

Concord Steam Corporation  
 Cost of Energy (COE) DG 14-233  
 2014-15  
 Summary

	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
<b>Revenue:</b>	\$ 328,803	\$ 516,250	\$ 716,440	\$ 756,400	\$ 498,484	\$ 299,732	\$ 53,844	\$ 32,234	\$ 27,777	\$ 25,731	\$ 24,501	\$ 189,426
<b>Cost of Energy:</b>	\$ 345,133	\$ 410,281	\$ 604,306	\$ 589,293	\$ 416,121	\$ 369,667	\$ 151,629	\$ 111,152	\$ 92,323	\$ 104,815	\$ 115,698	\$ 275,714
<b>Monthly Over/(Under) Collection:</b>												
Beginning Balance	\$ (145,076)	\$ (161,406)	\$ (55,437)	\$ 56,697	\$ 223,804	\$ 306,167	\$ 236,232	\$ 138,446	\$ 59,528	\$ (5,019)	\$ (84,103)	\$ (175,300)
Current Month	\$ (16,330)	\$ 105,969	\$ 112,134	\$ 167,107	\$ 82,363	\$ (69,935)	\$ (97,785)	\$ (78,918)	\$ (64,547)	\$ (79,085)	\$ (91,197)	\$ (86,288)
Ending Balance	\$ (161,406)	\$ (55,437)	\$ 56,697	\$ 223,804	\$ 306,167	\$ 236,232	\$ 138,446	\$ 59,528	\$ (5,019)	\$ (84,103)	\$ (175,300)	\$ (261,588)
*Adjusted Annual Purchased fuel costs:	\$ 3,272,886	\$ 3,274,208	\$ 3,419,139	\$ 3,571,302	\$ 3,605,699	\$ 3,704,480	\$ 3,682,820	\$ 3,675,864	\$ 3,594,576	\$ 3,589,935	\$ 3,581,048	\$ 3,586,133
*Adjusted Annual Revenue requirement:	\$ 3,417,962	\$ 3,419,284	\$ 3,564,215	\$ 3,716,378	\$ 3,750,775	\$ 3,849,556	\$ 3,827,896	\$ 3,820,940	\$ 3,739,652	\$ 3,735,011	\$ 3,726,124	\$ 3,731,209
<b>*Adjusted Annual Revenue stream:</b>	\$ 3,352,565	\$ 3,342,586	\$ 3,401,486	\$ 3,598,700	\$ 3,602,111	\$ 3,620,252	\$ 3,539,075	\$ 3,533,326	\$ 3,533,477	\$ 3,529,610	\$ 3,497,552	\$ 3,469,622
Projection of Year-End <b>Over/(under) Collection:</b>	\$ (65,397)	\$ (76,697)	\$ (162,730)	\$ (117,678)	\$ (148,664)	\$ (229,304)	\$ (288,821)	\$ (287,614)	\$ (206,175)	\$ (205,401)	\$ (228,571)	\$ (261,588)
<b>Current COE Year-End Projection:</b>												
Purchased fuel costs:	\$ 3,586,133											
<b>2013-14 Over/(Under) Collection:</b>	\$ (145,076)											
<b>PUC audit corrections</b>	\$ -											
Revenue requirement:	\$ 3,731,209											
<b>Revenue stream:</b>	\$ 3,469,622											
<b>Insurance Adjustment</b>	\$ 217,441											
Over/(under) collection:	\$ (44,146)											

\*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-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Actual Mibs. Sold	13,100	20,568	28,543	30,135	19,099	11,484	2,063	1,235	1,064	986	939	7,258
Actual Rate Per Mib.	\$ 25.10	\$ 25.10	\$ 25.10	\$ 25.10	\$ 26.10	\$ 26.10	\$ 26.10	\$ 26.10	\$ 26.10	\$ 26.10	\$ 26.10	\$ 26.10
Actual Extended Revenues	\$ 328,803	\$ 516,250	\$ 716,440	\$ 756,400	\$ 498,484	\$ 299,732	\$ 53,844	\$ 32,234	\$ 27,777	\$ 25,731	\$ 24,501	\$ 189,426

Projected Mibs. and Revenues:

	Projected Mibs.	Rate per Mib.	Projected Revenue \$
Nov-14	14,413	\$ 25.10	\$ 361,770
Dec-14	20,965	\$ 25.10	\$ 526,228
Jan-15	28,152	\$ 25.10	\$ 706,614
Feb-15	22,278	\$ 25.10	\$ 559,185
Mar-15	19,036	\$ 25.10	\$ 477,813
Apr-15	10,912	\$ 25.10	\$ 273,895
May-15	4,956	\$ 25.10	\$ 124,402
Jun-15	1,407	\$ 25.10	\$ 35,323
Jul-15	1,132	\$ 25.10	\$ 28,416
Aug-15	1,134	\$ 25.10	\$ 28,463
Sep-15	2,167	\$ 25.10	\$ 54,392
Oct-15	8,328	\$ 25.10	\$ 209,029
Total	134,882	\$ 25.10	\$ 3,385,532

Projected/Adjusted Mibs. and Projected/Adjusted Revenues:

	Adjusted Mibs.	Rate per Mib.	Adjusted Revenue \$
Nov-14	13,100	\$ 25.10	\$ 328,803
Dec-14	20,568	\$ 25.10	\$ 516,250
Jan-15	28,543	\$ 25.10	\$ 716,440
Feb-15	30,135	\$ 25.10	\$ 756,400
Mar-15	19,099	\$ 26.10	\$ 498,484
Apr-15	11,484	\$ 26.10	\$ 299,732
May-15	2,063	\$ 26.10	\$ 53,844
Jun-15	1,235	\$ 26.10	\$ 32,234
Jul-15	1,064	\$ 26.10	\$ 27,777
Aug-15	986	\$ 26.10	\$ 25,731
Sep-15	939	\$ 26.10	\$ 24,501
Oct-15	7,258	\$ 26.10	\$ 189,426
Total	136,474	\$ 25.42	\$ 3,469,622

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 Purchased Fuel Costs

	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Cost of Energy	\$ 345,133	\$ 410,281	\$ 604,306	\$ 589,293	\$ 416,121	\$ 369,667	\$ 151,629	\$ 111,152	\$ 92,323	\$ 104,815	\$ 115,698	\$ 275,714

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-14	12,931	-	32,822	45,753	\$ 184,847	\$ -	\$ 133,433	\$ 318,279	\$ 184,847	\$ -	\$ 133,433	\$ 26,854	\$ 345,133
Dec-14	13,145	-	50,500	63,644	\$ 186,117	\$ -	\$ 188,588	\$ 374,706	\$ 186,117	\$ -	\$ 188,588	\$ 35,575	\$ 410,281
Jan-15	32,716	-	29,471	62,187	\$ 441,923	\$ -	\$ 123,040	\$ 564,963	\$ 441,923	\$ -	\$ 123,040	\$ 39,343	\$ 604,306
Feb-15	20,731	-	55,554	76,285	\$ 346,281	\$ -	\$ 206,343	\$ 552,624	\$ 346,281	\$ -	\$ 206,343	\$ 36,669	\$ 589,293
Mar-15	12,938	-	54,737	67,675	\$ 189,924	\$ -	\$ 191,812	\$ 381,736	\$ 189,924	\$ -	\$ 191,812	\$ 34,385	\$ 416,121
Apr-15	9,935	-	36,723	46,658	\$ 137,022	\$ -	\$ 135,999	\$ 273,020	\$ 137,022	\$ -	\$ 135,999	\$ 96,647	\$ 369,667
May-15	4,648	-	16,539	21,188	\$ 69,693	\$ -	\$ 67,886	\$ 137,579	\$ 69,693	\$ -	\$ 67,886	\$ 14,051	\$ 151,629
Jun-15	6,840	-	8,656	15,495	\$ 51,321	\$ -	\$ 50,081	\$ 101,402	\$ 51,321	\$ -	\$ 50,081	\$ 9,750	\$ 111,152
Jul-15	10,451	-	1,783	12,234	\$ 54,085	\$ -	\$ 26,627	\$ 80,712	\$ 54,085	\$ -	\$ 26,627	\$ 11,611	\$ 92,323
Aug-15	7,154	-	8,304	15,458	\$ 46,616	\$ -	\$ 50,689	\$ 97,305	\$ 46,616	\$ -	\$ 50,689	\$ 7,510	\$ 104,815
Sep-15	2,871	-	12,058	14,929	\$ 40,774	\$ -	\$ 65,004	\$ 105,777	\$ 40,774	\$ -	\$ 65,004	\$ 9,920	\$ 115,698
Oct-15	8,721	-	28,571	37,293	\$ 133,524	\$ -	\$ 122,441	\$ 255,964	\$ 133,524	\$ -	\$ 122,441	\$ 19,749	\$ 275,714
Total	143,080	-	335,718	478,798	\$ 1,882,125	\$ -	\$ 1,361,942	\$ 3,244,067	\$ 1,882,125	\$ -	\$ 1,361,942	\$ 342,066	\$ 3,586,133

Actual mmbtu costs \$/MMBtu \$ 13.15 #DIV/0! \$ 4.06 \$ 6.78

therm Bbl Ton  
 \$ 1.32 #DIV/0! \$ 34.48

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-14	12,066	0	-	-	31,500	43,566	\$ 176,731	\$ -	\$ -	\$ -	\$ 129,150	\$ 30,000	\$ 335,881
Dec-14	11,334	0	-	-	49,500	60,834	\$ 166,009	\$ -	\$ -	\$ -	\$ 202,950	\$ 40,000	\$ 408,959
Jan-15	13,615	0	-	-	53,160	66,775	\$ 199,419	\$ -	\$ -	\$ -	\$ 217,956	\$ 42,000	\$ 459,375
Feb-15	12,449	0	-	-	51,900	64,349	\$ 182,341	\$ -	\$ -	\$ -	\$ 212,790	\$ 42,000	\$ 437,131
Mar-15	11,664	0	-	-	42,410	54,074	\$ 170,843	\$ -	\$ -	\$ -	\$ 173,881	\$ 37,000	\$ 381,724
Apr-15	8,598	0	-	-	28,281	36,879	\$ 125,935	\$ -	\$ -	\$ -	\$ 115,952	\$ 29,000	\$ 270,887
May-15	5,155	0	-	-	20,600	25,755	\$ 68,830	\$ -	\$ -	\$ -	\$ 84,460	\$ 20,000	\$ 173,290
Jun-15	2,650	0	-	-	17,250	19,900	\$ 35,383	\$ -	\$ -	\$ -	\$ 70,725	\$ 12,000	\$ 118,108
Jul-15	1,357	0	-	-	17,000	18,357	\$ 18,911	\$ -	\$ -	\$ -	\$ 69,700	\$ 85,000	\$ 173,611
Aug-15	1,838	0	-	-	18,010	19,848	\$ 25,614	\$ -	\$ -	\$ -	\$ 73,842	\$ 10,000	\$ 109,456
Sep-15	2,796	0	-	-	18,200	20,996	\$ 38,965	\$ -	\$ -	\$ -	\$ 74,620	\$ 11,000	\$ 124,585
Oct-15	9,640	0	-	-	28,850	38,490	\$ 134,343	\$ -	\$ -	\$ -	\$ 118,285	\$ 18,000	\$ 270,628
	93,162	0	0	0	376,661	469,823	\$ 1,343,323	\$ -	\$ -	\$ -	\$ 1,544,311	\$ 376,000	\$ 3,263,634

Projected mmbtu costs \$/MMBtu \$ 14.42 \$ - 0.00 \$ - \$ 4.10 \$ 6.95

therm Bbl Bbl Ton  
 \$ 1.44 \$ - \$ - \$ 34.85

\*Other Energy Related Production Costs