

Concord Steam Corporation
Cost of Energy (COE) DG 12-270
2012-13
Summary

	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
Revenue:	\$ 314,857	\$ 409,803	\$ 579,850	\$ 482,910	\$ 342,784	\$ 230,895	\$ 70,765	\$ 28,661	\$ 20,291	\$ 24,622	\$ 45,684	\$ -
Cost of Energy:	\$ 288,534	\$ 305,238	\$ 380,376	\$ 318,309	\$ 308,769	\$ 220,602	\$ 190,870	\$ 114,076	\$ 95,466	\$ 68,263	\$ 102,967	\$ -
Over/(Under) Collection:												
Beginning Balance	\$ (182,316)	\$ (155,993)	\$ (51,427)	\$ 148,046	\$ 312,647	\$ 346,662	\$ 356,956	\$ 236,851	\$ 151,436	\$ 76,261	\$ 32,621	\$ (24,663)
Current Month	\$ 26,323	\$ 104,565	\$ 199,474	\$ 164,601	\$ 34,015	\$ 10,294	\$ (120,105)	\$ (85,415)	\$ (75,174)	\$ (43,641)	\$ (57,284)	\$ 158,156
Ending Balance	\$ (155,993)	\$ (51,427)	\$ 148,046	\$ 312,647	\$ 346,662	\$ 356,956	\$ 236,851	\$ 151,436	\$ 76,261	\$ 32,621	\$ (24,663)	\$ 133,493
*Adjusted Annual Purchased fuel costs:	\$ 2,574,445	\$ 2,562,428	\$ 2,554,622	\$ 2,565,761	\$ 2,552,589	\$ 2,538,776	\$ 2,517,221	\$ 2,547,543	\$ 2,559,189	\$ 2,526,106	\$ 2,542,599	\$ 2,542,599
*Adjusted Annual Revenue requirement:	\$ 2,756,761	\$ 2,744,744	\$ 2,736,938	\$ 2,748,077	\$ 2,734,905	\$ 2,721,092	\$ 2,699,537	\$ 2,729,859	\$ 2,741,505	\$ 2,708,422	\$ 2,724,915	\$ 2,724,915
*Adjusted Annual Revenue stream:	\$ 2,703,419	\$ 2,672,457	\$ 2,723,653	\$ 2,738,668	\$ 2,722,557	\$ 2,730,803	\$ 2,690,613	\$ 2,692,481	\$ 2,692,283	\$ 2,691,614	\$ 2,709,279	\$ 2,709,279
Monthly Projection of Year-End												
Over/(under) Collection:	\$ (53,342)	\$ (72,288)	\$ (13,285)	\$ (9,409)	\$ (12,348)	\$ 9,711	\$ (8,924)	\$ (37,378)	\$ (49,222)	\$ (16,807)	\$ (15,636)	\$ (15,636)
Current COE Year-End Projection:												
Purchased fuel costs:	\$ 2,542,599											
REVISED 2011 Over/(Under) Collection:	\$ (200,820)	(June 4, 2013 NHPUC audit report)										
PUC audit corrections	\$ 18,504	(customer overcharge reimbursement)										
Revenue requirement:	\$ 2,724,915											
Revenue stream:	\$ 2,709,279											
Over/(under) collection:	\$ (15,636)											

*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-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
Actual Mlbs. Sold	14,936	19,440	27,507	22,908	16,261	10,953	3,357	1,360	963	1,168	2,167	7,503
Actual Rate Per Mlb.	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08	\$ 21.08
Actual Extended Revenues	\$ 314,857	\$ 409,803	\$ 579,850	\$ 482,910	\$ 342,784	\$ 230,895	\$ 70,765	\$ 28,661	\$ 20,291	\$ 24,622	\$ 45,684	\$ 158,156

Projected Mlbs. and Revenues:

	Projected Mlbs.	Rate per Mlb.	Projected Revenue \$
Nov-12	14,729	\$ 21.08	\$ 310,497
Dec-12	20,909	\$ 21.08	\$ 440,766
Jan-13	25,078	\$ 21.08	\$ 528,653
Feb-13	22,196	\$ 21.08	\$ 467,896
Mar-13	17,025	\$ 21.08	\$ 358,895
Apr-13	10,562	\$ 21.08	\$ 222,649
May-13	5,264	\$ 21.08	\$ 110,955
Jun-13	1,271	\$ 21.08	\$ 26,793
Jul-13	972	\$ 21.08	\$ 20,490
Aug-13	1,200	\$ 21.08	\$ 25,291
Sep-13	1,329	\$ 21.08	\$ 28,019
Oct-13	7,503	\$ 21.08	\$ 158,156
Total	128,039	\$ 21.08	\$ 2,699,059

Projected/Adjusted Mlbs. and Projected/Adjusted Revenues:

	Adjusted Mlbs.	Rate per Mlb.	Adjusted Revenue \$
Nov-12	14,936	\$ 21.08	\$ 314,857
Dec-12	19,440	\$ 21.08	\$ 409,803
Jan-13	27,507	\$ 21.08	\$ 579,850
Feb-13	22,908	\$ 21.08	\$ 482,910
Mar-13	16,261	\$ 21.08	\$ 342,784
Apr-13	10,953	\$ 21.08	\$ 230,895
May-13	3,357	\$ 21.08	\$ 70,765
Jun-13	1,360	\$ 21.08	\$ 28,661
Jul-13	963	\$ 21.08	\$ 20,291
Aug-13	1,168	\$ 21.08	\$ 24,622
Sep-13	2,167	\$ 21.08	\$ 45,684
Oct-13	7,503	\$ 21.08	\$ 158,156
Total	128,524	\$ 21.08	\$ 2,709,279

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2012-13
Purchased Fuel Costs

	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
Cost of Energy	\$ 288,534	\$ 305,238	\$ 380,376	\$ 318,309	\$ 308,769	\$ 220,602	\$ 190,870	\$ 114,076	\$ 95,466	\$ 68,263	\$ 102,967	\$ -

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-12	12,364	456	39,652	52,472	\$ 105,208	\$ 2,092	\$ 163,234	\$ 270,534	\$ 105,208	\$ 2,092	\$ 163,234	\$ 18,000	\$ 288,534
Dec-12	10,115	2,068	46,135	58,319	\$ 78,375	\$ 28,902	\$ 175,960	\$ 283,238	\$ 78,375	\$ 28,902	\$ 175,960	\$ 22,000	\$ 305,238
Jan-13	14,305	783	52,995	68,082	\$ 136,301	\$ 13,222	\$ 196,853	\$ 346,376	\$ 136,301	\$ 13,222	\$ 196,853	\$ 34,000	\$ 380,376
Feb-13	10,554	723	51,914	63,192	\$ 78,464	\$ 12,415	\$ 192,430	\$ 283,309	\$ 78,464	\$ 12,415	\$ 192,430	\$ 35,000	\$ 318,309
Mar-13	12,475	1,063	44,389	57,927	\$ 98,610	\$ 18,653	\$ 159,506	\$ 276,769	\$ 98,610	\$ 18,653	\$ 159,506	\$ 32,000	\$ 308,769
Apr-13	10,055	110	32,853	43,019	\$ 76,740	\$ 2,183	\$ 115,679	\$ 194,602	\$ 76,740	\$ 2,183	\$ 115,679	\$ 26,000	\$ 220,602
May-13	4,858	337	19,847	25,042	\$ 32,214	\$ 6,068	\$ 92,588	\$ 130,870	\$ 32,214	\$ 6,068	\$ 92,588	\$ 60,000	\$ 190,870
Jun-13	2,901	-	17,248	20,149	\$ 19,847	\$ -	\$ 79,229	\$ 99,076	\$ 19,847	\$ -	\$ 79,229	\$ 15,000	\$ 114,076
Jul-13	1,946	166	14,506	16,617	\$ 12,850	\$ 2,941	\$ 71,674	\$ 87,466	\$ 12,850	\$ 2,941	\$ 71,674	\$ 8,000	\$ 95,466
Aug-13	825	331	14,763	15,919	\$ 5,854	\$ 5,725	\$ 46,684	\$ 58,263	\$ 5,854	\$ 5,725	\$ 46,684	\$ 10,000	\$ 68,263
Sep-13	4,861	-	11,758	16,619	\$ 32,119	\$ -	\$ 58,848	\$ 90,967	\$ 32,119	\$ -	\$ 58,848	\$ 12,000	\$ 102,967
Oct-13	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 44,613	\$ 9,524	\$ 80,992	\$ 14,000	\$ 149,129
Total	85,259	6,037	346,060	437,357	\$ 676,583	\$ 92,202	\$ 1,352,686	\$ 2,121,470					\$ 2,542,599

Actual mmbtu costs \$/MMBtu \$ 7.94 \$ 15.27 \$ 3.91 \$ 4.85

therm Bbl Ton
\$ 0.79 \$ 93.62 \$ 33.22

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-12	9,140	0	924	924	39,490	49,555	\$ 72,718	\$ -	\$ 14,674	\$ 14,674	\$ 161,122	\$ 18,000	\$ 266,514
Dec-12	10,581	0	1,382	1,382	46,373	58,336	\$ 84,118	\$ -	\$ 21,935	\$ 21,935	\$ 189,202	\$ 22,000	\$ 317,255
Jan-13	12,019	0	1,864	1,864	56,158	70,041	\$ 95,476	\$ -	\$ 29,580	\$ 29,580	\$ 229,127	\$ 34,000	\$ 388,183
Feb-13	11,099	0	1,103	1,103	40,808	53,011	\$ 88,157	\$ -	\$ 17,514	\$ 17,514	\$ 166,499	\$ 35,000	\$ 307,170
Mar-13	9,388	0	1,220	1,220	48,011	58,618	\$ 74,695	\$ -	\$ 19,363	\$ 19,363	\$ 195,884	\$ 32,000	\$ 321,942
Apr-13	7,442	0	325	325	35,282	43,049	\$ 59,306	\$ -	\$ 5,157	\$ 5,157	\$ 143,951	\$ 26,000	\$ 234,414
May-13	5,246	0	18	18	28,301	33,565	\$ 36,666	\$ -	\$ 292	\$ 292	\$ 115,467	\$ 60,000	\$ 212,425
Jun-13	1,468	0	153	153	13,649	15,270	\$ 10,634	\$ -	\$ 2,433	\$ 2,433	\$ 55,687	\$ 15,000	\$ 83,754
Jul-13	1,205	0	104	104	16,011	17,320	\$ 8,840	\$ -	\$ 1,654	\$ 1,654	\$ 65,326	\$ 8,000	\$ 83,820
Aug-13	1,100	0	100	100	20,010	21,210	\$ 8,117	\$ -	\$ 1,587	\$ 1,587	\$ 81,642	\$ 10,000	\$ 101,346
Sep-13	1,350	0	200	200	15,068	16,618	\$ 9,821	\$ -	\$ 3,175	\$ 3,175	\$ 61,478	\$ 12,000	\$ 86,474
Oct-13	6,400	0	600	600	19,851	26,851	\$ 44,613	\$ -	\$ 9,524	\$ 9,524	\$ 80,992	\$ 14,000	\$ 149,129
	76,438	0	7,994	7,994	379,012	463,444	\$ 593,160	\$ -	\$ 126,887	\$ 126,887	\$ 1,546,378	\$ 286,000	\$ 2,552,425

Projected mmbtu costs \$/MMBtu \$ 7.76 \$ - \$ 15.87 \$ 15.87 \$ 4.08 \$ 5.51

therm Bbl Bbl Ton
\$ 0.78 \$ 71.11 \$ 101.59 \$ 97.30 \$ 34.68

*Other Energy Related Production Costs