521,896)	\$ (528,076)	\$ (6,339,730)
Demand Cost Reversals - Capacity Release	\$ 530,136	\$ 530,231	\$ 530,136	\$ 539,332	\$ 542,526	\$ 530,112	\$ 530,205	\$ 521,804	\$ 521,896	\$ 521,896	\$ 521,620	\$ 521,896	\$ 6,341,790
Subtotal	\$ (95)	\$ 95	\$ (9,196)	\$ (3,194)	\$ 12,414	\$ (93)	\$ 8,401	\$ (92)	\$ -	\$ 276	\$ (276)	\$ (6,180)	\$ 2,060
Total Demand Costs	\$ 701,002	\$ 702,675	\$ 570,053	\$ 571,807	\$ 565,905	\$ 581,864	\$ 1,425,470	\$ 1,432,314	\$ 1,590,465	\$ 1,550,368	\$ 1,479,992	\$ 811,247	\$ 11,983,163
Demand Costs Transferred to Summer	\$ (172,313)	\$ (172,313)	\$ (172,313)	\$ (172,313)	\$ (172,313)	\$ (172,313)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,033,876)
Net Demand Costs For Winter Period	\$ 528,690	\$ 530,362	\$ 397,741	\$ 399,495	\$ 393,593	\$ 409,551	\$ 1,425,470	\$ 1,432,314	\$ 1,590,465	\$ 1,550,368	\$ 1,479,992	\$ 811,247	\$ 10,949,287
Total Gas Costs	\$ 551,792	\$ 462,016	\$ 398,153	\$ 399,985	\$ 394,147	\$ 410,155	\$ 3,467,728	\$ 5,484,988	\$ 6,342,662	\$ 5,362,598	\$ 5,970,854	\$ 2,142,731	\$ 31,387,807

NORTHERN UTILITIES, INC. - MAINE DIVISION
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
 May 2013 - April 2014

REDACTED

Commodity Volumes:

Anadarko
 Cargill
 Chesapeake
 DTE
 Emera Energy
 Granite
 Hess
 Repsol
 Shell
 South Jersey
 Tenaska
 Tennessee
 Subtotal - Commodity Costs

Transportation Volumes

Granite
 Portland
 Tennessee
 Subtotal- Commodity Transportation

Commodity Volume Estimates
 Commodity Volume Reversals

Subtotal - Supply

Withdrawal - Underground Storage
 Withdrawal - LNG Vaporization
 ATV Reconciliation
 Off System Sales
 Net OBA Adjustment
 Company Managed
 LNG Boiloff
 Transportation Charges
 Hedging Costs
 Propane
 Prior Period Adjustment

Subtotal - Other Commodity

Off System & Company Managed Estimates
 Off System & Company Managed Reversals

Total Commodity Volumes

	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>Total Winter</u>
[REDACTED]													

REDACTED

NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
May 2013 - April 2014

Commodity Costs:

	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>Total Winter</u>
Anadarko													
Cargill													
Chesapeake													
DTE													
Emera Energy													
Granite													
Hess													
Repsol													
Shell													
South Jersey													
Tenaska													
Tennessee													
Subtotal - Commodity Supply													
Transportation Costs:													
Granite													
Portland													
Tennessee													
Subtotal - Commodity Transportation													
Commodity Cost Estimates													
Commodity Cost Reversals													
Subtotal - Supply													
Withdrawal - Underground Storage													
Withdrawal - LNG Vaporization													
ATV Reconciliation Charges													
Off System Sales													
Net OBA Adjustment													
Company Managed													
LNG Boiloff													
Transportation Charges													
Hedging Costs													
Propane													
Inventory Finance Charge													
Prior Period Adjustments													
Subtotal - Other Commodity													
Off System Sales Estimates													
Off System Sales Reversals													
Total Commodity Costs													

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2013 - April 2014

Commodity Costs:	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total Winter
Anadarko	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,728	\$ 19,840	\$ -	# \$ 66,568
Cargill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,419	\$ 190,222	\$ 206,655	\$ 215,636	\$ 219,155	# \$ 1,007,087
Chesapeake	\$ 796,753	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 203,557	\$ -	\$ -	\$ -	\$ -	# \$ 1,000,310
DTE	\$ 280,782	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 571,297	\$ 643,749	\$ 728,306	\$ 1,093,520	\$ 848,319	# \$ 4,165,973
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,421,986	\$ 2,655,101	\$ 2,997,621	\$ 3,554,286	\$ 4,275,672	# \$ 15,904,665
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	# \$ -
Hess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	# \$ -
Repsol	\$ 253,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 407,577	\$ 1,469,944	\$ 5,739,928	\$ 2,515,003	\$ 1,400,748	# \$ 11,786,371
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 521,550	\$ 2,245,301	\$ 1,536,134	\$ 788,894	\$ 749,425	# \$ 5,841,304
South Jersey	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 193,208	# \$ 193,208
Tenaska	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,600	\$ -	# \$ 31,600
Tennessee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 394	\$ -	\$ -	# \$ 394
Subtotal - Commodity Supply	\$ 1,330,705	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,301,387	\$ 7,204,317	\$ 11,255,766	\$ 8,218,780	\$ 7,686,526	# \$ 39,997,480
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 599	\$ 1,305	\$ 1,671	\$ 1,257	\$ 1,131	\$ 360	\$ 6,323
Portland	\$ 103	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,966	\$ 218,184	\$ 165,709	\$ 48,804	\$ 40,618	\$ 542,385
Tennessee	\$ 27,789	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,595	\$ 27,417	\$ 50,010	\$ 33,277	\$ 27,042	\$ 190,130
Subtotal - Commodity Transportation	\$ 27,892	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 599	\$ 94,866	\$ 247,273	\$ 216,976	\$ 83,213	\$ 68,019	\$ 738,838
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,394,886	\$ 7,565,044	\$ 11,471,877	\$ 8,301,386	\$ 7,754,471	\$ 2,426,470	\$ 41,914,134
Commodity Cost Reversals	\$ (1,358,843)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,394,886)	\$ (7,565,044)	\$ (11,471,877)	\$ (8,301,386)	\$ (7,754,471)	\$ (40,846,507)
Subtotal - Supply	\$ (246)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,395,485	\$ 7,566,411	\$ 11,358,422	\$ 8,302,251	\$ 7,755,077	\$ 2,426,544	\$ 41,803,945
Withdrawal - Underground Storage	\$ 246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 898,292	\$ 2,762,148	\$ 3,753,827	\$ 3,469,766	\$ 2,219,029	\$ (620)	\$ 13,102,689
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,609	\$ (367,808)	\$ (952,536)	\$ (509,617)	\$ (225,477)	\$ 32,024	\$ (2,011,805)
Off System Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (860,316)	\$ (55,000)	\$ (2,024,315)	\$ (2,737,970)	\$ -	\$ (5,677,602)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,495)	\$ (21,633)	\$ (3,995)	\$ (111,518)	\$ 35,331	\$ (33,015)	\$ (136,325)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (505,540)	\$ (2,241,534)	\$ (3,220,404)	\$ (2,257,877)	\$ (1,259,539)	\$ (9,484,894)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,875	\$ 18,317	\$ 52,121	\$ 87,442	\$ 132,315	\$ 49,364	\$ 352,434
Transportation Charges	\$ 47,419	\$ (138,666)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (85,432)	\$ (106,975)	\$ 1,803,323	\$ 326,956	\$ 220,564	\$ 2,067,189
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,750	\$ 64,983	\$ (88,291)	\$ (443,687)	\$ (364,500)	\$ (99,594)	\$ (863,340)
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420	\$ 531	\$ 1,006	\$ 1,061	\$ 772	\$ 1,086	\$ 4,877
Inventory Finance Charge	\$ 355	\$ 630	\$ 852	\$ 1,028	\$ 1,194	\$ 1,193	\$ 1,210	\$ 1,200	\$ 969	\$ 639	\$ 540	\$ 499	\$ 10,308
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal- Other Commodity	\$ 48,020	\$ (138,036)	\$ 852	\$ 1,028	\$ 1,194	\$ 1,193	\$ 990,660	\$ 1,006,450	\$ 359,593	\$ (947,310)	\$ (2,870,881)	\$ (1,089,231)	\$ (2,636,469)
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,365,720)	\$ (2,287,664)	\$ (5,244,720)	\$ (4,995,848)	\$ (1,259,539)	\$ -	\$ (15,153,491)
Off System Sales Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,365,720	\$ 2,287,664	\$ 5,244,720	\$ 4,995,848	\$ 1,259,539	\$ 15,153,491
Subtotal Estimates/Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (791,054)	\$ (248,961)	\$ (820,810)	\$ 2,172,848	\$ 4,317,022	\$ 1,259,539	\$ 5,888,584
Total Commodity Costs	\$ 47,774	\$ (138,036)	\$ 852	\$ 1,028	\$ 1,194	\$ 1,193	\$ 4,020,425	\$ 7,650,918	\$ 8,760,959	\$ 7,603,813	\$ 8,620,505	\$ 2,596,852	\$ 39,167,476

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
2013-2014 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2013 - April 2014

Demand Costs	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total Winter
Pipeline Reservation													
Alberta Northeast	\$ 14,090	\$ 15,762	\$ 21,276	\$ 18,394	\$ 18,130	\$ 19,341	\$ 19,569	\$ 16,320	\$ 17,903	\$ 19,365	\$ 16,188	\$ 16,458	\$ 212,797
Algonquin	\$ 33,958	\$ 33,969	\$ 33,969	\$ 33,915	\$ 33,969	\$ 33,966	\$ 33,969	\$ 33,969	\$ 33,967	\$ 33,944	\$ 33,883	\$ 33,908	\$ 407,385
DTE Energy	\$ 954,777	\$ 948,416	\$ 960,568	\$ 670,234	\$ 688,335	\$ 678,802	\$ 672,355	\$ 665,461	\$ 639,182	\$ 640,175	\$ 632,605	\$ 642,228	\$ 8,793,138
Freepoint	\$ 83,572	\$ 82,211	\$ 83,531	\$ 72,442	\$ 74,297	\$ 73,326	\$ 72,629	\$ 72,152	\$ 71,155	\$ 69,185	\$ 69,185	\$ 68,651	\$ 892,336
Granite State	\$ 329,130	\$ 329,130	\$ 329,130	\$ 351,660	\$ 351,660	\$ 351,660	\$ 351,660	\$ 351,660	\$ 351,660	\$ 351,660	\$ 351,660	\$ 351,660	\$ 4,152,330
Iroquois	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 520,036
Portland	\$ 44,270	\$ 44,270	\$ 44,270	\$ 44,270	\$ 44,270	\$ 44,270	\$ 44,270	\$ 2,567,668	\$ 2,567,668	\$ 2,567,668	\$ 2,567,668	\$ 2,567,668	\$ 13,148,231
Tennessee	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 4,582,665
Texas Eastern	\$ 5,342	\$ 5,342	\$ 5,342	\$ 5,342	\$ 5,296	\$ 5,296	\$ 5,296	\$ 5,296	\$ 5,297	\$ 5,297	\$ 5,306	\$ 5,306	\$ 63,758
Union	\$ (797)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (797)
Vector	\$ 180,711	\$ 180,707	\$ 180,641	\$ 180,673	\$ 180,664	\$ 180,659	\$ 180,616	\$ 258,549	\$ 258,463	\$ 258,454	\$ 258,430	\$ 258,456	\$ 2,557,024
Total Pipeline Reservation	\$ 2,074,667	\$ 2,069,420	\$ 2,088,339	\$ 1,806,543	\$ 1,826,234	\$ 1,809,412	\$ 1,802,456	\$ 4,393,165	\$ 4,367,387	\$ 4,367,838	\$ 4,357,015	\$ 4,366,427	\$ 35,328,902
Product Demand													
Alberta Northeast	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,000	\$ 116,667	\$ 116,667	\$ 116,667	\$ 29,000	\$ 408,000
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 155,000	\$ 155,000	\$ 140,000	\$ 155,000	\$ 755,000
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,750	\$ 15,750	\$ 15,750	\$ 15,750	\$ 15,750	\$ 78,750
Total Product Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,750	\$ 302,417	\$ 302,417	\$ 287,417	\$ 214,750	\$ 1,316,750
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 12,006	\$ 144,075
Texas Eastern	\$ 173	\$ 173	\$ 172	\$ 172	\$ 171	\$ 171	\$ 172	\$ 172	\$ 173	\$ 172	\$ 172	\$ 172	\$ 2,065
Wash 10	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 240,833	\$ 2,890,000
Company Managed	\$ (150,969)	\$ (99,506)	\$ (97,253)	\$ (70,783)	\$ (68,434)	\$ (69,902)	\$ (69,774)	\$ (1,093,510)	\$ (1,096,162)	\$ (1,091,017)	\$ (1,052,036)	\$ (1,033,645)	\$ (5,992,990)
Total Storage and Demand Reservation	\$ 102,044	\$ 153,506	\$ 155,759	\$ 182,229	\$ 184,577	\$ 183,109	\$ 183,238	\$ (840,498)	\$ (843,150)	\$ (838,006)	\$ (799,024)	\$ (780,634)	\$ (2,956,850)
Demand Cost Estimates	\$ 1,889,003	\$ 1,877,311	\$ 1,640,849	\$ 1,668,627	\$ 1,641,683	\$ 1,659,639	\$ 3,447,073	\$ 3,449,420	\$ 3,542,302	\$ 3,559,537	\$ 3,439,408	\$ 1,685,001	\$ 29,499,853
Demand Cost Reversals	\$ (1,858,888)	\$ (1,889,003)	\$ (1,877,311)	\$ (1,640,849)	\$ (1,668,627)	\$ (1,641,683)	\$ (1,659,639)	\$ (3,447,073)	\$ (3,449,420)	\$ (3,542,302)	\$ (3,559,537)	\$ (3,439,408)	\$ (29,673,740)
Subtotal	\$ 30,115	\$ (11,692)	\$ (236,462)	\$ 27,778	\$ (26,944)	\$ 17,956	\$ 1,787,434	\$ 2,347	\$ 92,882	\$ 17,235	\$ (120,129)	\$ (1,754,407)	\$ (173,887)
Total Direct Demand Costs	\$ 2,206,826	\$ 2,211,234	\$ 2,007,636	\$ 2,016,549	\$ 1,983,867	\$ 2,010,477	\$ 3,773,128	\$ 3,764,764	\$ 3,919,535	\$ 3,849,484	\$ 3,725,279	\$ 2,046,136	\$ 33,514,915
Indirect Demand Costs													
Amortization of PNGTS Rate Case Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,894	\$ 8,600	\$ 13,983	\$ 8,113	\$ 6,687	\$ 4,856	\$ 48,135	
Capacity Release	\$ (1,027,928)	\$ (1,028,209)	\$ (1,028,393)	\$ (1,044,825)	\$ (1,052,348)	\$ (1,026,866)	\$ (1,027,637)	\$ (1,030,539)	\$ (1,033,384)	\$ (1,034,489)	\$ (1,034,069)	\$ (1,034,906)	\$ (12,403,593)
Capacity Mitigation	\$ (10,100)	\$ (10,100)	\$ (10,100)	\$ (10,100)	\$ (9,536)	\$ (9,536)	\$ (8,937)	\$ (4,549)	\$ (4,549)	\$ (4,549)	\$ (4,549)	\$ (4,056)	\$ (90,659)
Production and Storage	\$ -	\$ -	\$ 6,585	\$ 6,585	\$ 6,585	\$ 6,585	\$ 142,749	\$ 142,749	\$ 204,460	\$ 204,460	\$ 204,460	\$ 204,460	\$ 1,129,676
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 122,900	\$ 122,900	\$ 132,061	\$ 132,061	\$ 132,061	\$ 132,061	\$ 774,043
Total Indirect Demand Costs	\$ (1,038,027)	\$ (1,038,309)	\$ (1,031,908)	\$ (1,048,340)	\$ (1,055,299)	\$ (1,029,817)	\$ (765,031)	\$ (760,839)	\$ (687,429)	\$ (694,404)	\$ (695,409)	\$ (697,584)	\$ (10,542,398)
Demand Cost Estimates - Capacity Release	\$ (1,028,306)	\$ (1,028,129)	\$ (1,045,613)	\$ (1,051,009)	\$ (1,027,848)	\$ (1,027,202)	\$ (1,025,870)	\$ (1,026,632)	\$ (1,026,632)	\$ (1,025,310)	\$ (1,025,340)	\$ (1,036,697)	\$ (12,374,588)
Demand Cost Reversals - Capacity Release	\$ 1,027,386	\$ 1,028,306	\$ 1,028,129	\$ 1,045,613	\$ 1,051,009	\$ 1,027,848	\$ 1,027,202	\$ 1,025,870	\$ 1,026,632	\$ 1,026,632	\$ 1,025,310	\$ 1,025,340	\$ 12,365,277
Subtotal	\$ (920)	\$ 177	\$ (17,484)	\$ (5,396)	\$ 23,161	\$ 646	\$ 1,332	\$ (762)	\$ -	\$ 1,322	\$ (30)	\$ (11,357)	\$ (9,311)
Total Demand Costs	\$ 1,167,879	\$ 1,173,102	\$ 958,244	\$ 962,813	\$ 951,729	\$ 981,306	\$ 3,009,428	\$ 3,003,162	\$ 3,232,106	\$ 3,156,402	\$ 3,029,839	\$ 1,337,195	\$ 22,963,206
Demand Costs Transferred to Summer Period	\$ (347,304)	\$ (347,304)	\$ (347,304)	\$ (347,304)	\$ (347,304)	\$ (347,304)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,083,824)
Net Demand Costs For Winter Period	\$ 820,575	\$ 825,798	\$ 610,940	\$ 615,509	\$ 604,425	\$ 634,002	\$ 3,009,428	\$ 3,003,162	\$ 3,232,106	\$ 3,156,402	\$ 3,029,839	\$ 1,337,195	\$ 20,879,382
Total Gas Costs	\$ 868,350	\$ 687,761	\$ 611,792	\$ 616,537	\$ 605,619	\$ 635,195	\$ 7,029,853	\$ 10,654,080	\$ 11,993,066	\$ 10,760,214	\$ 11,650,344	\$ 3,934,047	\$ 60,046,858

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
 May 2013 - April 2014

REDACTED

Commodity Volumes:

Anadarko
 Cargill
 Chesapeake
 DTE
 Emera Energy
 Granite
 Hess
 Repsol
 Shell
 South Jersey
 Tenaska
 Tennessee
 Subtotal - Commodity Supply

Transportation Volumes

Granite
 Portland
 Tennessee
 Subtotal - Commodity Transportation

Commodity Volume Estimates
 Commodity Volume Reversals

Subtotal - Supply

Withdrawal - Underground Storage
 Withdrawal - LNG Vaporization
 ATV Reconciliation
 Off System Sales
 Net OBA Adjustment
 Company Managed
 LNG Boiloff
 Transportation Charges
 Hedging Costs
 Propane
 Prior Period Adjustment

Subtotal - Other Commodity

Off System & Company Managed Estimates
 Off System & Company Managed Reversals

Total Commodity Volumes

	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>Total Winter</u>
[REDACTED]													

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
 May 2013 - April 2014

REDACTED

Commodity Volumes:

Anadarko
 Cargill
 Chesapeake
 DTE
 Emera Energy
 Granite
 Hess
 Repsol
 Shell
 South Jersey
 Tenaska
 Tennessee
 Subtotal - Commodity Supply

Transportation Costs:

Granite
 Portland
 Tennessee
 Subtotal - Commodity Transportation

Commodity Cost Estimates
 Commodity Cost Reversals

Subtotal - Supply

Withdrawal - Underground Storage
 Withdrawal - LNG Vaporization
 ATV Reconciliation Charges
 Off System Sales
 Net OBA Adjustment
 Company Managed
 LNG Boiloff
 Transportation Charges
 Hedging Costs
 Propane
 Inventory Finance Charge
 Prior Period Adjustments

Subtotal - Other Commodity

Off System Sales Estimates
 Off System Sales Reversals

Total Commodity Costs

	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>Total Winter</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
DEFERRED WINTER PERIOD WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS
Period Ending April 30, 2014

PEAK PERIOD - Acct 182.11

	BEGINNING BALANCE	WORKING CAP ALLOWANCE (1)	WORKING CAP PERCENTAGE	WORKING CAP COLLECTIONS	WORKING 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 * (J / 12)	J = F + I
May 2013 \$	(1,852)	261	0.0824%	41	302	(1,550)	(1,701)	3.25%	(5)	(1,555)
June \$	(1,555)	186	0.0824%	(9)	177	(1,378)	(1,466)	3.25%	(4)	(1,382)
July \$	(1,382)	171	0.0824%	8	179	(1,203)	(1,292)	3.25%	(3)	(1,206)
August \$	(1,206)	173	0.0824%	1	174	(1,033)	(1,119)	3.25%	(3)	(1,036)
September \$	(1,036)	169	0.0824%	(0)	169	(867)	(951)	3.25%	(3)	(870)
October \$	(870)	180	0.0824%	(0)	180	(690)	(780)	3.25%	(2)	(692)
November \$	(692)	2,908	0.0824%	(2,250)	659	(33)	(362)	3.25%	(1)	(34)
December \$	(34)	4,233	0.0824%	(4,234)	(2)	(36)	(35)	3.25%	(0)	(36)
January 2014 \$	(36)	4,629	0.0824%	(5,539)	(910)	(946)	(491)	3.25%	(1)	(947)
February \$	(947)	4,421	0.0824%	(4,333)	88	(859)	(903)	3.25%	(2)	(861)
March \$	(861)	4,653	0.0824%	(4,887)	(234)	(1,096)	(978)	3.25%	(3)	(1,098)
April \$	(1,098)	1,449	0.0824%	(2,143)	(694)	(1,792)	(1,445)	3.25%	(4)	(1,796)
Totals		23,433		(23,346)					(31)	

(1) Working Capital Allowance calculated by taking monthly Total Gas Costs from Sch 4, page 2 of 12, and multiplying by (9.25/365)*Interest Rate.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
WINTER PERIOD BAD DEBT EXPENSE - CALCULATION OF COLLECTION ALLOWANCE
Period Ending April 30, 2014

PEAK PERIOD - Acct 182.16

	REVISED	BAD DEBT	BAD DEBT	DEFERRED	ENDING	BAD DEBT	INTEREST		END BAL
	BALANCE	ALLOWANCE (1)	COLLECTIONS	BALANCE	BALANCE	AVE MO	RATE	INTEREST	W/ INTEREST
	A	B	C	D = B + C	E = A + D	F = (A + E) / 2	G	H = F * (G / 12)	I = E + H
May 2013	(71,949)	20,972	387	21,359	(50,590)	(61,269)	3.25%	(166)	(50,756)
June	(50,756)	20,800	(101)	20,700	(30,056)	(40,406)	3.25%	(109)	(30,165)
July	(30,165)	40,576	168	40,744	10,579	(9,793)	3.25%	(27)	10,552
August	10,552	25,373	6	25,379	35,931	23,242	3.25%	63	35,994
September	35,994	9,094	(2)	9,092	45,086	40,540	3.25%	110	45,196
October	45,196	18,393	(2)	18,391	63,587	54,392	3.25%	147	63,735
November	63,735	10,555	(22,264)	(11,709)	52,026	57,881	3.25%	157	52,183
December	52,183	10,141	(41,733)	(31,593)	20,590	36,387	3.25%	99	20,689
January 2014	20,689	3,442	(54,592)	(51,150)	(30,461)	(4,886)	3.25%	(13)	(30,474)
February	(30,474)	3,048	(42,689)	(39,641)	(70,115)	(50,294)	3.25%	(136)	(70,251)
March	(70,251)	6,617	(48,176)	(41,559)	(111,810)	(91,030)	3.25%	(247)	(112,056)
April	(112,056)	15,013	(21,162)	(6,149)	(118,205)	(115,131)	3.25%	(312)	(118,517)
Totals		184,025	(230,159)					(434)	

(1) Per Docket No. DG 11-69, Bad Debt based on actual write-offs

Northern Utilities, Inc. - New Hampshire Division
Environmental Response Costs
June 2013 - October 2014

		Beginning Balance	Firm Sales and Transportation (therms)	ERC Recovery/Passback Rate	Current ERC Recoveries/ Passbacks	Ending Balance
May 2013	(act)	\$ 56,494	2,949,527	\$ 0.0044	\$ 17,567	\$ 38,927
June 2013	(act)	\$ 38,927	2,249,655	\$ 0.0044	\$ 12,978	\$ 25,949
July 2013	(act)	\$ 25,949	2,350,175	\$ 0.0044	\$ 9,890	\$ 16,058
August 2013	(act)	\$ 16,058	2,456,910	\$ 0.0044	\$ 10,342	\$ 5,716
September 2013	(act)	\$ 5,716	3,012,769	\$ 0.0044	\$ 10,808	\$ (5,092)
October 2013	(act)	\$ 165,302 ⁽¹⁾	5,564,254	\$ 0.0038 ⁽²⁾	\$ 13,253	\$ 152,049
November 2013	(act)	\$ 152,049	8,395,061	\$ 0.0031	\$ (4,781) ⁽³⁾	\$ 156,830
December 2013	(act)	\$ 156,830	11,121,715	\$ 0.0031	\$ 26,024	\$ 130,805
January 2014	(act)	\$ 130,805	10,816,631	\$ 0.0031	\$ 34,485	\$ 96,321
February 2014	(act)	\$ 96,321	10,090,691	\$ 0.0031	\$ 33,509	\$ 62,811
March 2014	(act)	\$ 62,811	7,101,834	\$ 0.0031	\$ 31,283	\$ 31,526
April 2014	(act)	\$ 31,526	4,432,890	\$ 0.0031	\$ 22,017	\$ 9,509
May 2014	(act)	\$ 9,509	2,858,677	\$ 0.0031	\$ 13,740	\$ (4,231)
June 2014	(est)	\$ (4,231)	2,487,452	\$ 0.0031	\$ 7,711	\$ (11,943)
July 2014	(est)	\$ (11,943)	2,444,040	\$ 0.0031	\$ 7,577	\$ (19,519)
August 2014	(est)	\$ (19,519)	2,525,244	\$ 0.0031	\$ 7,828	\$ (27,347)
September 2014	(est)	\$ (27,347)	1,973,826	\$ 0.0031	\$ 6,119	\$ (33,466)
October 2014	(est)	\$ (33,466)	3,911,290	\$ 0.0031	\$ 12,125	\$ (45,591)

(1) November Beginning Balance includes \$170,394 amortization from all prior years at 1/7 of annual costs. (See Section 4.7 of Tariff.)

(2) November Current ERC Recoveries/Passbacks reflect an Average ERC Rate based on actual Firm Sales and Transportation (therms) at \$0.0044 and actual Firm Sales and Transportation (therms) at \$0.0031.

**NORTHERN UTILITIES
NEW HAMPSHIRE DIVISION
RLIARA Reconciliation
May 2013 - October 2014**

		<u>Beginning Balance</u>	<u>Program Costs</u>	<u>Regulatory Assessments</u>	<u>RLIARA Recoveries</u>	<u>Ending Balance</u>	<u>Average Monthly Balance</u>	<u>Interest Rate</u>	<u>Interest</u>	<u>Ending Balance w/Interest</u>
		A	B	C	D	E = A + B + C - D	F = (A + E) / 2	G	H = F * (G / 12)	I = E + H
May 2013	Actual	\$ (89,556)	\$ 22,767	\$ 14,734	\$ 41,527	\$ (93,582)	\$ (91,569)	3.25%	\$ (253)	\$ (93,835)
June 2013	Actual	\$ (93,835)	\$ 15,692	\$ 14,734	\$ 30,672	\$ (94,080)	\$ (93,957)	3.25%	\$ (251)	\$ (94,331)
July 2013	Actual	\$ (94,331)	\$ 13,262	\$ 14,734	\$ 23,402	\$ (89,737)	\$ (92,034)	3.25%	\$ (254)	\$ (89,991)
August 2013	Actual	\$ (89,991)	\$ 12,787	\$ (7,095)	\$ 24,440	\$ (108,740)	\$ (99,366)	3.25%	\$ (308)	\$ (109,048)
September 2013	Actual	\$ (109,048)	\$ 12,694	\$ 3,820	\$ 25,553	\$ (118,087)	\$ (113,568)	3.25%	\$ (303)	\$ (118,391)
October 2013	Actual	\$ (118,391)	\$ 13,568	\$ 10,995	\$ 31,332	\$ (125,159)	\$ (121,775)	3.25%	\$ (336)	\$ (125,495)
November 2013	Actual	\$ (125,495)	\$ 11,196	\$ 10,995	\$ 44,956	\$ (148,260)	\$ (136,878)	3.25%	\$ (366)	\$ (148,626)
December 2013	Actual	\$ (148,626)	\$ 35,446	\$ 10,995	\$ 54,570	\$ (156,755)	\$ (152,690)	3.25%	\$ (421)	\$ (157,176)
January 2014	Actual	\$ (157,177)	\$ 45,851	\$ 10,765	\$ 72,313	\$ (172,873)	\$ (165,026)	3.25%	\$ (442)	\$ (173,315)
February 2014	Actual	\$ (173,315)	\$ 44,937	\$ 10,765	\$ 70,306	\$ (187,919)	\$ (180,617)	3.25%	\$ (489)	\$ (188,408)
March 2014	Actual	\$ (188,408)	\$ 48,554	\$ 10,765	\$ 65,591	\$ (194,679)	\$ (191,544)	3.25%	\$ (519)	\$ (195,198)
April 2014	Actual	\$ (195,198)	\$ 36,868	\$ 10,765	\$ 46,156	\$ (193,721)	\$ (194,460)	3.25%	\$ (527)	\$ (194,248)
May 2014	Actual	\$ (194,248)	\$ 28,018	\$ 10,765	\$ 28,812	\$ (184,276)	\$ (189,262)	3.25%	\$ (513)	\$ (184,789)
June 2014	Actual	\$ (184,789)	\$ 20,907	\$ 10,765	\$ 21,117	\$ (174,233)	\$ (179,511)	3.25%	\$ (486)	\$ (174,719)
July 2014	Est.	\$ (174,719)	\$ 13,262	\$ 10,765	\$ 16,168	\$ (166,860)	\$ (170,789)	3.25%	\$ (463)	\$ (167,323)
August 2014	Est.	\$ (167,323)	\$ 12,787	\$ 10,765	\$ 15,886	\$ (159,657)	\$ (163,490)	3.25%	\$ (443)	\$ (160,100)
September 2014	Est.	\$ (160,100)	\$ 12,694	\$ 10,765	\$ 16,414	\$ (153,055)	\$ (156,577)	3.25%	\$ (424)	\$ (153,479)
October 2014	Est.	\$ (153,479)	\$ 13,568	\$ 10,765	\$ 12,830	\$ (141,975)	\$ (147,727)	3.25%	\$ (400)	\$ (142,376)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS
WINTER 2013 - 2014

Attachment E
Page 1 of 2

	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>TOTAL</u>
Forecast Calendar Month Sales	357,911	527,279	665,669	556,481	428,977	252,899	2,789,216
Actual Sales	<u>275,205</u>	<u>500,532</u>	<u>708,214</u>	<u>695,023</u>	<u>649,864</u>	<u>439,937</u>	<u>3,268,775</u>
Difference	<u>(82,706)</u>	<u>(26,747)</u>	<u>42,545</u>	<u>138,542</u>	<u>220,887</u>	<u>187,038</u>	<u>479,559</u>
Add:							
Volume Variance due to Weather							
Normal Cal. Month Actual Sales	<u>278,317</u>	<u>475,401</u>	<u>685,618</u>	<u>689,449</u>	<u>597,490</u>	<u>404,989</u>	3,131,265
Actual Sales	<u>275,205</u>	<u>500,532</u>	<u>708,214</u>	<u>695,023</u>	<u>649,864</u>	<u>439,937</u>	<u>3,268,775</u>
Weather Variance	<u>3,112</u>	<u>(25,130)</u>	<u>(22,595)</u>	<u>(5,574)</u>	<u>(52,374)</u>	<u>(34,948)</u>	<u>(137,510)</u>
Total Variance Excluding Weather (excl weather effect)	<u>(79,594)</u>	<u>(51,878)</u>	<u>19,949</u>	<u>132,968</u>	<u>168,513</u>	<u>152,090</u>	<u>342,049</u>
Variance-difference due to meter count							(63,288)
-difference in load pattern							<u>542,947</u>
SALES							<u><u>479,659</u></u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 SALES VARIANCE ANALYSIS
 WINTER 2013 - 2014

	<u>NORMAL MMBtu</u>			<u>METERS</u>		
	<u>2013-14 Forecast</u>	<u>2013-14 Actual</u>	<u>Difference</u>	<u>2013-14 Forecast</u>	<u>2013-14 Actual</u>	<u>Difference</u>
Res Heat	1,365,577	1,527,473	161,896	134,421	129,588	(4,833)
Res General	<u>23,858</u>	<u>22,202</u>	<u>(1,656)</u>	<u>9,240</u>	<u>8,736</u>	<u>(504)</u>
Total Res	1,389,435	1,549,675	160,240	143,661	138,324	(5,337)
G-40	670,283	762,156	91,873	26,794	26,448	(346)
G-50	76,315	90,600	14,285	4,695	4,621	(74)
G-41	443,661	652,657	208,996	2,253	2,228	(25)
G-51	110,042	117,626	7,584	883	940	57
G-42	78,339	74,162	(4,177)	60	55	(5)
G-52	21,041	21,901	860	48	51	3
Total C & I	1,399,681	1,719,100	319,419	34,733	34,343	(390)
Total Company	2,789,116	3,268,775	479,659	178,394	172,667	(5,727)

	<u>NORMAL AVERAGE USE</u>			<u>Change in Sales Due to Change In:</u>		<u>Total Chg MMBtu</u>	<u>% Difference</u>
	<u>2013-14 Forecast</u>	<u>2013-14 Actual</u>	<u>Difference</u>	<u>Meter Count</u>	<u>Load Pattern</u>		
Res Heat	10.16	11.79	1.63	(49,096)	210,991	161,896	11.86%
Res General	2.58	2.54	(0.04)	(1,301)	(354)	(1,656)	-6.94%
Total Res	12.74	14.33	1.59	(50,397)	210,637	160,240	11.53%
G-40	25.02	28.82	3.80	(8,656)	100,528	91,873	13.71%
G-50	16.25	19.61	3.35	(1,203)	15,487	14,285	18.72%
G-41	196.92	292.93	96.01	(4,923)	213,919	208,996	47.11%
G-51	124.62	125.13	0.51	7,104	480	7,584	6.89%
G-42	1,305.65	1,348.39	42.74	(6,528)	2,351	(4,177)	-5.33%
G-52	438.35	429.42	(8.93)	1,315	(455)	860	4.09%
Total C & I	40.30	50.06	9.76	(12,891)	332,310	319,419	22.82%
Total Company	15.63	18.93	3.30	(63,288)	542,947	479,659	17.20%

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2013-2014 ANNUAL RECONCILIATION
SUPPLIER REFUNDS
Period Ending April 30, 2014

WINTER SEASON DEMAND - Acct 242.90.10

	BEGINNING BALANCE	REFUND COLLECTIONS	ENDING BALANCE	AVE MONTHLY BALANCE	INTEREST RATE	INTEREST	ENDING BAL W/ INTEREST
	A	B	C = A + B	D = (A + C) / 2	E	F = D * (E / 12)	G = C + F
May 2013 \$	(492,950)	0	(492,950)	(492,950)	3.25%	(1,335)	(494,285)
June \$	(494,285)	0	(494,285)	(494,285)	3.25%	(1,339)	(495,624)
July \$	(495,624)	0	(495,624)	(495,624)	3.25%	(1,342)	(496,966)
August \$	(496,966)	0	(496,966)	(496,966)	3.25%	(1,346)	(498,312)
September \$	(498,312)	0	(498,312)	(498,312)	3.25%	(1,350)	(499,661)
October \$	(499,661)	0	(499,661)	(499,661)	3.25%	(1,353)	(501,015)
November \$	(501,015)	24,061	(476,953)	(488,984)	3.25%	(1,324)	(478,278)
December \$	(478,278)	97,575	(380,703)	(429,490)	3.25%	(1,163)	(381,866)
January 2014 \$	(381,866)	138,086	(243,780)	(312,823)	3.25%	(847)	(244,627)
February \$	(244,627)	135,566	(109,062)	(176,845)	3.25%	(479)	(109,541)
March \$	(109,541)	126,719	17,178	(46,181)	3.25%	(125)	17,053
April \$	17,053	85,791	102,844	59,949	3.25%	162	103,007
Totals		607,798				(11,841)	

WINTER SEASON COMMODITY - Acct 242.90.01

	BEGINNING BALANCE	REFUND COLLECTIONS	ENDING BALANCE	AVE MONTHLY BALANCE	INTEREST RATE	INTEREST	ENDING BAL W/ INTEREST
	A	B	C = A + B	D = (A + C) / 2	E	F = D * (E / 12)	G = C + F
May 2013 \$	-	0	0	0	3.25%	0	0
June \$	0	0	0	0	3.25%	0	0
July \$	0	0	0	0	3.25%	0	0
August \$	0	0	0	0	3.25%	0	0
September \$	0	0	0	0	3.25%	0	0
October \$	0	0	0	0	3.25%	0	0
November \$	0	0	0	0	3.25%	0	0
December \$	0	0	0	0	3.25%	0	0
January 2014 \$	0	0	0	0	3.25%	0	0
February \$	0	0	0	0	3.25%	0	0
March \$	0	0	0	0	3.25%	0	0
April \$	0	0	0	0	3.25%	0	0
Totals		0				0	