



February 24, 2020

Debra Howland
Executive Director and Secretary
New Hampshire Public Utilities Commission
21 S. Fruit St., Suite 10
Concord, NH 03301-2429

Re: Northern Utilities, Inc., New Hampshire Division - Docket DG 19-154
February 2020 Monthly Cost of Gas Report

Dear Director Howland:

Pursuant to Commission Order No. 26,303 in Docket DG 19-154, enclosed is Northern Utilities - New Hampshire Division's ("Northern" or the "Company") current calculation of its projected over or under-collection of gas costs for the 2019-2020 winter season.

Northern's current calculation of costs has been updated to reflect the actual November 1, 2019 balance, actual costs and revenues for November through January 2020, and updated NYMEX futures prices as of February 20, 2020. The updated calculations indicate that a rate change is not required at this time. Support for this decision is provided in the attached summary and tables.

If you have any questions regarding this filing, please do not hesitate to contact me or Chris Kahl at (603)773-6425.

Very truly yours,

A handwritten signature in dark ink, appearing to read "George H. Simmons Jr.", with a stylized flourish at the end.

George H. Simmons Jr.

Enclosures

cc: Lynn Fabrizio, Esq.
D. Maurice Kreis, Consumer Advocate

George H. Simmons
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New Hampshire Monthly Cost of Gas Report

Winter Period

February 2020 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, 2020 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 2020 analysis, estimated costs and revenues for November 2019 through January 2020 have been replaced with actuals. Estimated commodity costs for February 2020 through April 2020 have been updated to reflect NYMEX prices as of February 20, 2020. As shown on Table 1, Line 23, the estimated end of Winter Period balance is an over-collection of (\$3,771,891). This over-collection is higher than the target end of Winter Period balance¹ of (\$3,553,724), Line 25. The variance between the estimated and target balances is an over-collection of (\$218,167), Line 27. This variance represents 1.17% of total gas costs, Line 31, and is below the 2% threshold. Therefore, no rate change is proposed at this time.

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

¹ Target end of Winter Period balance has been updated from last month to account for lower projected revenues from December 2019 through April 2020. Prior adjustments to the target end of Winter Period balance include updating for actual costs and revenues through October 2019 (per the November 2019 Monthly Cost of Gas Report) plus the revision of the monthly peaking demand charges during the winter months (per the January 2020 Monthly Cost of Gas Report).

NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
Calculation of the Projected Over or Under Collection of the
Winter 2019-2020 Period Cost of Gas
DG 19-154
February 2020 Estimated

1	Under/(Over) collection as of 11/01/19	\$ (2,757,999)	Table 2, PG. 3, Line 92, October
2			
3	Forecasted firm therm sales 01/01/20 - 4/30/20		
4	Residential heat & non heat	7,655,317	Table 2, PG. 2, Line 2
5	HLF Classes	1,716,845	Table 2, PG. 2, Line 3
6	LLF Classes	7,082,289	Table 2, PG. 2, Line 4
7			
8	Current recovery rate per therm		
9	Residential heat & non heat	\$0.5626	Table 2, PG. 1, Line 7
10	HLF classes	\$0.4715	Table 2, PG. 1, Line 8
11	LLF classes	\$0.5847	Table 2, PG. 1, Line 9
12			
13	Total	\$ (9,257,388)	(LN 4 * Ln 9) + (LN 5 * LN 10) + (LN 6 * LN 11)
14			
15	Forecasted recovered costs at current rates 02/01/20 - 04/30/20	\$ (9,257,388)	LN 13
16	Actual recovered costs 11/01/19 - 01/31/20	\$ (10,446,357)	Table 2, PG. 1, Line 5, Nov through Jan
17	Estimated total recovered costs 11/01/19 - 04/30/20	\$ (19,703,745)	LN 15 + LN 16
18			
19	Revised projected direct gas costs [1]	\$ 17,746,187	Table 2, PG. 2, Line 62, Winter
20	Revised projected indirect gas costs [2]	\$ 943,666	Table 2, PG. 4, Line 94, Winter
21	Revised total projected gas costs 11/01/2019 - 04/30/2019	\$ 18,689,853	LN 19 + LN 20
22			
23	Projected April 30, 2020 Winter Period Balance	\$ (3,771,891)	LN 1 + LN 17 + LN 21
24			
25	April 30, 2020 Target Balance [3]	\$ (3,553,724)	Table 3, PG. 3, Line 92, April
26			
27	Variance from Target Balance	\$ (218,167)	LN 23 - LN 25
28			
29	Total Projected Gas Costs	\$ 18,689,853	LN 21
30			
31	Under/(over) collection as percent of total gas costs	-1.17%	LN 27 / LN 29

NOTES

- [1] Reflects futures prices as of February 20, 2020
[2] Includes: Working Capital Allowance, Bad Debt Allowance, Production and Storage Capacity, Miscellaneous Overhead and Interest
[3] Adjusted to reflect actual account balance as of October 31, 2019

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

		Winter							Summer						
Sales Revenues		Oct-19	Nov-19	Dec-19	Jan-20	(Forecast) Feb-20	(Forecast) Mar-20	(Forecast) Apr-20	(Forecast) May-20	(Forecast) Jun-20	(Forecast) Jul-20	(Forecast) Aug-20	(Forecast) Sep-20	(Forecast) Oct-20	
Volumes															
Residential Heat & Non Heat						3,226,953	2,844,747	1,583,618	720,231	498,332	418,796	425,522	451,490	959,307	
Sales HLF Classes						723,703	637,986	355,155	560,311	387,683	325,806	331,039	351,241	746,303	
Sales LLF Classes						2,985,404	2,631,807	1,465,078	525,137	363,346	305,354	310,258	329,192	699,453	
Total						6,936,059	6,114,540	3,403,851	1,805,678	1,249,361	1,049,956	1,066,818	1,131,924	2,405,063	
Rates															
Residential Heat & Non Heat CGA						\$0.5626	\$0.5626	\$0.5626	\$0.2732	\$0.2732	\$0.2732	\$0.2732	\$0.2732	\$0.2732	
Sales HLF Classes CGA						\$0.4715	\$0.4715	\$0.4715	\$0.2407	\$0.2407	\$0.2407	\$0.2407	\$0.2407	\$0.2407	
Sales LLF Classes CGA						\$0.5847	\$0.5847	\$0.5847	\$0.3080	\$0.3080	\$0.3080	\$0.3080	\$0.3080	\$0.3080	
Revenues															
Residential Heat & Non Heat						\$ (1,815,484)	\$ (1,600,454)	\$ (890,943)	\$ (196,767)	\$ (136,144)	\$ (114,415)	\$ (116,253)	\$ (123,347)	\$ (262,083)	
Sales HLF Classes						\$ (341,226)	\$ (300,811)	\$ (167,456)	\$ (134,867)	\$ (93,315)	\$ (78,422)	\$ (79,681)	\$ (84,544)	\$ (179,635)	
Sales LLF Classes						\$ (1,745,566)	\$ (1,538,818)	\$ (856,631)	\$ (161,742)	\$ (111,911)	\$ (94,049)	\$ (95,559)	\$ (101,391)	\$ (215,432)	
Total Sales			\$ (2,598,366)	\$ (4,010,385)	\$ (3,837,605)	\$ (3,902,275)	\$ (3,440,083)	\$ (1,915,030)	\$ (493,376)	\$ (341,370)	\$ (286,886)	\$ (291,493)	\$ (309,282)	\$ (657,149)	

		Winter							Summer						
Gas Costs and Credits		Oct-19	Nov-19	Dec-19	Jan-20	(Forecast) Feb-20	(Forecast) Mar-20	(Forecast) Apr-20	(Forecast) May-20	(Forecast) Jun-20	(Forecast) Jul-20	(Forecast) Aug-20	(Forecast) Sep-20	(Forecast) Oct-20	
Demand Costs (net of Capacity Assignment)															
Pipeline					\$ 148,071	\$ 148,071	\$ 148,071	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	
Storage					\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	
On-system Peaking					\$ 197,149	\$ 197,149	\$ 197,149	\$ 91,532	\$ 27,823	\$ 27,823	\$ 27,823	\$ 27,823	\$ 27,823	\$ 27,823	
Off-System Peaking					\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	
Total Demand Costs					\$ 1,271,859	\$ 1,271,859	\$ 1,271,859	\$ 1,165,857	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	
Asset Management and Capacity Release															
NUI AMA Revenue					\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	
NUI Capacity Release					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
NUI AMA Rev & Cap. Release Subtotal					\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	
NH AMA Revenue					\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	
NH Capacity Release															
NH Total Asset Management and Capacity Release					\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	
Re-entry Rate & Conversion Rate Revenue					\$ (1,666.67)	\$ (1,666.67)	\$ (1,666.67)	\$ (1,666.67)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Net Demand Costs			\$ 759,005	\$ 797,653	\$ 798,937	\$ 765,373	\$ 765,373	\$ 659,371	\$ 597,329	\$ 597,329	\$ 597,329	\$ 597,329	\$ 597,329	\$ 597,329	
NUI Commodity Costs															
NUI Total Pipeline Volumes						526,109	639,074	969,749	510,915	354,416	307,247	308,564	332,093	656,863	
Pipeline Costs Modeled in Sendout™						\$ 1,863,362	\$ 1,792,992	\$ 2,168,195	\$ 1,104,254	\$ 765,743	\$ 669,901	\$ 672,296	\$ 702,927	\$ 1,424,889	
NYMEX Price Used for Forecast						\$ 2,5560	\$ 2,4730	\$ 2,2770	\$ 2,2610	\$ 2,2970	\$ 2,3360	\$ 2,3450	\$ 2,3290	\$ 2,3540	
NYMEX Price Used for Update						\$ 1,8770	\$ 1,9200	\$ 1,9310	\$ 2,2610	\$ 2,2970	\$ 2,3360	\$ 2,3450	\$ 2,3290	\$ 2,3540	
Increase/(Decrease) NYMEX Price						\$ (0.68)	\$ (0.55)	\$ (0.35)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Increase/(Decrease) in Pipeline Costs						\$ (357,228)	\$ (353,408)	\$ (335,533)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Updated Pipeline Costs						\$ 1,506,134	\$ 1,439,585	\$ 1,832,662	\$ 1,104,254	\$ 765,743	\$ 669,901	\$ 672,296	\$ 702,927	\$ 1,424,889	
New Hampshire Allocated Percentage						38.53%	38.04%	35.46%	35.71%	35.57%	34.45%	34.85%	34.38%	37.04%	
NH Updated Pipeline Costs						\$ 580,366	\$ 547,681	\$ 649,777	\$ 394,326	\$ 272,352	\$ 230,753	\$ 234,299	\$ 241,655	\$ 527,737	
NH Peaking Volumes						184,496	110,637	1,194							
NH Peaking Costs Modeled in Sendout						\$ 1,573,556	\$ 822,748	\$ 4,855							
Change in NYMEX Price						\$ (0.68)	\$ (0.55)	\$ (0.35)							
Change in Peaking Costs						\$ (125,273)	\$ (61,182)	\$ (413)							
NH Updated Peaking Costs						\$ 1,448,283	\$ 761,566	\$ 4,442							
NH Commodity Costs															
Pipeline						\$ 580,366	\$ 547,681	\$ 649,777	\$ 394,326	\$ 272,352	\$ 230,753	\$ 234,299	\$ 241,655	\$ 527,737	
Storage						\$ 754,783	\$ 635,566	\$ 333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Peaking						\$ 1,448,283	\$ 761,566	\$ 4,442	\$ 2,667	\$ 2,559	\$ 2,555	\$ 2,584	\$ 2,458	\$ 2,734	
Total Commodity Costs			\$ 1,405,691	\$ 3,504,183	\$ 2,906,576	\$ 2,783,432	\$ 1,944,814	\$ 654,552	\$ 396,992	\$ 274,911	\$ 233,309	\$ 236,882	\$ 244,112	\$ 530,470	
Inventory Finance Charge						\$ 544	\$ 463	\$ 219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Anticipated Direct Cost of Gas			\$ 2,164,696	\$ 4,301,837	\$ 3,705,513	\$ 3,549,350	\$ 2,710,650	\$ 1,314,142	\$ 994,321	\$ 872,240	\$ 830,637	\$ 834,211	\$ 841,441	\$ 1,127,799	

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Analysis

Sales Revenues		Winter	Summer	Prior Period	Total
Volumes					
Residential Heat & Non Heat					11,128,995
Sales HLF Classes					4,419,227
Sales LLF Classes					9,615,029
Total					25,163,251
Rates					
Residential Heat & Non Heat CGA					
Sales HLF Classes CGA					
Sales LLF Classes CGA					
Revenues					
Residential Heat & Non Heat					\$ (5,255,890)
Sales HLF Classes					\$ (1,459,956)
Sales LLF Classes					\$ (4,921,098)
Total Sales		\$ (19,703,745)	\$ (2,379,556)		\$ (22,083,301)
Gas Costs and Credits					Total
Demand Costs (net of Capacity Assignment)					
Pipeline		\$ 591,898	\$ 886,115		\$ 1,478,012
Storage		\$ 2,407,619	\$ 3,611,429		\$ 6,019,048
On-system Peaking		\$ 682,980	\$ 186,940		\$ 849,920
Off-System Peaking		\$ 1,298,936	\$ 1,948,405		\$ 3,247,341
Total Demand Costs		\$ 4,981,434	\$ 6,612,888		\$ 11,594,322
Asset Management and Capacity Release					
NUI AMA Revenue					\$ (12,050,500)
NUI Capacity Release					\$ -
NUI AMA Rev & Cap. Release Subtotal					\$ -
NH AMA Revenue					\$ (5,048,191)
NH Capacity Release					\$ -
NH Total Asset Management and Capacity Release			\$ -	\$ -	\$ (5,048,191)
Re-entry Rate & Conversion Rate Revenue		\$ (10,000)	\$ -		\$ (10,000)
Net Demand Costs		\$ 4,545,712	\$ 3,583,973		\$ 8,129,686
NUI Commodity Costs					
NUI Total Pipeline Volumes					4,605,030
Pipeline Costs Modeled in Sendout™					\$ 11,164,559
NYMEX Price Used for Forecast					
NYMEX Price Used for Update					
Increase/(Decrease) NYMEX Price					
Increase/(Decrease) in Pipeline Costs					
Updated Pipeline Costs					
New Hampshire Allocated Percentage					
NH Updated Pipeline Costs					\$ 3,678,945
NH Peaking Volumes					
NH Peaking Costs Modeled in Sendout					
Change in NYMEX Price					
Change in Peaking Costs					
NH Updated Peaking Costs					\$ 2,214,292
NH Commodity Costs					
Pipeline					\$ 3,678,945
Storage					\$ 1,390,682
Peaking					\$ 2,229,848
Total Commodity Costs		\$ 13,199,249	\$ 1,916,677		\$ 15,115,925
Inventory Finance Charge					\$ 1,226
Total Anticipated Direct Cost of Gas		\$ 17,746,187	\$ 5,500,650		\$ 23,246,837

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

	Oct-19	Winter						Summer					
		Nov-19	Dec-19	Jan-20	(Forecast) Feb-20	(Forecast) Mar-20	(Forecast) Apr-20	(Forecast) May-20	(Forecast) Jun-20	(Forecast) Jul-20	(Forecast) Aug-20	(Forecast) Sep-20	(Forecast) Oct-20
Working Capital													
Total Anticipated Direct Cost of Gas		\$ 2,321,971	\$ 4,459,112	\$ 3,862,788	\$ 3,706,625	\$ 2,867,925	\$ 1,471,417	\$ 1,013,140	\$ 891,058	\$ 849,456	\$ 853,029	\$ 860,260	\$ 1,146,617
Working Capital Percentage		0.1441%	0.14%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%
Working Capital Allowance		\$ 3,346	\$ 6,426	\$ 5,037	\$ 4,833	\$ 3,740	\$ 1,919	\$ 1,321	\$ 1,162	\$ 1,108	\$ 1,112	\$ 1,122	\$ 1,495
Beginning Period Working Capital Balance		\$ (47,184)	\$ (44,037)	\$ (37,790)	\$ (32,893)	\$ (28,180)	\$ (24,544)	\$ (22,719)	\$ (21,485)	\$ (20,406)	\$ (19,377)	\$ (18,339)	\$ (17,287)
End of Period Working Capital Allowance		\$ (43,838)	\$ (37,611)	\$ (32,753)	\$ (28,059)	\$ (24,440)	\$ (22,625)	\$ (21,398)	\$ (20,323)	\$ (19,298)	\$ (18,264)	\$ (17,217)	\$ (15,792)
Interest		\$ (199)	\$ (179)	\$ (140)	\$ (121)	\$ (104)	\$ (93)	\$ (87)	\$ (83)	\$ (79)	\$ (74)	\$ (70)	\$ (65)
End of period with Interest	\$ (47,184)	\$ (44,037)	\$ (37,790)	\$ (32,893)	\$ (28,180)	\$ (24,544)	\$ (22,719)	\$ (21,485)	\$ (20,406)	\$ (19,377)	\$ (18,339)	\$ (17,287)	\$ (15,858)
Bad Debt													
Projected Bad Debt	\$ -	\$ 14,220	\$ 7,458	\$ 24,377	\$ -	\$ -	\$ -	\$ 8,419	\$ 25,257	\$ 25,257	\$ 33,676	\$ 25,257	\$ 25,257
Beginning Period Bad Debt Balance		\$ 32,931	\$ 47,326	\$ 55,008	\$ 79,651	\$ 79,966	\$ 80,283	\$ 80,601	\$ 89,355	\$ 115,016	\$ 140,778	\$ 175,077	\$ 201,077
End of Period Bad Debt Balance		\$ 47,151	\$ 54,784	\$ 79,385	\$ 79,651	\$ 79,966	\$ 80,283	\$ 89,020	\$ 114,612	\$ 140,272	\$ 174,453	\$ 200,334	\$ 226,334
Interest		\$ 175	\$ 223	\$ 266	\$ 315	\$ 317	\$ 318	\$ 336	\$ 404	\$ 505	\$ 624	\$ 743	\$ 846
End of Period Bad Debt Balance with Interest	\$ 32,931	\$ 47,326	\$ 55,008	\$ 79,651	\$ 79,966	\$ 80,283	\$ 80,601	\$ 89,355	\$ 115,016	\$ 140,778	\$ 175,077	\$ 201,077	\$ 227,180
Local Production and Storage Capacity		\$ 79,351	\$ 79,351	\$ 79,351	\$ 79,351	\$ 79,351	\$ 79,351	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ 77,924	\$ 77,924	\$ 77,924	\$ 77,924	\$ 77,924	\$ 77,924	\$ 18,818	\$ 18,818	\$ 18,818	\$ 18,818	\$ 18,818	\$ 18,818
Gas Cost Other than Bad Debt and Working Capital Over/Under Collection													
Beginning Balance Over/Under Collection		\$ (2,743,747)	\$ (3,032,750)	\$ (2,596,311)	\$ (2,581,355)	\$ (2,787,610)	\$ (3,371,935)	\$ (3,829,773)	\$ (3,324,140)	\$ (2,786,522)	\$ (2,233,868)	\$ (1,680,063)	\$ (1,134,645)
Net Costs - Revenues		\$ (276,395)	\$ 448,726	\$ 25,183	\$ (195,650)	\$ (572,158)	\$ (443,613)	\$ 519,764	\$ 549,688	\$ 562,570	\$ 561,536	\$ 550,978	\$ 489,468
Ending Balance before Interest		\$ (3,020,142)	\$ (2,584,024)	\$ (2,571,128)	\$ (2,777,005)	\$ (3,359,768)	\$ (3,815,547)	\$ (3,310,009)	\$ (2,774,452)	\$ (2,223,952)	\$ (1,672,332)	\$ (1,129,086)	\$ (645,177)
Average Balance		\$ (2,881,944)	\$ (2,808,387)	\$ (2,583,719)	\$ (2,679,180)	\$ (3,073,689)	\$ (3,593,741)	\$ (3,569,891)	\$ (3,049,296)	\$ (2,505,237)	\$ (1,953,100)	\$ (1,404,574)	\$ (889,911)
Interest Rate		5.25%	5.25%	4.75%	4.75%	4.75%	4.75%	4.75%	4.75%	4.75%	4.75%	4.75%	4.75%
Interest Expense		\$ (12,609)	\$ (12,287)	\$ (10,227)	\$ (10,605)	\$ (12,167)	\$ (14,225)	\$ (14,131)	\$ (12,070)	\$ (9,917)	\$ (7,731)	\$ (5,560)	\$ (3,523)
Ending Balance Incl Interest Expense	\$ (2,743,747)	\$ (3,032,750)	\$ (2,596,311)	\$ (2,581,355)	\$ (2,787,610)	\$ (3,371,935)	\$ (3,829,773)	\$ (3,324,140)	\$ (2,786,522)	\$ (2,233,868)	\$ (1,680,063)	\$ (1,134,645)	\$ (648,700)
Total Over/Under Collection Ending Balance	\$ (2,757,999)	\$ (3,029,461)	\$ (2,579,093)	\$ (2,534,597)	\$ (2,735,824)	\$ (3,316,196)	\$ (3,771,891)	\$ (3,256,270)	\$ (2,691,912)	\$ (2,112,467)	\$ (1,523,325)	\$ (950,856)	\$ (437,378)
Total Indirect Cost of Gas	\$ (2,757,999)	\$ 162,208	\$ 158,917	\$ 176,589	\$ 151,698	\$ 149,061	\$ 145,193	\$ 14,676	\$ 33,488	\$ 35,693	\$ 46,425	\$ 40,310	\$ 42,828
Total Cost of Gas	\$ (2,757,999)	\$ 2,326,904	\$ 4,460,754	\$ 3,882,102	\$ 3,701,048	\$ 2,859,710	\$ 1,459,335	\$ 1,008,997	\$ 905,728	\$ 866,330	\$ 880,636	\$ 881,751	\$ 1,170,627
Total Interest	\$ -	\$ (12,632)	\$ (12,242)	\$ (10,101)	\$ (10,410)	\$ (11,954)	\$ (14,001)	\$ (13,882)	\$ (11,749)	\$ (9,490)	\$ (7,182)	\$ (4,887)	\$ (2,742)

April 30th Target Balance	\$ (3,553,724)
April 30th Projected Balance	\$ (3,771,891)
Variance	\$ (218,167)

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection Analysis

	Winter	Summer	Prior Period	Total
Working Capital				
Total Anticipated Direct Cost of Gas				\$ 24,303,398
Working Capital Percentage				
Working Capital Allowance	\$ 25,301	\$ 7,320	\$ (47,184)	\$ (14,563)
Beginning Period Working Capital Balance				
End of Period Working Capital Allowance				
Interest	\$ (835)	\$ (459)		\$ (1,294)
End of period with Interest				
Bad Debt				
Projected Bad Debt	\$ 46,055	\$ 143,122	\$ 32,931	\$ 222,108
Beginning Period Bad Debt Balance				
End of Period Bad Debt Balance				
Interest	\$ 1,614	\$ 3,457		\$ 5,072
End of Period Bad Debt Balance with Interest				
Local Production and Storage Capacity				\$ 476,106
				\$ -
Miscellaneous Overhead				\$ 580,455
Gas Cost Other than Bad Debt and Working Capital Over/L				
Beginning Balance Over/Under Collection				\$ (32,102,718)
Net Costs - Revenues				\$ 2,220,097
Ending Balance before Interest				\$ (29,882,621)
Average Balance				\$ (30,992,670)
Interest Rate				
Interest Expense				\$ (125,050)
Ending Balance Incl Interest Expense			\$ (2,743,747)	
Total Over/Under Collection Ending Balance				
Total Indirect Cost of Gas	\$ 943,666	\$ 213,419	\$ (2,757,999)	\$ (1,600,914)
Total Cost of Gas	\$ 18,689,853	\$ 5,714,069	\$ (2,757,999)	\$ 21,645,923
Total Interest	\$ (71,341)	\$ (49,932)		\$ (121,273)

Updated End of Period Balance ("Target Balance")
(\$3,553,724)
Line 92 - April

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

Sales Revenues	Oct-19	Winter						Summer					
		(Forecast) Nov-19	(Forecast) Dec-19	(Forecast) Jan-20	(Forecast) Feb-20	(Forecast) Mar-20	(Forecast) Apr-20	(Forecast) May-20	(Forecast) Jun-20	(Forecast) Jul-20	(Forecast) Aug-20	(Forecast) Sep-20	(Forecast) Oct-20
Volumes													
Residential Heat & Non Heat		2,129,394	3,152,538	3,840,347	3,226,953	2,844,747	1,583,618	720,231	498,332	418,796	425,522	451,490	959,307
Sales HLF Classes		477,556	707,014	861,268	723,703	637,986	355,155	560,311	387,683	325,806	331,039	351,241	746,303
Sales LLF Classes		1,970,002	2,916,559	3,552,883	2,985,404	2,631,807	1,465,078	525,137	363,346	305,354	310,258	329,192	699,453
Total		4,576,952	6,776,112	8,254,498	6,936,059	6,114,540	3,403,851	1,805,678	1,249,361	1,049,956	1,066,818	1,131,924	2,405,063
Rates													
Residential Heat & Non Heat CGA		\$0.5861	\$0.5626	\$0.5626	\$0.5626	\$0.5626	\$0.5626	\$0.2768	\$0.2768	\$0.2768	\$0.2768	\$0.2768	\$0.2768
Sales HLF Classes CGA		\$0.4950	\$0.4715	\$0.4715	\$0.4715	\$0.4715	\$0.4715	\$0.2443	\$0.2443	\$0.2443	\$0.2443	\$0.2443	\$0.2443
Sales LLF Classes CGA		\$0.6082	\$0.5847	\$0.5847	\$0.5847	\$0.5847	\$0.5847	\$0.3116	\$0.3116	\$0.3116	\$0.3116	\$0.3116	\$0.3116
Revenues													
Residential Heat & Non Heat		\$ (1,248,038)	\$ (1,773,618)	\$ (2,160,579)	\$ (1,815,484)	\$ (1,600,454)	\$ (890,943)	\$ (199,360)	\$ (137,938)	\$ (115,923)	\$ (117,784)	\$ (124,973)	\$ (265,536)
Sales HLF Classes		\$ (236,390)	\$ (333,357)	\$ (406,088)	\$ (341,226)	\$ (300,811)	\$ (167,456)	\$ (136,884)	\$ (94,711)	\$ (79,595)	\$ (80,873)	\$ (85,808)	\$ (182,322)
Sales LLF Classes		\$ (1,198,155)	\$ (1,705,312)	\$ (2,077,371)	\$ (1,745,566)	\$ (1,538,818)	\$ (856,631)	\$ (163,633)	\$ (113,219)	\$ (95,148)	\$ (96,676)	\$ (102,576)	\$ (217,950)
Total Sales		\$ (2,682,583)	\$ (3,812,287)	\$ (4,644,038)	\$ (3,902,275)	\$ (3,440,083)	\$ (1,915,030)	\$ (499,876)	\$ (345,868)	\$ (295,333)	\$ (290,665)	\$ (313,357)	\$ (665,808)

Gas Costs and Credits	Oct-19	Winter						Summer					
		(Forecast) Nov-19	(Forecast) Dec-19	(Forecast) Jan-20	(Forecast) Feb-20	(Forecast) Mar-20	(Forecast) Apr-20	(Forecast) May-20	(Forecast) Jun-20	(Forecast) Jul-20	(Forecast) Aug-20	(Forecast) Sep-20	(Forecast) Oct-20
Demand Costs (net of Capacity Assignment)													
Pipeline		\$ 148,071	\$ 148,071	\$ 148,071	\$ 148,071	\$ 148,071	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686	\$ 147,686
Storage		\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905	\$ 601,905
On-system Peaking		\$ 197,149	\$ 197,149	\$ 197,149	\$ 197,149	\$ 197,149	\$ 91,532	\$ 27,823	\$ 27,823	\$ 27,823	\$ 27,823	\$ 27,823	\$ 27,823
Off-System Peaking		\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734	\$ 324,734
Total Demand Costs		\$ 1,271,859	\$ 1,271,859	\$ 1,271,859	\$ 1,271,859	\$ 1,271,859	\$ 1,165,857	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148	\$ 1,102,148
Asset Management and Capacity Release													
NUI AMA Revenue		\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)	\$ (1,205,050)
NUI Capacity Release		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NUI AMA Rev & Cap. Release Subtotal		\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)
NH AMA Revenue		\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)
NH Capacity Release		\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)
NH Total Asset Management and Capacity Release		\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)	\$ (504,819)
Re-entry Rate & Conversion Rate Revenue		\$ (1,666.67)	\$ (1,666.67)	\$ (1,666.67)	\$ (1,666.67)	\$ (1,666.67)	\$ (1,666.67)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Demand Costs		\$ 765,373	\$ 765,373	\$ 765,373	\$ 765,373	\$ 765,373	\$ 659,371	\$ 597,329	\$ 597,329	\$ 597,329	\$ 597,329	\$ 597,329	\$ 597,329
NUI Commodity Costs													
NUI Total Pipeline Volumes		720,067	615,478	557,996	526,109	639,074	969,749	510,915	354,416	307,247	308,564	332,093	656,863
Pipeline Costs Modeled in Sendout™		\$ 1,797,848	\$ 1,741,179	\$ 2,015,417	\$ 1,863,362	\$ 1,792,992	\$ 2,168,195	\$ 1,104,254	\$ 765,743	\$ 669,901	\$ 672,296	\$ 702,927	\$ 1,424,889
NYMEX Price Used for Forecast		\$ 2,3240	\$ 2,4850	\$ 2,5880	\$ 2,5560	\$ 2,4730	\$ 2,2770	\$ 2,2610	\$ 2,2970	\$ 2,3360	\$ 2,3450	\$ 2,3290	\$ 2,3540
NYMEX Price Used for Update		\$ 2,5660	\$ 2,6300	\$ 2,5850	\$ 2,4820	\$ 2,3240	\$ 2,3120	\$ 2,2610	\$ 2,2970	\$ 2,3360	\$ 2,3450	\$ 2,3290	\$ 2,3540
Increase/(Decrease) NYMEX Price		\$ 0.24	\$ 0.15	\$ (0.00)	\$ (0.07)	\$ (0.15)	\$ 0.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Increase/(Decrease) in Pipeline Costs		\$ 174,256	\$ 89,244	\$ (1,674)	\$ (38,932)	\$ (95,222)	\$ 33,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Updated Pipeline Costs		\$ 1,972,104	\$ 1,830,423	\$ 2,013,743	\$ 1,824,430	\$ 1,697,770	\$ 2,202,136	\$ 1,104,254	\$ 765,743	\$ 669,901	\$ 672,296	\$ 702,927	\$ 1,424,889
New Hampshire Allocated Percentage		36.93%	38.58%	38.96%	38.53%	38.04%	35.46%	35.71%	35.57%	34.45%	34.85%	34.38%	37.04%
NH Updated Pipeline Costs		\$ 728,228	\$ 706,189	\$ 784,532	\$ 703,017	\$ 645,906	\$ 780,776	\$ 394,326	\$ 272,352	\$ 230,753	\$ 234,299	\$ 241,655	\$ 527,737
NH Peaking Volumes		83,733	195,770	303,250	184,496	110,637	1,194						
NH Peaking Costs Modeled in Sendout		\$ 695,468	\$ 1,684,145	\$ 2,004,526	\$ 1,573,556	\$ 822,748	\$ 4,855						
Change in NYMEX Price		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
Change in Peaking Costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
NH Updated Peaking Costs		\$ 695,468	\$ 1,684,145	\$ 2,004,526	\$ 1,573,556	\$ 822,748	\$ 4,855						
NH Commodity Costs													
Pipeline		\$ 728,228	\$ 706,189	\$ 784,532	\$ 703,017	\$ 645,906	\$ 780,776	\$ 394,326	\$ 272,352	\$ 230,753	\$ 234,299	\$ 241,655	\$ 527,737
Storage		\$ 275,783	\$ 610,281	\$ 754,929	\$ 754,783	\$ 635,566	\$ 333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Peaking		\$ 695,468	\$ 1,684,145	\$ 2,004,526	\$ 1,573,556	\$ 822,748	\$ 4,855	\$ 2,667	\$ 2,559	\$ 2,555	\$ 2,584	\$ 2,458	\$ 2,734
Total Commodity Costs		\$ 1,699,480	\$ 3,000,615	\$ 3,543,988	\$ 3,031,356	\$ 2,104,221	\$ 785,964	\$ 396,992	\$ 274,911	\$ 233,309	\$ 236,882	\$ 244,112	\$ 530,470
Inventory Finance Charge		\$ 325	\$ 523	\$ 659	\$ 544	\$ 463	\$ 219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Anticipated Direct Cost of Gas		\$ 2,465,178	\$ 3,766,511	\$ 4,310,020	\$ 3,797,274	\$ 2,870,057	\$ 1,445,554	\$ 994,321	\$ 872,240	\$ 830,637	\$ 834,211	\$ 841,441	\$ 1,127,799

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection

Sales Revenues				
Volumes	Winter	Summer	Prior Period	Total
Residential Heat & Non Heat				20,251,274
Sales HLF Classes				6,465,065
Sales LLF Classes				18,054,473
Total				44,770,812
Rates				
Residential Heat & Non Heat CGA				
Sales HLF Classes CGA				
Sales LLF Classes CGA				
Revenues				
Residential Heat & Non Heat				\$ (10,450,630)
Sales HLF Classes				\$ (2,445,519)
Sales LLF Classes				\$ (9,911,054)
Total Sales	\$ (20,396,296)	\$ (2,410,908)		\$ (22,807,204)
Gas Costs and Credits				
	Winter	Summer	Prior Period	Total
Demand Costs (net of Capacity Assignment)				
Pipeline	\$ 888,039	\$ 886,115		\$ 1,774,154
Storage	\$ 3,611,429	\$ 3,611,429		\$ 7,222,857
On-system Peaking	\$ 1,077,279	\$ 166,940		\$ 1,244,219
Off-System Peaking	\$ 1,948,405	\$ 1,948,405		\$ 3,896,809
Total Demand Costs	\$ 7,525,152	\$ 6,612,888		\$ 14,138,039
Asset Management and Capacity Release				
NUI AMA Revenue	\$ (7,230,300)	\$ (7,230,300)		\$ (14,460,600)
NUI Capacity Release				\$ -
NUI AMA Rev. & Cap. Release Subtotal				\$ -
NH AMA Revenue	\$ (3,028,914)	\$ (3,028,914)		\$ (6,057,829)
NH Capacity Release				\$ -
NH Total Asset Management and Capacity Release	\$ (3,028,914)	\$ (3,028,914)		\$ (6,057,829)
Re-entry Rate & Conversion Rate Revenue	\$ (10,000)	\$ -		\$ (10,000)
Net Demand Costs	\$ 4,486,237	\$ 3,583,973		\$ 8,070,211
NUI Commodity Costs				
NUI Total Pipeline Volumes				6,498,570
Pipeline Costs Modeled in Sendout™				\$ 16,719,003
NYMEX Price Used for Forecast				
NYMEX Price Used for Update				
Increase/(Decrease) NYMEX Price				
Increase/(Decrease) in Pipeline Costs				
Updated Pipeline Costs				
New Hampshire Allocated Percentage				
NH Updated Pipeline Costs				\$ 6,249,769
NH Peaking Volumes				
NH Peaking Costs Modeled in Sendout				
Change in NYMEX Price				
Change in Peaking Costs				
NH Updated Peaking Costs				
NH Commodity Costs				
Pipeline				\$ 6,249,769
Storage				\$ 3,031,676
Peaking				\$ 6,800,855
Total Commodity Costs	\$ 14,165,623	\$ 1,916,677		\$ 16,082,300
Inventory Finance Charge				\$ 2,734
Total Anticipated Direct Cost of Gas	\$ 18,654,594	\$ 5,500,650		\$ 24,155,244

Updated End of Period Balance ("Target Balance")
(\$3,553,724)
Line 92 - April

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

	Oct-19	Winter						Summer					
		(Forecast) Nov-19	(Forecast) Dec-19	(Forecast) Jan-20	(Forecast) Feb-20	(Forecast) Mar-20	(Forecast) Apr-20	(Forecast) May-20	(Forecast) Jun-20	(Forecast) Jul-20	(Forecast) Aug-20	(Forecast) Sep-20	(Forecast) Oct-20
Working Capital													
Total Anticipated Direct Cost of Gas		\$ 2,465,178	\$ 3,766,511	\$ 4,310,020	\$ 3,797,274	\$ 2,870,057	\$ 1,445,554	\$ 994,321	\$ 872,240	\$ 830,637	\$ 834,211	\$ 841,441	\$ 1,127,799
Working Capital Percentage		0.2880%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%
Working Capital Allowance		\$ 7,099	\$ 10,846	\$ 12,411	\$ 10,935	\$ 8,265	\$ 4,163	\$ 2,863	\$ 2,512	\$ 2,392	\$ 2,402	\$ 2,423	\$ 3,248
Beginning Period Working Capital Balance		\$ (47,184)	\$ (40,276)	\$ (29,583)	\$ (17,274)	\$ (6,391)	\$ 1,864	\$ 6,044	\$ 8,940	\$ 11,496	\$ 13,943	\$ 16,412	\$ 18,912
End of Period Working Capital Allowance		\$ (40,085)	\$ (29,430)	\$ (17,171)	\$ (6,339)	\$ 1,874	\$ 6,026	\$ 8,907	\$ 11,451	\$ 13,888	\$ 16,346	\$ 18,835	\$ 22,160
Interest		\$ (191)	\$ (152)	\$ (102)	\$ (52)	\$ (10)	\$ 17	\$ 33	\$ 45	\$ 56	\$ 66	\$ 77	\$ 90
End of period with Interest	\$ (47,184)	\$ (40,276)	\$ (29,583)	\$ (17,274)	\$ (6,391)	\$ 1,864	\$ 6,044	\$ 8,940	\$ 11,496	\$ 13,943	\$ 16,412	\$ 18,912	\$ 22,249
Bad Debt													
Projected Bad Debt	\$ -	\$ 16,838	\$ 8,419	\$ -	\$ -	\$ -	\$ -	\$ 8,419	\$ 20,000	\$ 25,257	\$ 25,000	\$ 25,257	\$ 25,257
Beginning Period Bad Debt Balance		\$ 32,931	\$ 49,950	\$ 58,606	\$ 58,862	\$ 59,120	\$ 59,378	\$ 59,638	\$ 68,337	\$ 88,679	\$ 114,379	\$ 139,934	\$ 165,859
End of Period Bad Debt Balance		\$ 49,769	\$ 58,369	\$ 58,606	\$ 58,862	\$ 59,120	\$ 59,378	\$ 68,057	\$ 88,337	\$ 113,936	\$ 139,379	\$ 165,191	\$ 191,115
Interest		\$ 181	\$ 237	\$ 256	\$ 258	\$ 259	\$ 260	\$ 279	\$ 343	\$ 443	\$ 555	\$ 667	\$ 781
End of Period Bad Debt Balance with Interest	\$ 32,931	\$ 49,950	\$ 58,606	\$ 58,862	\$ 59,120	\$ 59,378	\$ 59,638	\$ 68,337	\$ 88,679	\$ 114,379	\$ 139,934	\$ 165,859	\$ 191,896
Local Production and Storage Capacity		\$ 79,351	\$ 79,351	\$ 79,351	\$ 79,351	\$ 79,351	\$ 79,351	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous Overhead		\$ 77,924	\$ 77,924	\$ 77,924	\$ 77,924	\$ 77,924	\$ 77,924	\$ 18,818	\$ 18,818	\$ 18,818	\$ 18,818	\$ 18,818	\$ 18,818
Gas Cost Other than Bad Debt and Working Capital Over/Under Collection													
Beginning Balance Over/Under Collection		\$ (2,743,747)	\$ (2,816,011)	\$ (2,716,588)	\$ (2,905,603)	\$ (2,865,927)	\$ (3,292,119)	\$ (3,619,406)	\$ (3,120,855)	\$ (2,588,125)	\$ (2,039,436)	\$ (1,489,443)	\$ (947,860)
Net Costs - Revenues		\$ (60,129)	\$ 111,499	\$ (176,743)	\$ 52,274	\$ (412,750)	\$ (312,201)	\$ 513,263	\$ 545,190	\$ 558,790	\$ 557,696	\$ 546,903	\$ 480,810
Ending Balance before Interest		\$ (2,803,876)	\$ (2,704,512)	\$ (2,893,331)	\$ (2,853,329)	\$ (3,278,677)	\$ (3,604,320)	\$ (3,106,142)	\$ (2,575,664)	\$ (2,029,335)	\$ (1,481,740)	\$ (942,540)	\$ (467,050)
Average Balance		\$ (2,773,811)	\$ (2,760,262)	\$ (2,804,960)	\$ (2,879,466)	\$ (3,072,302)	\$ (3,448,219)	\$ (3,362,774)	\$ (2,848,259)	\$ (2,308,730)	\$ (1,760,588)	\$ (1,215,991)	\$ (707,455)
Interest Rate		5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Interest Expense		\$ (12,135)	\$ (12,076)	\$ (12,272)	\$ (12,598)	\$ (13,441)	\$ (15,086)	\$ (14,712)	\$ (12,461)	\$ (10,101)	\$ (7,703)	\$ (5,320)	\$ (3,095)
Ending Balance Incl Interest Expense	\$ (2,743,747)	\$ (2,816,011)	\$ (2,716,588)	\$ (2,905,603)	\$ (2,865,927)	\$ (3,292,119)	\$ (3,619,406)	\$ (3,120,855)	\$ (2,588,125)	\$ (2,039,436)	\$ (1,489,443)	\$ (947,860)	\$ (470,145)
Total Over/Under Collection Ending Balance	\$ (2,757,999)	\$ (2,806,337)	\$ (2,687,565)	\$ (2,864,014)	\$ (2,813,198)	\$ (3,230,876)	\$ (3,553,724)	\$ (3,043,578)	\$ (2,487,950)	\$ (1,911,113)	\$ (1,333,096)	\$ (763,089)	\$ (256,000)
Total Indirect Cost of Gas	\$ (2,757,999)	\$ 169,066	\$ 164,548	\$ 157,569	\$ 155,818	\$ 152,347	\$ 146,629	\$ 15,700	\$ 29,256	\$ 36,865	\$ 39,139	\$ 41,923	\$ 45,098
Total Cost of Gas	\$ (2,757,999)	\$ 2,634,245	\$ 3,931,060	\$ 4,467,588	\$ 3,953,092	\$ 3,022,404	\$ 1,592,183	\$ 1,010,022	\$ 901,496	\$ 867,502	\$ 873,350	\$ 883,364	\$ 1,172,897
Total Interest	\$ -	\$ (12,145)	\$ (11,992)	\$ (12,118)	\$ (12,392)	\$ (13,193)	\$ (14,809)	\$ (14,400)	\$ (12,074)	\$ (9,602)	\$ (7,081)	\$ (4,575)	\$ (2,224)

Northern Utilities
NEW HAMPSHIRE (Over) / Undercollection

	Winter	Summer	Prior Period	Total
Working Capital				
Total Anticipated Direct Cost of Gas				\$ 24,155,244
Working Capital Percentage				
Working Capital Allowance	\$ 53,718	\$ 15,840	\$ (47,184)	\$ 22,373
Beginning Period Working Capital Balance				
End of Period Working Capital Allowance				
Interest	\$ (490)	\$ 366		\$ (124)
End of period with Interest				
Bad Debt				
Projected Bad Debt	\$ 25,257	\$ 129,189	\$ 32,931	\$ 187,377
Beginning Period Bad Debt Balance				
End of Period Bad Debt Balance				
Interest	\$ 1,450	\$ 3,069		\$ 4,519
End of Period Bad Debt Balance with Interest				
Local Production and Storage Capacity				\$ 476,106
				\$ -
Miscellaneous Overhead				\$ 580,455
Gas Cost Other than Bad Debt and Working Capital				
Beginning Balance Over/Under Collection				\$ (31,145,119)
Net Costs - Revenues				\$ 2,404,601
Ending Balance before Interest				\$ (28,740,518)
Average Balance				\$ (29,942,818)
Interest Rate				
Interest Expense				\$ (131,000)
Ending Balance Incl Interest Expense			\$ (2,743,747)	
Total Over/Under Collection Ending Balance				
Total Indirect Cost of Gas	\$ 945,978	\$ 207,982	\$ (2,757,999)	\$ (1,604,040)
Total Cost of Gas	\$ 19,600,572	\$ 5,708,632	\$ (2,757,999)	\$ 22,551,204
Total Interest	\$ (76,648)	\$ (49,957)		\$ (126,605)