

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 1: SUMMARY OF WINTER PERIOD BALANCE
May 2014 - April 2015

	AMOUNT	
Winter Period Beg. Balance	(\$3,607,559)	SCHEDULE 2
Less: Reported Collections	(\$34,417,439)	SCHEDULE 2
Add: Cost of Firm Gas Allowable	\$36,080,374	SCHEDULE 4
Add: Interest	(\$56,962)	SCHEDULE 2
Winter Period Ending Balance	(\$2,001,586)	

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 2: ADJUSTMENTS TO REPORTED WINTER PERIOD ACCOUNTS
May 2014 - April 2015
Acct 191.20

	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>Total</u>
WINTER PERIOD													
Initial Winter Period Account Beginning Balance	\$ (3,607,559)	\$ (2,732,562)	\$ (2,487,010)	\$ (1,838,483)	\$ (2,023,724)	\$ (1,594,735)	\$ (1,501,678)	\$ (78,203)	\$ (7,659)	\$ (1,248,306)	\$ (2,350,594)	\$ (2,393,255)	\$ (3,607,559)
Plus: Cost of Firm Gas (Schedule 4)	\$ 340,408	\$ 253,952	\$ 654,620	\$ (180,160)	\$ 433,834	\$ 97,239	\$ 5,310,299	\$ 6,409,158	\$ 7,916,177	\$ 7,772,389	\$ 5,101,141	\$ 1,971,316	\$ 36,080,374
Less: Reported Collections (Schedule 3)	\$ 543,163	\$ (1,341)	\$ (244)	\$ 142	\$ 48	\$ 5	\$ (3,884,687)	\$ (6,338,498)	\$ (9,155,126)	\$ (8,869,810)	\$ (5,137,386)	\$ (1,573,705)	\$ (34,417,439)
Winter Period Account Ending Balance	\$ (2,723,988)	\$ (2,479,951)	\$ (1,832,634)	\$ (2,018,501)	\$ (1,589,841)	\$ (1,497,491)	\$ (76,066)	\$ (7,543)	\$ (1,246,608)	\$ (2,345,727)	\$ (2,386,840)	\$ (1,995,643)	\$ (1,944,624)
Month's Average Balance	\$ (3,165,774)	\$ (2,606,256)	\$ (2,159,822)	\$ (1,928,492)	\$ (1,806,782)	\$ (1,546,113)	\$ (788,872)	\$ (42,873)	\$ (627,133)	\$ (1,797,017)	\$ (2,368,717)	\$ (2,194,449)	
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	\$ (8,574)	\$ (7,059)	\$ (5,850)	\$ (5,223)	\$ (4,893)	\$ (4,187)	\$ (2,137)	\$ (116)	\$ (1,698)	\$ (4,867)	\$ (6,415)	\$ (5,943)	\$ (56,962)
Winter Period Account Ending Balance w/int	\$ (2,732,562)	\$ (2,487,010)	\$ (1,838,483)	\$ (2,023,724)	\$ (1,594,735)	\$ (1,501,678)	\$ (78,203)	\$ (7,659)	\$ (1,248,306)	\$ (2,350,594)	\$ (2,393,255)	\$ (2,001,587)	\$ (2,001,587)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS
May 2014 - April 2015

FORM III
Schedule 3

	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>Total</u>
Accrued Revenue	\$ (1,601,623)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,308,302	\$ 566,459	\$ 1,366,759	\$ 85,975	\$ (1,681,681)	\$ (2,048,622)	\$ (1,004,431)
Billed Revenue	\$ 1,058,460	\$ 1,341	\$ 244	\$ (142)	\$ (48)	\$ (5)	\$ 1,576,386	\$ 5,772,039	\$ 7,788,367	\$ 8,783,834	\$ 6,819,067	\$ 3,622,327	\$ 35,421,870
Calendarized Revenue	<u>\$ (543,163)</u>	<u>\$ 1,341</u>	<u>\$ 244</u>	<u>\$ (142)</u>	<u>\$ (48)</u>	<u>\$ (5)</u>	<u>\$ 3,884,687</u>	<u>\$ 6,338,498</u>	<u>\$ 9,155,126</u>	<u>\$ 8,869,810</u>	<u>\$ 5,137,386</u>	<u>\$ 1,573,705</u>	<u>\$ 34,417,439</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2014 - April 2015

Commodity Costs:	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Total Winter
Barclays	\$ 78,154	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,326,330	\$ 1,416,457	\$ 1,252,677	\$ 1,094,352	\$ 1,225,116	\$ 6,393,086
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,999	\$ -	\$ -	\$ -	\$ 5,999
DTE	\$ 22,857	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63	\$ 1,984	\$ 1,207	\$ 1,160	\$ 542	\$ 27,813
JP Morgan	\$ 234,409	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 328,039	\$ 356,160	\$ 315,532	\$ 278,773	\$ 201,166	\$ 1,714,079
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,694,392	\$ 1,934,490	\$ 3,312,652	\$ 3,325,081	\$ 1,798,286	\$ 12,064,900
Shell	\$ 288,372	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168,318	\$ 222,746	\$ 202,032	\$ 219,977	\$ 199,425	\$ 1,300,870
South Jersey	\$ 211,520	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,520
Southwestern	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 302,001	\$ 345,653	\$ 190,966	\$ 151,266	\$ 172,093	\$ 1,161,980
Tenaska	\$ 339,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,187	\$ 126,244	\$ 84,267	\$ 86,130	\$ 101,064	\$ 821,292
Subtotal - Commodity Supply	\$ 1,174,712	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,903,331	\$ 4,409,733	\$ 5,359,332	\$ 5,156,739	\$ 3,697,691	\$ 23,701,538
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341	\$ 526	\$ 881	\$ 950	\$ 532	\$ 289	\$ 3,519
Portland	\$ 19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,262	\$ 43,065	\$ 64,292	\$ 125,703	\$ 3,466	\$ 245,808
Tennessee	\$ 10,610	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,911	\$ 12,469	\$ 11,860	\$ 10,642	\$ 11,919	\$ 69,411
Subtotal - Commodity Transportation	\$ 10,629	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341	\$ 21,699	\$ 56,415	\$ 77,102	\$ 136,878	\$ 15,674	\$ 318,738
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,924,225	\$ 4,451,024	\$ 5,371,183	\$ 5,295,846	\$ 3,716,834	\$ 727,128	\$ 23,486,240
Commodity Cost Reversals	\$ (1,185,088)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,924,225)	\$ (4,451,024)	\$ (5,371,183)	\$ (5,295,846)	\$ (3,716,834)	\$ (23,944,200)
Subtotal - Supply	\$ 253	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,924,566	\$ 4,451,829	\$ 5,386,307	\$ 5,361,097	\$ 3,714,605	\$ 723,659	\$ 23,562,316
Withdrawal - Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,782	\$ 470,787	\$ 2,081,832	\$ 1,994,750	\$ 954,667	\$ 180	\$ 5,601,997
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ (15)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (22,386)	\$ (71,299)	\$ (117,086)	\$ (164,824)	\$ (58,438)	\$ (6,862)	\$ (440,909)
Off System Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (408,508)	\$ (60,908)	\$ (813,417)	\$ (639,077)	\$ (541,195)	\$ (2,463,105)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,429)	\$ 5,185	\$ (8,297)	\$ (9,051)	\$ (4,893)	\$ (18,369)	\$ (37,854)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (103,948)	\$ (309,032)	\$ (490,942)	\$ (840,424)	\$ (296,634)	\$ (2,040,981)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,151	\$ 23,138	\$ 22,263	\$ 125,528	\$ 18,814	\$ 14,927	\$ 212,821
Transportation Charges	\$ 115,416	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,448	\$ (32,552)	\$ 134,034	\$ 514,748	\$ 737,093
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory Finance Charge	\$ 306	\$ 353	\$ 407	\$ 455	\$ 477	\$ 537	\$ 558	\$ 545	\$ 426	\$ 244	\$ 152	\$ 109	\$ 4,568
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ 115,707	\$ 353	\$ 407	\$ 455	\$ 477	\$ 537	\$ 83,678	\$ (84,100)	\$ 1,614,644	\$ 609,735	\$ (435,165)	\$ (333,096)	\$ 1,573,630
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (551,993)	\$ (366,915)	\$ (1,304,359)	\$ (1,479,501)	\$ (837,829)	\$ -	\$ (4,540,597)
Off System Sales Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 551,993	\$ 366,915	\$ 1,304,359	\$ 1,479,501	\$ 837,829	\$ 4,540,597
Subtotal Estimates/Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (551,993)	\$ 185,078	\$ (937,444)	\$ (175,142)	\$ 641,672	\$ 837,829	\$ -
Total Commodity Costs	\$ 115,960	\$ 353	\$ 407	\$ 455	\$ 477	\$ 537	\$ 3,456,250	\$ 4,552,807	\$ 6,063,507	\$ 5,795,690	\$ 3,921,112	\$ 1,228,392	\$ 25,135,946

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2014 - April 2015

Demand Costs	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Total Winter
Pipeline Reservation													
Alberta Northeast	\$ 7,545	\$ 9,630	\$ 10,730	\$ 10,475	\$ 14,965	\$ 10,688	\$ 15,975	\$ 8,182	\$ 7,432	\$ 7,860	\$ 5,797	\$ 6,702	\$ 115,981
Algonquin	\$ 16,033	\$ 16,047	\$ 16,047	\$ 16,046	\$ 16,047	\$ 16,047	\$ 16,047	\$ 16,193	\$ 16,183	\$ 16,186	\$ 16,121	\$ 16,119	\$ 193,116
DTE Energy	\$ 307,046	\$ 347,828	\$ 347,795	\$ 305,206	\$ 300,934	\$ 297,794	\$ 296,063	\$ 290,624	\$ 272,247	\$ 435,589	\$ 437,984	\$ 452,022	\$ 4,091,132
Emera	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Granite State	\$ 166,124	\$ 166,124	\$ 166,124	\$ 182,502	\$ 182,502	\$ 182,502	\$ 184,164	\$ 184,164	\$ 184,164	\$ 184,164	\$ 184,164	\$ 184,164	\$ 2,150,860
Iroquois	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,472	\$ 20,658	\$ 20,658	\$ 20,658	\$ 20,658	\$ 20,658	\$ 246,597
Portland	\$ 20,913	\$ 20,913	\$ 20,913	\$ 20,913	\$ 20,913	\$ 20,913	\$ 20,913	\$ 1,224,007	\$ 1,224,007	\$ 1,224,007	\$ 790,271	\$ 790,271	\$ 5,398,957
Tennessee	\$ 178,924	\$ 178,924	\$ 178,924	\$ 178,924	\$ 178,924	\$ 178,924	\$ 178,128	\$ 181,026	\$ 181,829	\$ 181,026	\$ 181,026	\$ 181,026	\$ 2,157,602
Texas Eastern	\$ 2,506	\$ 2,506	\$ 2,506	\$ 2,506	\$ 2,502	\$ 2,502	\$ 2,502	\$ 2,525	\$ 2,524	\$ 2,524	\$ 2,582	\$ 2,582	\$ 30,267
Union/ Repsol	\$ 32,536	\$ 32,829	\$ 33,334	\$ 33,407	\$ 31,399	\$ 32,578	\$ 31,996	\$ 31,963	\$ 31,390	\$ 45,215	\$ 43,811	\$ 43,395	\$ 423,853
Vector	\$ 85,278	\$ 85,280	\$ 85,296	\$ 85,274	\$ 85,255	\$ 85,225	\$ 85,225	\$ 123,144	\$ 123,099	\$ 123,047	\$ 123,019	\$ 123,063	\$ 1,212,204
Total Pipeline Reservation	\$ 837,378	\$ 880,553	\$ 882,141	\$ 855,726	\$ 853,913	\$ 847,646	\$ 851,485	\$ 2,082,484	\$ 2,063,534	\$ 2,240,275	\$ 1,805,432	\$ 1,820,002	\$ 16,020,568
Product Demand													
Alberta Northeast	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distrigas	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 52,884	\$ 48,623	\$ 48,623	\$ 48,623	\$ 48,623	\$ 276,932
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 236,682	\$ 244,571	\$ 244,571	\$ 220,903	\$ 244,571	\$ 1,191,297
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,027	\$ 25,027	\$ 25,027	\$ 25,027	\$ 25,027	\$ 125,134
Total Product Demand	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 4,222	\$ 314,592	\$ 318,221	\$ 318,221	\$ 294,553	\$ 318,221	\$ 1,593,363
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,672	\$ 5,723	\$ 5,723	\$ 5,723	\$ 5,723	\$ 5,723	\$ 68,319
Texas Eastern	\$ 81	\$ 81	\$ 81	\$ 81	\$ 81	\$ 78	\$ 78	\$ 79	\$ 80	\$ 79	\$ 80	\$ 81	\$ 960
Wash 10	\$ 113,770	\$ 113,770	\$ 113,770	\$ 113,770	\$ 113,770	\$ 113,770	\$ 113,770	\$ 114,805	\$ 114,805	\$ 114,805	\$ 114,805	\$ 114,805	\$ 1,370,414
Company Managed	\$ (129,346)	\$ (60,696)	\$ (61,811)	\$ (60,399)	\$ (60,723)	\$ (57,419)	\$ (61,335)	\$ (320,132)	\$ (312,487)	\$ (296,112)	\$ (324,530)	\$ (212,234)	\$ (1,957,227)
Total Storage and Demand Reservation	\$ (9,824)	\$ 58,826	\$ 57,711	\$ 59,123	\$ 58,799	\$ 62,100	\$ 58,184	\$ (199,524)	\$ (191,879)	\$ (175,504)	\$ (203,921)	\$ (91,625)	\$ (517,534)
Demand Cost Estimates	\$ 731,191	\$ 736,222	\$ 737,842	\$ 737,518	\$ 740,614	\$ 718,897	\$ 2,012,866	\$ 2,024,349	\$ 2,040,724	\$ 1,988,010	\$ 1,625,482	\$ 612,556	\$ 14,706,271
Demand Cost Reversals	\$ (727,752)	\$ (731,191)	\$ (736,222)	\$ (737,842)	\$ (737,518)	\$ (740,614)	\$ (718,897)	\$ (2,012,866)	\$ (2,024,349)	\$ (2,040,724)	\$ (1,988,010)	\$ (1,625,482)	\$ (14,821,467)
Subtotal	\$ 3,439	\$ 5,031	\$ 1,620	\$ (324)	\$ 3,096	\$ (21,717)	\$ 1,293,969	\$ 11,483	\$ 16,375	\$ (52,714)	\$ (362,528)	\$ (1,012,926)	\$ (115,196)
Total Direct Demand Costs	\$ 835,215	\$ 948,632	\$ 945,693	\$ 918,747	\$ 920,029	\$ 892,252	\$ 2,207,860	\$ 2,209,036	\$ 2,206,251	\$ 2,330,278	\$ 1,533,536	\$ 1,033,672	\$ 16,981,201
Amortization of PNGTS Rate Case Costs													
Capacity Release	\$ (481,974)	\$ (482,489)	\$ (537,059)	\$ (537,750)	\$ (537,703)	\$ (482,775)	\$ (488,301)	\$ (489,448)	\$ (489,341)	\$ (493,365)	\$ (492,430)	\$ (494,703)	\$ (6,007,336)
Capacity Mitigation	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,764)	\$ (3,393)	\$ (2,732)	\$ -	\$ -	\$ -	\$ (32,092)
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,469	\$ 69,469	\$ 69,469	\$ 69,469	\$ 69,469	\$ 69,469	\$ 416,811
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,110	\$ 70,110	\$ 70,110	\$ 70,110	\$ 70,110	\$ 70,110	\$ 420,658
Total Indirect Demand Costs	\$ (485,675)	\$ (486,189)	\$ (540,759)	\$ (541,451)	\$ (541,403)	\$ (486,476)	\$ (352,486)	\$ (353,263)	\$ (352,495)	\$ (353,786)	\$ (352,852)	\$ (355,124)	\$ (5,201,959)
Demand Cost Estimates - Capacity Release	\$ (479,439)	\$ (534,008)	\$ (130,455)	\$ (534,091)	\$ (325,086)	\$ (479,886)	\$ (481,211)	\$ (480,633)	\$ (481,719)	\$ (481,511)	\$ (482,166)	\$ (417,789)	\$ (5,307,994)
Demand Cost Reversals - Capacity Release	\$ 508,621	\$ 479,439	\$ 534,008	\$ 130,455	\$ 534,091	\$ 325,086	\$ 479,886	\$ 481,211	\$ 480,633	\$ 481,719	\$ 481,511	\$ 482,166	\$ 5,398,826
Subtotal	\$ 29,182	\$ (54,569)	\$ 403,553	\$ (403,636)	\$ 209,005	\$ (154,800)	\$ (1,325)	\$ 578	\$ (1,086)	\$ 208	\$ (655)	\$ 64,377	\$ 90,832
Total Demand Costs	\$ 378,722	\$ 407,874	\$ 808,487	\$ (26,340)	\$ 587,631	\$ 250,976	\$ 1,854,049	\$ 1,856,351	\$ 1,852,670	\$ 1,976,699	\$ 1,180,029	\$ 742,924	\$ 11,870,074
Demand Costs Transferred to Summer	\$ (154,274)	\$ (154,274)	\$ (154,274)	\$ (154,274)	\$ (154,274)	\$ (154,274)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (925,646)
Net Demand Costs For Winter Period	\$ 224,448	\$ 253,600	\$ 654,213	\$ (180,614)	\$ 433,357	\$ 96,702	\$ 1,854,049	\$ 1,856,351	\$ 1,852,670	\$ 1,976,699	\$ 1,180,029	\$ 742,924	\$ 10,944,428
Total Gas Costs	\$ 340,408	\$ 253,952	\$ 654,620	\$ (180,160)	\$ 433,834	\$ 97,239	\$ 5,310,299	\$ 6,409,158	\$ 7,916,177	\$ 7,772,389	\$ 5,101,141	\$ 1,971,316	\$ 36,080,374

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
 May 2014 - April 2015

Redacted

Commodity Volumes:

Barclays
 Distrigas
 DTE
 JP Morgan
 Repsol
 Shell
 South Jersey
 Southwestern
 Tenaska

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-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>Total</u> <u>Winter</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
 May 2014 - April 2015

Redacted

Commodity Costs:	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	Total <u>Winter</u>
Barclays													
Distrigas													
DTE													
JP Morgan													
Repsol													
Shell													
South Jersey													
Southwestern													
Tenaska													
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 2014 - April 2015

Commodity Costs:	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Total Winter
Barclays	\$ 81,866	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,472,425	\$ 1,625,108	\$ 1,534,766	\$ 1,355,508	\$ 1,493,739	\$ 7,563,412
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,882	\$ -	\$ -	\$ -	\$ 6,882
DTE	\$ 23,943	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70	\$ 2,277	\$ 1,478	\$ 1,436	\$ 660	\$ 29,865
JP Morgan	\$ 245,544	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 364,173	\$ 408,624	\$ 386,586	\$ 345,299	\$ 245,275	\$ 1,995,500
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,881,029	\$ 2,219,450	\$ 4,058,625	\$ 4,118,575	\$ 2,192,583	\$ 14,470,262
Shell	\$ 302,070	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 186,858	\$ 255,558	\$ 247,527	\$ 272,472	\$ 243,151	\$ 1,507,637
South Jersey	\$ 221,567	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 221,567
Southwestern	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 335,267	\$ 396,569	\$ 233,970	\$ 187,364	\$ 209,827	\$ 1,362,997
Tenaska	\$ 355,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,460	\$ 144,840	\$ 103,243	\$ 106,684	\$ 123,223	\$ 926,973
Subtotal - Commodity Supply	\$ 1,230,513	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,333,282	\$ 5,059,309	\$ 6,566,195	\$ 6,387,338	\$ 4,508,459	\$ 28,085,096
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 378	\$ 604	\$ 1,079	\$ 1,177	\$ 649	\$ 409	\$ 4,296
Portland	\$ 20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,282	\$ 49,409	\$ 78,770	\$ 155,701	\$ 4,226	\$ 298,409
Tennessee	\$ 11,114	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,223	\$ 14,306	\$ 14,530	\$ 13,182	\$ 14,533	\$ 80,888
Subtotal - Commodity Transportation	\$ 11,134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 378	\$ 24,109	\$ 64,794	\$ 94,478	\$ 169,532	\$ 19,168	\$ 383,593
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,356,478	\$ 5,106,682	\$ 6,580,715	\$ 6,559,641	\$ 4,531,799	\$ 1,030,919	\$ 28,166,234
Commodity Cost Reversals	\$ (1,241,382)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,356,478)	\$ (5,106,682)	\$ (6,580,715)	\$ (6,559,641)	\$ (4,531,799)	\$ (28,376,697)
Subtotal - Supply	\$ 266	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,356,856	\$ 5,107,595	\$ 6,598,136	\$ 6,639,599	\$ 4,529,028	\$ 1,026,747	\$ 28,258,226
Withdrawal - Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,773	\$ 540,136	\$ 2,550,629	\$ 2,470,770	\$ 1,163,995	\$ 219	\$ 6,836,523
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (24,851)	\$ (81,802)	\$ (143,453)	\$ (204,158)	\$ (71,251)	\$ (9,728)	\$ (535,243)
Off System Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (453,505)	\$ (69,881)	\$ (996,590)	\$ (791,585)	\$ (659,859)	\$ (2,971,420)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,696)	\$ 5,949	\$ (10,166)	\$ (11,211)	\$ (5,966)	\$ (26,043)	\$ (50,134)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (69,651)	\$ (281,509)	\$ (1,060,022)	\$ (1,448,803)	\$ (737,474)	\$ (3,597,459)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,049	\$ 26,546	\$ 27,276	\$ 155,484	\$ 22,939	\$ 21,164	\$ 262,459
Transportation Charges	\$ 120,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,250	\$ (39,882)	\$ 177,357	\$ 648,037	\$ 912,660
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 376	\$ 513	\$ 1,069	\$ 1,486	\$ 1,800	\$ 992	\$ 6,237
Inventory Finance Charge	\$ 325	\$ 383	\$ 463	\$ 501	\$ 536	\$ 619	\$ 620	\$ 625	\$ 522	\$ 302	\$ 185	\$ 154	\$ 5,235
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ 121,223	\$ 383	\$ 463	\$ 501	\$ 536	\$ 619	\$ 93,271	\$ (31,188)	\$ 2,080,738	\$ 316,179	\$ (951,329)	\$ (762,538)	\$ 868,858
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (567,048)	\$ (347,919)	\$ (2,056,612)	\$ (2,240,388)	\$ (1,397,333)	\$ -	\$ (6,609,300)
Off System Sales Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 567,048	\$ 347,919	\$ 2,056,612	\$ 2,240,388	\$ 1,397,333	\$ 6,609,300
Subtotal Estimates/Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (567,048)	\$ 219,129	\$ (1,708,693)	\$ (183,776)	\$ 843,055	\$ 1,397,333	\$ -
Total Commodity Costs	\$ 121,489	\$ 383	\$ 463	\$ 501	\$ 536	\$ 619	\$ 3,883,079	\$ 5,295,536	\$ 6,970,180	\$ 6,772,002	\$ 4,420,753	\$ 1,661,542	\$ 29,127,084

NORTHERN UTILITIES, INC. - MAINE DIVISION
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS
May 2014 - April 2015

Demand Costs	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Total Winter
Pipeline Reservation													
Alberta Northeast	\$ 8,427	\$ 10,755	\$ 11,984	\$ 11,699	\$ 16,714	\$ 11,937	\$ 17,842	\$ 8,982	\$ 8,159	\$ 8,628	\$ 6,363	\$ 7,357	\$ 128,846
Algonquin	\$ 17,906	\$ 17,922	\$ 17,922	\$ 17,921	\$ 17,922	\$ 17,922	\$ 17,922	\$ 17,776	\$ 17,765	\$ 17,768	\$ 17,697	\$ 17,695	\$ 214,138
DTE Energy	\$ 342,924	\$ 311,436	\$ 311,407	\$ 340,870	\$ 336,098	\$ 332,592	\$ 330,658	\$ 319,034	\$ 298,861	\$ 478,170	\$ 480,799	\$ 496,209	\$ 4,379,058
Emera	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Granite State	\$ 185,536	\$ 185,536	\$ 185,536	\$ 203,828	\$ 203,828	\$ 203,828	\$ 202,166	\$ 202,166	\$ 202,166	\$ 202,166	\$ 202,166	\$ 202,166	\$ 2,381,090
Iroquois	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,864	\$ 22,678	\$ 22,678	\$ 22,678	\$ 22,678	\$ 22,678	\$ 273,439
Portland	\$ 23,357	\$ 23,357	\$ 23,357	\$ 23,357	\$ 23,357	\$ 23,357	\$ 23,357	\$ 1,343,661	\$ 1,343,661	\$ 1,343,661	\$ 867,525	\$ 867,525	\$ 5,929,530
Tennessee	\$ 199,831	\$ 199,831	\$ 199,831	\$ 199,831	\$ 199,831	\$ 199,831	\$ 198,942	\$ 198,722	\$ 199,603	\$ 198,722	\$ 198,722	\$ 198,722	\$ 2,392,420
Texas Eastern	\$ 2,799	\$ 2,799	\$ 2,799	\$ 2,799	\$ 2,794	\$ 2,794	\$ 2,794	\$ 2,771	\$ 2,771	\$ 2,771	\$ 2,834	\$ 2,834	\$ 33,560
Union/ Repsol	\$ -	\$ -	\$ -	\$ -	\$ (1,589)	\$ -	\$ -	\$ -	\$ -	\$ 14	\$ -	\$ -	\$ (1,575)
Vector	\$ 95,243	\$ 95,245	\$ 95,263	\$ 95,238	\$ 95,217	\$ 95,184	\$ 95,183	\$ 135,182	\$ 135,132	\$ 135,075	\$ 135,045	\$ 135,093	\$ 1,342,099
Total Pipeline Reservation	\$898,887	\$869,746	\$870,963	\$918,407	\$917,036	\$910,309	\$911,729	\$2,250,971	\$2,230,796	\$2,409,653	\$1,933,829	\$1,950,279	\$17,072,606
Product Demand													
Alberta Northeast	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distrigas	\$ 4,715	\$ 4,715	\$ 4,715	\$ 4,715	\$ 4,715	\$ 4,715	\$ 4,715	\$ 58,054	\$ 53,377	\$ 53,377	\$ 53,377	\$ 53,377	\$ 304,568
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repsol	\$ 36,338	\$ 36,665	\$ 37,229	\$ 37,310	\$ 36,666	\$ 36,385	\$ 35,735	\$ 294,906	\$ 302,938	\$ 318,100	\$ 290,591	\$ 316,116	\$ 1,778,979
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,473	\$ 27,473	\$ 27,473	\$ 27,473	\$ 27,473	\$ 137,366
Total Product Demand	\$ 41,053	\$ 41,380	\$ 41,944	\$ 42,026	\$ 41,381	\$ 41,100	\$ 40,451	\$ 380,432	\$ 383,788	\$ 398,950	\$ 371,441	\$ 396,966	\$ 2,220,913
Storage Pipeline Transportation and Demand Reservation													
Tennessee	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,334	\$ 6,283	\$ 6,283	\$ 6,283	\$ 6,283	\$ 6,283	\$ 75,756
Texas Eastern	\$ 91	\$ 91	\$ 90	\$ 90	\$ 90	\$ 87	\$ 87	\$ 87	\$ 88	\$ 87	\$ 88	\$ 89	\$ 1,064
Wash 10	\$ 127,064	\$ 127,064	\$ 127,064	\$ 127,064	\$ 127,064	\$ 127,064	\$ 127,064	\$ 126,028	\$ 126,028	\$ 126,028	\$ 126,028	\$ 126,028	\$ 1,519,586
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (787,586)	\$ (763,115)	\$ (729,290)	\$ (737,882)	\$ (732,934)	\$ (3,750,806)
Total Storage and Demand Reservation	\$ 133,489	\$ 133,489	\$ 133,488	\$ 133,488	\$ 133,488	\$ 133,485	\$ 133,486	\$ (655,187)	\$ (630,716)	\$ (596,892)	\$ (605,483)	\$ (600,534)	\$ (2,154,400)
Demand Cost Estimates	\$ 884,419	\$ 891,283	\$ 891,515	\$ 891,515	\$ 891,283	\$ 869,274	\$ 1,773,474	\$ 1,802,159	\$ 1,835,984	\$ 1,800,721	\$ 1,356,204	\$ 846,218	\$ 14,734,049
Demand Cost Reversals	\$ (957,249)	\$ (884,419)	\$ (891,283)	\$ (891,515)	\$ (891,515)	\$ (891,283)	\$ (869,274)	\$ (1,773,474)	\$ (1,802,159)	\$ (1,835,984)	\$ (1,800,721)	\$ (1,356,204)	\$ (14,845,080)
Subtotal Estimates/Reversals	\$ (72,830)	\$ 6,864	\$ 232	\$ -	\$ (232)	\$ (22,009)	\$ 904,200	\$ 28,685	\$ 33,825	\$ (35,263)	\$ (444,517)	\$ (509,986)	\$ (111,031)
Total Direct Demand Costs	\$ 1,000,599	\$ 1,051,479	\$ 1,046,627	\$ 1,093,921	\$ 1,091,673	\$ 1,062,885	\$ 1,989,866	\$ 2,004,901	\$ 2,017,693	\$ 2,176,448	\$ 1,255,270	\$ 1,236,725	\$ 17,028,088
Indirect Demand Costs													
Amortization of PNGTS Rate Case Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capacity Release	\$ (501,934)	\$ (502,094)	\$ (562,373)	\$ (562,668)	\$ (562,640)	\$ (501,246)	\$ (505,857)	\$ (504,726)	\$ (507,268)	\$ (509,290)	\$ (508,703)	\$ (519,073)	\$ (6,247,872)
Capacity Mitigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 122,897	\$ 122,897	\$ 122,897	\$ 122,897	\$ 122,897	\$ 122,897	\$ 737,382
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,951	\$ 61,951	\$ 61,951	\$ 61,951	\$ 61,951	\$ 61,951	\$ 371,708
Total Indirect Demand Costs	\$ (501,934)	\$ (502,094)	\$ (562,373)	\$ (562,668)	\$ (562,640)	\$ (501,246)	\$ (321,009)	\$ (319,878)	\$ (322,420)	\$ (324,441)	\$ (323,854)	\$ (334,224)	\$ (5,138,782)
Demand Cost Estimates - Capacity Release	\$ (495,193)	\$ (556,139)	\$ (105,430)	\$ (556,231)	\$ (323,155)	\$ (495,193)	\$ (491,066)	\$ (491,157)	\$ (491,157)	\$ (490,884)	\$ (491,157)	\$ (419,851)	\$ (5,406,613)
Demand Cost Reversals - Capacity Release	\$ 528,076	\$ 495,193	\$ 556,139	\$ 105,430	\$ 556,231	\$ 323,155	\$ 495,193	\$ 491,066	\$ 491,157	\$ 491,157	\$ 490,884	\$ 491,157	\$ 5,514,838
Subtotal	\$ 32,883	\$ (60,946)	\$ 450,709	\$ (450,801)	\$ 233,076	\$ (172,038)	\$ 4,127	\$ (91)	\$ -	\$ 273	\$ (273)	\$ 71,306	\$ 108,225
Total Demand Costs	\$ 531,548	\$ 488,439	\$ 934,962	\$ 80,452	\$ 762,109	\$ 389,601	\$ 1,672,984	\$ 1,684,933	\$ 1,695,273	\$ 1,852,279	\$ 931,143	\$ 973,807	\$ 11,997,531
Demand Costs Transferred to Summer	\$ (191,995)	\$ (191,995)	\$ (191,995)	\$ (191,995)	\$ (191,995)	\$ (191,995)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,151,970)
Net Demand Costs For Winter Period	\$ 339,553	\$ 296,444	\$ 742,968	\$ (111,543)	\$ 570,114	\$ 197,606	\$ 1,672,984	\$ 1,684,933	\$ 1,695,273	\$ 1,852,279	\$ 931,143	\$ 973,807	\$ 10,845,561
Total Gas Costs	\$ 461,042	\$ 296,827	\$ 743,431	\$ (111,042)	\$ 570,650	\$ 198,225	\$ 5,556,063	\$ 6,980,469	\$ 8,665,454	\$ 8,624,281	\$ 5,351,896	\$ 2,635,349	\$ 39,972,645

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2014 - April 2015

Commodity Costs:	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Total Winter
Barclays	\$ 160,020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,798,755	\$ 3,041,565	\$ 2,787,443	\$ 2,449,860	\$ 2,718,855	\$ 13,956,498
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,881	\$ -	\$ -	\$ -	\$ 12,881
DTE	\$ 46,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 133	\$ 4,261	\$ 2,685	\$ 2,596	\$ 1,202	\$ 57,677
JP Morgan	\$ 479,953	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 692,212	\$ 764,784	\$ 702,117	\$ 624,071	\$ 446,441	\$ 3,709,578
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,575,420	\$ 4,153,940	\$ 7,371,277	\$ 7,443,657	\$ 3,990,869	\$ 26,535,162
Shell	\$ 590,442	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 355,176	\$ 478,304	\$ 449,559	\$ 492,449	\$ 442,576	\$ 2,808,507
South Jersey	\$ 433,087	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 433,087
Southwestern	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 637,268	\$ 742,222	\$ 424,936	\$ 338,631	\$ 381,920	\$ 2,524,977
Tenaska	\$ 694,923	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 177,647	\$ 271,084	\$ 187,511	\$ 192,813	\$ 224,287	\$ 1,748,265
Subtotal - Commodity Supply	\$ 2,405,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,236,612	\$ 9,469,042	\$ 11,925,527	\$ 11,544,077	\$ 8,206,150	\$ 51,786,633
Transportation Costs:													
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 719	\$ 1,130	\$ 1,960	\$ 2,127	\$ 1,181	\$ 698	\$ 7,815
Portland	\$ 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,544	\$ 92,474	\$ 143,063	\$ 281,404	\$ 7,692	\$ 544,217
Tennessee	\$ 21,724	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,134	\$ 26,775	\$ 26,390	\$ 23,825	\$ 26,452	\$ 150,299
Subtotal - Commodity Transportation	\$ 21,764	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 719	\$ 45,808	\$ 121,209	\$ 171,580	\$ 306,410	\$ 34,842	\$ 702,331
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,280,703	\$ 9,557,706	\$ 11,951,898	\$ 11,855,487	\$ 8,248,633	\$ 1,758,047	\$ 51,652,474
Commodity Cost Reversals	\$ (2,426,470)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (8,280,703)	\$ (9,557,706)	\$ (11,951,898)	\$ (11,855,487)	\$ (8,248,633)	\$ (52,320,897)
Subtotal - Supply	\$ 519	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,281,422	\$ 9,559,424	\$ 11,984,442	\$ 12,000,696	\$ 8,243,633	\$ 1,750,406	\$ 51,820,542
Withdrawal - Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,556	\$ 1,010,923	\$ 4,632,461	\$ 4,465,520	\$ 2,118,662	\$ 399	\$ 12,438,520
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ (15)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (47,237)	\$ (153,100)	\$ (260,539)	\$ (368,982)	\$ (129,689)	\$ (16,590)	\$ (976,152)
Off System Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (862,013)	\$ (130,789)	\$ (1,810,007)	\$ (1,430,662)	\$ (1,201,054)	\$ (5,434,525)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,125)	\$ 11,134	\$ (18,463)	\$ (20,262)	\$ (10,860)	\$ (44,412)	\$ (87,988)
Company Managed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (173,599)	\$ (590,542)	\$ (1,550,965)	\$ (2,289,226)	\$ (1,034,108)	\$ (5,638,440)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,200	\$ 49,685	\$ 49,539	\$ 281,013	\$ 41,753	\$ 36,091	\$ 475,280
Transportation Charges	\$ 236,313	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,697	\$ (72,434)	\$ 311,391	\$ 1,162,785	\$ 1,649,752
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 376	\$ 513	\$ 1,069	\$ 1,486	\$ 1,800	\$ 992	\$ 6,237
Inventory Finance Charge	\$ 631	\$ 736	\$ 870	\$ 956	\$ 1,013	\$ 1,156	\$ 1,179	\$ 1,170	\$ 948	\$ 546	\$ 337	\$ 263	\$ 9,804
Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal- Other Commodity	\$ 236,930	\$ 736	\$ 870	\$ 956	\$ 1,013	\$ 1,156	\$ 176,949	\$ (115,287)	\$ 3,695,382	\$ 925,914	\$ (1,386,495)	\$ (1,095,634)	\$ 2,442,488
Off System Sales Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,119,041)	\$ (714,834)	\$ (3,360,971)	\$ (3,719,889)	\$ (2,235,162)	\$ -	\$ (11,149,897)
Off System Sales Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,119,041	\$ 714,834	\$ 3,360,971	\$ 3,719,889	\$ 2,235,162	\$ 11,149,897
Subtotal Estimates/Reversals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (567,048)	\$ 771,122	\$ (1,341,778)	\$ 1,120,583	\$ 2,322,556	\$ 2,235,162	\$ 4,540,597
Total Commodity Costs	\$ 237,449	\$ 736	\$ 870	\$ 956	\$ 1,013	\$ 1,156	\$ 7,339,329	\$ 9,848,343	\$ 13,033,688	\$ 12,567,692	\$ 8,341,865	\$ 2,889,934	\$ 54,263,030

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
2014-2015 WINTER PERIOD RECONCILIATION
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO WINTER PERIOD
May 2014 - April 2015

Demand Costs	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	Total Winter
Pipeline Reservation													
Alberta Northeast	\$ 15,972	\$ 20,385	\$ 22,714	\$ 22,174	\$ 31,679	\$ 22,626	\$ 33,817	\$ 17,163	\$ 15,591	\$ 16,488	\$ 12,160	\$ 14,058	\$ 244,827
Algonquin	\$ 33,939	\$ 33,970	\$ 33,969	\$ 33,967	\$ 33,969	\$ 33,969	\$ 33,969	\$ 33,969	\$ 33,949	\$ 33,954	\$ 33,817	\$ 33,814	\$ 407,254
DTE Energy	\$ 649,970	\$ 659,264	\$ 659,201	\$ 646,076	\$ 637,032	\$ 630,386	\$ 626,722	\$ 609,658	\$ 571,107	\$ 913,759	\$ 918,784	\$ 948,231	\$ 8,470,190
Emera	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Granite State	\$ 351,660	\$ 351,660	\$ 351,660	\$ 386,330	\$ 386,330	\$ 386,330	\$ 386,330	\$ 386,330	\$ 386,330	\$ 386,330	\$ 386,330	\$ 386,330	\$ 4,531,950
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	\$ 1,657,796	\$ 1,657,796	\$ 11,328,487
Tennessee	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 378,755	\$ 377,070	\$ 379,748	\$ 381,432	\$ 379,748	\$ 379,748	\$ 379,748	\$ 4,550,022
Texas Eastern	\$ 5,306	\$ 5,306	\$ 5,306	\$ 5,306	\$ 5,296	\$ 5,296	\$ 5,296	\$ 5,296	\$ 5,295	\$ 5,295	\$ 5,416	\$ 5,416	\$ 63,827
Union/ Repsol	\$ 32,536	\$ 32,829	\$ 33,334	\$ 33,407	\$ 29,809	\$ 32,578	\$ 31,996	\$ 31,963	\$ 31,390	\$ 45,229	\$ 43,811	\$ 43,395	\$ 422,277
Vector	\$ 180,521	\$ 180,526	\$ 180,559	\$ 180,512	\$ 180,472	\$ 180,409	\$ 180,408	\$ 258,325	\$ 258,231	\$ 258,122	\$ 258,064	\$ 258,156	\$ 2,554,303
Total Pipeline Reservation	\$ 1,736,265	\$ 1,750,299	\$ 1,753,103	\$ 1,774,133	\$ 1,770,948	\$ 1,757,955	\$ 1,763,214	\$ 4,333,456	\$ 4,294,330	\$ 4,649,928	\$ 3,739,261	\$ 3,770,281	\$ 33,093,174
Product Demand													
Alberta Northeast	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distrigas	\$ 8,938	\$ 8,938	\$ 8,938	\$ 8,938	\$ 8,938	\$ 8,938	\$ 8,938	\$ 110,938	\$ 102,000	\$ 102,000	\$ 102,000	\$ 102,000	\$ 581,500
DTE Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repsol	\$ 36,338	\$ 36,665	\$ 37,229	\$ 37,310	\$ 36,666	\$ 36,385	\$ 35,735	\$ 531,587	\$ 547,509	\$ 562,671	\$ 511,494	\$ 560,687	\$ 2,970,276
Shell	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,500	\$ 52,500	\$ 52,500	\$ 52,500	\$ 52,500	\$ 262,500
Total Product Demand	\$ 45,275	\$ 45,602	\$ 46,166	\$ 46,248	\$ 45,603	\$ 45,323	\$ 44,673	\$ 695,025	\$ 702,009	\$ 717,171	\$ 665,994	\$ 715,187	\$ 3,814,276
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	\$ 172	\$ 171	\$ 171	\$ 170	\$ 165	\$ 166	\$ 167	\$ 167	\$ 167	\$ 169	\$ 169	\$ 2,024
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	\$ (129,346)	\$ (60,696)	\$ (61,811)	\$ (60,399)	\$ (60,723)	\$ (57,419)	\$ (61,335)	\$ (1,107,717)	\$ (1,075,602)	\$ (1,025,402)	\$ (1,062,413)	\$ (945,168)	\$ (5,708,033)
Total Storage and Demand Reservation	\$ 123,665	\$ 192,315	\$ 191,199	\$ 192,611	\$ 192,287	\$ 195,585	\$ 191,670	\$ (854,711)	\$ (822,595)	\$ (772,396)	\$ (809,404)	\$ (692,159)	\$ (2,671,934)
Demand Cost Estimates	\$ 1,615,610	\$ 1,627,505	\$ 1,629,357	\$ 1,629,033	\$ 1,631,897	\$ 1,588,171	\$ 3,786,340	\$ 3,826,508	\$ 3,876,708	\$ 3,788,731	\$ 2,981,686	\$ 1,458,774	\$ 29,440,320
Demand Cost Reversals	\$ (1,685,001)	\$ (1,615,610)	\$ (1,627,505)	\$ (1,629,357)	\$ (1,629,033)	\$ (1,631,897)	\$ (1,588,171)	\$ (3,786,340)	\$ (3,826,508)	\$ (3,876,708)	\$ (3,788,731)	\$ (2,981,686)	\$ (29,666,547)
Subtotal	\$ (69,391)	\$ 11,895	\$ 1,852	\$ (324)	\$ 2,864	\$ (43,726)	\$ 2,198,169	\$ 40,168	\$ 50,200	\$ (87,977)	\$ (807,045)	\$ (1,522,912)	\$ (226,227)
Total Direct Demand Costs	\$ 1,835,814	\$ 2,000,111	\$ 1,992,320	\$ 2,012,668	\$ 2,011,703	\$ 1,955,137	\$ 4,197,726	\$ 4,213,937	\$ 4,223,944	\$ 4,506,725	\$ 2,788,806	\$ 2,270,397	\$ 34,009,289
Amortization of PNGTS Rate Case Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capacity Release	\$ (983,909)	\$ (984,583)	\$ (1,099,432)	\$ (1,100,418)	\$ (1,100,343)	\$ (984,021)	\$ (994,157)	\$ (994,173)	\$ (996,609)	\$ (1,002,654)	\$ (1,001,133)	\$ (1,013,775)	\$ (12,255,208)
Capacity Mitigation	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,700)	\$ (3,764)	\$ (3,393)	\$ (2,732)	\$ -	\$ -	\$ -	\$ (32,092)
Production and Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 192,366	\$ 192,366	\$ 192,366	\$ 192,366	\$ 192,366	\$ 192,366	\$ 1,154,193
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132,061	\$ 132,061	\$ 132,061	\$ 132,061	\$ 132,061	\$ 132,061	\$ 792,366
Total Indirect Demand Costs	\$ (987,609)	\$ (988,284)	\$ (1,103,132)	\$ (1,104,119)	\$ (1,104,043)	\$ (987,722)	\$ (673,495)	\$ (673,140)	\$ (674,914)	\$ (678,228)	\$ (676,706)	\$ (689,349)	\$ (10,340,741)
Demand Cost Estimates - Capacity Release	\$ (974,632)	\$ (1,090,147)	\$ (235,885)	\$ (1,090,322)	\$ (648,241)	\$ (975,079)	\$ (972,277)	\$ (971,790)	\$ (972,876)	\$ (972,395)	\$ (973,323)	\$ (837,640)	\$ (10,714,607)
Demand Cost Reversals - Capacity Release	\$ 1,036,697	\$ 974,632	\$ 1,090,147	\$ 235,885	\$ 1,090,322	\$ 648,241	\$ 975,079	\$ 972,277	\$ 971,790	\$ 972,876	\$ 972,395	\$ 973,323	\$ 10,913,664
Subtotal	\$ 62,065	\$ (115,515)	\$ 854,262	\$ (854,437)	\$ 442,081	\$ (326,838)	\$ 2,802	\$ 487	\$ (1,086)	\$ 481	\$ (928)	\$ 135,683	\$ 199,057
Total Demand Costs	\$ 910,270	\$ 896,313	\$ 1,743,450	\$ 54,112	\$ 1,349,740	\$ 640,577	\$ 3,527,033	\$ 3,541,284	\$ 3,547,943	\$ 3,828,979	\$ 2,111,172	\$ 1,716,731	\$ 23,867,605
Demand Costs Transferred to Summer Period	\$ (346,269)	\$ (346,269)	\$ (346,269)	\$ (346,269)	\$ (346,269)	\$ (346,269)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,077,616)
Net Demand Costs For Winter Period	\$ 564,001	\$ 550,044	\$ 1,397,181	\$ (292,157)	\$ 1,003,471	\$ 294,308	\$ 3,527,033	\$ 3,541,284	\$ 3,547,943	\$ 3,828,979	\$ 2,111,172	\$ 1,716,731	\$ 21,789,989
Total Gas Costs	\$ 801,450	\$ 550,779	\$ 1,398,051	\$ (291,202)	\$ 1,004,484	\$ 295,464	\$ 10,866,363	\$ 13,389,627	\$ 16,581,631	\$ 16,396,670	\$ 10,453,037	\$ 4,606,666	\$ 76,053,019

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - UNITS
 May 2014 - April 2015

Redacted

Commodity Volumes:

Barclays
 Distrigas
 DTE
 JP Morgan
 Repsol
 Shell
 South Jersey
 Southwestern
 Tenaska

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-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>Total Winter</u>

NORTHERN UTILITIES, INC. - BOTH DIVISIONS
 COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT
 May 2014 - April 2015

Redacted



	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>Total</u> <u>Winter</u>
Commodity Volumes:													
Barclays													
Distrigas													
DTE													
JP Morgan													
Repsol													
Shell													
South Jersey													
Southwestern													
Tenaska													
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
2014-2015 WINTER PERIOD RECONCILIATION
DEFERRED WINTER PERIOD WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS
May 2014 - April 2015

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 2014	\$ (1,796)	281	0.0824%	561	841	(955)	(1,376)	3.25%	(4)	(959)
June	\$ (959)	209	0.0824%	(1)	208	(750)	(854)	3.25%	(2)	(753)
July	\$ (753)	539	0.0824%	(0)	539	(213)	(483)	3.25%	(1)	(215)
August	\$ (215)	(148)	0.0824%	0	(148)	(363)	(289)	3.25%	(1)	(364)
September	\$ (364)	357	0.0824%	0	358	(6)	(185)	3.25%	(1)	(7)
October	\$ (7)	80	0.0824%	-	80	73	33	3.25%	0	74
November	\$ 74	4,376	0.0824%	(3,182)	1,193	1,267	670	3.25%	2	1,269
December	\$ 1,269	5,281	0.0824%	(5,197)	84	1,353	1,311	3.25%	4	1,357
January 2015	\$ 1,357	6,523	0.0824%	(7,813)	(1,290)	66	712	3.25%	2	68
February	\$ 68	6,404	0.0824%	(7,965)	(1,561)	(1,492)	(712)	3.25%	(2)	(1,494)
March	\$ (1,494)	4,203	0.0824%	(5,210)	(1,007)	(2,501)	(1,998)	3.25%	(5)	(2,507)
April	\$ (2,507)	1,624	0.0824%	(2,652)	(1,027)	(3,534)	(3,020)	3.25%	(8)	(3,542)
Totals		29,730		(31,459)					(17)	

(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
2014-2015 WINTER PERIOD RECONCILIATION
WINTER PERIOD BAD DEBT EXPENSE - CALCULATION OF COLLECTION ALLOWANCE
May 2014 - April 2015

PEAK PERIOD - Acct 182.16

	REVISED BALANCE	BAD DEBT ALLOWANCE (1)	BAD DEBT COLLECTIONS	DEFERRED BALANCE	ENDING BALANCE	BAD DEBT AVE MO BALANCE	INTEREST RATE	INTEREST	END BAL W/ INTEREST
	A	B	C	D = B + C	E = A + D	F = (A + E) / 2	G	H = F * (G / 12)	I = E + H
May 2014	(118,517)	65,477	5,513	70,990	(47,527)	(83,022)	3.25%	(225)	(47,751)
June	(47,751)	47,429	(9)	47,420	(332)	(24,042)	3.25%	(65)	(397)
July	(397)	77,162	(2)	77,161	76,764	38,183	3.25%	103	76,867
August	76,867	41,773	1	41,774	118,641	97,754	3.25%	265	118,906
September	118,906	26,648	0	26,649	145,555	132,230	3.25%	358	145,913
October	145,913	5,826	(0)	5,826	151,739	148,826	3.25%	403	152,142
November	152,142	7,301	(26,216)	(18,915)	133,227	142,685	3.25%	386	133,614
December	133,614	3,532	(42,729)	(39,197)	94,417	114,015	3.25%	309	94,726
January 2015	94,726	(388)	(64,224)	(64,611)	30,114	62,420	3.25%	169	30,283
February	30,283	5,285	(65,488)	(60,203)	(29,920)	182	3.25%	0	(29,920)
March	(29,920)	7,243	(42,839)	(35,596)	(65,515)	(47,717)	3.25%	(129)	(65,645)
April	(65,645)	23,450	(21,834)	1,616	(64,028)	(64,836)	3.25%	(176)	(64,204)
Totals		310,739	(257,826)					1,399	

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

Northern Utilities, Inc. - New Hampshire Division
Environmental Response Costs
May 2014 - October 2015

		Beginning Balance	Firm Sales and Transportation (therms)	ERC Rate Recoveries /Passback	Current ERC Recoveries/ Passbacks	Ending Balance
May 2014	(act)	\$ 9,512	4,432,890	\$ 0.0031	\$ 13,743	\$ (4,231)
June 2014	(act)	\$ (4,231)	3,249,176	\$ 0.0031	\$ 10,075	\$ (14,306)
July 2014	(act)	\$ (14,306)	2,431,861	\$ 0.0031	\$ 7,539	\$ (21,845)
August 2014	(act)	\$ (21,845)	2,415,172	\$ 0.0031	\$ 7,487	\$ (29,332)
September 2014	(act)	\$ (29,332)	2,515,212	\$ 0.0031	\$ 7,798	\$ (37,130)
October 2014	(act)	\$ (37,130)	3,229,806	\$ 0.0025 (2)	\$ 10,014	\$ (47,145)
November 2014	(act)	\$ 102,403 (1)	5,285,980	\$ 0.0018	\$ 11,770 (3)	\$ 90,633
December 2014	(act)	\$ 90,633	8,266,004	\$ 0.0018	\$ 14,873	\$ 75,761
January 2015	(act)	\$ 75,761	11,009,539	\$ 0.0018	\$ 19,813	\$ 55,948
February 2015	(act)	\$ 55,948	12,624,536	\$ 0.0018	\$ 22,725	\$ 33,223
March 2015	(act)	\$ 33,223	10,920,726	\$ 0.0018	\$ 19,655	\$ 13,568
April 2015	(act)	\$ 13,568	7,386,741	\$ 0.0018	\$ 13,299	\$ 270
May 2015	(act)	\$ 270	3,749,297	\$ 0.0018	\$ 6,743	\$ (6,474)
June 2015	(est)	\$ (6,474)	3,131,772	\$ 0.0018	\$ 5,635	\$ (12,109)
July 2015	(est)	\$ (12,109)	1,411,825	\$ 0.0018	\$ 2,541	\$ (14,650)
August 2015	(est)	\$ (14,650)	1,536,025	\$ 0.0018	\$ 2,765	\$ (17,415)
September 2015	(est)	\$ (17,415)	2,049,326	\$ 0.0018	\$ 3,689	\$ (21,104)
October 2015	(est)	\$ (21,104)	3,911,290	\$ 0.0018	\$ 7,040	\$ (28,144)

- (1) November Beginning Balance includes \$149,548 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 \$0.0031 and actual Firm Sales and Transportation (therms) at \$0.0018.
- (3) November 2014 includes Reclasses.

**NORTHERN UTILITIES
NEW HAMPSHIRE DIVISION
RLIARA Reconciliation
May 2014 - October 2015**

	<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 2014 Actual	\$ (194,247)	\$ 28,018	\$ 10,765	\$ 28,812	\$ (184,275)	\$ (189,261)	3.25%	\$ (513)	\$ (184,788)
June 2014 Actual	\$ (184,788)	\$ 20,907	\$ 10,765	\$ 21,117	\$ (174,232)	\$ (179,510)	3.25%	\$ (486)	\$ (174,718)
July 2014 Actual	\$ (174,718)	\$ 18,099	\$ 10,765	\$ 15,799	\$ (161,653)	\$ (168,185)	3.25%	\$ (456)	\$ (162,108)
August 2014 Actual	\$ (162,108)	\$ 16,715	\$ 11,821	\$ 15,691	\$ (149,263)	\$ (155,686)	3.25%	\$ (422)	\$ (149,684)
September 2014 Actual	\$ (149,684)	\$ 17,049	\$ 11,293	\$ 16,344	\$ (137,686)	\$ (143,685)	3.25%	\$ (389)	\$ (138,075)
October 2014 Actual	\$ (138,075)	\$ 18,960	\$ 18,772	\$ 20,999	\$ (121,342)	\$ (129,709)	3.25%	\$ (351)	\$ (121,694)
November 2014 Actual	\$ (121,694)	\$ 28,703	\$ 1,914	\$ 38,976	\$ (130,053)	\$ (125,873)	3.25%	\$ (401)	\$ (130,453)
December 2014 Actual	\$ (130,453)	\$ 46,285	\$ 13,152	\$ 64,484	\$ (135,501)	\$ (132,977)	3.25%	\$ (360)	\$ (135,861)
January 2015 Actual	\$ (135,861)	\$ 55,213	\$ 13,152	\$ 85,879	\$ (153,375)	\$ (144,619)	3.25%	\$ (392)	\$ (153,767)
February 2015 Actual	\$ (153,767)	\$ 62,494	\$ 15,373	\$ 98,473	\$ (174,373)	\$ (164,070)	3.25%	\$ (444)	\$ (174,818)
March 2015 Actual	\$ (174,818)	\$ 67,640	\$ 14,262	\$ 85,184	\$ (178,100)	\$ (176,459)	3.25%	\$ (478)	\$ (178,578)
April 2015 Actual	\$ (178,578)	\$ 49,146	\$ 44,995	\$ 57,616	\$ (142,052)	\$ (160,315)	3.25%	\$ (434)	\$ (142,486)
May 2015 Actual	\$ (142,486)	\$ 32,787	\$ 35,173	\$ 29,243	\$ (103,769)	\$ (123,127)	3.25%	\$ (333)	\$ (104,102)
June 2015 Actual	\$ (104,102)	\$ 21,719	\$ 20,935	\$ 24,422	\$ (85,870)	\$ (94,986)	3.25%	\$ 226 (1)	\$ (85,645)
July 2015 Est.	\$ (85,645)	\$ 18,099	\$ 10,765	\$ 10,246	\$ (67,026)	\$ (76,335)	3.25%	\$ (207)	\$ (67,233)
August 2015 Est.	\$ (67,233)	\$ 16,715	\$ 11,821	\$ 11,012	\$ (49,709)	\$ (58,471)	3.25%	\$ (158)	\$ (49,867)
September 2015 Est.	\$ (49,867)	\$ 17,049	\$ 11,293	\$ 11,981	\$ (33,505)	\$ (41,686)	3.25%	\$ (113)	\$ (33,618)
October 2015 Est.	\$ (33,618)	\$ 18,960	\$ 18,772	\$ 15,985	\$ (11,872)	\$ (22,745)	3.25%	\$ (62)	\$ (11,935)

(1) True up to Regulatory Assessment.

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SALES VARIANCE ANALYSIS
WINTER 2014 - 2015

Attachment E
Page 1 of 2

	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>TOTAL</u>
Forecast Billed Month Sales	279,218	473,854	707,838	715,832	621,488	406,405	3,204,635
Actual Sales	<u>275,357</u>	<u>527,420</u>	<u>723,679</u>	<u>876,487</u>	<u>713,943</u>	<u>459,528</u>	<u>3,576,414</u>
Difference	<u>(3,861)</u>	<u>53,566</u>	<u>15,841</u>	<u>160,655</u>	<u>92,455</u>	<u>53,123</u>	<u>371,779</u>
Add:							
Volume Variance due to Weather							
Normal Bil. Month Actual Sales	<u>262,219</u>	<u>443,074</u>	<u>660,194</u>	<u>667,908</u>	<u>579,574</u>	<u>393,810</u>	3,006,778
Actual Sales	<u>275,357</u>	<u>527,420</u>	<u>723,679</u>	<u>876,487</u>	<u>713,943</u>	<u>459,528</u>	<u>3,576,414</u>
Weather Variance	<u>(13,138)</u>	<u>(84,347)</u>	<u>(63,486)</u>	<u>(208,579)</u>	<u>(134,369)</u>	<u>(65,718)</u>	<u>(569,636)</u>
Total Variance Excluding Weather (excl weather effect)	<u>(16,999)</u>	<u>(30,780)</u>	<u>(47,644)</u>	<u>(47,924)</u>	<u>(41,914)</u>	<u>(12,595)</u>	<u>(197,857)</u>
Variance-difference due to meter count							439,084
-difference in load pattern							<u>(67,303)</u>
SALES							<u><u>371,780</u></u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
 SALES VARIANCE ANALYSIS
 WINTER 2014 - 2015

Attachment E
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	<u>NORMAL MMBtu</u>			<u>METERS</u>		
	<u>2014-15 Forecast</u>	<u>2014-15 Actual</u>	<u>Difference</u>	<u>2014-15 Forecast</u>	<u>2014-15 Actual</u>	<u>Difference</u>
Res Heat	1,456,250	1,592,965	136,715	135,492	137,500	2,008
Res General	<u>19,402</u>	<u>21,353</u>	<u>1,951</u>	<u>9,579</u>	<u>8,878</u>	<u>(701)</u>
Total Res	1,475,652	1,614,318	138,666	145,071	146,378	1,307
G-40	783,907	801,454	17,547	25,950	26,503	553
G-50	84,470	90,389	5,919	4,424	4,522	98
G-41	646,682	732,965	86,283	2,148	2,769	621
G-51	114,566	140,623	26,057	722	851	129
G-42	76,967	145,826	68,859	30	79	49
G-52	22,390	50,840	28,450	6	24	18
Total C & I	1,728,982	1,962,096	233,114	33,279	34,748	1,469
Total Company	3,204,634	3,576,414	371,780	178,350	181,126	2,776

	<u>AVERAGE USE</u>			<u>Change in Sales Due to Change In:</u>		<u>Total Chg MMBtu</u>	<u>% Difference</u>
	<u>2014-15 Forecast</u>	<u>2014-15 Actual</u>	<u>Difference</u>	<u>Meter Count</u>	<u>Load Pattern</u>		
Res Heat	10.75	11.59	0.84	21,578	115,137	136,715	9.39%
Res General	2.03	2.41	0.38	(1,419)	3,370	1,951	10.05%
Total Res	12.77	13.99	1.22	20,159	118,507	138,666	9.40%
G-40	30.21	30.24	0.03	16,714	834	17,547	2.24%
G-50	19.09	19.99	0.89	1,876	4,042	5,919	7.01%
G-41	301.07	264.70	(36.37)	186,984	(100,701)	86,283	13.34%
G-51	158.68	165.24	6.57	20,468	5,589	26,057	22.74%
G-42	2,565.57	1,845.90	(719.67)	125,713	(56,854)	68,859	89.47%
G-52	3,731.67	2,118.32	(1,613.35)	67,170	(38,720)	28,450	127.06%
Total C & I	51.95	56.47	4.51	418,925	(185,810)	233,114	13.48%
Total Company	17.97	19.75	1.78	439,084	(67,303)	371,780	11.60%