

New Hampshire Monthly Cost of Gas Report

Summer Period

June 2024 Summary

The objective of the summer period Monthly Cost of Gas (“COG”) Report is to determine if COG rates need to be adjusted in order to minimize differences between the October 31, 2024 target balance and the corresponding estimated end of summer period balance. An adjustment is made to COG rates if the difference between the target balance and estimated end of summer period balance exceeds 4% of total projected gas costs.

For the June 2024 report, estimated costs and revenues for May 2024 have been replaced with actuals, commodity costs have been updated to reflect NYMEX prices as of June 18, 2024, and the October 31, 2023 reconciliation balance now reflects the actual costs and revenues for the entire 2023 summer season¹. In addition, the reconciliation balances for working capital and bad debt have been further updated to reflect the correct summer allocation.

As shown on Table 1, Line 23, the estimated summer period ending balance is an under-collection of \$2,703,909 and, Line 25, the target summer period ending balance is an under-collection of \$2,636,390. The variance between the estimated and target balances is an under-collection of \$67,519 (Line 27). Compared to the prior month’s report, the projected under-collection is lower due to higher revenues than forecast and lower costs than forecast for May.

The under-collection represents a variance of 1.26% of total gas costs (Line 31) and is below the 4% threshold for requiring a rate change. As a result, there will be no change to COG rates for July 2024.

Support for the estimated end of summer period balance is provided in Table 2. This table has been modified to focus on the six month summer period only.

Support for the revised target end of winter period balance, an over-collection of (\$2,636,930), is provided in Table 3. This table reflects the updated October 31, 2023 reconciliation balance. Summer COG rates are designed to fully offset the target over-collection and will be adjusted if the monthly variance between the target balance and projected balance exceeds 4% of total gas costs.

The revised annual reconciliation, reflecting actual and revenues for August through October 2023, is provided in Table 4.

¹ The initial COG rates effective May 1, 2024 reflected a prior period balance that includes estimated costs and revenues for August through October 2023. These estimates have been replaced with actual costs and revenues as of the November 2023 Monthly Cost of Gas Report. This update results in a revision to the April 30, 2024 target balance.

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
Calculation of the Projected Over or Under Collection of the
Summer 2024 Period Cost of Gas
DG 23-085
June 2024 Estimated

1	Under/(Over) collection as of 04/30/24	\$ (101,162)	Table 2, PG. 2, Line 87, April
2			
3	Forecasted firm therm sales 06/01/24 - 10/31/24		
4	Residential heat & non heat	2,123,294	Table 2, PG. 1, Line 2
5	HLF Classes	1,459,755	Table 2, PG. 1, Line 3
6	LLF Classes	1,950,248	Table 2, PG. 1, Line 4
7			
8	Current recovery rate per therm		
9	Residential heat & non heat	\$0.3569	Table 2, PG. 1, Line 7
10	HLF classes	\$0.2895	Table 2, PG. 1, Line 8
11	LLF classes	\$0.4074	Table 2, PG. 1, Line 9
12			
13	Total	\$ (1,974,948)	(LN 4 * Ln 9) + (LN 5 * LN 10) + (LN 6 * LN 11)
14			
15	Forecasted recovered costs at current rates 06/01/24 - 10/31/24	\$ (1,974,948)	LN 13
16	Actual recovered costs 05/01/24 - 05/31/24	<u>\$ (564,695)</u>	Table 2, PG. 1, Line 14
17	Estimated total recovered costs 05/01/24 - 10/31/24	<u>\$ (2,539,643)</u>	LN 15 + LN 16
18			
19	Revised projected direct gas costs [1]	\$ 5,152,629	Table 2, PG. 1, Line 57, Summer
20	Revised projected indirect gas costs [2]	\$ 192,086	Table 2, PG. 2, Line 89, Summer
21	Revised total projected gas costs 05/01/24 - 10/31/24	\$ 5,344,715	LN 19 + LN 20
22			
23	Projected October 31, 2024 Summer Period Balance	\$ 2,703,909	LN 1 + LN 17 + LN 21
24			
25	October 31, 2024 Target Balance [3]	\$ 2,636,390	Table 3, PG. 2, Line 87, April *-1
26			
27	Variance from Target Balance	\$ 67,519	LN 23 - LN 25
28			
29	Total Projected Gas Costs	\$ 5,344,715	LN 21
30			
31	Under/(over) collection as percent of total gas costs	1.26%	LN 27 / LN 29

NOTES

- [1] Reflects futures prices as of June 18, 2024
- [2] Includes: Working Capital Allowance, Bad Debt Allowance, Production and Storage Capacity, Miscellaneous Overhead and Interest
- [3] Updated to reflect actual account balance as of October 31, 2023

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

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		Summer						Summer
		(Actual) May-24	(Forecast) Jun-24	(Forecast) Jul-24	(Forecast) Aug-24	(Forecast) Sep-24	(Forecast) Oct-24	
Working Capital								
Total Anticipated Direct Cost of Gas		\$ 636,396	\$ 854,367	\$ 856,761	\$ 864,089	\$ 855,940	\$ 1,085,076	
Working Capital Percentage		0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	
Working Capital Allowance		\$ 1,413	\$ 1,884	\$ 1,889	\$ 1,905	\$ 1,887	\$ 2,382	\$ 11,362
Beginning Period Working Capital Balance		\$ (80)	\$ 1,338	\$ 3,238	\$ 5,157	\$ 7,105	\$ 9,050	
End of Period Working Capital Allowance		\$ 1,333	\$ 3,222	\$ 5,127	\$ 7,062	\$ 8,993	\$ 11,432	
Interest		\$ 4	\$ 16	\$ 30	\$ 43	\$ 57	\$ 73	\$ 223
End of period with Interest	\$ (80)	\$ 1,338	\$ 3,238	\$ 5,157	\$ 7,105	\$ 9,050	\$ 11,505	
Bad Debt								
Projected Bad Debt		\$ 7,191	\$ 3,414	\$ 3,414	\$ 3,414	\$ 3,414	\$ 3,414	\$ 24,261
Beginning Period Bad Debt Balance		\$ 11,130	\$ 18,426	\$ 21,982	\$ 25,564	\$ 29,171	\$ 32,804	
End of Period Bad Debt Balance		\$ 18,321	\$ 21,840	\$ 25,396	\$ 28,978	\$ 32,585	\$ 36,218	
Interest		\$ 104	\$ 143	\$ 168	\$ 193	\$ 219	\$ 244	\$ 1,071
End of Period Bad Debt Balance with Interest	\$ 11,130	\$ 18,426	\$ 21,982	\$ 25,564	\$ 29,171	\$ 32,804	\$ 36,462	
Local Production and Storage Capacity		\$ 17,964	\$ 17,964	\$ 17,964	\$ 17,964	\$ 17,964	\$ 17,964	\$ 107,784
Miscellaneous Overhead								
Gas Cost Other than Bad Debt and Working Capital Over/Under Collection								
Beginning Balance Over/Under Collection	\$ (112,212)	\$ (112,212)	\$ (23,025)	\$ 499,671	\$ 1,079,790	\$ 1,668,048	\$ 2,217,076	
Net Costs - Revenues		\$ 89,665	\$ 521,014	\$ 574,545	\$ 578,560	\$ 535,317	\$ 421,669	
Ending Balance before Interest		\$ (22,547)	\$ 497,989	\$ 1,074,216	\$ 1,658,350	\$ 2,203,365	\$ 2,638,745	
Average Balance		\$ (67,380)	\$ 237,482	\$ 786,944	\$ 1,369,070	\$ 1,935,706	\$ 2,427,910	
Interest Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
Interest Expense		\$ (477)	\$ 1,682	\$ 5,574	\$ 9,698	\$ 13,711	\$ 17,198	
Ending Balance Incl Interest Expense	\$ (112,212)	\$ (23,025)	\$ 499,671	\$ 1,079,790	\$ 1,668,048	\$ 2,217,076	\$ 2,655,942	
Total Over/Under Collection Ending Balance	\$ (101,162)	\$ (3,261)	\$ 524,891	\$ 1,110,511	\$ 1,704,324	\$ 2,258,930	\$ 2,703,909	
Total Indirect Cost of Gas		\$ 26,200	\$ 25,103	\$ 29,039	\$ 33,217	\$ 37,252	\$ 41,275	\$ 192,086
Total Cost of Gas		\$ 662,596	\$ 879,470	\$ 885,800	\$ 897,306	\$ 893,192	\$ 1,126,351	\$ 5,344,715
Total Interest		\$ (369)	\$ 1,841	\$ 5,772	\$ 9,934	\$ 13,987	\$ 17,515	\$ 48,680

Updated End of Winter Period Balance ("Target Balance")
 (\$2,636,390)
 Line 87 - April

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

		Winter						
Sales Revenues	Oct-23	(Forecast) Nov-23	(Forecast) Dec-23	(Forecast) Jan-24	(Forecast) Feb-24	(Forecast) Mar-24	(Forecast) Apr-24	Winter
Volumes								
Residential Heat & Non Heat		2,125,956	3,109,808	3,620,784	3,145,375	2,671,575	1,527,106	
Sales HLF Classes		325,460	476,077	554,302	481,522	408,988	233,783	
Sales LLF Classes		1,878,057	2,747,186	3,198,579	2,778,605	2,360,053	1,349,036	
Total		4,329,473	6,333,071	7,373,664	6,405,502	5,440,616	3,109,925	
Rates								
Residential Heat & Non Heat CGA		\$0.7282	\$0.7282	\$0.7282	\$0.7282	\$0.7282	\$0.7282	
Sales HLF Classes CGA		\$0.6587	\$0.6587	\$0.6587	\$0.6587	\$0.6587	\$0.6587	
Sales LLF Classes CGA		\$0.7402	\$0.7402	\$0.7402	\$0.7402	\$0.7402	\$0.7402	
Revenues								
Residential Heat & Non Heat		\$ (1,548,121)	\$ (2,264,563)	\$ (2,636,655)	\$ (2,290,462)	\$ (1,945,441)	\$ (1,112,039)	
Sales HLF Classes		\$ (214,381)	\$ (313,592)	\$ (365,118)	\$ (317,178)	\$ (269,401)	\$ (153,993)	
Sales LLF Classes		\$ (1,390,137)	\$ (2,033,467)	\$ (2,367,588)	\$ (2,056,724)	\$ (1,746,911)	\$ (998,557)	
Total Sales		\$ (3,152,639)	\$ (4,611,621)	\$ (5,369,361)	\$ (4,664,364)	\$ (3,961,753)	\$ (2,264,588)	\$ (24,024,327)
Gas Costs and Credits								
		Winter						
Gas Costs and Credits	Oct-23	(Forecast) Nov-23	(Forecast) Dec-23	(Forecast) Jan-24	(Forecast) Feb-24	(Forecast) Mar-24	(Forecast) Apr-24	Winter
Demand Costs (net of Capacity Assignment)								
Pipeline		\$ 305,595	\$ 305,595	\$ 297,310	\$ 297,310	\$ 297,310	\$ 547,694	\$ 2,050,814
Storage		\$ 944,617	\$ 944,617	\$ 944,617	\$ 944,617	\$ 944,617	\$ 944,617	\$ 5,667,701
On-system Peaking		\$ 290,051	\$ 290,051	\$ 290,051	\$ 290,051	\$ 290,051	\$ 132,428	\$ 1,582,685
Off-System Peaking		\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ -	\$ 522,295
Total Demand Costs		\$ 1,644,722	\$ 1,644,722	\$ 1,636,437	\$ 1,636,437	\$ 1,636,437	\$ 1,624,739	\$ 9,823,495
Asset Management and Capacity Release								
NUI AMA Revenue		\$ (2,164,517)	\$ (2,164,517)	\$ (2,164,517)	\$ (2,164,517)	\$ (2,164,517)	\$ (2,164,517)	\$ (12,987,100)
NUI Capacity Release		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NUI AMA Rev & Cap. Release Subtotal		\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (5,149,279)
NH AMA Revenue		\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (5,149,279)
NH Capacity Release		\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (5,149,279)
NH Total Asset Management and Capacity Release		\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (858,213)	\$ (5,149,279)
Re-entry Rate & Conversion Rate Revenue		\$ (4,167)	\$ (4,167)	\$ (4,167)	\$ (4,167)	\$ (4,167)	\$ (4,167)	\$ (25,000)
Net Demand Costs		\$ 782,342	\$ 782,342	\$ 774,057	\$ 774,057	\$ 774,057	\$ 762,359	\$ 4,649,215
NUI Commodity Costs								
NUI Total Pipeline Volumes		1,206,814	776,970	723,894	677,191	568,894	968,631	
Pipeline Costs Modeled in Sendout™		\$ 3,259,675	\$ 3,439,438	\$ 4,470,111	\$ 4,053,327	\$ 2,102,517	\$ 2,625,100	
NYMEX Price Used for Forecast		\$ 2,991.0	\$ 3,453.0	\$ 3,706.0	\$ 3,634.0	\$ 3,328.0	\$ 3,052.0	
NYMEX Price Used for Update		\$ 2,991.0	\$ 3,453.0	\$ 3,706.0	\$ 3,634.0	\$ 3,328.0	\$ 3,052.0	
% of Pipeline Volumes Tied to NYMEX		100.00%	82.00%	84.00%	83.00%	100.00%	100.00%	
Increase/(Decrease) NYMEX Price		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Increase/(Decrease) in Pipeline Costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Updated Pipeline Costs		\$ 3,259,675	\$ 3,439,438	\$ 4,470,111	\$ 4,053,327	\$ 2,102,517	\$ 2,625,100	
New Hampshire Allocated Percentage		36.08%	37.46%	37.48%	37.09%	35.77%	32.28%	
NH Updated Pipeline Costs		\$ 1,176,142	\$ 1,288,500	\$ 1,675,371	\$ 1,503,215	\$ 752,092	\$ 847,363	
NH Commodity Costs								
Pipeline		\$ 1,176,142	\$ 1,288,500	\$ 1,675,371	\$ 1,503,215	\$ 752,092	\$ 847,363	
Storage		\$ -	\$ 822,493	\$ 952,902	\$ 893,145	\$ 802,607	\$ -	
Peaking		\$ 24,212	\$ 1,002,116	\$ 3,079,730	\$ 1,473,923	\$ 1,006,667	\$ 11,988	
Total Commodity Costs		\$ 1,200,354	\$ 3,113,110	\$ 5,708,003	\$ 3,870,283	\$ 2,561,367	\$ 859,351	\$ 17,312,467
Inventory Finance Charge		\$ 1,082	\$ 1,691	\$ 2,012	\$ 1,730	\$ 1,416	\$ 708	
Total Anticipated Direct Cost of Gas		\$ 1,983,778	\$ 3,897,143	\$ 6,484,072	\$ 4,646,070	\$ 3,336,840	\$ 1,622,418	\$ 21,970,322

Updated End of Winter Period Balance ("Target Balance")
 (\$2,636,390)
 Line 87 - April

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

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		Winter						
	Oct-23	(Forecast) Nov-23	(Forecast) Dec-23	(Forecast) Jan-24	(Forecast) Feb-24	(Forecast) Mar-24	(Forecast) Apr-24	Winter
Working Capital								
Total Anticipated Direct Cost of Gas		\$ 1,983,778	\$ 3,897,143	\$ 6,484,072	\$ 4,646,070	\$ 3,336,840	\$ 1,622,418	
Working Capital Percentage		0.2160%	0.22%	0.22%	0.22%	0.22%	0.22%	
Working Capital Allowance		\$ 4,285	\$ 8,417	\$ 14,005	\$ 10,035	\$ 7,207	\$ 3,504	\$ 47,452
Beginning Period Working Capital Balance		\$ (368)	\$ 3,929	\$ 12,404	\$ 26,546	\$ 36,805	\$ 44,298	
End of Period Working Capital Allowance		\$ 3,917	\$ 12,347	\$ 26,409	\$ 36,581	\$ 44,012	\$ 47,802	
Interest		\$ 13	\$ 58	\$ 137	\$ 224	\$ 286	\$ 326	\$ 1,044
End of period with Interest	\$ (368)	\$ 3,929	\$ 12,404	\$ 26,546	\$ 36,805	\$ 44,298	\$ 48,128	
Bad Debt								
Projected Bad Debt	\$ -	\$ 9,162	\$ 9,162	\$ 9,162	\$ 9,162	\$ 9,162	\$ 9,162	\$ 54,970
Beginning Period Bad Debt Balance		\$ 74,485	\$ 84,207	\$ 93,997	\$ 103,857	\$ 113,787	\$ 123,787	
End of Period Bad Debt Balance		\$ 83,647	\$ 93,369	\$ 103,159	\$ 113,019	\$ 122,949	\$ 132,949	
Interest		\$ 560	\$ 629	\$ 698	\$ 768	\$ 838	\$ 909	\$ 4,403
End of Period Bad Debt Balance with Interest	\$ 74,485	\$ 84,207	\$ 93,997	\$ 103,857	\$ 113,787	\$ 123,787	\$ 133,858	
Local Production and Storage Capacity		\$ 35,756	\$ 35,756	\$ 35,756	\$ 35,756	\$ 35,756	\$ 35,756	
Miscellaneous Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		\$ 84,015	\$ 84,015	\$ 84,015	\$ 84,015	\$ 84,015	\$ 84,015	
Gas Cost Other than Bad Debt and Working Capital	Over/Under Collection							
Beginning Balance Over/Under Collection		\$ (1,387,700)	\$ (2,450,335)	\$ (3,064,504)	\$ (1,847,357)	\$ (1,758,605)	\$ (2,277,992)	
Net Costs - Revenues		\$ (1,049,090)	\$ (594,706)	\$ 1,234,482	\$ 101,477	\$ (505,141)	\$ (522,399)	
Ending Balance before Interest		\$ (2,436,790)	\$ (3,045,041)	\$ (1,830,022)	\$ (1,745,879)	\$ (2,263,746)	\$ (2,800,391)	
Average Balance		\$ (1,912,245)	\$ (2,747,688)	\$ (2,447,263)	\$ (1,796,618)	\$ (2,011,176)	\$ (2,539,191)	
Interest Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
Interest Expense		\$ (13,545)	\$ (19,463)	\$ (17,335)	\$ (12,726)	\$ (14,246)	\$ (17,986)	
Ending Balance Incl Interest Expense	\$ (1,387,700)	\$ (2,450,335)	\$ (3,064,504)	\$ (1,847,357)	\$ (1,758,605)	\$ (2,277,992)	\$ (2,818,377)	
Total Over/Under Collection Ending Balance	\$ (1,313,582)	\$ (2,362,198)	\$ (2,958,102)	\$ (1,716,953)	\$ (1,608,013)	\$ (2,109,907)	\$ (2,636,390)	
Total Indirect Cost of Gas	\$ (1,313,582)	\$ 120,245	\$ 118,574	\$ 126,439	\$ 127,234	\$ 123,019	\$ 115,687	\$ 731,198
Total Cost of Gas	\$ (1,313,582)	\$ 2,104,023	\$ 4,015,717	\$ 6,610,511	\$ 4,773,304	\$ 3,459,859	\$ 1,738,105	\$ 22,701,519
Total Interest	\$ -	\$ (12,972)	\$ (18,776)	\$ (16,499)	\$ (11,734)	\$ (13,121)	\$ (16,750)	\$ (89,854)

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
2022-23 ANNUAL COG RECONCILIATION
SCHEDULE 2: ADJUSTMENTS TO REPORTED SUMMER, WINTER AND ANNUAL ACCOUNTS
August 2022 - October 2023
Acct 191

	<u>Aug-22</u>	<u>Sep-22</u>	<u>Oct-22</u>	<u>Nov-22</u>	<u>Dec-22</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Jun-23</u>	<u>Jul-23</u>	<u>Aug-23</u>	<u>Sep-23</u>	<u>Oct-23</u>	<u>Total</u>
Initial Account Beginning Balance	\$ (3,623,802)															
Adjustment (1)	\$ 25,951															
Adjusted Beginning Balance	\$ (3,597,851)	\$ (2,900,813)	\$ (2,465,092)	\$ (2,863,963)	\$ (3,605,471)	\$ (3,304,602)	\$ (2,957,231)	\$ (2,750,970)	\$ (3,959,669)	\$ (4,747,564)	\$ (4,340,988)	\$ (3,703,856)	\$ (3,120,698)	\$ (2,577,220)	\$ (2,012,817)	
Plus: Cost of Firm Gas (Schedule 4)	\$ 1,483,552	\$ 1,535,697	\$ 1,640,074	\$ 3,546,489	\$ 5,957,900	\$ 7,558,957	\$ 6,823,298	\$ 3,883,175	\$ 1,270,885	\$ 938,189	\$ 938,897	\$ 884,130	\$ 846,549	\$ 879,137	\$ 1,025,962	\$ 39,212,891
Less: Reported Collections (Schedule 3)	\$ (775,702)	\$ (1,091,048)	\$ (2,026,760)	\$ (4,273,205)	\$ (5,641,232)	\$ (7,193,375)	\$ (6,600,437)	\$ (5,072,358)	\$ (2,030,754)	\$ (502,359)	\$ (275,870)	\$ (277,593)	\$ (283,551)	\$ (299,009)	\$ (500,661)	\$ (36,843,914)
Annual Account Ending Balance	\$ (2,890,000)	\$ (2,456,164)	\$ (2,851,779)	\$ (3,590,679)	\$ (3,288,803)	\$ (2,939,020)	\$ (2,734,370)	\$ (3,940,153)	\$ (4,719,538)	\$ (4,311,734)	\$ (3,677,962)	\$ (3,097,319)	\$ (2,557,701)	\$ (1,997,092)	\$ (1,487,515)	
Month's Average Balance	\$ (3,243,925)	\$ (2,678,489)	\$ (2,658,435)	\$ (3,227,321)	\$ (3,447,137)	\$ (3,121,811)	\$ (2,845,800)	\$ (3,345,562)	\$ (4,339,603)	\$ (4,529,649)	\$ (4,009,475)	\$ (3,400,588)	\$ (2,839,199)	\$ (2,287,156)	\$ (1,750,166)	
Interest Rate (Prime Rate)	4.00%	4.00%	5.50%	5.50%	5.50%	7.00%	7.00%	7.00%	7.75%	7.75%	7.75%	8.25%	8.25%	8.25%	8.50%	
Interest Applied	\$ (10,813)	\$ (8,928)	\$ (12,184)	\$ (14,792)	\$ (15,799)	\$ (18,211)	\$ (16,601)	\$ (19,516)	\$ (28,027)	\$ (29,254)	\$ (25,895)	\$ (23,379)	\$ (19,519)	\$ (15,724)	\$ (12,397)	\$ (271,039)
Annual Account Ending Balance w/int	<u>\$ (2,900,813)</u>	<u>\$ (2,465,092)</u>	<u>\$ (2,863,963)</u>	<u>\$ (3,605,471)</u>	<u>\$ (3,304,602)</u>	<u>\$ (2,957,231)</u>	<u>\$ (2,750,970)</u>	<u>\$ (3,959,669)</u>	<u>\$ (4,747,564)</u>	<u>\$ (4,340,988)</u>	<u>\$ (3,703,856)</u>	<u>\$ (3,120,698)</u>	<u>\$ (2,577,220)</u>	<u>\$ (2,012,817)</u>	<u>\$ (1,499,912)</u>	

(1) Reflects ATV charges of \$25,705 plus interest, not included in the 2021-2022 reconciliation.

Northern Utilities, Inc.
 Winter and Summer Season Reconciliations

Section A

April 30, 2023 COG Balance - All Components

1	Actual Ending Balance	-\$4,797,256	Sum of Schedule 2, Atts A & B
2	Target Ending Balance	-\$4,229,669	Table 3 - Monthly COG Reports
3			
4	Total Over-collection - All Components	-\$567,587	LN 2 - LN 1
5	Less Working Capital Balance	-\$4,079	Attachment A
6	Less Bad Debt Balance	-\$45,613	Attachment B
7			
8	Demand & Commodity Over-collection	-\$517,896	LN 4 - Ln 5 - LN 6
9			
10	AMA Adjustment - Allocation to Winter	-\$863,886	LN 26
11			
12	Interest	-\$5,918	LN 20 - Section B October
13			
14	Calculated Winter Ending Balance	-\$1,387,700	LN 8 + LN 10 + LN 12
15			
16	Annual Reconciliation Balance	-\$1,499,912	Schedule 1
17			
18	Summer Reconciliation Balance	-\$112,212	LN 16 - LN 14
19			
20	Monthly AMA Revenue		
21	April 22 to March 23	-\$714,232	Annual Revenue / 12
22	April 23 to March 24	-\$858,213	Annual Revenue / 12
23			
24	Monthly Increase in AMA Revenue	-\$143,981	LN 22- LN 21
25			
26	AMA revenue Impact May to Oct	-\$863,886	LN 24 * 6

Section B

AMA Adjustment & Interest

	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
Starting balance	\$0.00	-\$929.88	-\$1,865.76	-\$2,868.46	-\$3,878.05	-\$4,894.58	
AMA Adjustment	-\$143,981.05	-\$143,981.05	-\$143,981.05	-\$143,981.05	-\$143,981.05	-\$143,981.05	-\$863,886.32
AMA Plus Interest	\$0	-\$144,911	-\$145,847	-\$146,850	-\$147,859	-\$148,876	
Interest Rate	7.75%	7.75%	8.25%	8.25%	8.25%	8.25%	
Monthly Interest	-\$929.88	-\$935.88	-\$1,002.70	-\$1,009.59	-\$1,016.53	-\$1,023.52	-\$5,918.10
Ending Interest	-\$929.88	-\$1,865.76	-\$2,868.46	-\$3,878.05	-\$4,894.58	-\$5,918.10	