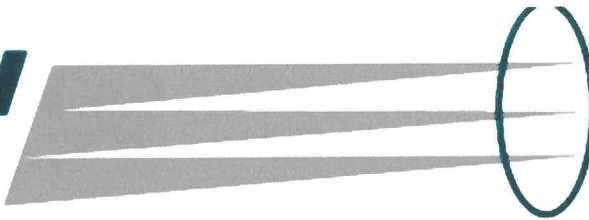


Concord Steam



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Steam and Power Generation

April 25, 2017

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



Re: April 2017 monthly cost of energy over/under report (DG 16-811)

Dear Ms. Howland,

Enclosed is the April 2017 over/under report. This report is hereby filed to reflect the actual fuel costs from November 2016 through March 2017 and the projected costs from April and May 2017.

The report with the current COE rate reflects an over collection estimate of \$131,232. The estimated over-collection is approximately 5.5% of the total revenue. The March 2017 rate is \$24.13 in accordance with the 70th revised tariff page 11 filed with the March 2017 report and the April and May rate will remain \$24.13. If there are any questions please call me.

Yours Truly,



Mark E. Saltsman,
Vice President

Concord Steam Corporation
 Cost of Energy (COE) DG 16-811
 2016-17
 Summary

		Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
Revenue:	Projected/Actual	\$ 277,149	\$ 508,440	\$ 592,168	\$ 474,808	\$ 382,494	\$ 183,267	\$ 64,306
Cost of Energy:	Projected/Actual	\$ 244,179	\$ 349,663	\$ 373,598	\$ 315,596	\$ 340,684	\$ 348,577	\$ 209,681
Monthly Over/(Under) Collection:								
Beginning Balance		\$ (122,086)	\$ (89,115)	\$ 69,661	\$ 288,231	\$ 447,443	\$ 489,253	\$ 323,943
Current Month		\$ 32,971	\$ 158,777	\$ 218,569	\$ 159,212	\$ 41,810	\$ (165,310)	\$ (145,374)
Ending Balance		\$ (89,115)	\$ 69,661	\$ 288,231	\$ 447,443	\$ 489,253	\$ 323,943	\$ 178,568
*Adjusted Annual Purchased fuel costs:		\$ 2,385,481	\$ 2,377,031	\$ 2,297,755	\$ 2,184,072	\$ 2,181,978	\$ 2,181,978	\$ 2,181,978
*Adjusted Annual Revenue requirement:		\$ 2,554,903	\$ 2,546,453	\$ 2,467,177	\$ 2,353,494	\$ 2,351,400	\$ 2,351,400	\$ 2,351,400
*Adjusted Annual Revenue stream:		\$ 2,399,748	\$ 2,439,373	\$ 2,444,749	\$ 2,434,146	\$ 2,482,633	\$ 2,482,633	\$ 2,482,633
Projection of Year-End Over/(under) Collection:		\$ (155,155)	\$ (107,080)	\$ (22,428)	\$ 80,653	\$ 131,232	\$ 131,232	\$ 131,232

Current COE Year-End Projection:

Purchased fuel costs:	\$ 2,181,978
2015-16 Over/(Under) Collection:	\$ (122,086) (2015-16 final reconciliation report)
Gas Contract Liquidation	\$ 47,336
Revenue requirement:	\$ 2,351,400
Revenue stream:	\$ 2,482,633
Over/(under) collection:	\$ 131,232

*Adjusted costs, revenues and requirements (lines A19 - A21) are representing the annual projection of each line item adjusted for the current and previous months actual fuel costs and revenues

Concord Steam Corporation
 Cost of Energy (COE) DG 16-811
 2016-17
 Revenue Summary

	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Actual Mlbs. Sold	11,660	18,075	21,051	16,879	15,851	-	-	-
Actual Rate Per Mlb.	\$ 23.77	\$ 28.13	\$ 28.13	\$ 28.13	\$ 24.13	\$ -	\$ -	\$ -
Actual Extended Revenues	\$ 277,149	\$ 508,440	\$ 592,168	\$ 474,808	\$ 382,494	\$ -	\$ -	\$ -

Projected Mlbs. and Revenues:

	Projected Mlbs.	Rate per Mlb.	Projected Revenue \$
Nov-16	8,944	\$ 23.77	\$ 212,599
Dec-16	16,666	\$ 28.13	\$ 468,815
Jan-17	20,860	\$ 28.13	\$ 586,792
Feb-17	17,256	\$ 28.13	\$ 485,411
Mar-17	13,842	\$ 24.13	\$ 334,007
Apr-17	7,595	\$ 24.13	\$ 183,267
May-17	2,665	\$ 24.13	\$ 64,306
Total	87,828	\$ 25.79	\$ 2,335,198

Projected/Adjusted Mlbs. and Projected/Adjusted Revenues:

	Adjusted Mlbs.	Rate per Mlb.	Adjusted Revenue \$
Nov-16	11,660	\$ 23.77	\$ 277,149
Dec-16	18,075	\$ 28.13	\$ 508,440
Jan-17	21,051	\$ 28.13	\$ 592,168
Feb-17	16,879	\$ 28.13	\$ 474,808
Mar-17	15,851	\$ 24.13	\$ 382,494
Apr-17	7,595	\$ 24.13	\$ 183,267
May-17	2,665	\$ 24.13	\$ 64,306
Total	93,776	\$ 25.79	\$ 2,482,633

*

Concord Steam Corporation
 Cost of Energy (COE) DG 16-811
 2016-17
 Purchased Fuel Costs

	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
Cost of Energy	\$ 244,179	\$ 349,663	\$ 373,598	\$ 315,596	\$ 340,684	\$ -	\$ -

Actual MMBtu's and Cost:

	Actual MMBtu's				Actual Fuel Costs				Projected/Actual Costs (Fuel & OPC*)				
	Nat. Gas	Add NG	Wood	Total	Nat. Gas	Add NG	Wood	Total	Nat. Gas	Add NG	Wood	OPC*	Total
Nov-16	16,676	-	22,224	38,900	\$ 121,092	\$ -	\$ 101,054	\$ 222,146	\$ 121,092	\$ -	\$ 101,054	\$ 22,032	\$ 244,179
Dec-16	17,304	-	44,034	61,338	\$ 144,766	\$ -	\$ 171,626	\$ 316,392	\$ 144,766	\$ -	\$ 171,626	\$ 33,271	\$ 349,663
Jan-17	23,886	-	39,438	63,324	\$ 187,668	\$ -	\$ 154,875	\$ 342,543	\$ 187,668	\$ -	\$ 154,875	\$ 31,055	\$ 373,598
Feb-17	19,507	-	34,998	54,505	\$ 151,648	\$ -	\$ 133,604	\$ 285,251	\$ 151,648	\$ -	\$ 133,604	\$ 30,345	\$ 315,596
Mar-17	22,186	-	37,597	59,783	\$ 166,560	\$ -	\$ 146,947	\$ 313,507	\$ 166,560	\$ -	\$ 146,947	\$ 27,177	\$ 340,684
Apr-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 67,738	\$ 145,839	\$ -	\$ 135,000	\$ 348,577
May-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 30,710	\$ 93,971	\$ -	\$ 85,000	\$ 209,681
Jun-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Jul-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Aug-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sep-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oct-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	99,559	-	178,292	277,851	\$ 771,733	\$ -	\$ 708,106	\$ 1,479,839	\$ 870,181	\$ 239,810	\$ 708,106	\$ 363,881	\$ 2,181,978

Actual mmbtu costs \$/MMBtu \$ 7.75 #DIV/0! \$ 3.97 \$ 5.33

therm therm Ton
 \$ 0.78 #DIV/0! \$ 33.76

Projected MMBtu's and Cost:

	Projected MMBtu's						Projected Costs				
	Nat. Gas	Add NG	#6 Resid	Waste+ #6	Wood	Total	Nat. Gas	Add NG	Wood	OPC*	Total
Nov-16	14,500	-	-	-	33,000	47,500	\$ 112,897	\$ -	\$ 134,358	\$ 25,000	\$ 272,255
Dec-16	16,000	-	-	-	49,500	65,500	\$ 124,576	\$ -	\$ 201,537	\$ 32,000	\$ 358,113
Jan-17	26,000	-	-	-	53,160	79,160	\$ 202,436	\$ -	\$ 216,438	\$ 34,000	\$ 452,874
Feb-17	23,500	-	-	-	51,900	75,400	\$ 182,971	\$ -	\$ 211,308	\$ 35,000	\$ 429,279
Mar-17	18,000	-	-	-	42,400	60,400	\$ 140,148	\$ -	\$ 172,630	\$ 30,000	\$ 342,778
Apr-17	8,700	24,563	-	-	-	33,263	\$ 67,738	\$ 145,839	\$ -	\$ 135,000	\$ 348,577
May-17	4,665	19,819	-	-	-	24,484	\$ 30,710	\$ 93,971	\$ -	\$ 85,000	\$ 209,681
Jun-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -
Jul-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -
Aug-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -
Sep-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -
Oct-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -
Total	111,365	44,382	0	0	229,960	385,707	\$ 861,476	\$ 239,810	\$ 936,272	\$ 376,000	\$ 2,413,558

Projected mmbtu costs \$/MMBtu \$ 7.74 \$ 3.33 4.07 \$ 6.26

therm therm Ton
 \$ 0.77 \$ 0.19 \$ 37.46

*Other Energy Related Production Costs