

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2013 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 1: SUMMARY OF SUMMER SEASON BALANCE  
November 2012 - October 2013

	AMOUNT	
Summer Season Beg. Balance	\$147,647	SCHEDULE 2
Less: Reported Collections	(\$3,847,239)	SCHEDULE 2
Add: Cost of Firm Gas Allowable	\$4,090,454	SCHEDULE 4
Add: Interest	\$3,683	SCHEDULE 2
Summer Season Ending Balance	\$394,545	

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2013 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 2: ADJUSTMENTS TO REPORTED SUMMER SEASON ACCOUNTS  
November 2012 - October 2013  
Acct 191.10

	<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>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Total</u>
<b>SUMMER SEASON</b>													
Summer Season Account Beginning Balance	\$ 147,647	\$ (39,108)	\$ (54,249)	\$ (54,512)	\$ (54,169)	\$ (54,383)	\$ (54,490)	\$ 58,541	\$ 359,313	\$ 244,453	\$ 230,384	\$ 508,959	\$ 147,647
Plus: Cost of Firm Gas (Schedule 4)	\$ (4,279)	\$ (14,607)	\$ 10	\$ -	\$ 27	\$ -	\$ 826,649	\$ 789,749	\$ 386,333	\$ 465,395	\$ 874,366	\$ 766,811	\$ 4,090,454
Less: Reported Collections (Schedule 3)	\$ (182,623)	\$ (408)	\$ (126)	\$ 491	\$ (94)	\$ 40	\$ (713,624)	\$ (489,543)	\$ (502,009)	\$ (480,107)	\$ (596,790)	\$ (882,447)	\$ (3,847,239)
Summer Season Account Ending Balance	\$ (39,255)	\$ (54,123)	\$ (54,365)	\$ (54,022)	\$ (54,236)	\$ (54,343)	\$ 58,536	\$ 358,748	\$ 243,637	\$ 229,741	\$ 507,959	\$ 393,323	\$ 390,862
Month's Average Balance	\$ 54,196	\$ (46,616)	\$ (54,307)	\$ (54,267)	\$ (54,202)	\$ (54,363)	\$ 2,023	\$ 208,644	\$ 301,475	\$ 237,097	\$ 369,171	\$ 451,141	
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	\$ 147	\$ (126)	\$ (147)	\$ (147)	\$ (147)	\$ (147)	\$ 5	\$ 565	\$ 816	\$ 642	\$ 1,000	\$ 1,222	\$ 3,683
Summer Season Account Ending Balance w/int	\$ (39,108)	\$ (54,249)	\$ (54,512)	\$ (54,169)	\$ (54,383)	\$ (54,490)	\$ 58,541	\$ 359,313	\$ 244,453	\$ 230,384	\$ 508,959	\$ 394,545	\$ 394,545

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2013 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS  
November 2012 - October 2013

	<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>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Total</u>
Accrued Revenue	\$ (304,442)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 331,278	\$ (160,044)	\$ 54,664	\$ 21,135	\$ 129,122	\$ 272,056	\$ 343,768
Billed Revenue	\$ 487,066	\$ 408	\$ 126	\$ (491)	\$ 94	\$ (40)	\$ 382,346	\$ 649,587	\$ 447,345	\$ 458,972	\$ 467,668	\$ 610,391	\$ 3,503,471
Calendarized Revenue	\$ 182,623	\$ 408	\$ 126	\$ (491)	\$ 94	\$ (40)	\$ 713,624	\$ 489,543	\$ 502,009	\$ 480,107	\$ 596,790	\$ 882,447	\$ 3,847,239

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2013 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO SUMMER SEASON  
November 2012 - October 2013

Commodity Costs	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Total Off Peak
Chesapeake	\$ 125,590	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,999	\$ 226,018	\$ 201,845	\$ 190,857	\$ 194,906	\$ 1,160,214
DTE	\$ 249,872	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 151,756	\$ 152,911	\$ 141,702	\$ 135,948	\$ 137,926	\$ 970,116
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ 158,153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,834	\$ 60,558	\$ 143,453	\$ 388,997
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,078	\$ -	\$ -	\$ -	\$ 48,078
South Western	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 208,572	\$ 214,076	\$ 39,581	\$ -	\$ -	\$ 462,229
Subtotal - Commodity Supply	\$ 533,615	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 581,327	\$ 641,083	\$ 409,962	\$ 387,362	\$ 476,285	\$ 3,029,633
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 128	\$ 130	\$ 41	\$ 62	\$ 108	\$ 67	\$ 536
Portland	\$ 53	\$ -	\$ -	\$ -	\$ 27	\$ -	\$ -	\$ 54	\$ 2,684	\$ 55	\$ 56	\$ 55	\$ 2,984
Tennessee	\$ 11,504	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,684	\$ 12,358	\$ 8,529	\$ 8,643	\$ 11,347	\$ 65,065
Subtotal - Commodity Transportation	\$ 11,557	\$ -	\$ -	\$ -	\$ 27	\$ -	\$ 128	\$ 12,867	\$ 15,084	\$ 8,646	\$ 8,807	\$ 11,469	\$ 68,585
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 594,098	\$ 656,373	\$ 418,546	\$ 399,117	\$ 487,687	\$ 643,248	\$ 3,199,069
Commodity Cost Reversals	\$ (545,188)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (594,098)	\$ (656,373)	\$ (418,546)	\$ (399,117)	\$ (487,687)	\$ (3,101,009)
Subtotal - Estimates	\$ (545,188)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 594,098	\$ 62,275	\$ (237,827)	\$ (19,429)	\$ 88,570	\$ 155,561	\$ 98,060
Subtotal - Supply	\$ (16)	\$ -	\$ -	\$ -	\$ 27	\$ -	\$ 594,226	\$ 656,469	\$ 418,339	\$ 399,179	\$ 484,739	\$ 643,315	\$ 3,196,278
Withdrawal - Underground Storage	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,069	\$ 33	\$ (48)	\$ -	\$ -	\$ 39	\$ 16,105
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,457	\$ 8,359	\$ (1,853)	\$ (14,586)	\$ 22,546	\$ 34,806	\$ 96,729
Off System Sales	\$ (112,213)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (23,615)	\$ (217,270)	\$ (116,270)	\$ -	\$ (469,368)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,545	\$ (5,074)	\$ (10,068)	\$ (1,050)	\$ 4,429	\$ 1,936	\$ (5,282)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,280	\$ 9,440	\$ 10,687	\$ 9,428	\$ 7,910	\$ 7,107	\$ 53,853
Transportation Charges	\$ (4,274)	\$ (14,607)	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ (15,849)	\$ (3,465)	\$ (1,925)	\$ 8,758	\$ (24,634)	\$ (55,988)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (34,896)	\$ (29,981)	\$ 42	\$ 652	\$ 156,015	\$ 15,564	\$ 107,396
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ (116,476)	\$ (14,607)	\$ 10	\$ -	\$ -	\$ -	\$ 42,456	\$ (33,073)	\$ (28,319)	\$ (224,751)	\$ 83,389	\$ 34,817	\$ (256,553)
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (23,615)	\$ (217,270)	\$ (116,270)	\$ -	\$ (101,288)	\$ (458,443)
Sales for Resale Reversals	\$ 112,213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,615	\$ 217,270	\$ 116,270	\$ -	\$ 469,368
Subtotal - Estimates	\$ 112,213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (23,615)	\$ (193,655)	\$ 101,000	\$ 116,270	\$ (101,288)	\$ 10,925
<b>Total Commodity Costs</b>	<b>\$ (4,279)</b>	<b>\$ (14,607)</b>	<b>\$ 10</b>	<b>\$ -</b>	<b>\$ 27</b>	<b>\$ -</b>	<b>\$ 636,682</b>	<b>\$ 599,782</b>	<b>\$ 196,365</b>	<b>\$ 275,428</b>	<b>\$ 684,398</b>	<b>\$ 576,844</b>	<b>\$ 2,950,650</b>
<b>Demand Costs</b>													
Assigned Summer Demand Costs (See DG 12-068)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 174,991	\$ 174,991	\$ 174,991	\$ 174,991	\$ 174,991	\$ 174,991	\$ 1,049,948
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,976	\$ 14,976	\$ 14,976	\$ 14,976	\$ 14,976	\$ 14,976	\$ 89,856
<b>Total Demand Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 189,967</b>	<b>\$ 189,967</b>	<b>\$ 189,967</b>	<b>\$ 189,967</b>	<b>\$ 189,967</b>	<b>\$ 189,967</b>	<b>\$ 1,139,804</b>
<b>Total Gas Costs</b>	<b>\$ (4,279)</b>	<b>\$ (14,607)</b>	<b>\$ 10</b>	<b>\$ -</b>	<b>\$ 27</b>	<b>\$ -</b>	<b>\$ 826,649</b>	<b>\$ 789,749</b>	<b>\$ 386,333</b>	<b>\$ 465,395</b>	<b>\$ 874,366</b>	<b>\$ 766,811</b>	<b>\$ 4,090,454</b>





NORTHERN UTILITIES, INC. - MAINE DIVISION  
2013 SUMMER SEASON COG RECONCILIATION  
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS  
November 2012 - October 2013

<u>Commodity Costs:</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>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Total Off Peak</u>
Chesapeake	\$ 125,339	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 216,622	\$ 197,078	\$ 188,873	\$ 173,722	\$ 168,928	\$ 1,070,562
DTE	\$ 249,373	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 148,751	\$ 133,332	\$ 132,595	\$ 123,742	\$ 119,543	\$ 907,337
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ 157,837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,109	\$ 55,121	\$ 124,333	\$ 362,399
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,922	\$ -	\$ -	\$ -	\$ 41,922
South Western	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 204,442	\$ 186,665	\$ 37,037	\$ -	\$ -	\$ 428,144
Subtotal - Commodity Supply	\$ 532,549	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 569,816	\$ 558,997	\$ 383,615	\$ 352,585	\$ 412,804	\$ 2,810,365
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125	\$ 113	\$ 38	\$ 56	\$ 94	\$ 69	\$ 496
Portland	\$ 53	\$ -	\$ -	\$ -	\$ 25	\$ -	\$ -	\$ 53	\$ 2,341	\$ 52	\$ 51	\$ 48	\$ 2,621
Tennessee	\$ 11,481	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,433	\$ 10,776	\$ 7,981	\$ 7,867	\$ 9,835	\$ 60,372
Subtotal - Commodity Transportation	\$ 11,534	\$ -	\$ -	\$ -	\$ 25	\$ -	\$ 125	\$ 12,599	\$ 13,155	\$ 8,089	\$ 8,012	\$ 9,951	\$ 63,489
Commodity Cost Estimates							\$ 582,334	\$ 572,329	\$ 391,647	\$ 363,284	\$ 422,687	\$ 659,401	\$ 2,991,682
Commodity Cost Reversals	\$ ( 544,099)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ( 582,334)	\$ ( 572,329)	\$ ( 391,647)	\$ ( 363,284)	\$ ( 422,687)	\$ ( 2,876,380)
Subtotal - Estimates	\$ ( 544,099)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 582,334	\$ ( 10,005)	\$ ( 180,682)	\$ ( 28,363)	\$ 59,403	\$ 236,714
Subtotal - Supply	\$ ( 16)	\$ -	\$ -	\$ -	\$ 25	\$ -	\$ 582,459	\$ 572,409	\$ 391,470	\$ 363,341	\$ 419,999	\$ 659,469	\$ 2,989,156
Withdrawal - Underground Storage	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,751	\$ 33	\$ ( 45)	\$ -	\$ -	\$ 40	\$ 15,790
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,518	\$ 7,288	\$ ( 1,734)	\$ ( 13,276)	\$ 19,541	\$ 35,680	\$ 94,017
Off System Sales	\$ ( 111,989)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ( 20,591)	\$ ( 203,307)	\$ ( 105,831)	\$ -	\$ ( 441,718)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,455	\$ ( 4,424)	\$ ( 9,421)	\$ ( 956)	\$ 3,839	\$ 1,984	\$ ( 4,523)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,097	\$ 8,231	\$ 10,000	\$ 8,582	\$ 6,856	\$ 7,285	\$ 50,052
Transportation Charges	\$ ( 4,266)	\$ ( 16,996)	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ ( 15,535)	\$ ( 3,992)	\$ ( 1,801)	\$ 7,971	\$ ( 21,351)	\$ ( 55,959)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ( 25,755)	\$ ( 5,933)	\$ 14,340	\$ 13,193	\$ 10,544	\$ 15,955	\$ 22,343
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 637	\$ 403	\$ 372	\$ 561	\$ 397	\$ 524	\$ 2,895
Subtotal - Other Commodity	\$ ( 116,243)	\$ ( 16,996)	\$ 11	\$ -	\$ -	\$ -	\$ 50,702	\$ ( 9,937)	\$ ( 11,070)	\$ ( 197,004)	\$ ( 56,683)	\$ 40,117	\$ ( 317,103)
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ( 20,591)	\$ ( 203,307)	\$ ( 105,831)	\$ -	\$ ( 103,831)	\$ ( 433,560)
Sales for Resale Reversals	\$ 111,989	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,591	\$ 203,307	\$ 105,831	\$ -	\$ 441,718
Subtotal - Estimates	\$ 111,989	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ( 20,591)	\$ ( 182,716)	\$ 97,476	\$ 105,831	\$ ( 103,831)	\$ 8,158
<b>Total Commodity Costs</b>	<b>\$ ( 4,270)</b>	<b>\$ ( 16,996)</b>	<b>\$ 11</b>	<b>\$ -</b>	<b>\$ 25</b>	<b>\$ -</b>	<b>\$ 633,161</b>	<b>\$ 541,881</b>	<b>\$ 197,684</b>	<b>\$ 263,813</b>	<b>\$ 469,148</b>	<b>\$ 595,755</b>	<b>\$ 2,680,211</b>
<b>Demand Costs</b>													
Assigned Summer Demand Costs (See 2012-413)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 172,313	\$ 172,313	\$ 172,313	\$ 172,313	\$ 172,313	\$ 172,313	\$ 1,033,876
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,195	\$ 2,195	\$ 2,195	\$ 2,195	\$ 2,195	\$ 2,195	\$ 13,170
<b>Total Demand Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 174,508</b>	<b>\$ 174,508</b>	<b>\$ 174,508</b>	<b>\$ 174,508</b>	<b>\$ 174,508</b>	<b>\$ 174,508</b>	<b>\$ 1,047,046</b>
<b>Total Gas Costs</b>	<b>\$ ( 4,270)</b>	<b>\$ ( 16,996)</b>	<b>\$ 11</b>	<b>\$ -</b>	<b>\$ 25</b>	<b>\$ -</b>	<b>\$ 807,669</b>	<b>\$ 716,388</b>	<b>\$ 372,192</b>	<b>\$ 438,321</b>	<b>\$ 643,655</b>	<b>\$ 770,263</b>	<b>\$ 3,727,257</b>







NORTHERN UTILITIES, INC. - BOTH DIVISIONS  
2013 SUMMER SEASON COG RECONCILIATION  
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS  
November 2012 - October 2013

<b>Commodity Costs:</b>	<b>Nov-12</b>	<b>Dec-12</b>	<b>Jan-13</b>	<b>Feb-13</b>	<b>Mar-13</b>	<b>Apr-13</b>	<b>May-13</b>	<b>Jun-13</b>	<b>Jul-13</b>	<b>Aug-13</b>	<b>Sep-13</b>	<b>Oct-13</b>	<b>Total Off Peak</b>
Chesapeake	\$ 250,929	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 437,621	\$ 423,096	\$ 390,718	\$ 364,579	\$ 363,834	\$ 2,230,777
DTE	\$ 499,246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,508	\$ 286,243	\$ 274,297	\$ 259,690	\$ 257,469	\$ 1,877,452
Distrigas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emera Energy	\$ 315,989	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,943	\$ 115,678	\$ 267,786	\$ 751,396
Repsol	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
South Western	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 413,014	\$ 400,741	\$ 76,618	\$ -	\$ -	\$ 890,373
Subtotal - Commodity Supply	\$ 1,066,164	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,151,143	\$ 1,200,080	\$ 793,576	\$ 739,947	\$ 889,089	\$ 5,839,998
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 253	\$ 243	\$ 80	\$ 118	\$ 202	\$ 136	\$ 1,032
Portland	\$ 106	\$ -	\$ -	\$ -	\$ 52	\$ -	\$ -	\$ 107	\$ 5,025	\$ 107	\$ 106	\$ 103	\$ 5,605
Tennessee	\$ 22,985	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,116	\$ 23,134	\$ 16,510	\$ 16,510	\$ 21,182	\$ 125,437
Subtotal - Commodity Transportation	\$ 23,092	\$ -	\$ -	\$ -	\$ 52	\$ -	\$ 253	\$ 25,466	\$ 28,238	\$ 16,735	\$ 16,818	\$ 21,421	\$ 132,074
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,176,432	\$ 1,228,702	\$ 810,193	\$ 762,401	\$ 910,374	\$ 1,302,649	\$ 6,190,751
Commodity Cost Reversals	\$ (1,089,287)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,176,432)	\$ (1,228,702)	\$ (810,193)	\$ (762,401)	\$ (910,374)	\$ (5,977,389)
Subtotal - Estimates	\$ (1,089,287)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,270	\$ (418,509)	\$ (47,792)	\$ 147,973	\$ 392,275	\$ 213,362
Subtotal - Supply	\$ (31)	\$ -	\$ -	\$ -	\$ 52	\$ -	\$ 1,176,685	\$ 1,228,879	\$ 809,809	\$ 762,519	\$ 904,738	\$ 1,302,784	\$ 6,185,435
Withdrawal - Underground Storage	\$ 23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,820	\$ 66	\$ (92)	\$ -	\$ -	\$ 79	\$ 31,895
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,975	\$ 15,647	\$ (3,587)	\$ (27,862)	\$ 42,088	\$ 70,485	\$ 190,746
Off System Sales	\$ (224,203)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (44,206)	\$ (420,576)	\$ (222,101)	\$ -	\$ (911,085)
Net OBA Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ (9,498)	\$ (19,489)	\$ (2,005)	\$ 8,268	\$ 3,920	\$ (9,805)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,377	\$ 17,672	\$ 20,688	\$ 18,010	\$ 14,766	\$ 14,392	\$ 103,905
Transportation Charges	\$ (8,540)	\$ (31,603)	\$ 21	\$ -	\$ -	\$ -	\$ -	\$ (31,385)	\$ (7,457)	\$ (3,727)	\$ 16,729	\$ (45,985)	\$ (111,947)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (60,651)	\$ (35,915)	\$ 14,382	\$ 13,845	\$ 166,559	\$ 31,518	\$ 129,739
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 637	\$ 403	\$ 372	\$ 561	\$ 397	\$ 524	\$ 2,895
Subtotal - Other Commodity	\$ (232,719)	\$ (31,603)	\$ 21	\$ -	\$ -	\$ -	\$ 93,158	\$ (43,010)	\$ (39,388)	\$ (421,754)	\$ 26,706	\$ 74,934	\$ (573,656)
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (44,206)	\$ (420,577)	\$ (222,101)	\$ -	\$ (205,119)	\$ (892,003)
Sales for Resale Reversals	\$ 224,202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,206	\$ 420,577	\$ 222,101	\$ -	\$ 911,086
Subtotal - Estimates	\$ 224,202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (44,206)	\$ (376,371)	\$ 198,476	\$ 222,101	\$ (205,119)	\$ 19,083
<b>Total Commodity Costs</b>	<b>\$ (8,549)</b>	<b>\$ (31,603)</b>	<b>\$ 21</b>	<b>\$ -</b>	<b>\$ 52</b>	<b>\$ -</b>	<b>\$ 1,269,843</b>	<b>\$ 1,141,663</b>	<b>\$ 394,050</b>	<b>\$ 539,241</b>	<b>\$ 1,153,546</b>	<b>\$ 1,172,599</b>	<b>\$ 5,630,861</b>
<b>Demand Costs</b>													
Assigned Summer Demand Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 347,304	\$ 347,304	\$ 347,304	\$ 347,304	\$ 347,304	\$ 347,304	\$ 2,083,824
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,171	\$ 17,171	\$ 17,171	\$ 17,171	\$ 17,171	\$ 17,171	\$ 103,026
<b>Total Demand Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 364,475</b>	<b>\$ 364,475</b>	<b>\$ 364,475</b>	<b>\$ 364,475</b>	<b>\$ 364,475</b>	<b>\$ 364,475</b>	<b>\$ 2,186,850</b>
<b>Total Costs</b>	<b>\$ (8,549)</b>	<b>\$ (31,603)</b>	<b>\$ 21</b>	<b>\$ -</b>	<b>\$ 52</b>	<b>\$ -</b>	<b>\$ 1,634,318</b>	<b>\$ 1,506,138</b>	<b>\$ 758,525</b>	<b>\$ 903,716</b>	<b>\$ 1,518,021</b>	<b>\$ 1,537,074</b>	<b>\$ 7,817,711</b>







**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION**  
**DEFERRED SUMMER SEASON WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS**  
**November 2012 - October 2013**

**SUMMER SEASON - Acct 182.21**

	<u>BEGINNING</u> <u>BALANCE (2)</u>	<u>WORKING CAP</u> <u>ALLOWANCE (1)</u>	<u>WORKING CAP</u> <u>PERCENTAGE</u>	<u>WORKING CAP</u> <u>COLLECTIONS</u>	<u>WORKING CAP</u> <u>DEFERRED</u>	<u>ENDING</u> <u>BALANCE</u>	<u>AVE MONTHLY</u> <u>BALANCE</u>	<u>INTEREST</u> <u>RATE</u>	<u>INTEREST</u>	<u>ENDING BAL</u> <u>W/ INTEREST</u>
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	J = F + I
November 2012	\$ 1,289	(4)	0.0824%	(73)	(76)	1,213	1,251	3.25%	3	1,216
December	\$ 1,216	(12)	0.0824%	(0)	(12)	1,204	1,210	3.25%	3	1,207
January 2013	\$ 1,207	0	0.0824%	(0)	(0)	1,207	1,207	3.25%	3	1,211
February	\$ 1,211	0	0.0824%	0	0	1,211	1,211	3.25%	3	1,214
March	\$ 1,214	0	0.0824%	(0)	(0)	1,214	1,214	3.25%	3	1,217
April	\$ 1,217	0	0.0824%	0	0	1,217	1,217	3.25%	3	1,220
May	\$ 1,220	681	0.0824%	(762)	(81)	1,140	1,180	3.25%	3	1,143
June	\$ 1,143	651	0.0824%	(490)	160	1,303	1,223	3.25%	3	1,307
July	\$ 1,307	318	0.0824%	(513)	(195)	1,112	1,209	3.25%	3	1,115
August	\$ 1,115	383	0.0824%	(489)	(105)	1,010	1,063	3.25%	3	1,013
September	\$ 1,013	720	0.0824%	(610)	110	1,123	1,068	3.25%	3	1,126
October	\$ 1,126	632	0.0824%	(900)	(268)	858	992	3.25%	3	861

**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION**  
**SUMMER SEASON BAD DEBT EXPENSE - CALCULATION OF COLLECTION ALLOWANCE**  
**November 2012 - October 2013**

**SUMMER SEASON- Acct 182.22**

	<u>BEGINNING</u> <u>BALANCE (1)</u>	<u>BAD DEBT</u> <u>ALLOWANCE</u>	<u>BAD DEBT</u> <u>COLLECTIONS</u>	<u>BAD DEBT</u> <u>DEFERRED</u> <u>BALANCE</u>	<u>ENDING</u> <u>BALANCE</u>	<u>AVE MO</u> <u>BALANCE</u>	<u>INTEREST</u> <u>RATE</u>	<u>INTEREST</u>	<u>END BAL</u> <u>W/ INTEREST</u>
	A	B	C	D = B + C	E = A + D	F = (A + E) / 2	G	H = F * (G / 12)	I = E + H
November 2012	(19,277)	133	(2,200)	(2,067)	(21,344)	(20,310)	3.25%	(55)	(21,399)
December	(21,399)	4,448	(5)	4,444	(16,955)	(19,177)	3.25%	(52)	(17,007)
January 2013	(17,007)	925	(2)	923	(16,084)	(16,545)	3.25%	(45)	(16,128)
February	(16,128)	464	5	469	(15,659)	(15,894)	3.25%	(43)	(15,702)
March	(15,702)	692	(1)	691	(15,011)	(15,357)	3.25%	(42)	(15,053)
April	(15,053)	1,402	1	1,403	(13,650)	(14,352)	3.25%	(39)	(13,689)
May	(13,689)	616	138	754	(12,935)	(13,312)	3.25%	(36)	(12,971)
June	(12,971)	697	33	730	(12,241)	(12,606)	3.25%	(34)	(12,275)
July	(12,275)	1,877	63	1,940	(10,335)	(11,305)	3.25%	(31)	(10,365)
August	(10,365)	2,085	51	2,136	(8,229)	(9,297)	3.25%	(25)	(8,254)
September	(8,254)	1,905	72	1,977	(6,277)	(7,265)	3.25%	(20)	(6,296)
October	(6,296)	3,097	114	3,212	(3,085)	(4,691)	3.25%	(13)	(3,098)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
SALES VARIANCE ANALYSIS  
SUMMER SEASON 2013

	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>TOTAL</u>
Forecast Billed Month Sales	216,804	131,494	89,817	83,759	87,562	153,155	762,591
Actual Sales	<u>187,661</u>	<u>117,038</u>	<u>74,249</u>	<u>79,056</u>	<u>80,775</u>	<u>104,563</u>	<u>643,342</u>
Difference	<u>(29,143)</u>	<u>(14,456)</u>	<u>(15,568)</u>	<u>(4,703)</u>	<u>(6,787)</u>	<u>(48,592)</u>	<u>(119,249)</u>
Variance-difference due to meter count							(19,092)
-difference in load pattern							<u>(100,158)</u>
SALES							<u><u>(119,250)</u></u>



NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
SALES VARIANCE ANALYSIS  
SUMMER SEASON 2013

	<u>NORMAL MMBtu</u>			<u>METERS</u>		
	2013 Forecast	2013 Actual	Difference	2013 Forecast	2013 Actual	Difference
Res Heat	333,212	290,505	(42,707)	21,592	21,609	16
Res General	12,244	10,940	(1,305)	1,684	1,554	(130)
Total Res	345,456	301,445	(44,012)	23,276	23,162	(114)
G-40	111,044	91,343	(19,701)	4,365	4,318	(47)
G-50	70,289	58,249	(12,040)	948	803	(145)
G-41	136,952	94,261	(42,691)	384	381	(3)
G-51	83,354	78,983	(4,371)	157	150	(8)
G-42	11,672	12,327	655	12	9	(3)
G-52	3,824	6,733	2,909	5	7	2
Total C & I	417,135	341,897	(75,238)	5,871	5,668	(203)
Total Company	762,591	643,342	(119,250)	29,147	28,830	(317)

	<u>NORMAL AVERAGE USE</u>			<u>Change in Sales Due to Change In:</u>		<u>Total Chg</u>	
	2013 Forecast	2013 Actual	Difference	<u>Meter Count</u>	<u>Load Pattern</u>	<u>MMBtu</u>	<u>% Difference</u>
Res Heat	15.43	13.44	(1.99)	251	(42,958)	(42,707)	-12.82%
Res General	7.27	7.04	(0.23)	(947)	(357)	(1,305)	-10.65%
Total Res	22.70	20.49	(2.22)	(696)	(43,316)	(44,012)	-12.74%
G-40	25.44	21.15	(4.28)	(1,202)	(18,499)	(19,701)	-17.74%
G-50	74.17	72.54	(1.63)	(10,727)	(1,313)	(12,040)	-17.13%
G-41	357.09	247.51	(109.58)	(961)	(41,730)	(42,691)	-31.17%
G-51	529.82	528.32	(1.50)	(4,146)	(225)	(4,371)	-5.24%
G-42	967.70	1,320.76	353.06	(2,640)	3,295	655	5.61%
G-52	729.19	961.87	232.68	1,280	1,629	2,909	76.07%
Total C & I	71.05	60.33	(10.73)	(18,396)	(56,842)	(75,238)	-18.04%
Total Company	26.16	22.32	(3.85)	(19,092)	(100,158)	(119,250)	-15.64%