

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2012 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 1: SUMMARY OF SUMMER SEASON BALANCE  
November 2011 - October 2012

	AMOUNT	
Summer Season Beg. Balance	(\$119,072)	SCHEDULE 2
Less: Reported Collections	(\$2,582,455)	SCHEDULE 2
Add: Cost of Firm Gas Allowable	\$2,857,601	SCHEDULE 4
Add: Interest	(\$8,427)	SCHEDULE 2
Summer Season Ending Balance	\$147,647	

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2012 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 2: ADJUSTMENTS TO REPORTED SUMMER SEASON ACCOUNTS  
November 2011 - October 2012  
Acct 191.10

	<u>Nov-11</u>	<u>Dec-11</u>	<u>Jan-12</u>	<u>Feb-12</u>	<u>Mar-12</u>	<u>Apr-12</u>	<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>Total</u>
<b>SUMMER SEASON</b>													
Summer Season Account Beginning Balance*	\$ (119,072)	\$ (329,649)	\$ (402,306)	\$ (400,801)	\$ (402,023)	\$ (396,840)	\$ (397,959)	\$ (267,470)	\$ (242,584)	\$ (168,146)	\$ (68,911)	\$ (53,445)	\$ (119,072)
Plus: Cost of Firm Gas (Schedule 4)	\$ (8,357)	\$ (70,763)	\$ 3,493	\$ -	\$ 6,882	\$ -	\$ 569,360	\$ 409,557	\$ 388,290	\$ 423,780	\$ 435,989	\$ 699,370	\$ 2,857,601
Less: Reported Collections (Schedule 3)	\$ (201,612)	\$ (905)	\$ (902)	\$ (136)	\$ (619)	\$ (45)	\$ (437,971)	\$ (383,981)	\$ (313,297)	\$ (324,224)	\$ (420,358)	\$ (498,406)	\$ (2,582,455)
Summer Season Account Ending Balance	\$ (329,042)	\$ (401,316)	\$ (399,715)	\$ (400,937)	\$ (395,759)	\$ (396,884)	\$ (266,570)	\$ (241,894)	\$ (167,591)	\$ (68,591)	\$ (53,280)	\$ 147,519	\$ 156,074
Month's Average Balance	\$ (224,057)	\$ (365,482)	\$ (401,010)	\$ (400,869)	\$ (398,891)	\$ (396,862)	\$ (332,265)	\$ (254,682)	\$ (205,087)	\$ (118,368)	\$ (61,095)	\$ 47,037	
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	\$ (607)	\$ (990)	\$ (1,086)	\$ (1,086)	\$ (1,080)	\$ (1,075)	\$ (900)	\$ (690)	\$ (555)	\$ (321)	\$ (165)	\$ 127	\$ (8,427)
Summer Season Account Ending Balance w/int	\$ (329,649)	\$ (402,306)	\$ (400,801)	\$ (402,023)	\$ (396,840)	\$ (397,959)	\$ (267,470)	\$ (242,584)	\$ (168,146)	\$ (68,911)	\$ (53,445)	\$ 147,647	\$ 147,647

\* Adjustments to Beginning Balance:

	<u>Nov-11</u>
Ending Balance from Prior Filing	\$ (104,463)
Adjustment related to final method used in allocating Allowance changes due to Rate Case	\$ 15,032
Adjustment to reflect cost impact of revised commodity allocators 2009 and 2010 Off-Peak Periods	\$ (29,641)
Total Adjustments	\$ (14,609)
Adjusted Ending Balance (as shown above)	\$ (119,072)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2012 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 3: REVENUE BACKUP TO REPORTED COLLECTIONS  
November 2011 - October 2012

	<u>Nov-11</u>	<u>Dec-11</u>	<u>Jan-12</u>	<u>Feb-12</u>	<u>Mar-12</u>	<u>Apr-12</u>	<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>Total</u>
Accrued Revenue	\$ (597,610)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 223,762	\$ (64,887)	\$ (11,910)	\$ 12,929	\$ 87,002	\$ 57,548	\$ (293,167)
Billed Revenue	\$ 799,222	\$ 905	\$ 902	\$ 136	\$ 619	\$ 45	\$ 214,210	\$ 448,868	\$ 325,207	\$ 311,296	\$ 333,356	\$ 440,858	\$ 2,875,622
Calendarized Revenue	\$ 201,612	\$ 905	\$ 902	\$ 136	\$ 619	\$ 45	\$ 437,971	\$ 383,981	\$ 313,297	\$ 324,224	\$ 420,358	\$ 498,406	\$ 2,582,455

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2012 SUMMER SEASON COG RECONCILIATION  
SCHEDULE 4: PURCHASED GAS COSTS ALLOCATED TO SUMMER SEASON  
November 2011 - October 2012

Commodity Costs	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Total Off Peak
Chesapeake	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,818	\$ 138,569	\$ -	\$ -	\$ 10,414	\$ 269,801
DTE	\$ 48,536	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,388	\$ 83,346	\$ 100,895	\$ 109,182	\$ 93,734	\$ 508,081
Distrigas	\$ 51,653	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,653
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 131,492	\$ 171,530	\$ 131,762	\$ 434,784
Hess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,487	\$ -	\$ -	\$ -	\$ -	\$ 145,487
Hiltz	\$ -	\$ (99)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (99)
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,420	\$ -	\$ 11,420
Repsol	\$ 271,525	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 271,525
Sempra	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sequent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
South Jersey Resources	\$ -	\$ -	\$ -	\$ -	\$ 11,402	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,402
Spark Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sprague Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Gas & Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Virginia Power	\$ 273,846	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,846)	\$ -	\$ -	\$ 269,000
Subtotal - Commodity Supply	\$ 645,560	\$ (99)	\$ -	\$ -	\$ 11,402	\$ -	\$ -	\$ 338,694	\$ 221,915	\$ 227,542	\$ 292,132	\$ 235,909	\$ 1,973,055
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 137	\$ 104	\$ 80	\$ 112	\$ 100	\$ 129	\$ 663
Portland	\$ 57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26	\$ -	\$ -	\$ 56	\$ 138
Tennessee	\$ 3,331	\$ 384	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,297	\$ 6,179	\$ 7,295	\$ 7,932	\$ 32,418
Subtotal - Commodity Transportation	\$ 3,388	\$ 384	\$ -	\$ -	\$ -	\$ -	\$ 137	\$ 104	\$ 7,403	\$ 6,291	\$ 7,395	\$ 8,117	\$ 33,219
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341,151	\$ 231,564	\$ 249,642	\$ 299,489	\$ 277,253	\$ 545,188	\$ 1,944,287
Commodity Cost Reversals	\$ (648,112)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (341,151)	\$ (231,564)	\$ (249,642)	\$ (299,489)	\$ (277,253)	\$ (2,047,211)
Subtotal - Estimates	\$ (648,112)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341,151	\$ (109,587)	\$ 18,078	\$ 49,847	\$ (22,236)	\$ 267,935	\$ (102,924)
Subtotal - Supply	\$ 836	\$ 285	\$ -	\$ -	\$ 11,402	\$ -	\$ 341,288	\$ 229,211	\$ 247,396	\$ 283,680	\$ 277,291	\$ 511,961	\$ 1,903,350
Withdrawal - Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,116	\$ 46,035	\$ 2,752	\$ 1,471	\$ 26,108	\$ 5,323	\$ 96,804
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 317	\$ (58)	\$ (56)	\$ 361	\$ (457)	\$ 1,075	\$ 1,181
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,083	\$ (6,769)	\$ (19,912)	\$ (12,784)	\$ 7,841	\$ 22,978	\$ (4,563)
Off System Sales	\$ (60,816)	\$ -	\$ -	\$ -	\$ (4,520)	\$ -	\$ -	\$ (51,697)	\$ (55,545)	\$ (57,689)	\$ 0	\$ (33,540)	\$ (263,807)
Net OBA Adjustment	\$ (14,674)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (7,408)	\$ (5,966)	\$ 18	\$ (2,676)	\$ 274	\$ 3,043	\$ (27,388)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,992	\$ 4,100	\$ 4,854	\$ 5,046	\$ 4,703	\$ 2,612	\$ 25,307
Transportation Charges	\$ 5,481	\$ (71,048)	\$ 3,493	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,259	\$ 1,766	\$ (19,247)	\$ 7,972	\$ (65,325)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 121,426	\$ 2,067	\$ 1,955	\$ 1,758	\$ 1,367	\$ 84,971	\$ 213,544
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Other Commodity	\$ (70,009)	\$ (71,048)	\$ 3,493	\$ -	\$ (4,520)	\$ -	\$ 137,526	\$ (12,288)	\$ (59,676)	\$ (62,747)	\$ 20,589	\$ 94,433	\$ (24,247)
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (81,103)	\$ (60,118)	\$ (31,197)	\$ -	\$ (33,540)	\$ (112,213)	\$ (318,171)
Sales for Resale Reversals	\$ 60,816	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,103	\$ 60,118	\$ 31,197	\$ -	\$ 33,540	\$ 266,774
Subtotal - Estimates	\$ 60,816	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (81,103)	\$ 20,985	\$ 28,921	\$ 31,197	\$ (33,540)	\$ (78,673)	\$ (51,397)
<b>Total Commodity Costs</b>	<b>\$ (8,357)</b>	<b>\$ (70,763)</b>	<b>\$ 3,493</b>	<b>\$ -</b>	<b>\$ 6,882</b>	<b>\$ -</b>	<b>\$ 397,711</b>	<b>\$ 237,908</b>	<b>\$ 216,641</b>	<b>\$ 252,130</b>	<b>\$ 264,340</b>	<b>\$ 527,721</b>	<b>\$ 1,827,707</b>
<b>Demand Costs</b>													
Assigned Summer Demand Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 157,319	\$ 157,319	\$ 157,319	\$ 157,319	\$ 157,319	\$ 157,319	\$ 943,912
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,331	\$ 14,330	\$ 14,331	\$ 14,331	\$ 14,331	\$ 14,331	\$ 85,982
<b>Total Demand Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 171,649</b>	<b>\$ 171,648</b>	<b>\$ 171,649</b>	<b>\$ 171,649</b>	<b>\$ 171,649</b>	<b>\$ 171,649</b>	<b>\$ 1,029,895</b>
<b>Total Gas Costs</b>	<b>\$ (8,357)</b>	<b>\$ (70,763)</b>	<b>\$ 3,493</b>	<b>\$ -</b>	<b>\$ 6,882</b>	<b>\$ -</b>	<b>\$ 569,360</b>	<b>\$ 409,557</b>	<b>\$ 388,290</b>	<b>\$ 423,780</b>	<b>\$ 435,989</b>	<b>\$ 699,370</b>	<b>\$ 2,857,601</b>



# REDACTED

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
2012 SUMMER SEASON COG RECONCILIATION  
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN COST PER UNIT  
November 2011 - October 2012

<u>Commodity Costs per Unit:</u>	<u>Nov-11</u>	<u>Dec-11</u>	<u>Jan-12</u>	<u>Feb-12</u>	<u>Mar-12</u>	<u>Apr-12</u>	<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>Total Off Peak</u>
Chesapeake													
DTE													
Distrigas													
Emera Energy													
Hess													
Hiltz													
JP Morgan													
Repsol													
Sempra													
Sequent													
South Jersey Resources													
Spark Energy													
Sprague Energy													
Total Gas & Power													
Virginia Power													
Subtotal - Commodity Supply													
Granite													
Portland													
Tennessee													
Subtotal - Commodity Transportation													
Commodity Volume Estimates													
Commodity Volume Reversals													
Subtotal - Estimates													
Subtotal - Supply													
Withdrawal - Underground Storage													
Withdrawal - LNG Vaporization													
ATV Reconciliation Charges													
Off System Sales													
Net OBA Adjustment													
LNG Boiloff													
Transportation													
Hedging Costs													
Propane													
Subtotal - Other Commodity													
Off System Sales Estimates													
Off System Sales Reversals													
Subtotal - Estimates													
<b>Total Commodity Costs per unit</b>													
 <b><u>Demand Costs</u></b>													
Per Unit Summer Demand Costs													
Miscellaneous Overhead													
<b>Total Demand Costs</b>													
 <b>Total Costs</b>													

NORTHERN UTILITIES, INC. - MAINE DIVISION  
2012 SUMMER SEASON COG RECONCILIATION  
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS  
November 2011 - October 2012

<u>Commodity Costs:</u>	<u>Nov-11</u>	<u>Dec-11</u>	<u>Jan-12</u>	<u>Feb-12</u>	<u>Mar-12</u>	<u>Apr-12</u>	<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>Total Off Peak</u>
Chesapeake	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 117,670	\$ 128,578	\$ -	\$ -	\$ 8,736	\$ 254,984
DTE	\$ 47,514	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,502	\$ 77,336	\$ 85,465	\$ 91,078	\$ 78,634	\$ 450,529
Distrigas	\$ 50,565	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,565
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,382	\$ 143,089	\$ 110,536	\$ 365,007
Hess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 141,697	\$ -	\$ -	\$ -	\$ -	\$ 141,697
Hiltz	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,526	\$ -	\$ 9,526
Repsol	\$ 265,802	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 265,802
Sempra	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sequent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
South Jersey Resources	\$ -	\$ -	\$ -	\$ -	\$ 10,798	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,798
Spark Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sprague Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Gas & Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Virginia Power	\$ 268,074	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,104)	\$ -	\$ -	\$ 263,969
Subtotal - Commodity Supply	\$ 631,954	\$ -	\$ -	\$ -	\$ 10,798	\$ -	\$ -	\$ 329,869	\$ 205,914	\$ 192,742	\$ 243,693	\$ 197,907	\$ 1,812,878
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 133	\$ 97	\$ 68	\$ 94	\$ 84	\$ 129	\$ 605
Portland	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25	\$ -	\$ -	\$ 47	\$ 127
Tennessee	\$ 3,261	\$ 363	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,771	\$ 5,234	\$ 6,086	\$ 6,654	\$ 28,369
Subtotal - Commodity Transportation	\$ 3,316	\$ 363	\$ -	\$ -	\$ -	\$ -	\$ 133	\$ 97	\$ 6,864	\$ 5,328	\$ 6,170	\$ 6,830	\$ 29,101
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332,261	\$ 214,868	\$ 211,464	\$ 249,830	\$ 232,592	\$ 544,099	\$ 1,785,114
Commodity Cost Reversals	\$ (634,515)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (332,261)	\$ (214,868)	\$ (211,464)	\$ (249,830)	\$ (232,592)	\$ (1,875,530)
Subtotal - Estimates	\$ (634,515)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332,261	\$ (117,393)	\$ (3,404)	\$ 38,366	\$ (17,238)	\$ 311,507	\$ (90,416)
Subtotal - Supply	\$ 755	\$ 363	\$ -	\$ -	\$ 10,798	\$ -	\$ 332,394	\$ 212,573	\$ 209,374	\$ 236,436	\$ 232,625	\$ 516,244	\$ 1,751,563
Withdrawal - Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,722	\$ 42,715	\$ 2,447	\$ 1,227	\$ 21,902	\$ 5,300	\$ 88,314
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 309	\$ (54)	\$ (48)	\$ 302	\$ (384)	\$ 1,072	\$ 1,198
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,977	\$ (6,281)	\$ (16,867)	\$ (10,664)	\$ 6,578	\$ 22,932	\$ (325)
Off System Sales	\$ (59,540)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (50,350)	\$ (51,540)	\$ (48,867)	\$ 0	\$ (28,137)	\$ (238,433)
Net OBA Adjustment	\$ (12,846)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (7,215)	\$ (5,536)	\$ 15	\$ (2,232)	\$ 230	\$ 3,037	\$ (24,547)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,888	\$ 3,804	\$ 4,112	\$ 4,209	\$ 3,945	\$ 2,607	\$ 22,565
Transportation Charges	\$ 5,366	\$ (62,350)	\$ 3,782	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,807	\$ 1,496	\$ (16,056)	\$ 6,688	\$ (55,267)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 118,262	\$ 1,918	\$ 1,656	\$ 1,467	\$ 1,146	\$ 84,801	\$ 209,251
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 499	\$ 477	\$ 453	\$ 543	\$ 613	\$ 659	\$ 3,243
Subtotal - Other Commodity	\$ (67,020)	\$ (62,350)	\$ 3,782	\$ -	\$ -	\$ -	\$ 134,441	\$ (13,306)	\$ (53,964)	\$ (52,519)	\$ 17,975	\$ 98,958	\$ 5,998
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (78,990)	\$ (55,783)	\$ (26,425)	\$ -	\$ (28,137)	\$ (111,989)	\$ (301,324)
Sales for Resale Reversals	\$ 59,540	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,990	\$ 55,783	\$ 26,425	\$ -	\$ 28,137	\$ 248,875
Subtotal - Estimates	\$ 59,540	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (78,990)	\$ 23,207	\$ 29,358	\$ 26,425	\$ (28,137)	\$ (83,852)	\$ (52,449)
<b>Total Commodity Costs</b>	<b>\$ (6,725)</b>	<b>\$ (61,987)</b>	<b>\$ 3,782</b>	<b>\$ -</b>	<b>\$ 10,798</b>	<b>\$ -</b>	<b>\$ 387,846</b>	<b>\$ 222,474</b>	<b>\$ 184,768</b>	<b>\$ 210,341</b>	<b>\$ 222,463</b>	<b>\$ 531,350</b>	<b>\$ 1,705,112</b>
<b>Demand Costs</b>													
Assigned Summer Demand Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 142,053	\$ 142,053	\$ 142,053	\$ 142,053	\$ 142,053	\$ 142,053	\$ 852,315
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,570	\$ 1,570	\$ 1,570	\$ 1,570	\$ 1,570	\$ 1,570	\$ 9,419
<b>Total Demand Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 143,622</b>	<b>\$ 143,622</b>	<b>\$ 143,622</b>	<b>\$ 143,622</b>	<b>\$ 143,622</b>	<b>\$ 143,622</b>	<b>\$ 861,734</b>
<b>Total Gas Costs</b>	<b>\$ (6,725)</b>	<b>\$ (61,987)</b>	<b>\$ 3,782</b>	<b>\$ -</b>	<b>\$ 10,798</b>	<b>\$ -</b>	<b>\$ 531,468</b>	<b>\$ 366,096</b>	<b>\$ 328,391</b>	<b>\$ 353,964</b>	<b>\$ 366,086</b>	<b>\$ 674,972</b>	<b>\$ 2,566,845</b>







NORTHERN UTILITIES, INC. - BOTH DIVISIONS  
2012 SUMMER SEASON COG RECONCILIATION  
COST OF GAS ADJUSTMENT - FORM III, Schedule 4 - IN DOLLARS  
November 2011 - October 2012

<b>Commodity Costs:</b>	<b>Nov-11</b>	<b>Dec-11</b>	<b>Jan-12</b>	<b>Feb-12</b>	<b>Mar-12</b>	<b>Apr-12</b>	<b>May-12</b>	<b>Jun-12</b>	<b>Jul-12</b>	<b>Aug-12</b>	<b>Sep-12</b>	<b>Oct-12</b>	<b>Total Off Peak</b>
Chesapeake	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 238,488	\$ 267,147	\$ -	\$ -	\$ 19,151	\$ 524,786
DTE	\$ 96,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 142,891	\$ 160,682	\$ 186,360	\$ 200,260	\$ 172,368	\$ 958,611
Distrigas	\$ 102,218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,218
Emera Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 242,874	\$ 314,619	\$ 242,298	\$ 799,791
Hess	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287,184	\$ -	\$ -	\$ -	\$ -	\$ 287,184
Hiltz	\$ -	\$ (99)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (99)
JP Morgan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,946	\$ -	\$ 20,946
Repsol	\$ 537,327	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 537,327
Sempra	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sequent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
South Jersey Resources	\$ -	\$ -	\$ -	\$ -	\$ 22,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,200
Spark Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sprague Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Gas & Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Virginia Power	\$ 541,919	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (8,950)	\$ -	\$ -	\$ 532,969
Subtotal - Commodity Supply	\$ 1,277,514	\$ (99)	\$ -	\$ -	\$ 22,200	\$ -	\$ -	\$ 668,563	\$ 427,829	\$ 420,284	\$ 535,825	\$ 433,816	\$ 3,785,933
Granite	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270	\$ 201	\$ 148	\$ 206	\$ 184	\$ 258	\$ 1,268
Portland	\$ 112	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51	\$ -	\$ -	\$ 103	\$ 265
Tennessee	\$ 6,592	\$ 747	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,068	\$ 11,413	\$ 13,381	\$ 14,585	\$ 60,786
Subtotal - Commodity Transportation	\$ 6,704	\$ 747	\$ -	\$ -	\$ -	\$ -	\$ 270	\$ 201	\$ 14,267	\$ 11,619	\$ 13,565	\$ 14,946	\$ 62,320
Commodity Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 673,412	\$ 446,432	\$ 461,106	\$ 549,319	\$ 509,845	\$ 1,089,287	\$ 3,729,401
Commodity Cost Reversals	\$ (1,282,627)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (673,412)	\$ (446,432)	\$ (461,106)	\$ (549,319)	\$ (509,845)	\$ (3,922,741)
Subtotal - Estimates	\$ (1,282,627)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 673,412	\$ (226,980)	\$ 14,674	\$ 88,213	\$ (39,474)	\$ 579,442	\$ (193,340)
Subtotal - Supply	\$ 1,591	\$ 648	\$ -	\$ -	\$ 22,200	\$ -	\$ 673,682	\$ 441,784	\$ 456,770	\$ 520,116	\$ 509,916	\$ 1,028,205	\$ 3,654,913
Withdrawal - Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,838	\$ 88,750	\$ 5,199	\$ 2,698	\$ 48,010	\$ 10,623	\$ 185,118
Withdrawal - LNG Vaporization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 626	\$ (112)	\$ (104)	\$ 663	\$ (841)	\$ 2,147	\$ 2,379
ATV Reconciliation Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,060	\$ (13,049)	\$ (36,779)	\$ (23,448)	\$ 14,419	\$ 45,909	\$ (4,888)
Off System Sales	\$ (120,356)	\$ -	\$ -	\$ -	\$ (4,520)	\$ -	\$ -	\$ (102,047)	\$ (107,085)	\$ (106,556)	\$ 1	\$ (61,678)	\$ (502,240)
Net OBA Adjustment	\$ (27,520)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (14,623)	\$ (11,502)	\$ 33	\$ (4,908)	\$ 505	\$ 6,080	\$ (51,935)
LNG Boiloff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,880	\$ 7,904	\$ 8,966	\$ 9,255	\$ 8,648	\$ 5,219	\$ 47,872
Transportation Charges	\$ 10,846	\$ (133,398)	\$ 7,275	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,066	\$ 3,261	\$ (35,302)	\$ 14,659	\$ (120,592)
Hedging Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 239,688	\$ 3,985	\$ 3,611	\$ 3,225	\$ 2,513	\$ 169,772	\$ 422,794
Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 499	\$ 477	\$ 453	\$ 543	\$ 613	\$ 659	\$ 3,243
Subtotal - Other Commodity	\$ (137,030)	\$ (133,398)	\$ 7,275	\$ -	\$ (4,520)	\$ -	\$ 271,967	\$ (25,594)	\$ (113,639)	\$ (115,266)	\$ 38,564	\$ 193,391	\$ (18,249)
Sales for Resale Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (160,093)	\$ (115,901)	\$ (57,622)	\$ -	\$ (61,677)	\$ (224,202)	\$ (619,495)
Sales for Resale Reversals	\$ 120,356	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,093	\$ 115,901	\$ 57,622	\$ -	\$ 61,677	\$ 515,649
Subtotal - Estimates	\$ 120,356	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (160,093)	\$ 44,192	\$ 58,279	\$ 57,622	\$ (61,677)	\$ (162,525)	\$ (103,846)
<b>Total Commodity Costs</b>	<b>\$ (15,082)</b>	<b>\$ (132,749)</b>	<b>\$ 7,275</b>	<b>\$ -</b>	<b>\$ 17,680</b>	<b>\$ -</b>	<b>\$ 785,556</b>	<b>\$ 460,382</b>	<b>\$ 401,409</b>	<b>\$ 462,472</b>	<b>\$ 486,803</b>	<b>\$ 1,059,071</b>	<b>\$ 3,532,818</b>
<b>Demand Costs</b>													
Assigned Summer Demand Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299,371	\$ 299,371	\$ 299,371	\$ 299,371	\$ 299,371	\$ 299,371	\$ 1,796,227
Miscellaneous Overhead	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,900	\$ 15,900	\$ 15,900	\$ 15,900	\$ 15,900	\$ 15,900	\$ 95,401
<b>Total Demand Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 315,272</b>	<b>\$ 315,271</b>	<b>\$ 315,272</b>	<b>\$ 315,272</b>	<b>\$ 315,272</b>	<b>\$ 315,272</b>	<b>\$ 1,891,628</b>
<b>Total Costs</b>	<b>\$ (15,082)</b>	<b>\$ (132,749)</b>	<b>\$ 7,275</b>	<b>\$ -</b>	<b>\$ 17,680</b>	<b>\$ -</b>	<b>\$ 1,100,828</b>	<b>\$ 775,653</b>	<b>\$ 716,681</b>	<b>\$ 777,743</b>	<b>\$ 802,075</b>	<b>\$ 1,374,342</b>	<b>\$ 5,424,446</b>







**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION**  
**DEFERRED SUMMER SEASON WORKING CAPITAL ALLOWANCE ON PURCHASED GAS COSTS**  
**November 2011 - October 2012**

**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 2011*	\$ (400)	(7)	0.0824%	248	241	(159)	(279)	3.25%	(1)	(160)
December	\$ (160)	(58)	0.0824%	1	(57)	(217)	(188)	3.25%	(1)	(217)
January 2012	\$ (217)	3	0.0824%	1	4	(214)	(216)	3.25%	(1)	(214)
February	\$ (214)	0	0.0824%	0	0	(214)	(214)	3.25%	(1)	(215)
March	\$ (215)	6	0.0824%	1	6	(208)	(211)	3.25%	(1)	(209)
April	\$ (209)	0	0.0824%	0	0	(209)	(209)	3.25%	(1)	(209)
May	\$ (209)	469	0.0824%	(180)	289	79	(65)	3.25%	(0)	79
June	\$ 79	337	0.0824%	(139)	199	278	179	3.25%	0	278
July	\$ 278	320	0.0824%	(125)	195	473	376	3.25%	1	474
August	\$ 474	349	0.0824%	(101)	248	722	598	3.25%	2	724
September	\$ 724	359	0.0824%	(151)	208	932	828	3.25%	2	934
October	\$ 934	576	0.0824%	(224)	352	1,286	1,110	3.25%	3	1,289

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

(2) Adjustments to Beginning Balance:

	<u>Nov-11</u>
Ending Balance from Prior Filing	(\$952)
Adjustment related to final method used in allocating Allowance changes due to Rate Case	\$569
Adjustment to reflect cost impact of revised commodity allocators 2009 and 2010 Off-Peak Periods plus interest	(\$17)
Total Adjustments	\$552
Adjusted Ending Balance	<u>(\$400)</u>

**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION**  
**SUMMER SEASON BAD DEBT EXPENSE - CALCULATION OF COLLECTION ALLOWANCE**  
**November 2011 - October 2012**

**SUMMER SEASON- Acct 182.22**

	<b>BEGINNING</b>	<b>BAD DEBT</b>	<b>% ALLOWED</b>	<b>BAD DEBT</b>	<b>BAD DEBT</b>	<b>ENDING</b>	<b>AVE MO</b>	<b>INTEREST</b>	<b>INTEREST</b>	<b>END BAL</b>
	<b>BALANCE (1)</b>	<b>ALLOWANCE</b>	<b>BAD DEBT</b>	<b>COLLECTIONS</b>	<b>DEFERRED</b>	<b>BALANCE</b>	<b>BALANCE</b>	<b>RATE</b>	<b>INTEREST</b>	<b>W/ INTEREST</b>
	A	B	C	D	E = B + D	F = A + E	G = (A + F) / 2	H	I = G * (H / 12)	J = F + I
November 2011*	(353)	1,616		(1,213)	403	50	(151)	3.25%	(0)	50
December	50	(6,028)		(5)	(6,033)	(5,983)	(2,967)	3.25%	(8)	(5,991)
January 2012	(5,991)	2,960		(5)	2,955	(3,036)	(4,514)	3.25%	(12)	(3,048)
February	(3,048)	749		(1)	748	(2,300)	(2,674)	3.25%	(7)	(2,307)
March	(2,307)	3,436		(4)	3,432	1,125	(591)	3.25%	(2)	1,123
April	1,123	429		(0)	428	1,551	1,337	3.25%	4	1,555
May	1,555	959		(5,289)	(4,329)	(2,774)	(610)	3.25%	(2)	(2,776)
June	(2,776)	277		(4,842)	(4,565)	(7,341)	(5,058)	3.25%	(14)	(7,354)
July	(7,354)	2,577		(4,013)	(1,436)	(8,790)	(8,072)	3.25%	(22)	(8,812)
August	(8,812)	2,031		(3,922)	(1,891)	(10,703)	(9,758)	3.25%	(26)	(10,729)
September	(10,729)	1,102		(5,333)	(4,231)	(14,961)	(12,845)	3.25%	(35)	(14,996)
October	(14,996)	2,079		(6,313)	(4,235)	(19,230)	(17,113)	3.25%	(46)	(19,277)

(1) Adjustments to Beginning Balance:

	<u>Nov-11</u>
Ending Balance from Prior Filing	(\$1,283)
Adjustment related to final method used in allocating Allowance changes due to Rate Case	<u>\$1,049</u>
Adjustment to reflect cost impact of revised commodity allocators 2009 and 2010 Off-Peak Periods plus interest	(\$118)
Total Adjustments	<u>\$931</u>
Adjusted Ending Balance	<u>(\$353)</u>

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
SALES VARIANCE ANALYSIS  
SUMMER SEASON 2012

	<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>TOTAL</u>
Forecast Calendar Month Sales	134,649	108,336	105,728	107,572	116,580	173,792	746,657
Actual Sales	<u>106,365</u>	<u>91,696</u>	<u>81,165</u>	<u>77,983</u>	<u>101,984</u>	<u>129,654</u>	<u>588,848</u>
Difference	<u>(28,284)</u>	<u>(16,640)</u>	<u>(24,563)</u>	<u>(29,589)</u>	<u>(14,596)</u>	<u>(44,137)</u>	<u>(157,810)</u>
Add:							
Volume Variance due to Weather							
Normal Cal. Month Actual Sales	106,365	91,696	81,165	77,983	101,984	129,654	588,848
Actual Sales	<u>106,365</u>	<u>91,696</u>	<u>81,165</u>	<u>77,983</u>	<u>101,984</u>	<u>129,654</u>	<u>588,848</u>
Weather Variance	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Variance Excluding Weather (excl weather effect)	<u>(28,284)</u>	<u>(16,640)</u>	<u>(24,563)</u>	<u>(29,589)</u>	<u>(14,596)</u>	<u>(44,137)</u>	<u>(157,810)</u>
Variance-difference due to meter count							(42,301)
-difference in load pattern							<u>(115,509)</u>
SALES							<u>(157,810)</u>



NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION  
SALES VARIANCE ANALYSIS  
SUMMER SEASON 2012

	<u>NORMAL MMBtu</u>			<u>METERS</u>		
	<u>2012 Forecast</u>	<u>2012 Actual</u>	<u>Difference</u>	<u>2012 Forecast</u>	<u>2012 Actual</u>	<u>Difference</u>
Res Heat	331,818	265,814	(66,005)	126,876	126,759	(117)
Res General	12,184	10,746	(1,438)	9,318	9,173	(145)
Total Res	344,002	276,560	(67,442)	136,194	135,932	(262)
G-40	94,552	87,321	(7,231)	25,865	25,254	(611)
G-50	73,750	63,774	(9,975)	5,735	5,131	(604)
G-41	117,518	73,882	(43,635)	2,356	2,098	(258)
G-51	98,617	69,209	(29,408)	1,026	868	(158)
G-42	14,493	12,932	(1,562)	102	58	(44)
G-52	3,726	5,170	1,444	24	41	17
Total C & I	402,655	312,288	(90,367)	35,109	33,450	(1,659)
Total Company	746,657	588,848	(157,810)	171,303	169,382	(1,921)

	<u>NORMAL AVERAGE USE</u>			<u>Change in Sales Due to Change In:</u>		<u>Total Chg</u>	<u>%</u>
	<u>2012 Forecast</u>	<u>2012 Actual</u>	<u>Difference</u>	<u>Meter Count</u>	<u>Load Pattern</u>	<u>MMBtu</u>	<u>Difference</u>
Res Heat	2.62	2.10	(0.52)	(306)	(65,699)	(66,005)	-19.89%
Res General	1.31	1.17	(0.14)	(190)	(1,248)	(1,438)	-11.80%
Total Res	3.92	3.27	(0.65)	(496)	(66,947)	(67,442)	-19.61%
G-40	3.66	3.46	(0.20)	(2,232)	(4,999)	(7,231)	-7.65%
G-50	12.86	12.43	(0.43)	(7,771)	(2,205)	(9,975)	-13.53%
G-41	49.87	35.22	(14.66)	(12,883)	(30,752)	(43,635)	-37.13%
G-51	96.13	79.73	(16.40)	(15,177)	(14,232)	(29,408)	-29.82%
G-42	141.93	222.96	81.03	(6,261)	4,700	(1,562)	-10.77%
G-52	152.31	126.09	(26.22)	2,519	(1,075)	1,444	38.75%
Total C & I	11.47	9.34	(2.13)	(41,805)	(48,562)	(90,367)	-22.44%
Total Company	4.36	3.48	(0.88)	(42,301)	(115,509)	(157,810)	-21.14%