

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	\$ 475,596	\$ 334,007	\$ 183,267	\$ 64,306

Cost of Energy:	Projected/Actual	\$ 244,179	\$ 349,663	\$ 373,598	\$ 316,929	\$ 342,778	\$ 348,577	\$ 209,681
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Monthly Over/(Under) Collection:

Beginning Balance	\$ (122,086)	\$ (89,115)	\$ 69,661	\$ 288,231	\$ 446,898	\$ 438,128	\$ 272,818
Current Month	\$ 32,971	\$ 158,777	\$ 218,569	\$ 158,667	\$ (8,770)	\$ (165,310)	\$ (145,374)
Ending Balance	\$ (89,115)	\$ 69,661	\$ 288,231	\$ 446,898	\$ 438,128	\$ 272,818	\$ 127,444

*Adjusted Annual Purchased fuel costs: \$ 2,385,481 \$ 2,377,031 \$ 2,297,755 \$ 2,185,404 \$ 2,185,404 \$ 2,185,404 \$ 2,185,404

*Adjusted Annual Revenue requirement: \$ 2,554,903 \$ 2,546,453 \$ 2,467,177 \$ 2,354,826 \$ 2,354,826 \$ 2,354,826 \$ 2,354,826

*Adjusted Annual Revenue stream: \$ 2,399,748 \$ 2,439,373 \$ 2,444,749 \$ 2,434,934 \$ 2,434,934 \$ 2,434,934 \$ 2,434,934

Projection of Year-End

Over/(under) Collection: \$ (155,155) \$ (107,080) \$ (22,428) \$ 80,108 \$ 80,108 \$ 80,108 \$ 80,108

Current COE Year-End Projection:

Purchased fuel costs: \$ 2,185,404

2015-16 Over/(Under) Collection: \$ (122,086) (2015-16 final reconciliation report)

Gas Contract Liquidation \$ 47,336

Revenue requirement: \$ 2,354,826

Revenue stream: \$ 2,434,934

Over/(under) collection: \$ 80,108

*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

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 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	16,907	-	-	-	-
Actual Rate Per Mlb.	\$ 23.77	\$ 28.13	\$ 28.13	\$ 28.13	\$ -	\$ -	\$ -	\$ -
Actual Extended Revenues	\$ 277,149	\$ 508,440	\$ 592,168	\$ 475,596	\$ -	\$ -	\$ -	\$ -

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	16,907	\$ 28.13	\$ 475,596
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	91,794	\$ 25.79	\$ 2,434,934

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 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	\$ 316,929	\$ -	\$ -	\$ -

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	\$ 31,677	\$ 316,929
Mar-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 140,148	\$ -	\$ 172,630	\$ 30,000	\$ 342,778
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	77,373	-	140,695	218,067	\$ 605,173	\$ -	\$ 561,159	\$ 1,166,332	\$ 843,769	\$ 239,810	\$ 733,789	\$ 368,036	\$ 2,185,404

Actual mmbtu costs \$/MMBtu \$ 7.82 #DIV/0! \$ 3.99 \$ 5.35

therm therm Ton
 \$ 0.78 #DIV/0! \$ 33.90

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