

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 1: SUMMARY OF WINTER PERIOD BALANCE
May 2012 - April 2013

	AMOUNT	
Winter Period Beg. Balance	(\$3,105,737)	SCHEDULE 2
Less: Reported Collections	(\$21,693,173)	SCHEDULE 2
Add: Cost of Firm Gas Allowable	\$22,696,809	SCHEDULE 4
Add: Interest	(\$26,148)	SCHEDULE 2
Winter Period Ending Balance	(\$2,128,249)	

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 2: ADJUSTMENTS TO REPORTED WINTER PERIOD ACCOUNTS
May 2012 - April 2013
Acct 191.20

	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 PERIOD													
Winter Period Account Beginning Balance	\$ (3,105,737)	\$ (2,458,464)	\$ (1,986,837)	\$ (1,403,522)	\$ (872,999)	\$ (321,386)	\$ 228,731	\$ 1,375,878	\$ 1,936,104	\$ 355,596	\$ (2,031,626)	\$ (1,872,114)	\$ (3,105,737)
Plus: Cost of Firm Gas (Schedule 4)	\$ 498,334	\$ 478,439	\$ 587,874	\$ 533,671	\$ 552,336	\$ 550,534	\$ 3,308,051	\$ 4,568,285	\$ 3,625,876	\$ 2,627,782	\$ 3,979,567	\$ 1,386,061	\$ 22,696,809
Less: Reported Collections (Schedule 3)	\$ 156,464	\$ (800)	\$ 27	\$ (70)	\$ 892	\$ (291)	\$ (2,163,075)	\$ (4,012,537)	\$ (5,209,483)	\$ (5,012,738)	\$ (3,814,776)	\$ (1,636,786)	\$ (21,693,173)
Winter Period Account Ending Balance	\$ (2,450,940)	\$ (1,980,826)	\$ (1,398,937)	\$ (869,920)	\$ (319,771)	\$ 228,856	\$ 1,373,708	\$ 1,931,626	\$ 352,497	\$ (2,029,359)	\$ (1,866,835)	\$ (2,122,839)	\$ (2,102,101)
Month's Average Balance	\$ (2,778,339)	\$ (2,219,645)	\$ (1,692,887)	\$ (1,136,721)	\$ (596,385)	\$ (46,265)	\$ 801,219	\$ 1,653,752	\$ 1,144,301	\$ (836,881)	\$ (1,949,231)	\$ (1,997,477)	
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	\$ (7,525)	\$ (6,012)	\$ (4,585)	\$ (3,079)	\$ (1,615)	\$ (125)	\$ 2,170	\$ 4,479	\$ 3,099	\$ (2,267)	\$ (5,279)	\$ (5,410)	\$ (26,148)
Winter Period Account Ending Balance w/int	\$ (2,458,464)	\$ (1,986,837)	\$ (1,403,522)	\$ (872,999)	\$ (321,386)	\$ 228,731	\$ 1,375,878	\$ 1,936,104	\$ 355,596	\$ (2,031,626)	\$ (1,872,114)	\$ (2,128,249)	\$ (2,128,249)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS
May 2012 - April 2013

FORM III
Schedule 3

	<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</u>
Accrued Revenue	\$ (1,451,736)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,352,820	\$ 586,148	\$ 705,874	\$ (361,369)	\$ (422,187)	\$ (905,295)	\$ (495,744)
Billed Revenue	\$ 1,295,272	\$ 800	\$ (27)	\$ 70	\$ (892)	\$ 291	\$ 810,254	\$ 3,426,388	\$ 4,503,609	\$ 5,374,107	\$ 4,236,963	\$ 2,542,080	\$ 22,188,917
Calendarized Revenue	<u>\$ (156,464)</u>	<u>\$ 800</u>	<u>\$ (27)</u>	<u>\$ 70</u>	<u>\$ (892)</u>	<u>\$ 291</u>	<u>\$ 2,163,075</u>	<u>\$ 4,012,537</u>	<u>\$ 5,209,483</u>	<u>\$ 5,012,738</u>	<u>\$ 3,814,776</u>	<u>\$ 1,636,786</u>	<u>\$ 21,693,173</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2012 - April 2013

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
BP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,231	\$ -	\$ -	\$ 70,231
Chesapeake	\$ 208,794	\$ 188,603	\$ -	\$ 11,012	\$ -	\$ -	\$ -	\$ -	\$ 66,603	\$ 2,761	\$ -	\$ 91,688	\$ 569,460
DTE	\$ 75,486	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,888	\$ 143,623	\$ 463,066	\$ 92,183	\$ 97,971	\$ 950,216
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ (753)	\$ -	\$ -	\$ -	\$ 539,548	\$ 591,997	\$ 554,769	\$ 489,696	\$ 606,668	\$ 2,781,926
Freepoint	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 361,617	\$ 449,685	\$ 404,358	\$ 352,614	\$ 435,957	\$ 2,004,232
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Macquarie Cook	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,173	\$ 265,611	\$ 238,100	\$ 207,786	\$ 268,101	\$ 1,199,771
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 121,319	\$ -	\$ 7,431	\$ -	\$ -	\$ 128,750
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 397,330	\$ 429,186	\$ 399,930	\$ 354,450	\$ 446,208	\$ 2,027,105
United Energy Trading	\$ 192,105	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 123,273	\$ 132,511	\$ 309,293	\$ 149,564	\$ 182,022	\$ 1,088,768
Allocation Adjustment Reversal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,513)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,513)
Subtotal - Commodity Supply	\$ 476,385	\$ 188,603	\$ -	\$ 10,259	\$ -	\$ (4,513)	\$ -	\$ 1,841,148	\$ 2,079,216	\$ 2,449,939	\$ 1,646,293	\$ 2,128,615	\$ 10,815,946
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 431	\$ 778	\$ 874	\$ 767	\$ 632	\$ 147	\$ 3,629
Portland	\$ 52	\$ 26	\$ -	\$ 63	\$ 58	\$ -	\$ -	\$ 23	\$ 15,682	\$ 15,682	\$ 54,104	\$ 26	\$ 85,715
Tennessee	\$ 11,190	\$ 7,356	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,609	\$ 12,163	\$ 13,216	\$ 12,900	\$ 15,511	\$ 83,946
Subtotal - Commodity Transportation	\$ 11,241	\$ 7,382	\$ -	\$ 63	\$ 58	\$ -	\$ 431	\$ 12,410	\$ 28,719	\$ 29,665	\$ 67,637	\$ 15,683	\$ 173,290
Commodity Cost Estimates	\$ 188,603	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,852,530	\$ 2,088,827	\$ 2,488,224	\$ 1,703,238	\$ 2,145,187	\$ 701,842	\$ 11,168,451
Commodity Cost Reversals	\$ (677,517)	\$ (188,603)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,852,530)	\$ (2,088,827)	\$ (2,488,224)	\$ (1,703,238)	\$ (2,145,187)	\$ (11,144,126)
Subtotal - Supply	\$ (1,288)	\$ 7,382	\$ -	\$ 10,322	\$ 58	\$ (4,513)	\$ 1,852,961	\$ 2,089,856	\$ 2,507,332	\$ 1,694,618	\$ 2,155,879	\$ 700,954	\$ 11,013,561
Withdrawal - Underground Storage	\$ -	\$ 466	\$ -	\$ -	\$ -	\$ -	\$ 382,761	\$ 991,958	\$ 1,346,992	\$ 1,376,321	\$ 931,967	\$ 58,571	\$ 5,089,037
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,841	\$ 5,113	\$ 49,472	\$ 43,809	\$ 13,519	\$ 12,428	\$ 128,183
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,056	\$ (63,384)	\$ (233,484)	\$ (266,002)	\$ (48,225)	\$ 38,135	\$ (565,904)
Off System Sales	\$ (115,232)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (469,794)	\$ (19,193)	\$ (1,092,955)	\$ (1,802,092)	\$ (737,822)	\$ (4,237,089)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,354	\$ (587)	\$ (25,821)	\$ (25,928)	\$ (3,970)	\$ 111	\$ (47,842)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (191,283)	\$ (354,796)	\$ (514,113)	\$ (532,336)	\$ (274,993)	\$ (1,867,521)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transportation Charges	\$ 27,665	\$ 21,233	\$ (778)	\$ (75)	\$ -	\$ -	\$ -	\$ -	\$ (2)	\$ (164,605)	\$ 40,222	\$ -	\$ (76,339)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,296	\$ 121,399	\$ 164,393	\$ 142,647	\$ 129,855	\$ 28,072	\$ 587,661
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory Finance Charge	\$ 152	\$ 148	\$ 214	\$ 345	\$ 431	\$ 512	\$ 527	\$ 560	\$ 463	\$ 251	\$ 139	\$ 82	\$ 3,824
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ (87,415)	\$ 21,848	\$ (564)	\$ 269	\$ 431	\$ 512	\$ 403,835	\$ 393,982	\$ 928,023	\$ (500,574)	\$ (1,270,922)	\$ (875,415)	\$ (985,989)
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (661,077)	\$ (373,989)	\$ (1,974,267)	\$ (2,341,488)	\$ (1,012,815)	\$ -	\$ (6,363,636)
Off System Sales Reversals	\$ 115,281	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 661,077	\$ 373,989	\$ 1,974,267	\$ 2,341,488	\$ 1,012,815	\$ 6,478,917
Subtotal Estimates/Reversals	\$ 115,281	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (661,077)	\$ 287,088	\$ (1,600,278)	\$ (367,221)	\$ 1,328,673	\$ 1,012,815	\$ 115,281
Total Commodity Costs	\$ 26,578	\$ 29,230	\$ (564)	\$ 10,591	\$ 489	\$ (4,001)	\$ 1,595,719	\$ 2,770,926	\$ 1,835,077	\$ 826,824	\$ 2,213,630	\$ 838,354	\$ 10,142,853

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2012 - April 2013

FORM III
Schedule 4
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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	\$ -	\$ -	\$ -	\$ 10,109	\$ 11,068	\$ 10,325	\$ 11,914	\$ 10,587	\$ 6,829	\$ 6,438	\$ 5,773	\$ 6,845	\$ 79,889
Algonquin	\$ 15,741	\$ 15,741	\$ 15,741	\$ 15,741	\$ 15,741	\$ 15,741	\$ 15,741	\$ 15,761	\$ 15,761	\$ 15,757	\$ 15,689	\$ 15,743	\$ 188,897
DTE Energy	\$ 456,368	\$ 457,537	\$ 459,436	\$ 473,769	\$ 480,778	\$ 472,516	\$ 473,094	\$ 462,320	\$ 458,454	\$ 448,647	\$ 449,844	\$ 447,852	\$ 5,540,616
Freepoint	\$ 32,808	\$ 32,753	\$ 33,505	\$ 34,009	\$ 34,406	\$ 33,781	\$ 33,860	\$ 33,085	\$ 32,809	\$ 32,104	\$ 32,189	\$ 32,053	\$ 397,360
Granite State	\$ 146,878	\$ 146,878	\$ 146,878	\$ 155,942	\$ 155,942	\$ 155,942	\$ 152,716	\$ 152,716	\$ 152,716	\$ 152,716	\$ 152,716	\$ 152,716	\$ 1,824,757
Iroquois	\$ 20,533	\$ 20,533	\$ 20,533	\$ 20,538	\$ 20,533	\$ 20,533	\$ 20,533	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,108	\$ 20,108	\$ 244,275
Portland	\$ 20,975	\$ 20,975	\$ 20,975	\$ 20,975	\$ 20,975	\$ 20,975	\$ 20,975	\$ 1,191,398	\$ 1,191,398	\$ 1,191,398	\$ 1,191,398	\$ 1,191,398	\$ 6,103,816
Tennessee	\$ 183,018	\$ 183,134	\$ 183,018	\$ 183,018	\$ 183,018	\$ 183,018	\$ 183,018	\$ 179,232	\$ 179,232	\$ 179,232	\$ 179,232	\$ 179,232	\$ 2,177,401
Texas Eastern	\$ 3,231	\$ 3,317	\$ 3,231	\$ 3,069	\$ 3,191	\$ 3,191	\$ 3,191	\$ 2,550	\$ 2,551	\$ 2,551	\$ 2,479	\$ 2,479	\$ 35,029
Union	\$ 7,128	\$ 6,738	\$ 6,784	\$ 6,875	\$ 7,019	\$ 7,121	\$ 7,061	\$ 6,847	\$ 6,895	\$ 6,883	\$ 6,763	\$ 6,667	\$ 82,782
Vector	\$ 85,629	\$ 85,612	\$ 85,624	\$ 85,662	\$ 85,681	\$ 85,674	\$ 85,642	\$ 120,065	\$ 120,064	\$ 120,043	\$ 120,014	\$ 120,029	\$ 1,199,739
Total Pipeline Reservation	\$ 972,308	\$ 973,218	\$ 975,725	\$ 1,009,707	\$ 1,018,351	\$ 1,008,816	\$ 1,007,744	\$ 2,194,670	\$ 2,186,819	\$ 2,175,876	\$ 2,176,206	\$ 2,175,123	\$ 17,874,562
Product Demand													
Alberta Northeast	\$ 9,448	\$ -	\$ 18,587	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,035
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,640	\$ 4,640	\$ 4,640	\$ 4,640	\$ 4,640	\$ 4,640
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,868	\$ 54,868	\$ 54,868	\$ 54,868	\$ 54,868	\$ 274,340
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,747	\$ 24,747	\$ 24,747	\$ -	\$ 74,240
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,104	\$ 5,104	\$ 5,104	\$ 5,104	\$ 5,104	\$ 25,520
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,136	\$ -	\$ -	\$ -	\$ -	\$ 11,136
Total Product Demand	\$ 9,448	\$ -	\$ 18,587	\$ -	\$ -	\$ -	\$ -	\$ 75,748	\$ 89,359	\$ 89,359	\$ 89,359	\$ 64,612	\$ 436,471
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 5,689	\$ 5,689	\$ 5,689	\$ 5,689	\$ 5,689	\$ 5,689	\$ 5,689	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,571	\$ 5,571	\$ 67,674
Texas Eastern	\$ 82	\$ 82	\$ 81	\$ 243	\$ 81	\$ 81	\$ 81	\$ 81	\$ 81	\$ 94	\$ 80	\$ 80	\$ 1,147
Wash 10	\$ 114,107	\$ 114,107	\$ 114,107	\$ 114,107	\$ 114,107	\$ 114,107	\$ 114,107	\$ 111,747	\$ 111,747	\$ 111,747	\$ 111,747	\$ 111,747	\$ 1,357,481
Company Managed	\$ (200,508)	\$ (197,152)	\$ (210,625)	\$ (79,277)	\$ (170,380)	\$ (167,474)	\$ (212,616)	\$ (486,095)	\$ (493,744)	\$ (495,720)	\$ (483,550)	\$ (476,036)	\$ (3,673,178)
Total Storage and Demand Reservation	\$ (80,631)	\$ (77,275)	\$ (90,748)	\$ 40,761	\$ (50,504)	\$ (47,598)	\$ (92,739)	\$ (368,697)	\$ (376,346)	\$ (378,308)	\$ (366,153)	\$ (358,639)	\$ (2,246,875)
Demand Cost Estimates	\$ 756,808	\$ 743,335	\$ 874,683	\$ 797,057	\$ 805,687	\$ 831,410	\$ 1,737,952	\$ 1,743,545	\$ 1,744,470	\$ 1,767,369	\$ 1,742,437	\$ 781,605	\$ 14,326,358
Demand Cost Reversals	\$ (764,457)	\$ (756,808)	\$ (743,335)	\$ (874,683)	\$ (797,057)	\$ (805,687)	\$ (831,410)	\$ (1,737,952)	\$ (1,743,545)	\$ (1,744,470)	\$ (1,767,369)	\$ (1,742,437)	\$ (14,309,210)
Subtotal	\$ (7,649)	\$ (13,473)	\$ 131,348	\$ (77,626)	\$ 8,630	\$ 25,723	\$ 906,542	\$ 5,593	\$ 925	\$ 22,899	\$ (24,932)	\$ (960,832)	\$ 17,148
Total Direct Demand Costs	\$ 893,476	\$ 882,469	\$ 1,034,911	\$ 972,842	\$ 976,478	\$ 986,941	\$ 1,821,547	\$ 1,907,314	\$ 1,900,757	\$ 1,909,826	\$ 1,874,480	\$ 920,265	\$ 16,081,306
Indirect Demand Costs													
Amortization of PNGTS Rate Case Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,320	\$ 25,320	\$ 25,320	\$ 25,320	\$ 25,320	\$ 25,320	\$ 151,922
Capacity Release	\$ (241,316)	\$ (257,997)	\$ (274,827)	\$ (273,840)	\$ (267,533)	\$ (258,489)	\$ (242,115)	\$ (226,730)	\$ (226,817)	\$ (226,698)	\$ (225,860)	\$ (225,030)	\$ (2,947,252)
Capacity Mitigation	\$ (15,293)	\$ (15,400)	\$ (15,398)	\$ (16,184)	\$ (16,378)	\$ (16,384)	\$ (15,645)	\$ (12,723)	\$ (13,379)	\$ (13,379)	\$ (13,379)	\$ (13,379)	\$ (176,921)
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53,624	\$ 53,624	\$ 53,624	\$ 53,624	\$ 53,624	\$ 53,624	\$ 321,744
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,294	\$ 51,294	\$ 51,294	\$ 51,294	\$ 51,294	\$ 51,294	\$ 307,762
Total Indirect Demand Costs	\$ (256,609)	\$ (273,397)	\$ (290,225)	\$ (290,024)	\$ (283,911)	\$ (274,872)	\$ (127,523)	\$ (109,215)	\$ (109,958)	\$ (109,839)	\$ (109,001)	\$ (108,171)	\$ (2,342,744)
Demand Cost Estimates - Capacity Release	\$ (264,348)	\$ (266,893)	\$ (265,823)	\$ (268,243)	\$ (251,644)	\$ (251,859)	\$ (233,552)	\$ (234,293)	\$ (234,293)	\$ (233,321)	\$ (232,863)	\$ (497,250)	\$ (3,234,382)
Demand Cost Reversals - Capacity Release	\$ 256,556	\$ 264,348	\$ 266,893	\$ 265,823	\$ 268,243	\$ 251,644	\$ 251,859	\$ 233,552	\$ 234,293	\$ 234,293	\$ 233,321	\$ 232,863	\$ 2,993,688
Subtotal	\$ (7,792)	\$ (2,545)	\$ 1,070	\$ (2,420)	\$ 16,599	\$ (215)	\$ 18,307	\$ (741)	\$ -	\$ 972	\$ 458	\$ (264,387)	\$ (240,694)
Total Demand Costs	\$ 629,075	\$ 606,528	\$ 745,756	\$ 680,398	\$ 709,166	\$ 711,853	\$ 1,712,332	\$ 1,797,358	\$ 1,790,799	\$ 1,800,958	\$ 1,765,937	\$ 547,707	\$ 13,497,867
Demand Costs Transferred to Summer	\$ (157,319)	\$ (157,319)	\$ (157,319)	\$ (157,319)	\$ (157,319)	\$ (157,319)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (943,912)
Net Demand Costs For Winter Period	\$ 471,756	\$ 449,209	\$ 588,437	\$ 523,080	\$ 551,847	\$ 554,535	\$ 1,712,332	\$ 1,797,358	\$ 1,790,799	\$ 1,800,958	\$ 1,765,937	\$ 547,707	\$ 12,553,955
Total Gas Costs	\$ 498,334	\$ 478,439	\$ 587,874	\$ 533,671	\$ 552,336	\$ 550,534	\$ 3,308,051	\$ 4,568,285	\$ 3,625,876	\$ 2,627,782	\$ 3,979,567	\$ 1,386,061	\$ 22,696,809

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
May 2012 - April 2013

REDACTED

FORM III
Schedule 4
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Total

Commodity Volumes:

BP
Chesapeake
DTE
Distrigas
Emera Energy
Freepoint
Granite
Macquire Cook
JP Morgan
Shell
United
Virginia Power
 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
Inventory Finance Charge
Prior Period Adjustment

Subtotal - Other Commodity

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

Total Commodity Volumes

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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
May 2012 - April 2013

REDACTED

Commodity Costs:

BP
Chesapeake
DTE
Distrigas
Emera Energy
Freepoint
Granite
Macquarie Cook
JP Morgan
Shell
United Energy Trading
Virginia Power

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



NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS
 May 2012 - April 2013

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
BP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,579	\$ -	\$ -	\$ 82,579
Chesapeake	\$ 198,133	\$ 173,052	\$ -	\$ 9,328	\$ -	\$ -	\$ -	\$ -	\$ 76,660	\$ 3,246	\$ -	\$ 89,442	\$ 549,860
DTE	\$ 71,631	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,628	\$ 165,310	\$ 544,475	\$ 107,563	\$ 95,571	\$ 1,075,178
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ (638)	\$ -	\$ -	\$ -	\$ 627,800	\$ 681,388	\$ 652,301	\$ 571,401	\$ 591,807	\$ 3,124,059
Freepoint	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420,765	\$ 517,588	\$ 475,447	\$ 411,447	\$ 425,278	\$ 2,250,524
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Macquarie Cook	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 256,185	\$ 305,719	\$ 279,959	\$ 242,454	\$ 261,534	\$ 1,345,851
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 141,163	\$ -	\$ 8,737	\$ -	\$ -	\$ 149,900
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 462,320	\$ 493,994	\$ 470,240	\$ 413,590	\$ 435,277	\$ 2,275,420
United Energy Trading	\$ 182,295	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143,436	\$ 152,520	\$ 363,668	\$ 174,519	\$ 177,563	\$ 1,194,002
Virginia Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Allocation Adjustment Reversal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,513	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,513
Subtotal - Commodity Supply	\$ 452,059	\$ 173,052	\$ -	\$ 8,690	\$ -	\$ 4,513	\$ -	\$ 2,142,297	\$ 2,393,179	\$ 2,880,651	\$ 1,920,973	\$ 2,076,472	\$ 12,051,885
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 502	\$ 896	\$ 1,027	\$ 895	\$ 617	\$ 137	\$ 4,074
Portland	\$ 49	\$ 25	\$ -	\$ 53	\$ 48	\$ -	\$ -	\$ 26	\$ 18,050	\$ 18,050	\$ 63,768	\$ 25	\$ 100,094
Tennessee	\$ 10,618	\$ 7,165	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,508	\$ 14,000	\$ 15,540	\$ 15,053	\$ 15,131	\$ 91,015
Subtotal - Commodity Transportation	\$ 10,667	\$ 7,190	\$ -	\$ 53	\$ 48	\$ -	\$ 502	\$ 14,431	\$ 33,077	\$ 34,485	\$ 79,437	\$ 15,293	\$ 195,183
Commodity Cost Estimates	\$ 173,051	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,155,540	\$ 2,404,240	\$ 2,925,665	\$ 1,988,055	\$ 2,092,637	\$ 657,001	\$ 12,396,189
Commodity Cost Reversals	\$ (637,000)	\$ (173,051)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,155,540)	\$ (2,404,240)	\$ (2,925,665)	\$ (1,988,055)	\$ (2,092,637)	\$ (12,376,188)
Subtotal - Supply	\$ (1,222)	\$ 7,190	\$ -	\$ 8,744	\$ 48	\$ 4,513	\$ 2,156,042	\$ 2,405,427	\$ 2,947,680	\$ 1,977,526	\$ 2,104,992	\$ 656,130	\$ 12,267,069
Withdrawal - Underground Storage	\$ -	\$ 454	\$ -	\$ -	\$ -	\$ -	\$ 445,367	\$ 1,141,744	\$ 1,583,798	\$ 1,605,960	\$ 909,206	\$ 54,836	\$ 5,741,365
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,469	\$ 5,886	\$ 58,170	\$ 51,118	\$ 13,188	\$ 11,634	\$ 144,465
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,210	\$ (72,955)	\$ (274,532)	\$ (310,383)	\$ (47,044)	\$ 35,699	\$ (661,005)
Off System Sales	\$ (109,348)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (546,636)	\$ (22,092)	\$ (1,285,102)	\$ (2,102,766)	\$ (719,748)	\$ (4,785,692)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,721	\$ (676)	\$ (30,361)	\$ (30,254)	\$ (3,872)	\$ 104	\$ (55,339)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (327,250)	\$ (730,251)	\$ (1,248,686)	\$ (1,528,326)	\$ (421,160)	\$ (4,255,674)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transportation Charges	\$ 26,253	\$ 20,680	\$ (722)	\$ (64)	\$ -	\$ -	\$ -	\$ -	\$ (2)	\$ (193,543)	\$ 46,933	\$ -	\$ (100,465)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,508	\$ 139,731	\$ 193,294	\$ 166,447	\$ 126,674	\$ 26,278	\$ 653,931
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 479	\$ 447	\$ 858	\$ 1,060	\$ 874	\$ 693	\$ 4,411
Inventory Finance Charge	\$ 148	\$ 138	\$ 181	\$ 288	\$ 362	\$ 511	\$ 614	\$ 644	\$ 544	\$ 293	\$ 135	\$ 77	\$ 3,934
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ (82,947)	\$ 21,272	\$ (540)	\$ 224	\$ 362	\$ 511	\$ 470,367	\$ 340,934	\$ 779,425	\$ (1,243,090)	\$ (2,584,999)	\$ (1,011,587)	\$ (3,310,069)
Off System Sales Estimates	-	-	-	-	-	-	(873,886)	(752,343)	(2,965,542)	(3,639,330)	(1,140,908)	-	(9,372,009)
Off System Sales Reversals	109,395	-	-	-	-	-	-	873,886	752,343	2,965,542	3,639,330	1,140,908	9,481,404
Subtotal Estimates/Reversals	109,395	-	-	-	-	-	(873,886)	121,543	(2,213,199)	(673,788)	2,498,422	1,140,908	109,395
Total Commodity Costs	25,225	28,462	(540)	8,967	410	5,024	1,752,523	2,867,905	1,513,906	60,648	2,018,415	785,451	9,066,396

NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS
May 2012 - April 2013

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	\$ -	\$ -	\$ -	\$ 11,227	\$ 12,292	\$ 11,467	\$ 13,232	\$ 12,230	\$ 7,889	\$ 7,437	\$ 6,669	\$ 7,908	\$ 90,350
Algonquin	\$ 17,482	\$ 17,482	\$ 17,482	\$ 17,482	\$ 17,482	\$ 17,482	\$ 17,482	\$ 18,207	\$ 18,207	\$ 18,202	\$ 18,124	\$ 18,186	\$ 213,297
DTE Energy	\$ 506,840	\$ 508,138	\$ 510,248	\$ 526,165	\$ 533,950	\$ 524,774	\$ 525,415	\$ 534,059	\$ 529,594	\$ 518,265	\$ 519,648	\$ 517,347	\$ 6,254,444
Freepoint	\$ 36,436	\$ 36,375	\$ 37,210	\$ 37,770	\$ 38,211	\$ 37,517	\$ 37,604	\$ 38,219	\$ 37,900	\$ 37,085	\$ 37,184	\$ 37,027	\$ 448,538
Granite State	\$ 163,122	\$ 163,122	\$ 163,122	\$ 173,188	\$ 173,188	\$ 173,188	\$ 176,414	\$ 176,414	\$ 176,414	\$ 176,414	\$ 176,414	\$ 176,414	\$ 2,067,413
Iroquois	\$ 22,804	\$ 22,804	\$ 22,804	\$ 22,810	\$ 22,804	\$ 22,804	\$ 22,804	\$ 23,228	\$ 23,228	\$ 23,228	\$ 23,228	\$ 23,228	\$ 275,773
Portland	\$ 23,295	\$ 23,295	\$ 23,295	\$ 23,295	\$ 23,295	\$ 23,295	\$ 23,295	\$ 1,376,270	\$ 1,376,270	\$ 1,376,270	\$ 1,376,270	\$ 1,376,270	\$ 7,044,415
Tennessee	\$ 203,259	\$ 203,388	\$ 203,259	\$ 203,259	\$ 203,259	\$ 203,259	\$ 203,259	\$ 207,044	\$ 207,044	\$ 207,044	\$ 207,044	\$ 207,044	\$ 2,458,160
Texas Eastern	\$ 3,588	\$ 3,684	\$ 3,588	\$ 3,408	\$ 3,544	\$ 3,544	\$ 3,544	\$ 2,946	\$ 2,947	\$ 2,947	\$ 2,863	\$ 2,863	\$ 39,465
Union	\$ 7,917	\$ 7,483	\$ 7,535	\$ 7,636	\$ 7,795	\$ 7,909	\$ 7,842	\$ 7,909	\$ 7,965	\$ 7,951	\$ 7,812	\$ 7,701	\$ 93,455
Vector	\$ 95,099	\$ 95,080	\$ 95,094	\$ 95,136	\$ 95,157	\$ 95,149	\$ 95,113	\$ 138,696	\$ 138,695	\$ 138,670	\$ 138,637	\$ 138,655	\$ 1,359,181
Total Pipeline Reservation	\$ 1,079,841	\$ 1,080,851	\$ 1,083,635	\$ 1,121,375	\$ 1,130,976	\$ 1,120,386	\$ 1,126,004	\$ 2,535,222	\$ 2,526,153	\$ 2,513,512	\$ 2,513,893	\$ 2,512,643	\$ 20,344,490
Product Demand													
Alberta Northeast	\$ 10,493	\$ -	\$ 20,642	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,135
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,360	\$ 5,360	\$ 5,360	\$ 5,360	\$ 5,360	\$ 26,800
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,382	\$ 63,382	\$ 63,382	\$ 63,382	\$ 63,382	\$ 316,910
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,587	\$ 28,587	\$ 28,587	\$ -	\$ 85,760
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,896	\$ 5,896	\$ 5,896	\$ 5,896	\$ 5,896	\$ 29,480
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,864	\$ -	\$ -	\$ -	\$ -	\$ 12,864
Total Product Demand	\$ 10,493	\$ 0	\$ 20,642	\$ 0	\$ 0	\$ 0	\$ 0	\$ 87,502	\$ 103,225	\$ 103,225	\$ 103,225	\$ 74,638	\$ 502,949
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 6,318	\$ 6,318	\$ 6,318	\$ 6,318	\$ 6,318	\$ 6,318	\$ 6,318	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,435	\$ 6,435	\$ 76,400
Texas Eastern	\$ 91	\$ 91	\$ 90	\$ 270	\$ 90	\$ 90	\$ 90	\$ 94	\$ 94	\$ 81	\$ 92	\$ 93	\$ 1,265
Wash 10	\$ 126,727	\$ 126,727	\$ 126,727	\$ 126,727	\$ 126,727	\$ 126,727	\$ 126,727	\$ 129,087	\$ 129,087	\$ 129,087	\$ 129,087	\$ 129,087	\$ 1,532,519
Company Managed	\$ -	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ -	\$ (13,225)	\$ (1,194,633)	\$ (1,204,507)	\$ (1,169,005)	\$ (1,167,844)	\$ (1,164,504)
Total Storage and Demand Reservation	\$ 133,135	\$ 133,135	\$ 133,135	\$ 133,314	\$ 133,134	\$ 133,134	\$ 119,910	\$ (1,059,017)	\$ (1,068,891)	\$ (1,033,402)	\$ (1,032,230)	\$ (1,028,889)	\$ (4,303,533)
Demand Cost Estimates	\$ 1,059,464	\$ 1,059,464	\$ 1,059,464	\$ 1,074,432	\$ 1,080,788	\$ 1,070,187	\$ 1,374,525	\$ 1,379,948	\$ 1,418,801	\$ 1,432,356	\$ 1,398,215	\$ 1,077,283	\$ 14,484,927
Demand Cost Reversals	\$ (1,063,179)	\$ (1,059,464)	\$ (1,059,464)	\$ (1,059,464)	\$ (1,074,432)	\$ (1,080,788)	\$ (1,070,187)	\$ (1,374,525)	\$ (1,379,948)	\$ (1,418,801)	\$ (1,432,356)	\$ (1,398,215)	\$ (14,470,823)
Subtotal Estimates/Reversals	\$ (3,715)	\$ -	\$ -	\$ 14,968	\$ 6,356	\$ (10,601)	\$ 304,338	\$ 5,423	\$ 38,853	\$ 13,555	\$ (34,141)	\$ (320,932)	\$ 14,104
Total Direct Demand Costs	\$ 1,219,753	\$ 1,213,986	\$ 1,237,412	\$ 1,269,658	\$ 1,270,466	\$ 1,242,919	\$ 1,550,251	\$ 1,569,130	\$ 1,599,339	\$ 1,596,890	\$ 1,550,747	\$ 1,237,459	\$ 16,558,010
Amortization of PNGTS Rate Case Costs													
Capacity Release	\$ 610	\$ 423	\$ 364	\$ 346	\$ 372	\$ 770	\$ 1,773	\$ 26,873	\$ 66,928	\$ 50,609	\$ 28,244	\$ 11,265	\$ 188,577
Capacity Mitigation	\$ (217,004)	\$ (217,129)	\$ (217,903)	\$ (215,826)	\$ (225,753)	\$ (234,291)	\$ (217,010)	\$ (220,392)	\$ (224,188)	\$ (224,933)	\$ (224,365)	\$ (225,105)	\$ (2,663,899)
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,790	\$ 52,790	\$ 52,790	\$ 52,790	\$ 52,790	\$ 316,739
Total Indirect Demand Costs	\$ (216,394)	\$ (216,705)	\$ (217,539)	\$ (215,480)	\$ (225,381)	\$ (233,522)	\$ (87,288)	\$ (65,569)	\$ (29,310)	\$ (46,374)	\$ (68,171)	\$ (85,891)	\$ (1,707,626)
Demand Cost Estimates - Capacity Release	\$ (225,586)	\$ (225,349)	\$ (225,586)	\$ (225,612)	\$ (225,338)	\$ (216,741)	\$ (219,941)	\$ (220,037)	\$ (220,037)	\$ (219,747)	\$ (219,954)	\$ (530,136)	\$ (2,974,064)
Demand Cost Reversals - Capacity Release	\$ 216,514	\$ 225,586	\$ 225,349	\$ 225,586	\$ 225,612	\$ 225,338	\$ 216,741	\$ 219,941	\$ 220,037	\$ 220,037	\$ 219,747	\$ 219,954	\$ 2,660,442
Subtotal	\$ (9,072)	\$ 237	\$ (237)	\$ (26)	\$ 274	\$ 8,597	\$ (3,200)	\$ (96)	\$ -	\$ 290	\$ (207)	\$ (310,182)	\$ (313,622)
Total Demand Costs	\$ 994,287	\$ 997,517	\$ 1,019,636	\$ 1,054,152	\$ 1,045,359	\$ 1,017,994	\$ 1,459,764	\$ 1,503,465	\$ 1,570,029	\$ 1,550,806	\$ 1,482,369	\$ 841,386	\$ 14,536,763
Demand Costs Transferred to Summer	\$ (142,053)	\$ (142,053)	\$ (142,053)	\$ (142,053)	\$ (142,053)	\$ (142,053)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (852,315)
Net Demand Costs For Winter Period	\$ 852,234	\$ 855,465	\$ 877,584	\$ 912,099	\$ 903,306	\$ 875,942	\$ 1,459,764	\$ 1,503,465	\$ 1,570,029	\$ 1,550,806	\$ 1,482,369	\$ 841,386	\$ 13,684,448
Total Gas Costs	\$ 877,459	\$ 883,927	\$ 877,044	\$ 921,066	\$ 903,716	\$ 880,965	\$ 3,212,287	\$ 4,371,369	\$ 3,083,935	\$ 1,611,453	\$ 3,500,784	\$ 1,626,837	\$ 22,750,843

NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
May 2012 - April 2013

REDACTED

Commodity Volumes:

BP
Chesapeake
DTE
Distrigas
Emera Energy
Freepoint
Granite
Macquire Cook
JP Morgan
Shell
United
Virginia Power

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
Inventory Finance Charge
Prior Period Adjustment

Subtotal - Other Commodity

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

Total Commodity Volumes



NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
May 2012 - April 2013

REDACTED

Commodity Costs:

BP
Chesapeake
DTE
Distrigas
Emera Energy
Freepoint
Granite
Macquarie Cook
JP Morgan
Shell
United Energy Trading
Virginia Power

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
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2012 - April 2013

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
BP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,810	\$ -	\$ -	\$ 152,810
Chesapeake	\$ 406,927	\$ 361,654	\$ -	\$ 20,340	\$ -	\$ -	\$ -	\$ -	\$ 143,262	\$ 6,007	\$ -	\$ 181,130	\$ 1,119,320
DTE	\$ 147,117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168,516	\$ 308,934	\$ 1,007,540	\$ 199,746	\$ 193,542	\$ 2,025,394
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ (1,391)	\$ -	\$ -	\$ -	\$ 1,167,348	\$ 1,273,385	\$ 1,207,070	\$ 1,061,097	\$ 1,198,476	\$ 5,905,985
Freepoint	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 782,383	\$ 967,273	\$ 879,805	\$ 764,061	\$ 861,235	\$ 4,254,756
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Macquarie Cook	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 476,358	\$ 571,330	\$ 518,059	\$ 450,240	\$ 529,635	\$ 2,545,622
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 262,482	\$ -	\$ 16,168	\$ -	\$ -	\$ 278,650
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 859,650	\$ 923,180	\$ 870,170	\$ 768,040	\$ 881,485	\$ 4,302,525
United Energy Trading	\$ 374,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 266,709	\$ 285,032	\$ 672,961	\$ 324,083	\$ 359,586	\$ 2,282,770
Allocation Adjustment Reversal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Commodity Supply	\$ 928,444	\$ 361,654	\$ -	\$ 18,949	\$ -	\$ -	\$ -	\$ 3,983,445	\$ 4,472,395	\$ 5,330,590	\$ 3,567,266	\$ 4,205,088	\$ 22,867,832
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 933	\$ 1,674	\$ 1,901	\$ 1,662	\$ 1,249	\$ 284	\$ 7,703
Portland	\$ 100	\$ 51	\$ -	\$ 117	\$ 106	\$ -	\$ -	\$ 49	\$ 33,732	\$ 33,732	\$ 117,872	\$ 50	\$ 185,809
Tennessee	\$ 21,808	\$ 14,521	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,118	\$ 26,163	\$ 28,756	\$ 27,953	\$ 30,643	\$ 174,961
Subtotal - Commodity Transportation	\$ 21,909	\$ 14,572	\$ -	\$ 117	\$ 106	\$ -	\$ 933	\$ 26,841	\$ 61,796	\$ 64,150	\$ 147,074	\$ 30,977	\$ 368,473
Commodity Cost Estimates	\$ 361,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,008,070	\$ 4,493,067	\$ 5,413,889	\$ 3,691,293	\$ 4,237,824	\$ 1,358,843	\$ 23,564,640
Commodity Cost Reversals	\$ (1,314,517)	\$ (361,654)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,008,070)	\$ (4,493,067)	\$ (5,413,889)	\$ (3,691,293)	\$ (4,237,824)	\$ (23,520,314)
Subtotal - Supply	\$ (2,511)	\$ 14,572	\$ -	\$ 19,066	\$ 106	\$ -	\$ 4,009,003	\$ 4,495,283	\$ 5,455,013	\$ 3,672,144	\$ 4,260,871	\$ 1,357,083	\$ 23,280,631
Withdrawal - Underground Storage	\$ -	\$ 921	\$ -	\$ -	\$ -	\$ -	\$ 828,128	\$ 2,133,702	\$ 2,930,790	\$ 2,982,281	\$ 1,841,173	\$ 113,407	\$ 10,830,402
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,310	\$ 10,999	\$ 107,642	\$ 94,927	\$ 26,708	\$ 24,063	\$ 272,648
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,266	\$ (136,339)	\$ (508,016)	\$ (576,385)	\$ (95,269)	\$ 73,834	\$ (1,226,909)
Off System Sales	\$ (224,581)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,016,430)	\$ (41,285)	\$ (2,378,057)	\$ (3,904,859)	\$ (1,457,570)	\$ (9,022,781)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,075	\$ (1,263)	\$ (56,182)	\$ (56,182)	\$ (7,842)	\$ 215	\$ (103,181)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (518,533)	\$ (1,085,047)	\$ (1,762,799)	\$ (2,060,662)	\$ (696,153)	\$ (6,123,194)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transportation Charges	\$ 53,918	\$ 41,913	\$ (1,499)	\$ (139)	\$ -	\$ -	\$ -	\$ -	\$ (5)	\$ (358,148)	\$ 87,154	\$ -	\$ (176,805)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,804	\$ 261,130	\$ 357,686	\$ 309,093	\$ 256,528	\$ 54,351	\$ 1,241,593
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 479	\$ 447	\$ 858	\$ 1,060	\$ 874	\$ 693	\$ 4,411
Inventory Finance Charge	\$ 300	\$ 286	\$ 395	\$ 632	\$ 792	\$ 1,022	\$ 1,141	\$ 1,204	\$ 1,006	\$ 544	\$ 274	\$ 160	\$ 7,758
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal- Other Commodity	\$ (170,362)	\$ 43,120	\$ (1,104)	\$ 493	\$ 792	\$ 1,022	\$ 874,202	\$ 734,917	\$ 1,707,448	\$ (1,743,664)	\$ (3,855,921)	\$ (1,887,002)	\$ (4,296,058)
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,534,963)	\$ (1,126,332)	\$ (4,939,809)	\$ (5,980,818)	\$ (2,153,723)	\$ -	\$ (15,735,645)
Off System Sales Reversals	\$ 224,676	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,534,963	\$ 1,126,332	\$ 4,939,809	\$ 5,980,818	\$ 2,153,723	\$ 15,960,321
Subtotal Estimates/Reversals	\$ 224,676	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (873,886)	\$ 782,620	\$ (1,839,210)	\$ 1,300,479	\$ 4,839,910	\$ 2,153,723	\$ 6,588,312
Total Commodity Costs	\$ 51,803	\$ 57,692	\$ (1,104)	\$ 19,559	\$ 898	\$ 1,022	\$ 3,348,243	\$ 5,638,831	\$ 3,348,983	\$ 887,471	\$ 4,232,046	\$ 1,623,804	\$ 19,209,249

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
2012-2013 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD

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	\$ -	\$ -	\$ -	\$ 21,335	\$ 23,360	\$ 21,791	\$ 25,146	\$ 22,818	\$ 14,718	\$ 13,874	\$ 12,443	\$ 14,753	\$ 170,239
Algonquin	\$ 33,223	\$ 33,223	\$ 33,223	\$ 33,223	\$ 33,223	\$ 33,223	\$ 33,223	\$ 33,969	\$ 33,969	\$ 33,958	\$ 33,813	\$ 33,929	\$ 402,194
DTE Energy	\$ 963,209	\$ 965,674	\$ 969,684	\$ 999,934	\$ 1,014,727	\$ 997,291	\$ 998,509	\$ 996,379	\$ 988,048	\$ 966,912	\$ 969,492	\$ 965,199	\$ 11,795,060
Freepoint	\$ 69,243	\$ 69,127	\$ 70,715	\$ 71,778	\$ 72,618	\$ 71,297	\$ 71,464	\$ 71,304	\$ 70,708	\$ 69,189	\$ 69,373	\$ 69,080	\$ 845,898
Granite State	\$ 310,000	\$ 310,000	\$ 310,000	\$ 329,130	\$ 329,130	\$ 329,130	\$ 329,130	\$ 329,130	\$ 329,130	\$ 329,130	\$ 329,130	\$ 329,130	\$ 3,892,170
Iroquois	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,348	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 43,336	\$ 520,048
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	\$ 386,522	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 386,276	\$ 4,635,561
Texas Eastern	\$ 6,818	\$ 7,002	\$ 6,818	\$ 6,477	\$ 6,735	\$ 6,735	\$ 6,735	\$ 5,496	\$ 5,498	\$ 5,498	\$ 5,342	\$ 5,342	\$ 74,495
Union	\$ 15,045	\$ 14,221	\$ 14,319	\$ 14,511	\$ 14,814	\$ 15,030	\$ 14,904	\$ 14,756	\$ 14,860	\$ 14,833	\$ 14,575	\$ 14,368	\$ 176,237
Vector	\$ 180,728	\$ 180,692	\$ 180,718	\$ 180,798	\$ 180,839	\$ 180,822	\$ 180,755	\$ 258,761	\$ 258,759	\$ 258,713	\$ 258,650	\$ 258,684	\$ 2,558,920
Total Pipeline Reservation	\$ 2,052,149	\$ 2,054,069	\$ 2,059,360	\$ 2,131,082	\$ 2,149,328	\$ 2,129,202	\$ 2,133,748	\$ 4,729,893	\$ 4,712,971	\$ 4,689,388	\$ 4,690,099	\$ 4,687,766	\$ 38,219,052
Product Demand													
Alberta Northeast	\$ 19,941	\$ -	\$ 39,229	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,170
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 118,250	\$ 118,250	\$ 118,250	\$ 118,250	\$ 118,250	\$ 591,250
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53,333	\$ 53,333	\$ 53,333	\$ -	\$ 160,000
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 55,000
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 24,000
Total Product Demand	\$ 19,941	\$ -	\$ 39,229	\$ -	\$ -	\$ -	\$ -	\$ 163,250	\$ 192,583	\$ 192,583	\$ 192,583	\$ 139,250	\$ 939,420
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	\$ 172	\$ 173	\$ 172	\$ 513	\$ 170	\$ 171	\$ 172	\$ 175	\$ 175	\$ 175	\$ 172	\$ 173	\$ 2,413
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	\$ (200,508)	\$ (197,152)	\$ (210,625)	\$ (79,277)	\$ (170,380)	\$ (167,474)	\$ (225,841)	\$ (1,680,728)	\$ (1,698,251)	\$ (1,664,725)	\$ (1,651,393)	\$ (1,640,540)	\$ (9,586,895)
Total Storage and Demand Reservation	\$ 52,504	\$ 55,860	\$ 42,386	\$ 174,076	\$ 82,630	\$ 85,536	\$ 27,171	\$ (1,427,714)	\$ (1,445,236)	\$ (1,411,710)	\$ (1,398,382)	\$ (1,387,528)	\$ (6,550,408)
Demand Cost Estimates	\$ 1,816,272	\$ 1,802,799	\$ 1,934,147	\$ 1,871,489	\$ 1,886,475	\$ 1,901,597	\$ 3,112,477	\$ 3,123,493	\$ 3,163,271	\$ 3,199,725	\$ 3,140,652	\$ 1,858,888	\$ 28,811,285
Demand Cost Reversals	\$ (1,827,636)	\$ (1,816,272)	\$ (1,802,799)	\$ (1,934,147)	\$ (1,871,489)	\$ (1,886,475)	\$ (1,901,597)	\$ (3,112,477)	\$ (3,123,493)	\$ (3,163,271)	\$ (3,199,725)	\$ (3,140,652)	\$ (28,780,033)
Subtotal	\$ (11,364)	\$ (13,473)	\$ 131,348	\$ (62,658)	\$ 14,986	\$ 15,122	\$ 1,210,880	\$ 11,016	\$ 39,778	\$ 36,454	\$ (59,073)	\$ (1,281,764)	\$ 31,252
Total Direct Demand Costs	\$ 2,113,229	\$ 2,096,455	\$ 2,272,323	\$ 2,242,499	\$ 2,246,944	\$ 2,229,860	\$ 3,371,798	\$ 3,476,445	\$ 3,500,096	\$ 3,506,715	\$ 3,425,227	\$ 2,157,724	\$ 32,639,316
Amortization of PNGTS Rate Case Costs	\$ 610	\$ 423	\$ 364	\$ 346	\$ 372	\$ 770	\$ 27,093	\$ 52,193	\$ 92,248	\$ 75,929	\$ 53,564	\$ 36,585	\$ 340,499
Capacity Release	\$ (458,320)	\$ (475,125)	\$ (492,729)	\$ (489,666)	\$ (493,286)	\$ (492,780)	\$ (459,125)	\$ (447,122)	\$ (451,005)	\$ (451,631)	\$ (450,225)	\$ (450,135)	\$ (5,611,151)
Capacity Mitigation	\$ (15,293)	\$ (15,400)	\$ (15,398)	\$ (16,184)	\$ (16,378)	\$ (16,384)	\$ (15,645)	\$ (12,723)	\$ (13,379)	\$ (13,379)	\$ (13,379)	\$ (13,379)	\$ (176,921)
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 128,784	\$ 128,784	\$ 128,784	\$ 128,784	\$ 128,784	\$ 128,784	\$ 772,702
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,084	\$ 104,084	\$ 104,084	\$ 104,084	\$ 104,084	\$ 104,084	\$ 624,501
Total Indirect Demand Costs	\$ (473,004)	\$ (490,102)	\$ (507,764)	\$ (505,503)	\$ (509,292)	\$ (508,394)	\$ (214,810)	\$ (174,785)	\$ (139,269)	\$ (156,213)	\$ (177,173)	\$ (194,061)	\$ (4,050,370)
Demand Cost Estimates - Capacity Release	\$ (489,934)	\$ (492,242)	\$ (491,409)	\$ (493,855)	\$ (476,982)	\$ (468,600)	\$ (453,493)	\$ (454,330)	\$ (454,330)	\$ (453,068)	\$ (452,817)	\$ (1,027,386)	\$ (6,208,446)
Demand Cost Reversals - Capacity Release	\$ 473,070	\$ 489,934	\$ 492,242	\$ 491,409	\$ 493,855	\$ 476,982	\$ 468,600	\$ 453,493	\$ 454,330	\$ 454,330	\$ 453,068	\$ 452,817	\$ 5,654,130
Subtotal	\$ (16,864)	\$ (2,308)	\$ 833	\$ (2,446)	\$ 16,873	\$ 8,382	\$ 15,107	\$ (837)	\$ -	\$ 1,262	\$ 251	\$ (574,569)	\$ (554,316)
Total Demand Costs	\$ 1,623,361	\$ 1,604,045	\$ 1,765,392	\$ 1,734,550	\$ 1,754,525	\$ 1,729,847	\$ 3,172,095	\$ 3,300,823	\$ 3,360,828	\$ 3,351,764	\$ 3,248,305	\$ 1,389,093	\$ 28,034,630
Demand Costs Transferred to Summer Period	\$ (299,371)	\$ (299,371)	\$ (299,371)	\$ (299,371)	\$ (299,371)	\$ (299,371)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,796,227)
Net Demand Costs For Winter Period	\$ 1,323,990	\$ 1,304,674	\$ 1,466,021	\$ 1,435,179	\$ 1,455,154	\$ 1,430,476	\$ 3,172,095	\$ 3,300,823	\$ 3,360,828	\$ 3,351,764	\$ 3,248,305	\$ 1,389,093	\$ 26,238,403
Total Gas Costs	\$ 1,375,793	\$ 1,362,366	\$ 1,464,918	\$ 1,454,738	\$ 1,456,052	\$ 1,431,499	\$ 6,520,338	\$ 8,939,654	\$ 6,709,811	\$ 4,239,235	\$ 7,480,351	\$ 3,012,898	\$ 45,447,652

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
May 2012 - April 2013

REDACTED

Commodity Volumes:

BP
Chesapeake
DTE
Distrigas
Emera Energy
Freepoint
Granite
Macquire Cook
JP Morgan
Shell
United
Virginia Power

Subtotal - Commodity Supply

Transportation Volumes

Granite
Portland
Tennessee
Subtotal - Commodity Transportation

Commodity Volume Estimates
Commodity Volume Reversals

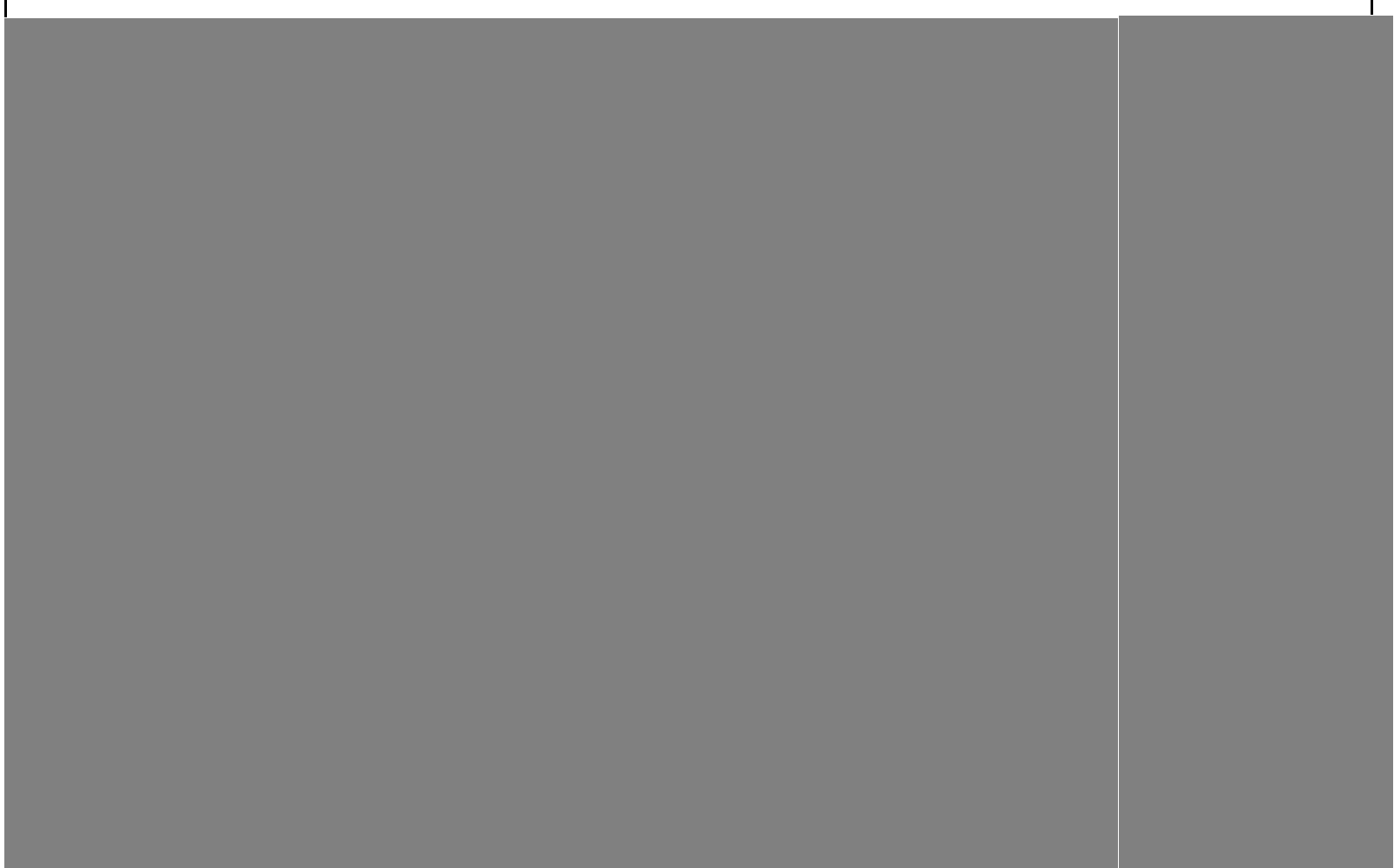
Subtotal - Supply

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

Subtotal - Other Commodity

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

Total Commodity Volumes



NORTHERN UTILITIES, INC. - BOTH DIVISIONS
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
May 2012 - April 2013

REDACTED

Commodity Volumes:

BP
Chesapeake
DTE
Distrigas
Emera Energy
Freepoint
Granite
Macquarie Cook
JP Morgan
Shell
United Energy Trading
Virginia Power

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. - NEW HAMPSHIRE DIVISION
DEFERRED WINTER PERIOD WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS
 Period Ending April 30, 2013

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 // INTEREST
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (J / 12)	J = F + I
May 2012 \$	(9,592)	411	0.0824%	22	433	(9,159)	(9,375)	3.25%	(25)	(9,184)
June \$	(9,184)	394	0.0824%	0	395	(8,790)	(8,987)	3.25%	(24)	(8,814)
July \$	(8,814)	484	0.0824%	-	484	(8,330)	(8,572)	3.25%	(23)	(8,353)
August \$	(8,353)	440	0.0824%	0	440	(7,913)	(8,133)	3.25%	(22)	(7,935)
September \$	(7,935)	455	0.0824%	(0)	455	(7,480)	(7,708)	3.25%	(21)	(7,501)
October \$	(7,501)	454	0.0824%	0	454	(7,047)	(7,274)	3.25%	(20)	(7,067)
November \$	(7,067)	2,726	0.0824%	(1,056)	1,669	(5,398)	(6,232)	3.25%	(17)	(5,415)
December \$	(5,415)	3,764	0.0824%	(1,962)	1,803	(3,612)	(4,513)	3.25%	(12)	(3,624)
January 2013 \$	(3,624)	2,988	0.0824%	(2,550)	438	(3,187)	(3,405)	3.25%	(9)	(3,196)
February \$	(3,196)	2,165	0.0824%	(2,260)	(95)	(3,290)	(3,243)	3.25%	(9)	(3,299)
March \$	(3,299)	3,279	0.0824%	(1,981)	1,298	(2,001)	(2,650)	3.25%	(7)	(2,009)
April \$	(2,009)	1,142	0.0824%	(980)	162	(1,847)	(1,928)	3.25%	(5)	(1,852)
Totals		18,702		(10,767)					(195)	

(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, 2013

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 2012	(142,934)	16,236	(990)	15,245	(127,689)	(135,312)	3.25%	(366)	(128,055)
June	(128,055)	23,595	(9)	23,586	(104,470)	(116,262)	3.25%	(315)	(104,784)
July	(104,784)	53,673	0	53,673	(51,111)	(77,948)	3.25%	(211)	(51,323)
August	(51,323)	39,450	(1)	39,449	(11,873)	(31,598)	3.25%	(86)	(11,959)
September	(11,959)	11,428	10	11,438	(521)	(6,240)	3.25%	(17)	(538)
October	(538)	15,116	(2)	15,114	14,576	7,019	3.25%	19	14,595
November	14,595	404	(12,532)	(12,128)	2,467	8,531	3.25%	23	2,490
December	2,490	3,149	(23,119)	(19,970)	(17,481)	(7,495)	3.25%	(20)	(17,501)
January 2013	(17,501)	3,016	(29,949)	(26,933)	(44,434)	(30,968)	3.25%	(84)	(44,518)
February	(44,518)	3,322	(26,521)	(23,199)	(67,717)	(56,118)	3.25%	(152)	(67,869)
March	(67,869)	7,254	(23,321)	(16,067)	(83,936)	(75,903)	3.25%	(206)	(84,142)
April	(84,142)	24,056	(11,652)	12,404	(71,738)	(77,940)	3.25%	(211)	(71,949)
Totals		200,697	(128,086)					(1,626)	

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

Northern Utilities, Inc. - New Hampshire Division
Environmental Response Costs
June 2012 - October 2013

		Beginning Balance	Firm Sales and Transportation (therms)	ERC Recovery/Passback Rate	Current ERC Recoveries/ Passbacks	Ending Balance
June 2012	(act)	\$ 83,809	2,609,863	\$ 0.0051	\$ 13,320	\$ 70,489
July 2012	(act)	\$ 70,489	2,216,245	\$ 0.0051	\$ 11,311	\$ 59,178
August 2012	(act)	\$ 59,178	2,169,479	\$ 0.0051	\$ 11,070	\$ 48,108
September 2012	(act)	\$ 48,108	2,271,056	\$ 0.0051	\$ 11,580	\$ 36,528
October 2012	(act)	\$ 36,528	1,810,786	\$ 0.0051	\$ 13,841	\$ 22,687
November 2012	(act)	\$ 258,375 ⁽¹⁾	4,671,698	\$ 0.0048 ⁽²⁾	\$ 21,790	\$ 236,585
December 2012	(act)	\$ 236,585	7,207,188	\$ 0.0044	\$ 31,713	\$ 204,872
January 2013	(act)	\$ 204,872	9,133,865	\$ 0.0044	\$ 40,182	\$ 164,689
February 2013	(act)	\$ 164,689	9,951,512	\$ 0.0044	\$ 43,787	\$ 120,903
March 2013	(act)	\$ 120,903	8,392,918	\$ 0.0044	\$ 36,929	\$ 83,974
April 2013	(act)	\$ 83,974	6,244,982	\$ 0.0044	\$ 27,478	\$ 56,494
May 2013	(act)	\$ 56,494	2,115,817	\$ 0.0044	\$ 17,567	\$ 38,926
June 2013	(act)	\$ 38,926	2,949,527	\$ 0.0044	\$ 12,978	\$ 25,948
July 2013	(est)	\$ 25,948	2,163,584	\$ 0.0044	\$ 9,520	\$ 16,428
August 2013	(est)	\$ 16,428	2,188,437	\$ 0.0044	\$ 9,629	\$ 6,799
September 2013	(est)	\$ 6,799	2,362,851	\$ 0.0044	\$ 10,397	\$ (3,597)
October 2013	(est)	\$ (3,597)	3,452,777	\$ 0.0044	\$ 15,192	\$ (18,789)

(1) November Beginning Balance includes \$235,688 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 \$0.0051.

**NORTHERN UTILITIES
NEW HAMPSHIRE DIVISION
RLIARA Reconciliation
May 2012 - October 2013**

		<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 2012	Actual	\$ (61,920)	\$ 24,071	\$ 137,625 (1)	\$ 25,180	\$ 74,597	\$ 6,338	3.25%	\$ 113 (2)	\$ 74,710
June 2012	Actual	\$ 74,710	\$ 16,696	\$ 15,861	\$ 23,230	\$ 84,037	\$ 79,373	3.25%	\$ 215	\$ 84,252
July 2012	Actual	\$ 84,252	\$ 14,333	\$ 6,545	\$ 19,733	\$ 85,397	\$ 84,824	3.25%	\$ 230	\$ 85,627
August 2012	Actual	\$ 85,627	\$ 12,968	\$ 6,545	\$ 19,314	\$ 85,825	\$ 85,726	3.25%	\$ 232	\$ 86,057
September 2012	Actual	\$ 86,057	\$ 11,531	\$ 6,545	\$ 20,206	\$ 83,927	\$ 84,992	3.25%	\$ 230	\$ 84,157
October 2012	Actual	\$ 84,157	\$ 15,146	\$ 12,814	\$ 24,140	\$ 87,978	\$ 86,068	3.25%	\$ 233	\$ 88,211
November 2012	Actual	\$ 88,211	\$ 17,338	\$ 12,814	\$ 45,950	\$ 72,414	\$ 80,312	3.25%	\$ 218	\$ 72,632
December 2012	Actual	\$ 72,632	\$ 31,046	\$ 12,814	\$ 74,946	\$ 41,547	\$ 57,089	3.25%	\$ 155	\$ 41,702
January 2013	Actual	\$ 41,701	\$ 37,289	\$ 14,735	\$ 94,979	\$ (1,254)	\$ 20,223	3.25%	\$ 55	\$ (1,199)
February 2013	Actual	\$ (1,199)	\$ 46,733	\$ 14,735	\$ 103,556	\$ (43,287)	\$ (22,243)	3.25%	\$ (60)	\$ (43,347)
March 2013	Actual	\$ (43,347)	\$ 41,916	\$ 14,735	\$ 87,287	\$ (73,984)	\$ (58,665)	3.25%	\$ (159)	\$ (74,143)
April 2013	Actual	\$ (74,143)	\$ 35,007	\$ 14,735	\$ 64,949	\$ (89,350)	\$ (81,746)	3.25%	\$ (221)	\$ (89,571)
May 2013	Actual	\$ (89,571)	\$ 22,767	\$ 14,734	\$ 41,527	\$ (93,596)	\$ (91,584)	3.25%	\$ (248)	\$ (93,844)
June 2013	Actual	\$ (93,844)	\$ 15,692	\$ 14,734	\$ 30,672	\$ (94,090)	\$ (93,967)	3.25%	\$ (254)	\$ (94,344)
July 2013	Est.	\$ (94,344)	\$ 30,194	\$ 14,734	\$ 19,733	\$ (69,148)	\$ (81,746)	3.25%	\$ (221)	\$ (69,369)
August 2013	Est.	\$ (69,369)	\$ 10,196	\$ 14,734	\$ 19,314	\$ (63,753)	\$ (66,561)	3.25%	\$ (180)	\$ (63,933)
September 2013	Est.	\$ (63,933)	\$ 18,076	\$ 14,734	\$ 20,206	\$ (51,328)	\$ (57,630)	3.25%	\$ (156)	\$ (51,484)
October 2013	Est.	\$ (51,484)	\$ 27,961	\$ 14,734	\$ 24,140	\$ (32,928)	\$ (42,206)	3.25%	\$ (114)	\$ (33,043)

(1) May 2012 Regulatory Assessment includes Assessments from August 1, 2011 to April 30, 2012.

(2) Includes interest true up from August 1, 2011 to April 30, 2012.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS
WINTER 2012 - 2013

Attachment E
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	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	TOTAL
Forecast Calendar Month Sales	351,075	516,209	593,135	517,170	451,952	301,052	2,730,593
Actual Sales	218,931	419,446	550,949	633,325	506,523	367,124	2,696,297
Difference	(132,144)	(96,763)	(42,186)	116,155	54,571	66,072	(34,296)
Add:							
Volume Variance due to Weather							
Normal Cal. Month Actual Sales	321,945	544,407	596,158	592,336	406,398	210,270	2,671,513
Actual Sales	218,931	419,446	550,949	633,325	506,523	367,124	2,696,297
Weather Variance	103,014	124,961	45,209	(40,989)	(100,125)	(156,854)	(24,784)
Total Variance Excluding Weather (excl weather effect)	(29,130)	28,198	3,023	75,166	(45,554)	(90,782)	(59,080)
Variance-difference due to meter count							(73,633)
-difference in load pattern							39,277
SALES							(34,356)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 SALES VARIANCE ANALYSIS
 WINTER 2012 - 2013

	<u>NORMAL MMBtu</u>			<u>METERS</u>		
	<u>2012-13 Forecast</u>	<u>2012-13 Actual</u>	<u>Difference</u>	<u>2012-13 Forecast</u>	<u>2012-13 Actual</u>	<u>Difference</u>
Res Heat	1,309,485	1,304,880	(4,605)	129,194	129,588	394
Res General	<u>24,779</u>	<u>22,200</u>	<u>(2,579)</u>	<u>8,796</u>	<u>8,736</u>	<u>(60)</u>
Total Res	1,334,264	1,327,080	(7,184)	137,990	138,324	334
G-40	671,795	652,643	(19,152)	26,627	26,448	(179)
G-50	96,091	72,097	(23,994)	5,570	4,621	(949)
G-41	460,904	432,653	(28,251)	2,426	2,228	(198)
G-51	113,643	116,158	2,515	996	940	(56)
G-42	45,743	72,427	26,684	105	55	(50)
G-52	8,213	23,239	15,026	24	51	27
Total C & I	1,396,389	1,369,216	(27,173)	35,748	34,343	(1,405)
Total Company	2,730,653	2,696,297	(34,356)	173,738	172,667	(1,071)

	<u>NORMAL AVERAGE USE</u>			<u>Change in Sales Due to Change In:</u>		<u>Total Chg MMBtu</u>	<u>% Difference</u>
	<u>2012-13 Forecast</u>	<u>2012-13 Actual</u>	<u>Difference</u>	<u>Meter Count</u>	<u>Load Pattern</u>		
Res Heat	10.14	10.07	(0.07)	3,994	(8,599)	(4,605)	-0.35%
Res General	2.82	2.54	(0.28)	(169)	(2,410)	(2,579)	-10.41%
Total Res	12.95	12.61	(0.34)	3,824	(11,008)	(7,184)	-0.54%
G-40	25.23	24.68	(0.55)	(4,523)	(14,629)	(19,152)	-2.85%
G-50	17.25	15.60	(1.65)	(16,366)	(7,628)	(23,994)	-24.97%
G-41	190.00	194.19	4.19	(37,582)	9,331	(28,251)	-6.13%
G-51	114.07	123.57	9.50	(6,415)	8,930	2,515	2.21%
G-42	435.13	1,316.86	881.73	(21,811)	48,495	26,684	58.33%
G-52	342.21	455.66	113.46	9,240	5,786	15,026	182.95%
Total C & I	39.06	39.87	0.81	(77,458)	50,285	(27,173)	-1.95%
Total Company	15.72	15.62	(0.10)	(73,633)	39,277	(34,356)	-1.26%