

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	\$ 593,309	\$ 485,411	\$ 389,375	\$ 213,647	\$ 74,966
Cost of Energy:	Projected/Actual	\$ 244,179	\$ 349,663	\$ 373,599	\$ 429,279	\$ 342,778	\$ 313,577	\$ 199,681
Monthly Over/(Under) Collection:								
Beginning Balance		\$ (122,086)	\$ (89,115)	\$ 69,661	\$ 289,371	\$ 345,503	\$ 392,100	\$ 292,171
Current Month		\$ 32,971	\$ 158,777	\$ 219,709	\$ 56,132	\$ 46,598	\$ (99,930)	\$ (124,714)
Ending Balance		\$ (89,115)	\$ 69,661	\$ 289,371	\$ 345,503	\$ 392,100	\$ 292,171	\$ 167,456
*Adjusted Annual Purchased fuel costs:		\$ 2,340,481	\$ 2,332,031	\$ 2,252,756	\$ 2,252,756	\$ 2,252,756	\$ 2,252,756	\$ 2,252,756
*Adjusted Annual Revenue requirement:		\$ 2,509,903	\$ 2,501,453	\$ 2,422,178	\$ 2,422,178	\$ 2,422,178	\$ 2,422,178	\$ 2,422,178
*Adjusted Annual Revenue stream:		\$ 2,496,156	\$ 2,535,781	\$ 2,542,298	\$ 2,542,298	\$ 2,542,298	\$ 2,542,298	\$ 2,542,298
Projection of Year-End								
Over/(under) Collection:		\$ (13,747)	\$ 34,328	\$ 120,120	\$ 120,120	\$ 120,120	\$ 120,120	\$ 120,120
Current COE Year-End Projection:								
Purchased fuel costs:		\$ 2,252,756						
2015-16 Over/(Under) Collection:		\$ (122,086)	(2015-16 final reconciliation report)					
Gas Contract Liquidation		\$ 47,336						
Revenue requirement:		\$ 2,422,178						
Revenue stream:		\$ 2,542,298						
Over/(under) collection:		\$ 120,120						

*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	21,092	-	-	-	-	-
Actual Rate Per Mlb.	\$ 23.77	\$ 28.13	\$ 28.13	\$ -	\$ -	\$ -	\$ -	\$ -
Actual Extended Revenues	\$ 277,149	\$ 508,440	\$ 593,309	\$ -	\$ -	\$ -	\$ -	\$ -

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	\$ 28.13	\$ 389,375
Apr-17	7,595	\$ 28.13	\$ 213,647
May-17	2,665	\$ 28.13	\$ 74,966
Total	87,828	\$ 27.51	\$ 2,431,606

*

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	21,092	\$ 28.13	\$ 593,309
Feb-17	17,256	\$ 28.13	\$ 485,411
Mar-17	13,842	\$ 28.13	\$ 389,375
Apr-17	7,595	\$ 28.13	\$ 213,647
May-17	2,665	\$ 28.13	\$ 74,966
Total	92,184	\$ 27.51	\$ 2,542,298

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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	\$ 373,599	\$ -	\$ -	\$ -	\$ -

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	\$ 1	\$ 154,875	\$ 31,055	\$ 373,599
Feb-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 182,971	\$ -	\$ 211,308	\$ 35,000	\$ 429,279
Mar-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 140,148	\$ -	\$ 172,630	\$ 30,000	\$ 342,778
Apr-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 67,738	\$ 145,839	\$ -	\$ 100,000	\$ 313,577
May-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 30,710	\$ 93,971	\$ -	\$ 75,000	\$ 199,681
Jun-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Jul-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Aug-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sep-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oct-17	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	57,866	-	105,696	163,562	\$ 453,526	\$ -	\$ 427,555	\$ 881,081	\$ 875,093	\$ 239,811	\$ 811,494	\$ 326,359	\$ 2,252,756
Actual mmbtu costs \$/MMBtu					\$ 7.84	#DIV/0!	\$ 4.05	\$ 5.39					
					therm	therm	Ton						
					\$ 0.78	#DIV/0!	\$ 34.38						

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	\$ -	\$ 100,000	\$ 313,577	
May-17	4,665	19,819	-	-	-	24,484	\$ 30,710	\$ 93,971	\$ -	\$ 75,000	\$ 199,681	
Jun-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Jul-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Aug-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Sep-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Oct-17	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	
	111,365	44,382	0	0	229,960	385,707	\$ 861,476	\$ 239,810	\$ 936,272	\$ 331,000	\$ 2,368,558	
Projected mmbtu costs						\$/MMBtu	\$ 7.74	\$ 3.33	4.07	\$ 6.14		
							therm	therm	Ton			
							\$ 0.77	\$ 0.19	\$ 37.46			

*Other Energy Related Production Costs