New Hampshire Monthly Cost of Gas Report

Winter Period

February 2022 Summary

The objective of the Winter Period Monthly Cost of Gas ("COG") analysis is to determine if COG rates need to be adjusted in order to minimize differences between the April 30, 2022 target balance and the corresponding estimated end of Winter Period balance. An adjustment is made to COG rates if the difference between the estimated and target end of Winter Period balances exceeds 2% of total projected gas costs.

For the February 2022 analysis, estimated costs and revenues for November 2021 through January 2022 have been replaced with actuals. Commodity costs have been updated to reflect NYMEX prices as of February 18, 2022. In addition, in November the prior period balance was updated to reflect the actual balance as of October 31, 2021[1]. Due to the change in the October 31 balance, the April 30th target balance has been revised.

As shown on Table 1, Line 23, the estimated end of Winter Period balance is an over-collection of ($4,198,181) and the target end of Winter Period balance is an over-collection of ($5,202,006) (Line 25). The variance between the estimated and target balances is a projected under-collection of $1,003,825 (Line 27). This under-collection is primarily due to higher costs than forecasted in January 2021 and higher NYMEX prices for February through April. Also, this under-collection represents a variance of 3.66% of total gas costs (Line 31). As a result, Northern will increase its COG rates by $0.1085 per therm effective March 1, 2022.

Support for the estimated end of Winter Period balance is provided in Table 2. Support for the revised target end of Winter Period balance is provided in Table 3.

[1] The COG rates effective November 1, 2021, reflect a prior period balance that utilizes estimated costs and revenues for August through September 2021.

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
Calculation of the Projected Over or Under Collection of the
Winter 2021-2022 Period Cost of Gas
DG 21-131
February 2022 Estimated

1	Under/(Over) collection as of 11/01/21		$ 209,985	Table 2, PG. 3, Line 98, October
2				
3	Forecasted firm therm sales 2/01/22 - 4/30/22			
4	Residential heat & non heat	7,581,197		Table 2, PG. 2, Line 2
5	High load factor classes	1,234,935		Table 2, PG. 2, Line 3
6	Low load factor classes	7,209,272		Table 2, PG. 2, Line 4
7				
8	Current recovery rate per therm			
9	Residential heat & non heat	$0.9462		Table 2, PG. 1, Line 7
10	High load factor classes	$0.8523		Table 2, PG. 1, Line 8
11	Low load factor classes	$0.9621		Table 2, PG. 1, Line 9
12				
13	Total	$ (15,161,903)		(LN 4 * Ln 9) + (LN 5 * LN 10) + (LN 6 * LN 11)
14				
15	Forecasted recovered costs at current rates 1/01/22 - 04/30/22		$ (15,161,903)	LN 13
16	Actual recovered costs 11/01/21 - 12/31/21		$ (16,663,865)	Table 2, PG. 1, Line 14,
17	Estimated total recovered costs 11/01/21 - 04/30/22		$ (31,825,769)	LN 15 + LN 16
18				
19	Revised projected direct gas costs [1]		$ 26,448,981	Table 2, PG. 2, Line 68, Winter
20	Revised projected indirect gas costs [2]		$ 968,622	Table 2, PG. 4, Line 100, Winter
21	Revised total projected gas costs 11/01/2021 - 04/30/2022		$ 27,417,603	LN 19 + LN 20
22				
23	Projected April 30, 2022 Winter Period Balance		$ (4,198,181)	LN 1 + LN 17 + LN 21
24				
25	April 30, 2022 Target Balance [3]		$ (5,202,006)	Table 3, PG. 3, Line 98
26				
27	Variance from Target Balance		$ 1,003,825	LN 23 - LN 25
28				
29	Total Projected Gas Costs		$ 27,417,603	LN 21
30				
31	Under/(over) collection as percent of total gas costs		3.66%	LN 27 / LN 29

NOTES
[1] Reflects futures prices as of February 18, 2022
[2] Includes: Working Capital Allowance, Bad Debt Allowance, Production and Storage Capacity, Miscellaneous Overhead and Interest
[3] Updated in November 2021 to reflect actual account balance as of October 31, 2021

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

			Winter						Summer					
	Sales Revenues		(Actual)	(Actual)	(Actual)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
1	Volumes	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
2	Residential Heat & Non Heat					3,220,112	2,745,230	1,615,855	791,744	517,185	437,049	443,237	491,840	992,084
3	Sales HLF Classes					509,647	444,531	280,756	418,861	285,038	250,296	254,950	275,778	512,036
4	Sales LLF Classes					3,044,843	2,604,500	1,559,929	697,006	455,024	386,854	392,235	440,500	865,314
5	Total					6,774,602	5,794,261	3,456,540	1,907,611	1,257,246	1,074,199	1,090,422	1,208,118	2,369,434
6	Rates													
7	Residential Heat & Non Heat CGA					$0.9462	$0.9462	$0.9462	$0.5176	$0.5176	$0.5176	$0.5176	$0.5176	$0.5176
8	Sales HLF Classes CGA					$0.8523	$0.8523	$0.8523	$0.4740	$0.4740	$0.4740	$0.4740	$0.4740	$0.4740
9	Sales LLF Classes CGA					$0.9621	$0.9621	$0.9621	$0.5445	$0.5445	$0.5445	$0.5445	$0.5445	$0.5445
10	Revenues													
11	Residential Heat & Non Heat					$ (3,046,870)	$ (2,597,536)	$ (1,528,922)	$ (409,807)	$ (267,695)	$ (226,216)	$ (229,419)	$ (254,576)	$ (513,503)
12	Sales HLF Classes					$ (434,373)	$ (378,874)	$ (239,289)	$ (198,540)	$ (135,108)	$ (118,640)	$ (120,846)	$ (130,719)	$ (242,705)
13	Sales LLF Classes					$ (2,929,443)	$ (2,505,789)	$ (1,500,808)	$ (379,520)	$ (247,760)	$ (210,642)	$ (213,572)	$ (239,852)	$ (471,164)
14	Total Sales		$ (3,825,791)	$ (5,514,058)	$ (7,324,017)	$ (6,410,686)	$ (5,482,199)	$ (3,269,018)	$ (987,867)	$ (650,563)	$ (555,499)	$ (563,838)	$ (625,147)	$ (1,227,371)
15														

			Winter						Summer					
17	**Gas Costs and Credits**		(Actual)	(Actual)	(Actual)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
18		Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
19	Demand Costs (net of Capacity Assignment)													
20	Pipeline					$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451
21	Storage					$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421
22	On-system Peaking					$ 208,007	$ 208,007	$ 97,714	$ 16,975	$ 16,975	$ 16,975	$ 16,975	$ 16,975	$ 16,975
23	Off-System Peaking					$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646
24	Total Demand Costs					$ 1,620,524	$ 1,620,524	$ 1,510,232	$ 1,429,493	$ 1,429,493	$ 1,429,493	$ 1,429,493	$ 1,429,493	$ 1,429,493
25														
26	Asset Management and Capacity Release													
27	NUI AMA Revenue					$ (826,470)	$ (826,470)	$ (1,743,852)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)
28	NUI Capacity Release								$ -	$ -	$ -	$ -	$ -	$ -
29	NUI AMA Rev & Cap. Release Subtotal													
30	NH AMA Revenue					$ (340,264)	$ (340,264)	$ (717,957)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (719,406)
31	NH Capacity Release													
32	NH Total Asset Management and Capacity Release					$ (340,264)	$ (340,264)	$ (717,957)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (719,406)
33														
34	Outage Replacement					$ 7,067	$ 7,067	$ 7,067	$ 328	$ 328	$ 328	$ 328	$ 328	$ 328
35														
36	Re-entry Rate & Conversion Rate Revenue					$ (1,000)	$ (1,000)		$ -	$ -	$ -	$ -	$ -	$ -
37	Off-system sales					$ (100,000)								
38	Net Demand Costs		$ 1,288,367	$ 1,269,577	$ 1,298,726	$ 1,186,327	$ 1,286,327	$ 799,342	$ 1,089,556	$ 1,089,556	$ 1,089,556	$ 1,089,556	$ 1,089,556	$ 710,414
39														
40	NUI Commodity Costs													
41	NUI Total Pipeline Volumes					846,586	1,023,092	1,103,596	623,919	427,539	395,807	401,078	426,093	718,859
42	Pipeline Costs Modeled in Sendout™					$ 5,455,995	$ 5,436,340	$ 4,220,796	$ 2,197,031	$ 1,475,856	$ 1,373,084	$ 1,382,979	$ 1,410,783	$ 2,512,274
43	NYMEX Price Used for Forecast					$ 5.3700	$ 5.0130	$ 3.9390	$ 3.8100	$ 3.8390	$ 3.8710	$ 3.8790	$ 3.8630	$ 3.8900
44	NYMEX Price Used for Update					$ 6.2650	$ 4.4310	$ 4.3770	$ 3.8100	$ 3.8390	$ 3.8710	$ 3.8790	$ 3.8630	$ 3.8900
45	Increase/(Decrease) NYMEX Price					$ 0.90	$ (0.58)	$ 0.44	$ -	$ -	$ -	$ -	$ -	$ -
46	Percentage of purchases tied to NYMEX					36.48%	60.87%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
47	Increase/(Decrease) in Pipeline Costs					$ 276,382	$ (362,430)	$ 483,375	$ -	$ -	$ -	$ -	$ -	$ -
48	Total Updated Pipeline Costs					$ 5,732,377	$ 5,073,910	$ 4,704,171	$ 2,197,031	$ 1,475,856	$ 1,373,084	$ 1,382,979	$ 1,410,783	$ 2,512,274
49	New Hampshire Allocated Percentage					36.38%	34.75%	31.67%	30.87%	29.65%	27.35%	27.40%	28.59%	33.29%
50	NH Updated Pipeline Costs					$ 2,085,483	$ 1,763,427	$ 1,489,607	$ 678,216	$ 437,649	$ 375,599	$ 378,996	$ 403,363	$ 836,389
51														
52	NH Peaking Volumes					168,774	66,406	1,794	1,860	1,800	1,860	1,860	1,800	1,860
53	NH Peaking Costs Modeled in Sendout					$ 2,865,280	$ 1,286,222	$ 10,221	$ 10,555	$ 11,094	$ 11,464	$ 11,464	$ 13,455	$ 14,402
54	Percentage of purchases tied to NYMEX					7.47%	3.18%	3.18%	3.18%	3.18%	3.18%	3.18%	3.18%	3.18%
55	Change in NYMEX Price					$ 0.90	$ (0.58)	$ 0.44	$ -	$ -	$ -	$ -	$ -	$ -
56	Increase/(Decrease) in Pieaking Costs					$ 11,277	$ (1,231)	$ 25	$ -	$ -	$ -	$ -	$ -	$ -
57	Total Update Peaking Costs					$ 2,876,556	$ 1,284,992	$ 10,246	$ 10,555	$ 11,094	$ 11,464	$ 11,464	$ 13,455	$ 14,402
58	New Hampshire Allocated Percentage					36.38%	34.75%	31.67%	30.87%	29.65%	27.35%	27.40%	28.59%	33.29%
59	NH Updated Peaking Costs					$ 1,046,514	$ 446,596	$ 3,244	$ 3,258	$ 3,290	$ 3,136	$ 3,142	$ 3,847	$ 4,795
60														
61	NH Commodity Costs													
62	Pipeline					$ 2,085,483	$ 1,763,427	$ 1,489,607	$ 678,216	$ 437,649	$ 375,599	$ 378,996	$ 403,363	$ 836,389
63	Storage					$ 983,140	$ 649,063	$ -	$ -	$ -	$ -	$ -	$ -	$ -
64	Peaking					$ 1,046,514	$ 446,596	$ 3,244	$ 3,258	$ 3,290	$ 3,136	$ 3,142	$ 3,847	$ 4,795
65	Total Commodity Costs		$ 1,688,692	$ 3,522,039	$ 5,641,895	$ 4,115,137	$ 2,859,087	$ 1,492,851	$ 681,474	$ 440,939	$ 378,735	$ 382,138	$ 407,210	$ 841,184
66	Inventory Finance Charge					$ 275	$ 224	$ 114	$ -	$ -	$ -	$ -	$ -	$ -
67														
68	**Total Anticipated Direct Cost of Gas**		$ 2,977,059	$ 4,791,616	$ 6,940,621	$ 5,301,740	$ 4,145,638	$ 2,292,307	$ 1,771,030	$ 1,530,495	$ 1,468,291	$ 1,471,694	$ 1,496,767	$ 1,551,599

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Ana

		Winter	Summer	Prior Period	Total
	Sales Revenues				
1	Volumes				
2	Residential Heat & Non Heat				
3	Sales HLF Classes				
4	Sales LLF Classes				
5	Total				
6	Rates				
7	Residential Heat & Non Heat CGA				
8	Sales HLF Classes CGA				
9	Sales LLF Classes CGA				
10	Revenues				
11	Residential Heat & Non Heat				
12	Sales HLF Classes				
13	Sales LLF Classes				
14	Total Sales	$ (31,825,769)	$ (4,610,285)		$ (36,436,053)
15					
16					
17	**Gas Costs and Credits**				
18					Total
19	Demand Costs (net of Capacity Assignment)				
20	Pipeline				
21	Storage				
22	On-system Peaking				
23	Off-System Peaking				
24	Total Demand Costs				
25					
26	Asset Management and Capacity Release				
27	NUI AMA Revenue				
28	NUI Capacity Release				
29	NUI AMA Rev & Cap. Release Subtotal				
30	NH AMA Revenue				
31	NH Capacity Release				
32	NH Total Asset Management and Capacity Release				
33					
34	Outage Replacement				
35					
36	Re-entry Rate & Conversion Rate Revenue				$ -
37	Off-system sales				
38	Net Demand Costs	$ 7,128,667	$ 6,158,197		$ 13,286,863
39					
40	NUI Commodity Costs				
41	NUI Total Pipeline Volumes				
42	Pipeline Costs Modeled in Sendout™				
43	NYMEX Price Used for Forecast				
44	NYMEX Price Used for Update				
45	Increase/(Decrease) NYMEX Price				
46	Percentage of purchases tied to NYMEX				
47	Increase/(Decrease) in Pipeline Costs				
48	Total Updated Pipeline Costs				
49	New Hampshire Allocated Percentage				
50	NH Updated Pipeline Costs				
51					
52	NH Peaking Volumes				
53	NH Peaking Costs Modeled in Sendout				
54	Percentage of purchases tied to NYMEX				
55	Change in NYMEX Price				
56	Increase/(Decrease) in Pieaking Costs				
57	Total Update Peaking Costs				
58	New Hampshire Allocated Percentage				
59	NH Updated Peaking Costs				
60					
61	NH Commodity Costs				
62	Pipeline				
63	Storage				
64	Peaking				
65	Total Commodity Costs	$ 19,319,700	$ 3,131,680		$ 22,451,381
66	Inventory Finance Charge	$ 614	$ -		$ 614
67					
68	**Total Anticipated Direct Cost of Gas**	$ 26,448,981	$ 9,289,877		$ 35,738,858

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

		Winter						Summer					
		(Actual)	(Actual)	(Actual)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
Working Capital													
Total Anticipated Direct Cost of Gas		$ 3,133,678	$ 4,948,234	$ 7,097,240	$ 5,458,358	$ 4,302,257	$ 2,448,926	$ 1,790,505	$ 1,549,970	$ 1,487,766	$ 1,491,169	$ 1,516,242	$ 1,571,073
Working Capital Percentage		0.0892%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%
Working Capital Allowance		$ 2,795	$ 4,414	$ 6,331	$ 4,869	$ 3,838	$ 2,184	$ 1,597	$ 1,383	$ 1,327	$ 1,330	$ 1,352	$ 1,401
Beginning Period Working Capital Balance		$ (1,398)	$ 1,398	$ 5,821	$ 12,176	$ 17,085	$ 20,974	$ 23,218	$ 24,880	$ 26,332	$ 27,732	$ 29,139	$ 30,573
End of Period Working Capital Allowance		$ 1,398	$ 5,812	$ 12,152	$ 17,045	$ 20,922	$ 23,158	$ 24,815	$ 26,263	$ 27,659	$ 29,062	$ 30,492	$ 31,974
Interest		$ 0	$ 10	$ 24	$ 40	$ 51	$ 60	$ 65	$ 69	$ 73	$ 77	$ 81	$ 85
End of period with Interest	$ (1,398)	$ 1,398	$ 5,821	$ 12,176	$ 17,085	$ 20,974	$ 23,218	$ 24,880	$ 26,332	$ 27,732	$ 29,139	$ 30,573	$ 32,059
Bad Debt													
Projected Bad Debt	$ -	$ 8,836	$ 14,798	$ (10,232)	$ 3,796	$ 7,592	$ 7,592	$ 15,185	$ 15,185	$ 22,777	$ 15,185	$ 22,777	$ 15,185
Beginning Period Bad Debt Balance		$ (44,260)	$ (35,532)	$ (20,810)	$ (31,113)	$ (27,395)	$ (19,867)	$ (12,318)	$ 2,854	$ 18,067	$ 40,925	$ 56,241	$ 79,202
End of Period Bad Debt Balance		*$ (35,424)*	*$ (20,734)*	*$ (31,042)*	*$ (27,316)*	*$ (19,803)*	*$ (12,274)*	*$ 2,867*	*$ 18,039*	*$ 40,845*	*$ 56,110*	*$ 79,019*	*$ 94,387*
Interest		$ (108)	$ (76)	$ (70)	$ (79)	$ (64)	$ (44)	$ (13)	$ 28	$ 80	$ 131	$ 183	$ 235
End of Period Bad Debt Balance with Interest	$ (44,260)	$ (35,532)	$ (20,810)	$ (31,113)	$ (27,395)	$ (19,867)	$ (12,318)	$ 2,854	$ 18,067	$ 40,925	$ 56,241	$ 79,202	$ 94,622
Local Production and Storage Capacity		$ 79,351	$ 79,351	$ 79,351	$ 79,351	$ 79,351	$ 79,351	$ -	$ -	$ -	$ -	$ -	$ -
		$ -	$ -	$ -									
Miscellaneous Overhead		$ 77,268	$ 77,268	$ 77,268	$ 77,268	$ 77,268	$ 77,268	$ 19,475	$ 19,475	$ 19,475	$ 19,475	$ 19,475	$ 19,475
Gas Cost Other than Bad Debt and Working Capital Over/Under Collection													
Beginning Balance Over/Under Collection	$ 255,642	$ 255,642	$ (436,716)	$ (1,004,488)	$ (1,234,293)	$ (2,191,252)	$ (3,378,728)	$ (4,209,081)	$ (3,416,755)	$ (2,525,383)	$ (1,598,693)	$ (674,436)	$ 216,038
Net Costs - Revenues		$ (692,113)	$ (565,823)	$ (226,777)	$ (952,327)	$ (1,179,943)	$ (820,092)	$ 802,639	$ 899,407	$ 932,267	$ 927,331	$ 891,094	$ 343,702
Ending Balance before Interest		$ (436,471)	$ (1,002,539)	$ (1,231,265)	$ (2,186,620)	$ (3,371,195)	$ (4,198,820)	$ (3,406,442)	$ (2,517,348)	$ (1,593,116)	$ (671,362)	$ 216,658	$ 559,740
Average Balance		$ (90,414)	$ (719,627)	$ (1,117,876)	$ (1,710,456)	$ (2,781,224)	$ (3,788,774)	$ (3,807,762)	$ (2,967,051)	$ (2,059,250)	$ (1,135,028)	$ (228,889)	$ 387,889
Interest 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 Expense		$ (245)	$ (1,949)	$ (3,028)	$ (4,632)	$ (7,532)	$ (10,261)	$ (10,313)	$ (8,036)	$ (5,577)	$ (3,074)	$ (620)	$ 1,051
Ending Balance Incl Interest Expense	$ 255,642	$ (436,716)	$ (1,004,488)	$ (1,234,293)	$ (2,191,252)	$ (3,378,728)	$ (4,209,081)	$ (3,416,755)	$ (2,525,383)	$ (1,598,693)	$ (674,436)	$ 216,038	$ 560,791
Total Over/Under Collection Ending Balance	$ 209,985	$ (470,850)	$ (1,019,477)	$ (1,253,229)	$ (2,201,563)	$ (3,377,621)	**$ (4,198,181)**	$ (3,389,021)	$ (2,480,984)	$ (1,530,036)	$ (589,056)	$ 325,813	$ 687,471
Total Indirect Cost of Gas	$ 209,985	$ 167,897	$ 173,815	$ 149,644	$ 160,612	$ 160,504	$ 156,151	$ 25,996	$ 28,104	$ 38,155	$ 33,124	$ 43,249	$ 37,431
Total Cost of Gas	$ 209,985	$ 3,144,957	$ 4,965,430	$ 7,090,265	$ 5,462,351	$ 4,306,142	$ 2,448,458	$ 1,797,027	$ 1,558,600	$ 1,506,446	$ 1,504,818	$ 1,540,016	$ 1,589,030
Total Interest	$ -	$ (353)	$ (2,015)	$ (3,073)	$ (4,672)	$ (7,545)	$ (10,245)	$ (10,260)	$ (7,938)	$ (5,424)	$ (2,866)	$ (356)	$ 1,370

April 30th Target Balance	$ (5,202,006)
April 30th Projected Balance	$ (4,198,181)
Variance	$ 1,003,825

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection An

	Winter	Summer	Prior Period	Total
Working Capital				
Total Anticipated Direct Cost of Gas				$ 36,795,419
Working Capital Percentage				
Working Capital Allowance	$ 24,431	$ 8,391	$ (1,398)	$ 31,424
Beginning Period Working Capital Balance				
End of Period Working Capital Allowance				
Interest	$ 185	$ 450		$ 635
End of period with Interest				
Bad Debt				
Projected Bad Debt	$ 32,383	$ 106,295	$ (44,260)	$ 94,418
Beginning Period Bad Debt Balance				
End of Period Bad Debt Balance				
Interest	$ (441)	$ 645		$ 204
End of Period Bad Debt Balance with Interest				
Local Production and Storage Capacity	$ 476,106	$ -		$ 476,106
				$ -
Miscellaneous Overhead	$ 463,606	$ 116,849		$ 580,455
Gas Cost Other than Bad Debt and Working Capital Over/				
Beginning Balance Over/Under Collection				$ (20,198,144)
Net Costs - Revenues				$ 359,365
Ending Balance before Interest				$ (19,838,779)
Average Balance				$ (20,018,461)
Interest Rate				
Interest Expense				$ (54,217)
Ending Balance Incl Interest Expense			$ 255,642	
Total Over/Under Collection Ending Balance				
Total Indirect Cost of Gas	$ 968,622	$ 206,060	$ 209,985	$ 1,384,667
Total Cost of Gas	$ 27,417,603	$ 9,495,937	$ 209,985	$ 37,123,525
Total Interest	$ (27,904)	$ (25,474)		$ (53,378)

Updated End of Period Balance ("Target Balance")
($5,202,006)
Line 98 - April

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

			Winter						Summer					
	Sales Revenues		(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
1	Volumes	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
2	Residential Heat & Non Heat		2,235,193	3,205,961	3,752,145	3,220,112	2,745,230	1,615,855	791,744	517,185	437,049	443,237	491,840	992,084
3	Sales HLF Classes		368,357	503,160	586,466	509,647	444,531	280,756	418,861	285,038	250,296	254,950	275,778	512,036
4	Sales LLF Classes		2,109,633	3,011,324	3,541,686	3,044,843	2,604,500	1,559,929	697,006	455,024	386,854	392,235	440,500	865,314
5	Total		4,713,183	6,720,446	7,880,297	6,774,602	5,794,261	3,456,540	1,907,611	1,257,246	1,074,199	1,090,422	1,208,118	2,369,434
6	Rates													
7	Residential Heat & Non Heat CGA		$0.9392	$0.9392	$0.9392	$0.9392	$0.9392	$0.9392	$0.5176	$0.5176	$0.5176	$0.5176	$0.5176	$0.5176
8	Sales HLF Classes CGA		$0.8453	$0.8453	$0.8453	$0.8453	$0.8453	$0.8453	$0.4740	$0.4740	$0.4740	$0.4740	$0.4740	$0.4740
9	Sales LLF Classes CGA		$0.9551	$0.9551	$0.9551	$0.9551	$0.9551	$0.9551	$0.5445	$0.5445	$0.5445	$0.5445	$0.5445	$0.5445
10	Revenues													
11	Residential Heat & Non Heat		$ (2,099,293)	$ (3,011,039)	$ (3,524,015)	$ (3,024,329)	$ (2,578,320)	$ (1,517,611)	$ (409,807)	$ (267,695)	$ (226,216)	$ (229,419)	$ (254,576)	$ (513,503)
12	Sales HLF Classes		$ (311,373)	$ (425,321)	$ (495,740)	$ (430,805)	$ (375,762)	$ (237,323)	$ (198,540)	$ (135,108)	$ (118,640)	$ (120,846)	$ (130,719)	$ (242,705)
13	Sales LLF Classes		$ (2,014,910)	$ (2,876,116)	$ (3,382,664)	$ (2,908,129)	$ (2,487,558)	$ (1,489,888)	$ (379,520)	$ (247,760)	$ (210,642)	$ (213,572)	$ (239,852)	$ (471,164)
14	Total Sales		$ (4,425,576)	$ (6,312,476)	$ (7,402,419)	$ (6,363,263)	$ (5,441,640)	$ (3,244,823)	$ (987,867)	$ (650,563)	$ (555,499)	$ (563,838)	$ (625,147)	$ (1,227,371)
15														

			Winter						Summer					
16														
17	**Gas Costs and Credits**		(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
18		Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
19	Demand Costs (net of Capacity Assignment)													
20	Pipeline		$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451	$ 455,451
21	Storage		$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421	$ 644,421
22	On-system Peaking		$ 208,007	$ 208,007	$ 208,007	$ 208,007	$ 208,007	$ 97,714	$ 16,975	$ 16,975	$ 16,975	$ 16,975	$ 16,975	$ 16,975
23	Off-System Peaking		$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646	$ 312,646
24	Total Demand Costs		$ 1,620,524	$ 1,620,524	$ 1,620,524	$ 1,620,524	$ 1,620,524	$ 1,510,232	$ 1,429,493	$ 1,429,493	$ 1,429,493	$ 1,429,493	$ 1,429,493	$ 1,429,493
25														
26	Asset Management and Capacity Release													
27	NUI AMA Revenue		$ (810,930)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)	$ (826,470)
28	NUI Capacity Release		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
29	NUI AMA Rev & Cap. Release Subtotal													
30	NH AMA Revenue		$ (333,866)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)
31	NH Capacity Release													
32	NH Total Asset Management and Capacity Release		$ (333,866)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)	$ (340,264)
33														
34	Outage Replacement Cost		$ 7,067	$ 7,067	$ 7,067	$ 7,067	$ 7,067	$ 7,067	$ 328	$ 328	$ 328	$ 328	$ 328	$ 328
35														
36	Re-entry Rate & Conversion Rate Revenue		$ (833.33)	$ (833.33)	$ (833.33)	$ (833.33)	$ (833.33)	$ (833.33)	$ -	$ -	$ -	$ -	$ -	$ -
37														
38	Net Demand Costs		$ 1,292,892	$ 1,286,494	$ 1,286,494	$ 1,286,494	$ 1,286,494	$ 1,176,202	$ 1,089,556	$ 1,089,556	$ 1,089,556	$ 1,089,556	$ 1,089,556	$ 1,089,556
39														
40	NUI Commodity Costs													
41	NUI Total Pipeline Volumes		982,127	978,933	926,892	846,586	1,023,092	1,103,596	623,919	427,539	395,807	401,078	426,093	718,859
42	Pipeline Costs Modeled in Sendout™		$ 5,248,530	$ 5,735,184	$ 6,062,675	$ 5,455,995	$ 5,436,340	$ 4,220,796	$ 2,197,031	$ 1,475,856	$ 1,373,084	$ 1,382,979	$ 1,410,783	$ 2,512,274
43	NYMEX Price Used for Forecast		$ 5.3050	$ 5.3980	$ 5.4650	$ 5.3700	$ 5.0130	$ 3.9390	$ 3.8100	$ 3.8390	$ 3.8710	$ 3.8790	$ 3.8630	$ 3.8900
44	NYMEX Price Used for Update		$ 5.3050	$ 5.3980	$ 5.4650	$ 5.3700	$ 5.0130	$ 3.9390	$ 3.8100	$ 3.8390	$ 3.8710	$ 3.8790	$ 3.8630	$ 3.8900
45	Increase/(Decrease) NYMEX Price		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
46	Increase/(Decrease) in Pipeline Costs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
47	Percentage of purchases tied to NYMEX		61%	40%	36%	36%	61%	100%	100%	100%	100%	100%	100%	100%
48	Updated Pipeline Costs		$ 5,248,530	$ 5,735,184	$ 6,062,675	$ 5,455,995	$ 5,436,340	$ 4,220,796	$ 2,197,031	$ 1,475,856	$ 1,373,084	$ 1,382,979	$ 1,410,783	$ 2,512,274
49	New Hampshire Allocated Percentage		36.21%	36.93%	36.99%	36.38%	34.75%	31.67%	30.87%	29.65%	27.35%	27.40%	28.59%	33.29%
50	NH Updated Pipeline Costs		$ 1,900,723	$ 2,118,268	$ 2,242,311	$ 1,984,934	$ 1,889,389	$ 1,336,543	$ 678,216	$ 437,649	$ 375,599	$ 378,996	$ 403,363	$ 836,389
51														
52	NH Peaking Volumes		1,794	132,447	416,567	168,774	66,406	1,794	1,860	1,800	1,860	1,860	1,800	1,860
53	NH Peaking Costs Modeled in Sendout		$ 9,526	$ 2,091,388	$ 4,553,220	$ 2,865,280	$ 1,286,222	$ 10,221	$ 10,555	$ 11,094	$ 11,464	$ 11,464	$ 13,455	$ 14,402
54	Percentage of purchases tied to NYMEX		100.00%	11.49%	57.41%	7.47%	3.18%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
55	Change in NYMEX Price		$ -	$ -	$ -	$ -	$ -	$ -						
56	Increase/(Decrease) in Pieaking Costs		$ -	$ -	$ -	$ -	$ -							
57	Total Update Peaking Costs		$ 9,526	$ 2,091,388	$ 4,553,220	$ 2,865,280	$ 1,286,222	$ 10,220.95	$ 10,555	$ 11,094	$ 11,464	$ 11,464	$ 13,455	$ 14,402
58	New Hampshire Allocated Percentage		36.21%	36.93%	36.99%	36.38%	34.75%	31.67%	30.87%	29.65%	27.35%	27.40%	28.59%	33.29%
59	NH Updated Peaking Costs		$ 3,450	$ 772,446	$ 1,684,032	$ 1,042,411	$ 447,024	$ 3,237	$ 3,258	$ 3,290	$ 3,136	$ 3,142	$ 3,847	$ 4,795
60														
61	NH Commodity Costs													
62	Pipeline		$ 1,900,723	$ 2,118,268	$ 2,242,311	$ 1,984,934	$ 1,889,389	$ 1,336,543	$ 678,216	$ 437,649	$ 375,599	$ 378,996	$ 403,363	$ 836,389
63	Storage		$ 378,185	$ 836,645	$ 933,716	$ 983,140	$ 649,063	$ -	$ -	$ -	$ -	$ -	$ -	$ -
64	Peaking		$ 3,450	$ 772,446	$ 1,684,032	$ 1,042,411	$ 447,024	$ 3,237	$ 3,258	$ 3,290	$ 3,136	$ 3,142	$ 3,847	$ 4,795
65	Total Commodity Costs		$ 2,282,359	$ 3,727,358	$ 4,860,059	$ 4,010,484	$ 2,985,476	$ 1,339,779	$ 681,474	$ 440,939	$ 378,735	$ 382,138	$ 407,210	$ 841,184
66	Inventory Finance Charge		$ 174	$ 268	$ 323	$ 275	$ 224	$ 114	$ -	$ -	$ -	$ -	$ -	$ -
67														
68	**Total Anticipated Direct Cost of Gas**		$ 3,575,425	$ 5,014,120	$ 6,146,876	$ 5,297,254	$ 4,272,194	$ 2,516,095	$ 1,771,030	$ 1,530,495	$ 1,468,291	$ 1,471,694	$ 1,496,767	$ 1,930,741

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollectior

Line	Sales Revenues	Winter	Summer	Prior Period	Total
1	Volumes				
2	Residential Heat & Non Heat				20,447,634
3	Sales HLF Classes				4,689,876
4	Sales LLF Classes				19,108,849
5	Total	35,339,329	8,907,030		44,246,359
6	Rates				
7	Residential Heat & Non Heat CGA				
8	Sales HLF Classes CGA				
9	Sales LLF Classes CGA				
10	Revenues				
11	Residential Heat & Non Heat				$ (17,655,823)
12	Sales HLF Classes				$ (3,222,882)
13	Sales LLF Classes				$ (16,921,776)
14	Total Sales	$ (33,190,196)	$ (4,610,285)		$ (37,800,481)
15					
16					
17	**Gas Costs and Credits**			Prior	
18		Winter	Summer	Period	Total
19	Demand Costs (net of Capacity Assignment)				
20	Pipeline	$ 2,732,703	$ 2,732,703		$ 5,465,407
21	Storage	$ 3,866,525	$ 3,866,525		$ 7,733,050
22	On-system Peaking	$ 1,137,749	$ 101,852		$ 1,239,601
23	Off-System Peaking	$ 1,875,877	$ 1,875,877		$ 3,751,755
24	Total Demand Costs	$ 9,612,854	$ 8,576,958		$ 18,189,812
25					
26	Asset Management and Capacity Release				
27	NUI AMA Revenue				$ (9,902,100)
28	NUI Capacity Release				$ -
29	NUI AMA Rev & Cap. Release Subtotal				$ -
30	NH AMA Revenue				$ (4,076,771)
31	NH Capacity Release				$ -
32	NH Total Asset Management and Capacity Release	$ (2,035,186)	$ (2,041,584)		$ (4,076,771)
33					
34	Outage Replacement Cost	$ 42,402	$ 1,965		
35					
36	Re-entry Rate & Conversion Rate Revenue	$ (5,000)	$ -		$ (5,000)
37					
38	Net Demand Costs	$ 7,615,070	$ 6,537,339		$ 14,152,408
39					
40	NUI Commodity Costs				
41	NUI Total Pipeline Volumes				8,854,520
42	Pipeline Costs Modeled in Sendout™				$ 42,511,526
43	NYMEX Price Used for Forecast				
44	NYMEX Price Used for Update				
45	Increase/(Decrease) NYMEX Price				
46	Increase/(Decrease) in Pipeline Costs				
47	Percentage of purchases tied to NYMEX				
48	Updated Pipeline Costs				
49	New Hampshire Allocated Percentage				
50	NH Updated Pipeline Costs	$ 11,472,168	$ 3,110,213		$ 14,582,381
51					
52	NH Peaking Volumes				
53	NH Peaking Costs Modeled in Sendout				
54	Percentage of purchases tied to NYMEX				
55	Change in NYMEX Price				
56	Increase/(Decrease) in Pieaking Costs				
57	Total Update Peaking Costs				
58	New Hampshire Allocated Percentage				
59	NH Updated Peaking Costs	$ 3,952,599	$ 21,467		
60					
61	NH Commodity Costs				
62	Pipeline	$ 11,472,168	$ 3,110,213		$ 14,582,381
63	Storage	$ 3,780,749	$ -		$ 3,780,749
64	Peaking	$ 3,952,599	$ 21,467		$ 3,974,066
65	Total Commodity Costs	$ 19,205,516	$ 3,131,680		$ 22,337,197
66	Inventory Finance Charge				$ 1,378
67					
68	**Total Anticipated Direct Cost of Gas**	$ 26,821,965	$ 9,669,019		$ 36,490,984

Updated End of Period Balance ("Target Balance")
($5,202,006)
Line 98 - April

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

Line			Winter						Summer					
70			(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)	(Forecast)
71		Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
72	Working Capital													
73	Total Anticipated Direct Cost of Gas		$ 3,575,425	$ 5,014,120	$ 6,146,876	$ 5,297,254	$ 4,272,194	$ 2,516,095	$ 1,771,030	$ 1,530,495	$ 1,468,291	$ 1,471,694	$ 1,496,767	$ 1,930,741
74	Working Capital Percentage		0.0892%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%
75	Working Capital Allowance		$ 3,190	$ 4,474	$ 5,484	$ 4,726	$ 3,812	$ 2,245	$ 1,580	$ 1,365	$ 1,310	$ 1,313	$ 1,335	$ 1,723
76	Beginning Period Working Capital Balance		$ (1,398)	$ 1,793	$ 6,277	$ 11,786	$ 16,551	$ 20,412	$ 22,715	$ 24,359	$ 25,792	$ 27,174	$ 28,562	$ 29,977
77	End of Period Working Capital Allowance		$ 1,792	$ 6,267	$ 11,762	$ 16,512	$ 20,362	$ 22,657	$ 24,295	$ 25,725	$ 27,102	$ 28,487	$ 29,898	$ 31,700
78	Interest		$ 1	$ 11	$ 24	$ 38	$ 50	$ 58	$ 64	$ 68	$ 72	$ 75	$ 79	$ 84
79	End of period with Interest	$ (1,398)	$ 1,793	$ 6,277	$ 11,786	$ 16,551	$ 20,412	$ 22,715	$ 24,359	$ 25,792	$ 27,174	$ 28,562	$ 29,977	$ 31,783
80	Bad Debt													
81	Projected Bad Debt	$ -	$ 15,185	$ 7,592	$ 3,796	$ 3,796	$ 7,592	$ 7,592	$ 15,185	$ 15,185	$ 22,777	$ 15,185	$ 22,777	$ 15,185
82	Beginning Period Bad Debt Balance		$ (44,260)	$ (29,174)	$ (21,651)	$ (17,908)	$ (14,155)	$ (6,591)	$ 994	$ 16,203	$ 31,452	$ 54,345	$ 69,698	$ 92,695
83	End of Period Bad Debt Balance		*$ (29,075)*	*$ (21,582)*	*$ (17,854)*	*$ (14,112)*	*$ (6,563)*	*$ 1,002*	*$ 16,179*	*$ 31,388*	*$ 54,229*	*$ 69,530*	*$ 92,476*	*$ 107,880*
84	Interest		$ (99)	$ (69)	$ (53)	$ (43)	$ (28)	$ (8)	$ 23	$ 64	$ 116	$ 168	$ 220	$ 272
85	End of Period Bad Debt Balance with Interest	$ (44,260)	$ (29,174)	$ (21,651)	$ (17,908)	$ (14,155)	$ (6,591)	$ 994	$ 16,203	$ 31,452	$ 54,345	$ 69,698	$ 92,695	$ 108,152
86	Local Production and Storage Capacity		$ 79,351	$ 79,351	$ 79,351	$ 79,351	$ 79,351	$ 79,351	$ -	$ -	$ -	$ -	$ -	$ -
87			$ -	$ -	$ -									
88	Miscellaneous Overhead		$ 77,268	$ 77,268	$ 77,268	$ 77,268	$ 77,268	$ 77,268	$ 19,475	$ 19,475	$ 19,475	$ 19,475	$ 19,475	$ 19,475
89														
90	Gas Cost Other than Bad Debt and Working Capital Over/Under Collection													
91	Beginning Balance Over/Under Collection		$ 244,694	$ (449,115)	$ (1,593,614)	$ (2,698,342)	$ (3,616,273)	$ (4,640,265)	$ (5,225,716)	$ (4,436,143)	$ (3,547,532)	$ (2,623,610)	$ (1,702,129)	$ (814,438)
92	Net Costs - Revenues		$ (693,532)	$ (1,141,737)	$ (1,098,924)	$ (909,391)	$ (1,012,827)	$ (572,108)	$ 802,639	$ 899,407	$ 932,267	$ 927,331	$ 891,094	$ 722,844
93	Ending Balance before Interest		$ (448,838)	$ (1,590,852)	$ (2,692,538)	$ (3,607,733)	$ (4,629,099)	$ (5,212,374)	$ (4,423,077)	$ (3,536,736)	$ (2,615,265)	$ (1,696,279)	$ (811,035)	$ (91,594)
94	Average Balance		$ (102,072)	$ (1,019,983)	$ (2,143,076)	$ (3,153,038)	$ (4,122,686)	$ (4,926,319)	$ (4,824,396)	$ (3,986,439)	$ (3,081,399)	$ (2,159,945)	$ (1,256,582)	$ (453,016)
95	Interest 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%
96	Interest Expense		$ (276)	$ (2,762)	$ (5,804)	$ (8,539)	$ (11,166)	$ (13,342)	$ (13,066)	$ (10,797)	$ (8,345)	$ (5,850)	$ (3,403)	$ (1,227)
97	Ending Balance Incl Interest Expense	$ 244,694	$ (449,115)	$ (1,593,614)	$ (2,698,342)	$ (3,616,273)	$ (4,640,265)	$ (5,225,716)	$ (4,436,143)	$ (3,547,532)	$ (2,623,610)	$ (1,702,129)	$ (814,438)	$ (92,821)
98	**Total Over/Under Collection Ending Balance**	$ 199,037	$ (476,496)	$ (1,608,988)	$ (2,704,464)	$ (3,613,877)	$ (4,626,444)	**$ (5,202,006)**	$ (4,395,581)	$ (3,490,288)	$ (2,542,091)	$ (1,603,868)	$ (691,766)	$ 47,114
99														
100	**Total Indirect Cost of Gas**	$ 199,037	$ 174,618	$ 165,864	$ 160,066	$ 156,597	$ 156,879	$ 153,165	$ 23,261	$ 25,361	$ 35,404	$ 30,366	$ 40,483	$ 35,511
101														
102	**Total Cost of Gas**	$ 199,037	$ 3,750,043	$ 5,179,985	$ 6,306,942	$ 5,453,850	$ 4,429,073	$ 2,669,260	$ 1,794,291	$ 1,555,856	$ 1,503,696	$ 1,502,060	$ 1,537,250	$ 1,966,251
103														
104	**Total Interest**	$ -	$ (375)	$ (2,820)	$ (5,833)	$ (8,545)	$ (11,144)	$ (13,291)	$ (12,979)	$ (10,664)	$ (8,158)	$ (5,607)	$ (3,104)	$ (872)

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollectior

Line		Winter	Summer	Prior Period	Total
69					
72	Working Capital				
73	Total Anticipated Direct Cost of Gas				$ 36,490,984
74	Working Capital Percentage				
75	Working Capital Allowance	$ 23,930	$ 8,627	$ (1,398)	$ 31,159
76	Beginning Period Working Capital Balance				
77	End of Period Working Capital Allowance				
78	Interest	$ 183	$ 441		$ 624
79	End of period with Interest				
80	Bad Debt				
81	Projected Bad Debt	$ 45,555	$ 106,295	$ (44,260)	$ 107,590
82	Beginning Period Bad Debt Balance				
83	End of Period Bad Debt Balance				
84	Interest	$ (301)	$ 863		$ 562
85	End of Period Bad Debt Balance with Interest				
86	Local Production and Storage Capacity				$ 476,106
87					$ -
88	Miscellaneous Overhead				$ 580,455
89					
90	Gas Cost Other than Bad Debt and Working Capital				
91	Beginning Balance Over/Under Collection				$ (31,102,484)
92	Net Costs - Revenues				$ (252,937)
93	Ending Balance before Interest				$ (31,355,421)
94	Average Balance				$ (31,228,953)
95	Interest Rate				
96	Interest Expense				$ (84,578)
97	Ending Balance Incl Interest Expense			$ 244,694	
98	**Total Over/Under Collection Ending Balance**				
99					
100	**Total Indirect Cost of Gas**	$ 967,189	$ 190,386	$ 199,037	$ 1,356,612
101					
102	**Total Cost of Gas**	$ 27,789,154	$ 9,859,405	$ 199,037	$ 37,847,595
103					
104	**Total Interest**	$ (42,008)	$ (41,384)		$ (83,393)