

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
Revenue:	\$ 328,803	\$ 516,250	\$ 716,440	\$ 756,400	\$ 500,261	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cost of Energy:	\$ 343,179	\$ 410,281	\$ 603,618	\$ 589,293	\$ 417,233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Over/(Under) Collection:												
Beginning Balance	\$ (145,076)	\$ (159,452)	\$ (53,483)	\$ 59,340	\$ 226,446	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474
Current Month	\$ (14,376)	\$ 105,969	\$ 112,822	\$ 167,107	\$ 83,028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ending Balance	\$ (159,452)	\$ (53,483)	\$ 59,340	\$ 226,446	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474	\$ 309,474
*Adjusted Annual Purchased fuel costs:	\$3,261,804	\$3,263,125	\$3,407,368	\$3,559,531	\$3,595,040	\$3,595,040	\$3,595,040	\$3,595,040	\$3,595,040	\$3,595,040	\$3,595,040	\$3,595,040
*Adjusted Annual Revenue requirement:	\$3,406,880	\$3,408,201	\$3,552,444	\$3,704,607	\$3,740,116	\$3,740,116	\$3,740,116	\$3,740,116	\$3,740,116	\$3,740,116	\$3,740,116	\$3,740,116
*Adjusted Annual Revenue stream:	\$3,352,565	\$3,342,586	\$3,401,486	\$3,598,700	\$3,602,111	\$3,602,111	\$3,602,111	\$3,602,111	\$3,602,111	\$3,602,111	\$3,602,111	\$3,602,111
Projection of Year-End												
Over/(under) Collection:	\$ (54,315)	\$ (65,615)	\$ (150,959)	\$ (105,907)	\$ (138,005)	\$ (138,005)	\$ (138,005)	\$ (138,005)	\$ (138,005)	\$ (138,005)	\$ (138,005)	\$ (138,005)
Current COE Year-End Projection:												
Purchased fuel costs:	\$3,595,040											
2013-14 Over/(Under) Collection:	\$ (145,076)	(2013-14 final reconciliation report dated February 27, 2015)										
PUC audit corrections	\$ -											
Revenue requirement:	\$3,740,116											
Revenue stream:	\$3,602,111											
Over/(under) collection:	\$ (138,005)											

*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 Mlbs. Sold	13,100	20,568	28,543	30,135	19,167	-	-	-	-	-	-	-
Actual Rate Per Mlb.	\$ 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	\$ 500,261	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Projected Mlbs. and Revenues:

	Projected Mlbs.	Rate per Mlb.	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 Mlbs. and Projected/Adjusted Revenues:

	Adjusted Mlbs.	Rate per Mlb.	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	19,167	\$ 26.10	\$ 500,261
Apr-15	10,912	\$ 26.10	\$ 284,807
May-15	4,956	\$ 26.10	\$ 129,358
Jun-15	1,407	\$ 26.10	\$ 36,730
Jul-15	1,132	\$ 26.10	\$ 29,548
Aug-15	1,134	\$ 26.10	\$ 29,597
Sep-15	2,167	\$ 26.10	\$ 56,559
Oct-15	8,328	\$ 26.10	\$ 217,357
Total	141,550	\$ 25.45	\$ 3,602,111

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2014-15
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	\$ 343,179	\$ 410,281	\$ 603,618	\$ 589,293	\$ 417,233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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	\$ 24,900	\$ 343,179
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	\$ -	\$ 122,351	\$ 564,275	\$ 441,923	\$ -	\$ 122,351	\$ 39,343	\$ 603,618
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	\$ 35,497	\$ 417,233
Apr-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 125,935	\$ -	\$ 115,952	\$ 29,000	\$ 270,887
May-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 68,830	\$ -	\$ 84,460	\$ 20,000	\$ 173,290
Jun-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 35,383	\$ -	\$ 70,725	\$ 12,000	\$ 118,108
Jul-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 18,119	\$ -	\$ 69,700	\$ 85,000	\$ 172,819
Aug-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 24,541	\$ -	\$ 73,842	\$ 10,000	\$ 108,383
Sep-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 37,332	\$ -	\$ 74,620	\$ 11,000	\$ 122,952
Oct-15	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 128,713	\$ -	\$ 118,285	\$ 18,000	\$ 264,998
Total	92,461	-	223,084	315,544	\$ 1,349,092	\$ -	\$ 842,527	\$ 2,191,619	\$ 1,787,944	\$ -	\$ 1,450,111	\$ 356,985	\$ 3,595,040

Actual costs \$/MMBtu

\$ 14.59 #DIV/0! \$ 3.78 \$ 6.95

therm Bbl Ton
\$ 1.46 #DIV/0! \$ 32.10

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	44,320	\$ 176,731	\$ -	\$ -	\$ -	\$ 129,150	\$ 30,000	\$ 335,881
Dec-14	11,334	0	-	-	49,500	61,680	\$ 166,009	\$ -	\$ -	\$ -	\$ 202,950	\$ 40,000	\$ 408,959
Jan-15	13,615	0	-	-	53,160	68,250	\$ 199,419	\$ -	\$ -	\$ -	\$ 217,956	\$ 42,000	\$ 459,375
Feb-15	12,449	0	-	-	51,900	64,450	\$ 182,341	\$ -	\$ -	\$ -	\$ 212,790	\$ 42,000	\$ 437,131
Mar-15	11,664	0	-	-	42,410	55,230	\$ 170,843	\$ -	\$ -	\$ -	\$ 173,881	\$ 37,000	\$ 381,724
Apr-15	8,598	0	-	-	28,281	38,506	\$ 125,935	\$ -	\$ -	\$ -	\$ 115,952	\$ 29,000	\$ 270,887
May-15	5,155	0	-	-	20,600	25,800	\$ 68,830	\$ -	\$ -	\$ -	\$ 84,460	\$ 20,000	\$ 173,290
Jun-15	2,650	0	-	-	17,250	20,150	\$ 35,383	\$ -	\$ -	\$ -	\$ 70,725	\$ 12,000	\$ 118,108
Jul-15	1,357	0	-	-	17,000	19,000	\$ 18,119	\$ -	\$ -	\$ -	\$ 69,700	\$ 85,000	\$ 172,819
Aug-15	1,838	0	-	-	18,010	19,710	\$ 24,541	\$ -	\$ -	\$ -	\$ 73,842	\$ 10,000	\$ 108,383
Sep-15	2,796	0	-	-	18,200	19,700	\$ 37,332	\$ -	\$ -	\$ -	\$ 74,620	\$ 11,000	\$ 122,952
Oct-15	9,640	0	-	-	28,850	35,250	\$ 128,713	\$ -	\$ -	\$ -	\$ 118,285	\$ 18,000	\$ 264,998
	93,162	0	0	0	376,661	472,046	\$ 1,334,194	\$ -	\$ -	\$ -	\$ 1,544,311	\$ 376,000	\$ 3,254,505

Projected costs\$/MMBtu

\$ 14.32 \$ - 0.00 \$ - \$ 4.10 \$ 6.89

therm Bbl Bbl Ton
\$ 1.43 \$ - \$ - \$ 34.85

*Other Energy Related Production Costs