

Concord Steam Corporation
Cost of Energy (COE) DG 15-377
2015-16
Summary

	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16
Revenue:	\$ 292,506	\$ 396,345	\$ 601,898	\$ 564,516	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cost of Energy:	\$ 316,046	\$ 363,362	\$ 497,730	\$ 448,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Over/(Under) Collection:												
Beginning Balance	\$ (44,146)	\$ (11,163)	\$ 21,820	\$ 125,988	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694
Current Month	\$ 32,983	\$ 32,983	\$ 104,168	\$ 115,706	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ending Balance	\$ (11,163)	\$ 21,820	\$ 125,988	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694	\$ 241,694
*Adjusted Annual Purchased fuel costs:	\$ 3,222,126	\$ 3,182,541	\$ 3,151,346	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702	\$ 3,125,702
*Adjusted Annual Revenue requirement:	\$ 3,266,272	\$ 3,226,687	\$ 3,195,492	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848	\$ 3,169,848
*Adjusted Annual Revenue stream:	\$ 3,229,958	\$ 3,234,193	\$ 3,165,582	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065	\$ 3,086,065
Projection of Year-End												
Over/(under) Collection:	\$ (36,315)	\$ 7,506	\$ (29,910)	\$ (83,784)								
Current COE Year-End Projection:												
Purchased fuel costs:	\$ 3,125,702											
2014-15 Over/(Under) Collection:	\$ (44,146)											
PUC audit corrections	\$ -											
Revenue requirement:	\$ 3,169,848											
Revenue stream:	\$ 3,086,065											
Over/(under) collection:	\$ (83,784)											

*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-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16
Actual Mibs. Sold	11,597	15,476	23,502	19,983	-	-	-	-	-	-	-	-
Actual Rate Per Mib.	\$ 25.22	\$ 25.61	\$ 25.61	\$ 28.25	\$ 28.25	\$ 28.25	\$ 28.25	\$ 28.25	\$ 28.25	\$ 28.25	\$ 28.25	\$ 28.25
Actual Extended Revenues	\$ 292,506	\$ 396,345	\$ 601,898	\$ 564,516	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Projected Mibs. and Revenues:

	Projected Mibs.	Rate per Mib.	Projected Revenue \$
Nov-15	12,887	\$ 25.22	\$ 325,052
Dec-15	22,147	\$ 25.22	\$ 558,613
Jan-16	26,187	\$ 25.22	\$ 660,515
Feb-16	22,798	\$ 25.22	\$ 575,029
Mar-16	17,859	\$ 25.22	\$ 450,459
Apr-16	10,372	\$ 25.22	\$ 261,606
May-16	2,428	\$ 25.22	\$ 61,249
Jun-16	1,161	\$ 25.22	\$ 29,272
Jul-16	1,064	\$ 25.22	\$ 26,827
Aug-16	1,045	\$ 25.22	\$ 26,358
Sep-16	1,977	\$ 25.22	\$ 49,866
Oct-16	7,663	\$ 25.22	\$ 193,288
Total	127,586	\$ 25.22	\$ 3,218,135

Projected/Adjusted Mibs. and Projected/Adjusted Revenues:

	Adjusted Mibs.	Rate per Mib.	Adjusted Revenue \$
Nov-15	11,597	\$ 25.22	\$ 292,506
Dec-15	15,476	\$ 25.61	\$ 396,345
Jan-16	23,502	\$ 25.61	\$ 601,898
Feb-16	19,983	\$ 28.25	\$ 564,516
Mar-16	17,859	\$ 28.25	\$ 504,515
Apr-16	10,372	\$ 28.25	\$ 292,999
May-16	2,428	\$ 28.25	\$ 68,599
Jun-16	1,161	\$ 28.25	\$ 32,784
Jul-16	1,064	\$ 28.25	\$ 30,047
Aug-16	1,045	\$ 28.25	\$ 29,521
Sep-16	1,977	\$ 28.25	\$ 55,850
Oct-16	7,663	\$ 28.25	\$ 216,483
Total	114,126	\$ 27.04	\$ 3,086,065

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Purchased Fuel Costs

	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16
Cost of Energy	\$ 316,046	\$ 363,362	\$ 497,730	\$ 448,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Actual MMBtu's and Cost:

	Actual MMBtu's				Actual Fuel Costs				Projected/Actual Costs (Fuel & OPC*)				
	Nat. Gas	Waste + #6	Wood	Total	Nat. Gas	Waste + #6	Wood	Total	Nat. Gas	Waste + #6	Wood	OPC*	Total
Nov-15	14,154	-	28,093.18	42,247	\$ 170,980	\$ -	\$ 122,765	\$ 293,745	\$ 170,980	\$ -	\$ 122,765	\$ 22,301	\$ 316,046
Dec-15	16,279	-	34,718.25	50,997	\$ 191,930	\$ -	\$ 140,839	\$ 332,769	\$ 191,930	\$ -	\$ 140,839	\$ 30,593	\$ 363,362
Jan-16	23,116	-	44,331.33	67,447	\$ 286,233	\$ -	\$ 179,096	\$ 465,329	\$ 286,233	\$ -	\$ 179,096	\$ 32,401	\$ 497,730
Feb-16	21,352	-	40,116.09	61,468	\$ 252,999	\$ -	\$ 163,205	\$ 416,204	\$ 252,999	\$ -	\$ 163,205	\$ 32,605	\$ 448,810
Mar-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 151,598	\$ -	\$ 171,536	\$ 37,000	\$ 360,134
Apr-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 107,875	\$ -	\$ 114,492	\$ 29,000	\$ 251,367
May-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 53,328	\$ -	\$ 83,341	\$ 20,000	\$ 156,669
Jun-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 22,644	\$ -	\$ 69,788	\$ 12,000	\$ 104,432
Jul-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 21,649	\$ -	\$ 68,776	\$ 85,000	\$ 175,425
Aug-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 21,649	\$ -	\$ 72,863	\$ 10,000	\$ 104,512
Sep-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 36,197	\$ -	\$ 73,631	\$ 11,000	\$ 120,828
Oct-16	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 91,671	\$ -	\$ 116,717	\$ 18,000	\$ 226,389
Total	74,901	-	147,259	222,160	\$ 902,142	\$ -	\$ 605,905	\$ 1,508,047	\$ 1,408,754	\$ -	\$ 1,377,048	\$ 339,900	\$ 3,125,702
Actual mmbtu costs \$/MMBtu					\$ 12.04	#DIV/0!	\$ 4.11	\$ 6.79					
					therm	Bbl	Ton						
					\$ 1.20	#DIV/0!	\$ 34.97						

97%

Projected MMBtu's and Cost:

	Projected MMBtu's						Projected Costs						
	Nat. Gas	Waste	#6 Resid	Waste+ #6	Wood	Total	Nat. Gas	Waste Oil	#6 Resid	Waste+ #6	Wood	OPC*	Total
Nov-15	12,931	0	-	-	31,500	44,431	\$ 160,034	\$ -	\$ -	\$ -	\$ 127,438	\$ 30,000	\$ 317,473
Dec-15	13,145	0	-	-	49,500	62,645	\$ 162,687	\$ -	\$ -	\$ -	\$ 200,260	\$ 40,000	\$ 402,947
Jan-16	22,000	0	-	-	53,160	75,160	\$ 271,858	\$ -	\$ -	\$ -	\$ 215,067	\$ 42,000	\$ 528,925
Feb-16	18,000	0	-	-	51,900	69,900	\$ 222,484	\$ -	\$ -	\$ -	\$ 209,970	\$ 42,000	\$ 474,453
Mar-16	12,245	0	-	-	42,400	54,645	\$ 151,598	\$ -	\$ -	\$ -	\$ 171,536	\$ 37,000	\$ 360,134
Apr-16	8,700	0	-	-	28,300	37,000	\$ 107,875	\$ -	\$ -	\$ -	\$ 114,492	\$ 29,000	\$ 251,367
May-16	4,665	0	-	-	20,600	25,265	\$ 53,328	\$ -	\$ -	\$ -	\$ 83,341	\$ 20,000	\$ 156,669
Jun-16	1,950	0	-	-	17,250	19,200	\$ 22,644	\$ -	\$ -	\$ -	\$ 69,788	\$ 12,000	\$ 104,432
Jul-16	1,860	0	-	-	17,000	18,860	\$ 21,649	\$ -	\$ -	\$ -	\$ 68,776	\$ 85,000	\$ 175,425
Aug-16	1,860	0	-	-	18,010	19,870	\$ 21,649	\$ -	\$ -	\$ -	\$ 72,863	\$ 10,000	\$ 104,512
Sep-16	3,150	0	-	-	18,200	21,350	\$ 36,197	\$ -	\$ -	\$ -	\$ 73,631	\$ 11,000	\$ 120,828
Oct-16	8,060	0	-	-	28,850	36,910	\$ 91,671	\$ -	\$ -	\$ -	\$ 116,717	\$ 18,000	\$ 226,389
	108,566	0	0	0	376,670	485,236	\$ 1,323,675	\$ -	\$ -	\$ -	\$ 1,523,878	\$ 376,000	\$ 3,223,553
Projected mmbtu costs \$/MMBtu							\$ 12.19	\$ -	0.00	\$ -	\$ 4.10	\$ 6.64	
							therm	Bbl	Bbl		Ton		
							\$ 1.22	\$ -	\$ -	\$ -	\$ 34.85		

*Other Energy Related Production Costs