

Concord Steam Corporation
Cost of Energy (COE) DG 13-255
2013-14
Summary

	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14
Revenue:	\$ 358,523	\$ 501,883	\$ 583,184	\$ 538,858	\$ 464,641	\$ 238,212	\$ 99,880	\$ 30,721	\$ 24,714	\$ 24,763	\$ 39,752	\$ 209,714
Cost of Energy:	\$ 312,051	\$ 376,536	\$ 601,705	\$ 347,562	\$ 337,583	\$ 245,704	\$ 178,008	\$ 120,160	\$ 148,728	\$ 91,041	\$ -	\$ -
Monthly Over/(Under) Collection:												
Beginning Balance	\$ (38,425)	\$ 8,048	\$ 133,394	\$ 114,873	\$ 306,168	\$ 433,226	\$ 425,734	\$ 347,606	\$ 258,168	\$ 134,154	\$ 67,876	\$ 67,876
Current Month	\$ 46,472	\$ 125,347	\$ (18,521)	\$ 191,296	\$ 127,057	\$ (7,492)	\$ (78,128)	\$ (89,438)	\$ (124,013)	\$ (66,278)	\$ -	\$ -
Ending Balance	\$ 8,048	\$ 133,394	\$ 114,873	\$ 306,168	\$ 433,226	\$ 425,734	\$ 347,606	\$ 258,168	\$ 134,154	\$ 67,876	\$ 67,876	\$ 67,876
*Adjusted Annual Purchased fuel costs:	\$ 2,761,294	\$ 2,794,787	\$ 3,004,303	\$ 2,987,700	\$ 2,995,867	\$ 3,003,652	\$ 3,033,173	\$ 3,047,291	\$ 3,042,363	\$ 3,036,132	\$ 3,036,132	\$ 3,036,132
*Adjusted Annual Revenue requirement:	\$ 2,799,718	\$ 2,833,212	\$ 3,042,728	\$ 3,026,124	\$ 3,034,291	\$ 3,042,076	\$ 3,071,597	\$ 3,085,716	\$ 3,080,788	\$ 3,074,557	\$ 3,074,557	\$ 3,074,557
*Adjusted Annual Revenue stream:	\$ 2,854,184	\$ 2,908,205	\$ 2,898,439	\$ 2,982,621	\$ 3,089,524	\$ 3,087,898	\$ 3,110,847	\$ 3,111,888	\$ 3,115,580	\$ 3,114,845	\$ 3,114,845	\$ 3,114,845
Projection of Year-End Over/(under) Collection:	\$ 54,465	\$ 74,994	\$ (144,288)	\$ (43,504)	\$ 55,233	\$ 45,822	\$ 39,250	\$ 26,172	\$ 34,792	\$ 40,288	\$ 40,288	\$ 40,288
Current COE Year-End Projection:												
Purchased fuel costs:	\$ 3,036,132											
2012-13 Over/(Under) Collection:	\$ (38,425)	(December 25, 2013 reconciliation report)										
PUC audit corrections	\$ -											
Revenue requirement:	\$ 3,074,557											
Revenue stream:	\$ 3,114,845											
Over/(under) collection:	\$ 40,288											

*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-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14
Actual Mlbs. Sold	17,208	24,089	27,991	25,863	21,284	10,912	4,575	1,407	1,132	1,134	1,821	9,607
Actual Rate Per Mlb.	\$ 20.83	\$ 20.83	\$ 20.83	\$ 20.83	\$ 21.83	\$ 21.83	\$ 21.83	\$ 21.83	\$ 21.83	\$ 21.83	\$ 21.83	\$ 21.83
Actual Extended Revenues	\$ 358,523	\$ 501,883	\$ 583,184	\$ 538,858	\$ 464,641	\$ 238,212	\$ 99,880	\$ 30,721	\$ 24,714	\$ 24,763	\$ 39,752	\$ 209,714

Projected Mlbs. and Revenues:

	Projected Mlbs.	Rate per Mlb.	Projected Revenue \$
Nov-13	13,521	\$ 20.83	\$ 281,699
Dec-13	21,496	\$ 20.83	\$ 447,861
Jan-14	28,460	\$ 20.83	\$ 592,950
Feb-14	24,012	\$ 20.83	\$ 500,275
Mar-14	16,387	\$ 21.83	\$ 357,737
Apr-14	10,987	\$ 21.83	\$ 239,838
May-14	3,524	\$ 21.83	\$ 76,931
Jun-14	1,360	\$ 21.83	\$ 29,681
Jul-14	963	\$ 21.83	\$ 21,022
Aug-14	1,168	\$ 21.83	\$ 25,497
Sep-14	1,821	\$ 21.83	\$ 39,752
Oct-14	9,607	\$ 21.83	\$ 209,714
Total	133,304	\$ 21.18	\$ 2,822,960

Projected/Adjusted Mlbs. and Projected/Adjusted Revenues:

	Adjusted Mlbs.	Rate per Mlb.	Adjusted Revenue \$
Nov-13	17,208	\$ 20.83	\$ 358,523
Dec-13	24,089	\$ 20.83	\$ 501,883
Jan-14	27,991	\$ 20.83	\$ 583,184
Feb-14	25,863	\$ 20.83	\$ 538,858
Mar-14	21,284	\$ 21.83	\$ 464,641
Apr-14	10,912	\$ 21.83	\$ 238,212
May-14	4,575	\$ 21.83	\$ 99,880
Jun-14	1,407	\$ 21.83	\$ 30,721
Jul-14	1,132	\$ 21.83	\$ 24,714
Aug-14	1,134	\$ 21.83	\$ 24,763
Sep-14	1,821	\$ 21.83	\$ 39,752
Oct-14	9,607	\$ 21.83	\$ 209,714
Total	147,025	\$ 21.19	\$ 3,114,845

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Cost of Energy (COE) DG 13-255
2013-14
Purchased Fuel Costs

	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14
Cost of Energy	\$ 312,051	\$ 376,536	\$ 601,705	\$ 347,562	\$ 337,583	\$ 245,704	\$ 178,008	\$ 120,160	\$ 148,728	\$ 91,041	\$ -	\$ -

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-13	15,574	-	34,958	50,532	\$ 145,067	\$ -	\$ 137,788	\$ 282,855	\$ 145,067	\$ -	\$ 137,788	\$ 29,196	\$ 312,051
Dec-13	15,533	-	46,038	61,571	\$ 164,645	\$ -	\$ 173,010	\$ 337,655	\$ 164,645	\$ -	\$ 173,010	\$ 38,882	\$ 376,536
Jan-14	22,110	-	55,423	77,533	\$ 364,988	\$ -	\$ 196,959	\$ 561,948	\$ 364,988	\$ -	\$ 196,959	\$ 39,757	\$ 601,705
Feb-14	14,570	-	40,446	55,017	\$ 153,208	\$ -	\$ 154,853	\$ 308,060	\$ 153,208	\$ -	\$ 154,853	\$ 39,501	\$ 347,562
Mar-14	11,649	-	47,999	59,648	\$ 128,400	\$ -	\$ 175,675	\$ 304,075	\$ 128,400	\$ -	\$ 175,675	\$ 33,508	\$ 337,583
Apr-14	9,003	-	34,200	43,203	\$ 87,639	\$ -	\$ 131,101	\$ 218,740	\$ 87,639	\$ -	\$ 131,101	\$ 26,964	\$ 245,704
May-14	8,193	-	26,675	34,869	\$ 61,341	\$ -	\$ 98,683	\$ 160,024	\$ 61,341	\$ -	\$ 98,683	\$ 17,985	\$ 178,008
Jun-14	1,616	-	17,593	19,209	\$ 18,402	\$ -	\$ 85,267	\$ 103,669	\$ 18,402	\$ -	\$ 85,267	\$ 16,491	\$ 120,160
Jul-14	2,591	-	13,673	16,264	\$ 20,139	\$ -	\$ 60,588	\$ 80,728	\$ 20,139	\$ -	\$ 60,588	\$ 68,000	\$ 148,728
Aug-14	11,647	-	960	12,607	\$ 55,488	\$ -	\$ 25,552	\$ 81,041	\$ 55,488	\$ -	\$ 25,552	\$ 10,000	\$ 91,041
Sep-14	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 12,850	\$ -	\$ 73,529	\$ 11,000	\$ 97,378
Oct-14	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 53,121	\$ -	\$ 116,555	\$ 10,000	\$ 179,676
Total	112,487	-	317,965	430,453	\$ 1,199,317	\$ -	\$ 1,239,476	\$ 2,438,793	\$ 1,265,287	\$ -	\$ 1,429,560	\$ 341,285	\$ 3,036,132

Actual mmbtu costs \$/MMBtu \$ 10.66 #DIV/0! \$ 3.90 \$ 5.67

therm Bbl
\$ 1.07 #DIV/0! \$ 33.13

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-13	12,820	0	-	-	31,500	44,320	\$ 121,061	\$ -	\$ -	\$ -	\$ 127,261	18,000 \$ 266,322
Dec-13	12,180	0	-	-	49,500	61,680	\$ 115,061	\$ -	\$ -	\$ -	\$ 199,982	28,000 \$ 343,043
Jan-14	15,090	0	-	-	53,160	68,250	\$ 142,421	\$ -	\$ -	\$ -	\$ 214,769	35,000 \$ 392,189
Feb-14	12,550	0	-	-	51,900	64,450	\$ 118,487	\$ -	\$ -	\$ -	\$ 209,678	36,000 \$ 364,165
Mar-14	12,820	0	-	-	42,410	55,230	\$ 121,078	\$ -	\$ -	\$ -	\$ 171,338	37,000 \$ 329,416
Apr-14	10,225	0	-	-	28,281	38,506	\$ 96,663	\$ -	\$ -	\$ -	\$ 114,256	27,000 \$ 237,919
May-14	5,200	0	-	-	20,600	25,800	\$ 43,263	\$ -	\$ -	\$ -	\$ 83,225	22,000 \$ 148,487
Jun-14	2,900	0	-	-	17,250	20,150	\$ 24,351	\$ -	\$ -	\$ -	\$ 69,691	12,000 \$ 106,041
Jul-14	2,000	0	-	-	17,000	19,000	\$ 16,975	\$ -	\$ -	\$ -	\$ 68,681	68,000 \$ 153,655
Aug-14	1,700	0	-	-	18,010	19,710	\$ 14,510	\$ -	\$ -	\$ -	\$ 72,762	10,000 \$ 97,272
Sep-14	1,500	0	-	-	18,200	19,700	\$ 12,850	\$ -	\$ -	\$ -	\$ 73,529	11,000 \$ 97,378
Oct-14	6,400	0	-	-	28,850	35,250	\$ 53,121	\$ -	\$ -	\$ -	\$ 116,555	10,000 \$ 179,676
	95,385	0	0	0	376,661	472,046	\$ 879,839	\$ -	\$ -	\$ -	\$ 1,521,726	\$ 314,000 \$ 2,715,565

Projected mmbtu costs \$/MMBtu \$ 9.22 \$ - \$ - \$ 4.04 \$ 5.75

therm Bbl Bbl Ton
\$ 0.92 \$ - \$ - \$ 34.34

*Other Energy Related Production Costs