

Concord Steam Corporation
Cost of Energy (COE) DG 11-209
2011-12
Summary

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Revenue:	\$ 185,770	\$ 322,907	\$ 396,566	\$ 355,648	\$ 228,306	\$ 175,814	\$ 62,106	\$ 23,517	\$ 17,991	\$ 24,511	\$ 33,682	\$ -
Cost of Energy:	\$ 238,195	\$ 288,701	\$ 325,553	\$ 286,654	\$ 240,177	\$ 188,309	\$ 127,899	\$ 89,674	\$ 90,658	\$ 86,329	\$ 103,226	\$ -
Over/(Under) Collection:												
Beginning Balance	\$ 53,911	\$ 1,486	\$ 35,693	\$ 106,706	\$ 175,701	\$ 163,829	\$ 151,334	\$ 85,542	\$ 19,385	\$ (53,283)	\$ (115,101)	\$ (184,645)
Current Month	\$ (52,425)	\$ 34,207	\$ 71,014	\$ 68,994	\$ (11,871)	\$ (12,495)	\$ (65,792)	\$ (66,158)	\$ (72,668)	\$ (61,818)	\$ (69,544)	\$ -
Ending Balance	\$ 1,486	\$ 35,693	\$ 106,706	\$ 175,701	\$ 163,829	\$ 151,334	\$ 85,542	\$ 19,385	\$ (53,283)	\$ (115,101)	\$ (184,645)	\$ (184,645)
*Adjusted Annual Purchased fuel costs:	\$ 2,197,562	\$ 2,185,241	\$ 2,193,649	\$ 2,184,734	\$ 2,136,945	\$ 2,152,722	\$ 2,157,881	\$ 2,171,950	\$ 2,186,670	\$ 2,193,834	\$ 2,214,734	
*Adjusted Annual Revenue requirement:	\$ 2,143,651	\$ 2,131,330	\$ 2,139,738	\$ 2,130,823	\$ 2,083,034	\$ 2,098,811	\$ 2,103,970	\$ 2,118,039	\$ 2,132,759	\$ 2,139,923	\$ 2,169,673	\$ -
*Adjusted Annual Revenue stream:	\$ 2,145,315	\$ 2,074,275	\$ 2,067,179	\$ 2,097,511	\$ 2,004,613	\$ 1,989,825	\$ 1,975,721	\$ 1,972,792	\$ 1,972,608	\$ 1,976,187	\$ 1,991,155	
Monthly Projection of Year-End												
Over/(under) Collection:	\$ 1,664	\$ (57,055)	\$ (72,558)	\$ (33,312)	\$ (78,421)	\$ (108,987)	\$ (128,248)	\$ (145,248)	\$ (160,151)	\$ (163,736)	\$ (178,518)	\$ -
Current COE Year-End Projection:												
Purchased fuel costs:	\$ 2,214,734											
REVISED 2011 Over/(Under) Collection:	\$ 53,911											
2011 COE PUC audit	\$ (8,850)											
Revenue requirement:	\$ 2,169,673											
Revenue stream:	\$ 1,991,155											
Over/(under) collection:	\$ (178,518)											

*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-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Actual Mlbs. Sold	11,885	18,141	23,465	21,044	12,341	9,503	3,357	1,271	972	1,325	1,821	
Actual Rate Per Mlb.	\$ 15.63	\$ 17.80	\$ 16.90	\$ 16.90	\$ 18.50	\$ 18.50	\$ 18.50	\$ 18.50	\$ 18.50	\$ 18.50	\$ 18.50	\$ 18.50
Actual Extended Revenues	\$ 185,770	\$ 322,907	\$ 396,566	\$ 355,648	\$ 228,306	\$ 175,814	\$ 62,106	\$ 23,517	\$ 17,991	\$ 24,511	\$ 33,682	\$ -

Projected Mlbs. and Revenues:

	Projected Mlbs.	Rate per Mlb.	Projected Revenue \$
Nov-11	12,939	\$ 15.63	\$ 202,244
Dec-11	22,132	\$ 17.80	\$ 393,948
Jan-12	23,885	\$ 16.90	\$ 403,662
Feb-12	23,531	\$ 16.90	\$ 397,673
Mar-12	17,362	\$ 16.90	\$ 293,425
Apr-12	10,303	\$ 16.90	\$ 174,117
May-12	4,119	\$ 16.90	\$ 69,619
Jun-12	1,430	\$ 16.90	\$ 24,159
Jul-12	982	\$ 16.90	\$ 16,603
Aug-12	1,131	\$ 16.90	\$ 19,122
Sep-12	1,012	\$ 16.90	\$ 17,095
Oct-12	8,883	\$ 16.90	\$ 150,123
Total	127,710	\$ 16.93	\$ 2,161,789

Projected/Adjusted Mlbs. and Projected/Adjusted Revenues:

	Adjusted Mlbs.	Rate per Mlb.	Adjusted Revenue \$
Nov-11	11,885	\$ 15.63	\$ 185,770
Dec-11	18,141	\$ 17.80	\$ 322,907
Jan-12	23,465	\$ 16.90	\$ 396,566
Feb-12	21,044	\$ 16.90	\$ 355,648
Mar-12	12,341	\$ 18.50	\$ 228,306
Apr-12	9,503	\$ 18.50	\$ 175,814
May-12	3,357	\$ 18.50	\$ 62,106
Jun-12	1,271	\$ 18.50	\$ 23,517
Jul-12	972	\$ 18.50	\$ 17,991
Aug-12	1,325	\$ 18.50	\$ 24,511
Sep-12	1,821	\$ 18.50	\$ 33,682
Oct-12	8,883	\$ 18.50	\$ 164,336
Total	114,010	\$ 17.46	\$ 1,991,155

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2011-12
Purchased Fuel Costs

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Cost of Energy	\$ 238,195	\$ 288,701	\$ 325,553	\$ 286,654	\$ 240,177	\$ 188,309	\$ 127,899	\$ 89,674	\$ 90,658	\$ 86,329	\$ 103,226	\$ -

Actual MMBtu's and Cost:

	Actual MMBtu's				Actual Costs				Projected/Actual Costs			
	Nat. Gas	Waste + #6	Wood	Total	Nat. Gas	Waste + #6	Wood	Total	Nat. Gas	Waste + #6	Wood	Total
Nov-11	12,140	924	29,994	43,059	\$ 103,964	\$ 14,444	\$ 119,787	\$ 238,195	\$ 103,964	\$ 14,444	\$ 119,787	\$ 238,195
Dec-11	10,581	1,382	47,283	59,245	\$ 95,462	\$ 22,988	\$ 170,251	\$ 288,701	\$ 95,462	\$ 22,988	\$ 170,251	\$ 288,701
Jan-12	9,219	1,864	55,717	66,799	\$ 87,932	\$ 31,045	\$ 206,575	\$ 325,553	\$ 87,932	\$ 31,045	\$ 206,575	\$ 325,553
Feb-12	11,099	1,103	43,439	55,641	\$ 101,546	\$ 18,301	\$ 166,807	\$ 286,654	\$ 101,546	\$ 18,301	\$ 166,807	\$ 286,654
Mar-12	9,388	1,220	34,643	45,251	\$ 87,393	\$ 20,403	\$ 132,381	\$ 240,177	\$ 87,393	\$ 20,403	\$ 132,381	\$ 240,177
Apr-12	7,442	325	29,497	37,264	\$ 60,245	\$ 5,559	\$ 122,505	\$ 188,309	\$ 60,245	\$ 5,559	\$ 122,505	\$ 188,309
May-12	5,246	18	20,701	25,966	\$ 40,056	\$ 339	\$ 87,504	\$ 127,899	\$ 40,056	\$ 339	\$ 87,504	\$ 127,899
Jun-12	1,468	153	16,683	18,304	\$ 12,927	\$ 2,542	\$ 74,205	\$ 89,674	\$ 12,927	\$ 2,542	\$ 74,205	\$ 89,674
Jul-12	1,205	104	16,196	17,505	\$ 11,057	\$ 1,728	\$ 77,872	\$ 90,658	\$ 11,057	\$ 1,728	\$ 77,872	\$ 90,658
Aug-12	1,204	505	14,290	15,999	\$ 9,859	\$ 6,405	\$ 70,065	\$ 86,329	\$ 9,859	\$ 6,405	\$ 70,065	\$ 86,329
Sep-12	856	638	18,932	20,425	\$ 9,162	\$ 7,738	\$ 86,326	\$ 103,226	\$ 9,162	\$ 7,738	\$ 86,326	\$ 103,226
Oct-12	-	-	-	-				\$ -	\$ 51,941	\$ 8,095	\$ 89,323	\$ 149,359
Total	69,846	8,237	327,375	405,458	\$ 619,604	\$ 131,494	\$ 1,314,277	\$ 2,065,375				\$ 2,214,734

Actual mmbtu costs \$/MMBtu \$ 8.87 \$ 15.96 \$ 4.01 \$ 5.09

therm Bbl Ton
\$ 0.89 \$ 97.86 \$ 34.12

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	Total
Nov-11	10,513	0	400	400	34,090	45,003	\$ 94,153	\$ -	\$ 5,397	\$ 5,397	\$ 132,973	\$ 232,523
Dec-11	10,087	200	1,300	1,500	48,454	60,041	\$ 92,596	\$ 1,889	\$ 17,540	\$ 19,429	\$ 188,998	\$ 301,023
Jan-12	10,523	500	1,900	2,400	46,765	59,688	\$ 96,575	\$ 4,722	\$ 25,635	\$ 30,357	\$ 190,212	\$ 317,144
Feb-12	11,067	100	1,100	1,200	44,710	56,977	\$ 101,487	\$ 944	\$ 14,841	\$ 15,786	\$ 178,296	\$ 295,569
Mar-12	9,453	100	1,500	1,600	46,140	57,193	\$ 86,811	\$ 944	\$ 20,238	\$ 21,183	\$ 179,973	\$ 287,966
Apr-12	5,385	100	300	400	30,302	36,087	\$ 49,345	\$ 944	\$ 4,048	\$ 4,992	\$ 118,194	\$ 172,531
May-12	5,216	0	300	300	19,495	25,011	\$ 42,651	\$ -	\$ 4,048	\$ 4,048	\$ 76,042	\$ 122,741
Jun-12	1,719	0	100	100	15,327	17,146	\$ 14,471	\$ -	\$ 1,349	\$ 1,349	\$ 59,784	\$ 75,605
Jul-12	1,500	0	100	100	15,895	17,495	\$ 12,589	\$ -	\$ 1,349	\$ 1,349	\$ 62,000	\$ 75,938
Aug-12	1,100	0	200	200	15,895	17,195	\$ 9,377	\$ -	\$ 2,698	\$ 2,698	\$ 67,090	\$ 79,165
Sep-12	1,350	0	200	200	17,046	18,596	\$ 11,367	\$ -	\$ 2,698	\$ 2,698	\$ 68,260	\$ 82,326
Oct-12	6,400	0	600	600	20,900	27,900	\$ 51,941	\$ -	\$ 8,095	\$ 8,095	\$ 89,323	\$ 149,359
	74,313	1,000	8,000	9,000	355,018	438,330	\$ 663,364	\$ 9,444	\$ 107,937	\$ 117,381	\$ 1,411,146	\$ 2,191,890

Projected mmbtu costs \$/MMBtu \$ 8.93 \$ 9.44 \$ 13.49 \$ 13.04 \$ 3.97 \$ 5.00

therm Bbl Bbl Ton
\$ 0.89 \$ 60.44 \$ 86.35 \$ 79.95 \$ 33.79