

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	\$ 399,057	\$ 313,940	\$ 129,412	\$ 35,692	\$ -	\$ -	\$ -	\$ -
Cost of Energy:	\$ 316,043	\$ 363,362	\$ 497,894	\$ 446,793	\$ 308,064	\$ 236,139	\$ 170,318	\$ 103,559	\$ -	\$ -	\$ -	\$ -
Monthly Over/(Under) Collection:												
Beginning Balance	\$ (68,591)	\$ (35,608)	\$ (2,625)	\$ 101,580	\$ 219,302	\$ 310,296	\$ 388,097	\$ 347,190	\$ 279,324	\$ 279,324	\$ 279,324	\$ 279,324
Current Month	\$ 32,983	\$ 32,983	\$ 104,205	\$ 117,722	\$ 90,994	\$ 77,801	\$ (40,906)	\$ (67,867)	\$ -	\$ -	\$ -	\$ -
Ending Balance	\$ (35,608)	\$ (2,625)	\$ 101,580	\$ 219,302	\$ 310,296	\$ 388,097	\$ 347,190	\$ 279,324	\$ 279,324	\$ 279,324	\$ 279,324	\$ 279,324
*Adjusted Annual Purchased fuel costs:	\$ 3,222,123	\$ 3,182,538	\$ 3,151,306	\$ 3,123,647	\$ 3,071,576	\$ 3,056,349	\$ 3,069,998	\$ 3,069,125	\$ 3,069,125	\$ 3,069,125	\$ 3,069,125	\$ 3,069,125
*Adjusted Annual Revenue requirement:	\$ 3,290,714	\$ 3,251,129	\$ 3,219,897	\$ 3,192,238	\$ 3,140,167	\$ 3,124,940	\$ 3,138,589	\$ 3,137,716	\$ 3,137,716	\$ 3,137,716	\$ 3,137,716	\$ 3,137,716
*Adjusted Annual Revenue stream:	\$ 3,229,958	\$ 3,234,193	\$ 3,165,582	\$ 3,086,065	\$ 2,980,607	\$ 3,001,547	\$ 3,062,360	\$ 3,065,268	\$ 3,065,268	\$ 3,065,268	\$ 3,065,268	\$ 3,065,268
Projection of Year-End Over/(under) Collection:	\$ (60,757)	\$ (16,936)	\$ (54,316)	\$ (106,173)	\$ (159,561)	\$ (123,392)	\$ (76,229)	\$ (72,448)				
Current COE Year-End Projection:												
Purchased fuel costs:	\$ 3,069,125											
2014-15 Over/(Under) Collection:	\$ (68,591)	(2014-15 November 2015 reconciliation report dated December 7, 2015)										
PUC audit corrections	\$ -											
Revenue requirement:	\$ 3,137,716											
Revenue stream:	\$ 3,065,268											
Over/(under) collection:	\$ (72,448)											

*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	14,126	11,113	4,581	1,263	-	-	-	-
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	\$ 601,888	\$ 564,516	\$ 399,057	\$ 313,940	\$ 129,412	\$ 35,692	\$ -	\$ -	\$ -	\$ -

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	\$ 3,216,135

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	\$ 601,888
Feb-16	19,983	\$ 28.25	\$ 564,516
Mar-16	14,126	\$ 28.25	\$ 399,057
Apr-16	11,113	\$ 28.25	\$ 313,940
May-16	4,581	\$ 28.25	\$ 129,412
Jun-16	1,263	\$ 28.25	\$ 35,692
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	113,390	\$ 27.03	\$ 3,065,268

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2015-16
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	\$ 316,043	\$ 363,362	\$ 497,694	\$ 446,793	\$ 308,064	\$ 236,139	\$ 170,318	\$ 103,559	\$ -	\$ -	\$ -	\$ -

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	\$ -	\$ 122,762	\$ 293,742	\$ 170,980	\$ -	\$ 122,762	\$ 22,301	\$ 316,043
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	\$ -	\$ 179,060	\$ 465,293	\$ 286,233	\$ -	\$ 179,060	\$ 32,401	\$ 497,694
Feb-16	21,352	-	40,116.09	61,468	\$ 252,999	\$ -	\$ 163,168	\$ 416,168	\$ 252,999	\$ -	\$ 163,168	\$ 30,626	\$ 446,793
Mar-16	14,089	-	29,967.18	44,056	\$ 161,352	\$ -	\$ 118,662	\$ 280,015	\$ 161,352	\$ -	\$ 118,662	\$ 28,049	\$ 308,064
Apr-16	10,429	-	23,351.37	33,780	\$ 119,438	\$ -	\$ 95,458	\$ 214,895	\$ 119,438	\$ -	\$ 95,458	\$ 21,244	\$ 236,139
May-16	7,278	-	16,653.37	23,931	\$ 77,852	\$ -	\$ 75,022	\$ 152,874	\$ 77,852	\$ -	\$ 75,022	\$ 17,444	\$ 170,318
Jun-16	2,314	-	14,529.14	16,843	\$ 23,912	\$ -	\$ 69,846	\$ 93,758	\$ 23,912	\$ -	\$ 69,846	\$ 9,801	\$ 103,559
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	109,010	-	231,760	340,770	\$ 1,284,696	\$ -	\$ 964,817	\$ 2,249,513	\$ 1,455,862	\$ -	\$ 1,296,804	\$ 316,458	\$ 3,069,125
Actual mmbtu costs \$/MMBtu					\$ 11.79	#DIV/0!	\$ 4.16	\$ 6.60					
					therm	Bbl	Ton						
					1.18	#DIV/0!	35.39						
95%													

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
Total	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	Bbl	Ton	34.85		
\$ 1.22						\$ -	\$ -	\$ -	\$ -			

*Other Energy Related Production Costs