

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	\$ 498,484	\$ 299,732	\$ 53,844	\$ 32,234	\$ 27,777	\$ -	\$ -	\$ -
Cost of Energy:	\$ 345,133	\$ 410,281	\$ 603,618	\$ 589,293	\$ 416,121	\$ 369,667	\$ 179,695	\$ 111,152	\$ 92,323	\$ -	\$ -	\$ -
Monthly Over/(Under) Collection:												
Beginning Balance	\$ (145,076)	\$ (161,406)	\$ (55,437)	\$ 57,386	\$ 224,492	\$ 306,855	\$ 236,920	\$ 111,070	\$ 32,151	\$ (32,395)	\$ (32,395)	\$ (32,395)
Current Month	\$ (16,330)	\$ 105,969	\$ 112,822	\$ 167,107	\$ 82,363	\$ (69,935)	\$ (125,850)	\$ (78,918)	\$ (64,547)	\$ -	\$ -	\$ -
Ending Balance	\$ (161,406)	\$ (55,437)	\$ 57,386	\$ 224,492	\$ 306,855	\$ 236,920	\$ 111,070	\$ 32,151	\$ (32,395)	\$ (32,395)	\$ (32,395)	\$ (32,395)
*Adjusted Annual Purchased fuel costs:	\$ 3,272,886	\$ 3,274,208	\$ 3,418,451	\$ 3,570,613	\$ 3,605,011	\$ 3,703,791	\$ 3,710,197	\$ 3,703,241	\$ 3,621,953	\$ 3,620,879	\$ 3,619,247	\$ 3,613,617
*Adjusted Annual Revenue requirement:	\$ 3,417,982	\$ 3,419,284	\$ 3,563,527	\$ 3,715,689	\$ 3,750,087	\$ 3,848,867	\$ 3,855,273	\$ 3,848,317	\$ 3,767,029	\$ 3,765,955	\$ 3,764,323	\$ 3,758,693
*Adjusted Annual Revenue stream:	\$ 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	\$ 3,533,477	\$ 3,533,477	\$ 3,533,477
Projection of Year-End Over/(under) Collection:	\$ (65,397)	\$ (76,697)	\$ (162,041)	\$ (116,989)	\$ (147,976)	\$ (228,615)	\$ (316,198)	\$ (314,991)				
Current COE Year-End Projection:												
Purchased fuel costs:	\$ 3,613,617											
2013-14 Over/(Under) Collection:	\$ (145,076)											
PUC audit corrections	\$ -											
Revenue requirement:	\$ 3,758,693											
Revenue stream:	\$ 3,533,477											
Insurance Adjustment	\$ 217,441											
Over/(under) collection:	\$ (7,774)											

*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	-	-	-
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	\$ -	\$ -	\$ -

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	1,134	\$ 26.10	\$ 29,597
Sep-15	2,167	\$ 26.10	\$ 56,559
Oct-15	8,328	\$ 26.10	\$ 217,357
Total	138,920	\$ 25.44	\$ 3,533,477

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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	\$ 603,618	\$ 589,293	\$ 416,121	\$ 369,667	\$ 179,695	\$ 111,152	\$ 92,323	\$ -	\$ -	\$ -

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	\$ -	\$ 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	\$ 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	\$ 97,758	\$ -	\$ 67,886	\$ 165,644	\$ 97,758	\$ -	\$ 67,886	\$ 14,051	\$ 179,695
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	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 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	124,334	-	286,785	411,119	\$ 1,689,277	\$ -	\$ 1,123,120	\$ 2,812,397	\$ 1,879,864	\$ -	\$ 1,389,867	\$ 343,886	\$ 3,613,617
Actual mmbtu costs \$/MMBtu					\$ 13.59	#DIV/0!	\$ 3.92	\$ 6.84					
therm					\$	Bbl	Ton						
					\$ 1.36	#DIV/0!	\$ 33.29						

111%

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