

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
Calculation of the Projected Over or Under Collection of the
Winter 2013 - 2014 Period Cost of Gas
DG 13-257
February 2013 Estimated

Under/(Over) collection as of 11/01/13		\$ (1,020,997)
Forecasted firm therm sales 02/01/14 - 04/30/14		
Residential Heat & Non Heat	6,168,545	
HLF Classes	920,767	
LLF Classes	5,293,264	
Current recovery rate per therm		
Residential heat & non heat	\$0.9569	
HLF classes	\$0.8801	
LLF classes	\$0.9703	
Total	\$ (11,849,102)	
Forecasted recovered costs at current rates 02/01/14 - 04/30/14		\$ (11,849,102)
Actual recovered costs 11/01/13 - 01/31/14		\$ (16,172,350)
Estimated total recovered costs 11/01/13 - 04/30/14		\$ (28,021,452)
Revised projected direct gas costs 11/01/13 - 04/30/14 [1]		\$ 27,677,395
Revised projected indirect gas costs 11/01/13 - 04/30/14 [2]		\$ 806,852
Projected under/(over) collection as of 04/30/14		\$ (558,202)

Actual gas costs to date 11/01/13 - 01/31/14	\$ 14,890,157.03
Revised projected indirect gas costs 02/01/14 - 04/30/14 [2]	\$ 455,387
Revised projected direct gas costs 02/01/14 - 04/30/14 [1]	\$ 13,138,703
Estimated total adjusted gas costs 11/1/13 - 04/30/14	\$ 28,484,247

Under/(over) collection as percent of total gas costs	-1.96%
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Projected under/(over) collection as of 04/30/14	\$ (558,202)
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NOTES

[1] Revised as follows:

- Futures prices as of February 21, 2014

[2] Includes: Working Capital Allowance, Bad Debt Allowance, Production and Storage Capacity, Miscellaneous Overhead, Refunds and Interest

Peak Period

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

	Summer							Winter						Total
	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	(Forecast) Nov-13	(Forecast) Dec-13	(Forecast) Jan-14	(Forecast) Feb-14	(Forecast) Mar-14	(Forecast) Apr-14	
Sales Revenues														
Volumes														
Residential Heat & Non Heat								1,782,979	2,784,311	3,316,119	2,772,182	2,137,008	1,259,354	14,051,954
Sales HLF Classes								266,142	415,609	494,991	413,799	318,987	187,982	2,097,509
Sales LLF Classes								1,529,984	2,389,233	2,845,581	2,378,826	1,833,779	1,080,659	12,058,062
Total								3,579,105	5,589,153	6,656,691	5,564,807	4,289,774	2,527,995	28,207,525
Rates														
Residential Heat & Non Heat CGA								\$0.8530	\$0.8530	\$0.9569	\$0.9569	\$0.9569	\$0.9569	
Sales HLF Classes CGA								\$0.7762	\$0.7762	\$0.8801	\$0.8801	\$0.8801	\$0.8801	
Sales LLF Classes CGA								\$0.8664	\$0.8664	\$0.9703	\$0.9703	\$0.9703	\$0.9703	
Revenues														
Residential Heat & Non Heat											\$ (2,652,701)	\$ (2,044,903)	\$ (1,205,076)	\$ (5,902,681)
Sales HLF Classes											\$ (364,184)	\$ (280,741)	\$ (165,443)	\$ (810,367)
Sales LLF Classes											\$ (2,308,175)	\$ (1,779,316)	\$ (1,048,564)	\$ (5,136,054)
Total Sales Revenues								\$ (2,747,539)	\$ (5,166,571)	\$ (8,258,240)	\$ (5,325,060)	\$ (4,104,960)	\$ (2,419,083)	\$ (28,021,452)
Gas Costs and Credits														
		(Forecast) May-14	(Forecast) Jun-14	(Forecast) Jul-14	(Forecast) Aug-14	(Forecast) Sep-14	(Forecast) Oct-14	(Forecast) Nov-13	(Forecast) Dec-13	(Forecast) Jan-14	(Forecast) Feb-14	(Forecast) Mar-14	(Forecast) Apr-14	Total
Net Demand Costs (Net of Injection Fees & Cap. Assign.)														
Pipeline		\$ 216,193	\$ 216,193	\$ 216,193	\$ 217,911	\$ 217,911	\$ 217,911				\$ 216,193	\$ 216,193	\$ 216,193	\$ 1,950,891
Storage		\$ 462,632	\$ 462,632	\$ 462,632	\$ 465,635	\$ 465,635	\$ 465,635				\$ 1,438,336	\$ 1,438,336	\$ 462,632	\$ 6,124,105
Peaking		\$ 53,252	\$ 53,252	\$ 53,252	\$ 56,664	\$ 56,664	\$ 56,664				\$ 136,491	\$ 126,616	\$ 53,252	\$ 646,105
Total Demand Costs		\$ 291,885	\$ 295,436	\$ 206,614	\$ 210,776	\$ 202,901		\$ 1,444,687	\$ 1,431,577	\$ 1,508,810	\$ 1,791,020	\$ 1,781,144	\$ 732,077	\$ 10,114,795
NUI Commodity Costs														
NUI Total Pipeline Volumes											622,370	673,991	534,134	1,830,495
Pipeline Costs Modeled in Sendout™											\$ 4,400,000	\$ 4,900,000	\$ 2,900,000	\$ 12,200,000
NYMEX Price Used for Forecast											\$ 3,9120	\$ 3,8770	\$ 3,8090	
NYMEX Price Used for Update											\$ 5,5570	\$ 6,1350	\$ 5,0120	
Increase/(Decrease) NYMEX Price											\$ 1,65	\$ 2,26	\$ 1,20	
Increase/(Decrease) in Pipeline Costs											\$ 1,023,799	\$ 1,521,872	\$ 642,563	
Updated Pipeline Costs											\$ 5,423,799	\$ 6,421,872	\$ 3,542,563	
Interruptible Volumes - NH											0	0	0	
Average Supply Cost (\$/MMBtu)											\$ 8.71	\$ 9.53	\$ 6.63	
Interruptible Cost - NH											\$ -	\$ -	\$ -	
Total Updated Pipeline Costs											\$ 5,423,799	\$ 6,421,872	\$ 3,542,563	
New Hampshire Allocated Percentage											48.80%	48.50%	47.35%	
NH Updated Pipeline Costs									\$ -		\$ 2,647,028	\$ 3,114,686	\$ 1,677,440	\$ 7,439,154
Hedging (Gain)/Loss Estimate														
Time Triggered NYMEX Contracts (Allocated between ME and NH)														
NYMEX NG Futures Contracts											28	25	15	
Average Purchase Price											\$ 4,1394	\$ 4,0641	\$ 3,9547	
NYMEX Price Used for Forecast											\$ 3,9120	\$ 3,8770	\$ 3,8090	
NYMEX Price Used for Update											\$ 5,5570	\$ 6,1350	\$ 5,0120	
Increase/(Decrease) NYMEX Price											1,6450	2,2580	1,2030	
NUI Futures Hedging (Gain)/Loss - Allocate											\$ (396,920)	\$ (517,730)	\$ (158,590)	\$ (1,073,240)
New Hampshire Allocated Percentage											48.80%	48.50%	47.35%	
NH Futures Hedging (Gain)/Loss, Time Triggered											\$ (193,713)	\$ (251,105)	\$ (75,094)	\$ (519,912)
Price Triggered NYMEX Contracts (NH Only)														
NYMEX NG Futures Contracts											0	0	0	
Average Purchase Price											\$ -	\$ -	\$ -	
NYMEX Price Used for Forecast											\$ 3,9120	\$ 3,8770	\$ 3,8090	
NYMEX Price Used for Update											\$ 5,5570	\$ 6,1350	\$ 5,0120	
Increase/(Decrease) NYMEX Price											1,6450	2,2580	1,2030	
NUI Futures Hedging (Gain)/Loss - Allocate											\$ -	\$ -	\$ -	\$ -
New Hampshire Allocated Percentage											100.00%	100.00%	100.00%	
NH Futures Hedging (Gain)/Loss, Price Triggered											\$ -	\$ -	\$ -	\$ -
NH Commodity Costs														
Pipeline Excl Hedging (includes cashout - Feb 14)											\$ 3,447,028	\$ 3,114,686	\$ 1,677,440	\$ 8,239,154
Hedging (Gain)/Loss Estimate											\$ (193,713)	\$ (251,105)	\$ (75,094)	\$ (519,912)
Storage											\$ 846,784	\$ 412,193	\$ -	\$ 1,258,977
Peaking											\$ 788,004	\$ 5,023	\$ 10,039	\$ 803,066
Total Commodity Costs								\$ 1,972,665	\$ 3,755,044	\$ 4,425,908	\$ 4,888,103	\$ 3,280,797	\$ 1,612,385	\$ 19,934,902
Inventory Finance Charge		\$ 142	\$ 290	\$ 430	\$ 564	\$ 700					\$ 365	\$ 163	\$ 73	\$ 3,468

Northern Utilities, Inc.
Price Risk Management
Profit and Loss Statement
January 2014

Account # 53325

Current

ACB	(\$263,065.66)
TE	(\$535.66)
LV	\$255,135.34

Date			Contracts	Entry Price	Exit Price	
ACTIVITY-Reach profit and loss total for all trades closed with this month's activity						Profit and Loss
State						
01/23/14	Sold Feb14 Futures	Both	2	\$3.840	\$4.855	\$20,300.00
01/23/14	Sold Feb14 Futures	Both	2	\$3.980	\$4.855	\$17,500.00
01/23/14	Sold Feb14 Futures	Both	2	\$4.110	\$4.855	\$14,900.00
01/23/14	Sold Feb14 Futures	Both	3	\$4.140	\$4.855	\$21,450.00
01/23/14	Sold Feb14 Futures	Both	2	\$3.810	\$4.855	\$20,900.00
01/23/14	Sold Feb14 Futures	Both	2	\$4.150	\$4.855	\$14,100.00
01/23/14	Sold Feb14 Futures	Both	3	\$4.423	\$4.855	\$12,960.00
01/23/14	Sold Feb14 Futures	Both	2	\$4.335	\$4.855	\$10,400.00
01/23/14	Sold Feb14 Futures	Both	2	\$4.055	\$4.855	\$16,000.00
01/23/14	Sold Feb14 Futures	Both	2	\$4.005	\$4.855	\$17,000.00
01/23/14	Sold Feb14 Futures	Both	2	\$4.085	\$4.855	\$15,400.00
01/23/14	Sold Feb14 Futures	Both	3	\$4.310	\$4.855	\$16,350.00
01/23/14	Sold Feb14 Futures	Both	1	\$4.545	\$4.855	\$3,100.00
01/23/14	Sold Feb14 Futures	Both	28	\$4.851	\$4.855	\$1,120.00
01/29/14	Sold Mar14 Futures	Both	1	\$3.780	\$5.415	\$16,350.00
01/29/14	Sold Mar14 Futures	Both	2	\$3.920	\$5.414	\$29,880.00
01/23/14	Bot Feb14 HH Swap	Both	-28	\$4.851	\$4.855	(\$1,120.00)
01/30/14	Sold Feb14 HH Swap	Both	28	\$4.851	\$5.557	\$197,680.00
	<i>Net P&L</i>					\$444,270.00

TRANSACTION COSTS-New activity						Subtotal	Total
	Transaction Cost-Futures	Both	28	\$6.22		(\$174.16)	
	Transaction Cost-Futures Globex	Both	31	\$6.22		(\$192.82)	
	Transaction Cost - Futures EFS	Both	28	\$3.52		(\$98.56)	
	Transaction Cost-Enter Options		0	\$6.22		\$0.00	
	Transaction Cost-Exit Options		0	\$3.37		\$0.00	
	Transaction Cost-Assnd/Exer		0	\$11.37		\$0.00	
	Transaction Cost - NYM HenryHSwap Buy		0	\$1.52		\$0.00	
	Transaction Cost - NYM HenryHSwap		0	\$1.86		\$0.00	
	<i>Total New Transaction Costs</i>						(\$465.54)

NORTHERN UTILITIES, INC.
DETERMINATION OF INVENTORY FINANCING FROM MONEY POOL
January 2014

	Total Inventory	Average bal beg + end / 2	Internally Financed	Money Pool Interest Rate	Interest to Defer	NH	ME
January 2012	\$8,824,604.89	\$11,072,670.15	\$11,072,670.15	2.07%	\$19,100.36	\$9,290.41	\$9,809.94
February	\$6,495,482.90	\$7,660,043.90	\$7,660,043.90	2.04%	\$13,022.07	\$6,333.94	\$6,688.14
March	\$6,040,901.71	\$6,268,192.31	\$6,268,192.31	2.03%	\$10,603.69	\$5,157.64	\$5,446.06
April	\$6,733,456.32	\$6,387,179.02	\$6,387,179.02	2.02%	\$10,751.75	\$5,229.65	\$5,522.10
May	\$7,389,322.89	\$7,061,389.61	\$7,061,389.61	2.02%	\$11,886.67	\$5,781.68	\$6,104.99
June	\$8,134,573.16	\$7,761,948.03	\$7,761,948.03	2.02%	\$13,065.95	\$6,355.28	\$6,710.67
July	\$9,123,053.57	\$8,628,813.37	\$8,628,813.37	2.03%	\$14,597.08	\$7,100.02	\$7,497.06
August	\$10,202,389.43	\$9,662,721.50	\$9,662,721.50	2.02%	\$16,265.58	\$7,911.58	\$8,354.00
September	\$11,129,636.41	\$10,666,012.92	\$10,666,012.92	2.01%	\$17,865.57	\$8,689.81	\$9,175.76
October	\$12,228,981.61	\$11,679,309.01	\$11,679,309.01	2.00%	\$19,465.52	\$9,468.03	\$9,997.49
November	\$11,436,078.02	\$11,832,529.82	\$11,832,529.82	1.99%	\$19,622.28	\$9,104.74	\$10,517.54
December	\$9,369,941.05	\$10,403,009.54	\$10,403,009.54	1.99%	\$17,251.66	\$8,004.77	\$9,246.89
January 2013	\$6,466,995.71	\$7,918,468.38	\$7,918,468.38	1.98%	\$13,065.47	\$6,062.38	\$7,003.09
February	\$3,490,957.62	\$4,978,976.67	\$4,978,976.67	1.98%	\$8,215.31	\$3,811.90	\$4,403.41
March	\$1,642,963.61	\$2,566,960.61	\$2,566,960.61	1.98%	\$4,235.49	\$1,965.27	\$2,270.22
April	\$3,429,843.57	\$2,536,403.59	\$2,536,403.59	1.98%	\$4,185.07	\$1,941.87	\$2,243.20
May	\$6,995,461.07	\$5,212,652.32	\$5,212,652.32	1.97%	\$8,557.44	\$3,970.65	\$4,586.79
June	\$7,473,818.58	\$7,234,639.83	\$7,234,639.83	1.97%	\$11,876.87	\$5,510.87	\$6,366.00
July	\$9,199,742.08	\$8,336,780.33	\$8,336,780.33	1.97%	\$13,686.21	\$6,350.40	\$7,335.81
August	\$10,873,192.78	\$10,036,467.43	\$10,036,467.43	1.96%	\$16,392.90	\$7,606.30	\$8,786.59
September	\$12,585,461.10	\$11,729,326.94	\$11,729,326.94	1.96%	\$19,157.90	\$8,889.27	\$10,268.63
October	\$14,279,790.40	\$13,432,625.75	\$13,432,625.75	1.61%	\$18,022.11	\$8,362.26	\$9,659.85
November	\$13,406,859.30	\$13,843,324.85	\$13,843,324.85	1.56%	\$17,996.32	\$8,350.29	\$9,646.03
December	\$10,672,941.18	\$12,039,900.24	\$12,039,900.24	1.56%	\$15,651.87	\$7,262.47	\$8,389.40
January 2014	\$6,995,461.07	\$8,834,201.13	\$8,834,201.13	1.56%	\$11,484.46	\$5,328.79	\$6,155.67

Inventory ACCT #		MMBTU	AMOUNT
	PROPANE		
515104	Inventory - Liquid Propane	-	\$0.00
	LNG		
515152	Inventory - Liquefied Natural Gas		
	NATURAL GAS	10,259	\$129,220.82
515114&115	Natural Gas Underground - SS-1 and FSS-1		
515116	Natural Gas Underground - SSNE	128,383	\$485,683.04
515113	Natural Gas Underground - MCN	1,627,104	\$6,380,557.21
516525	Washington 10 prepaid	-	
Total Inventory			\$6,995,461.07