

**Concord Steam Corporation
Cost Of Energy (COE)**

**DG 10 -
Schedule 1**

	Projected Steam Sales Mlbs	Projected Fuel Use MMBtu	\$/Mlb	Steam Revenue Energy	Cost of Energy	Projected Over/Under Collection
Nov-10	15,221	50,776	\$ 16.64	\$ 253,242	\$ 239,467	\$ 13,776
Dec-10	24,500	68,091	16.64	\$ 407,633	\$ 306,815	\$ 100,818
Jan-11	27,561	70,048	16.64	\$ 458,571	\$ 342,885	\$ 115,685
Feb-11	26,303	68,156	16.64	\$ 437,638	\$ 336,729	\$ 100,910
Mar-11	19,795	66,735	16.64	\$ 329,347	\$ 319,463	\$ 9,883
Apr-11	10,140	43,334	16.64	\$ 168,714	\$ 208,596	\$ (39,882)
May-11	4,216	28,651	16.64	\$ 70,143	\$ 128,796	\$ (58,654)
Jun-11	1,709	20,251	16.64	\$ 28,435	\$ 87,718	\$ (59,283)
Jul-11	931	20,700	16.64	\$ 15,490	\$ 88,710	\$ (73,220)
Aug-11	889	20,300	16.64	\$ 14,791	\$ 85,054	\$ (70,263)
Sep-11	1,626	21,904	16.64	\$ 27,054	\$ 91,522	\$ (64,468)
Oct-11	9,509	31,488	16.64	\$ 158,212	\$ 143,388	\$ 14,824
TOTAL	142,399	510,434		2,369,269	\$ 2,379,143	(9,874)

Over collection from previous year 9,874

Total of Cost of Energy Charge 2,369,269

Energy Charge - \$ per Mlb \$ 16.64

Average COE charge for last year \$ 17.83
Percent reduction from last year 6.7%

Projected MMBtu's and Cost:

	Projected MMBtu's					Total
	Nat. Gas	Waste	#6 Resid	Waste+ #6	Wood	
Nov-10	9,670	1,000		1,000	40,106	50,776
Dec-10	10,087	1,000		1,000	57,004	68,091
Jan-11	12,031	1,000	2,000	3,000	55,017	70,048
Feb-11	12,756	1,000	1,800	2,800	52,600	68,156
Mar-11	9,453	1,000	2,000	3,000	54,282	66,735
Apr-11	5,385	500	1,800	2,300	35,649	43,334
May-11	5,216	500	-	500	22,935	28,651
Jun-11	1,719	0	500	500	18,032	20,251
Jul-11	1,500	0	500	500	18,700	20,700
Aug-11	1,100	200	300	500	18,700	20,300
Sep-11	1,350	300	200	500	20,054	21,904
Oct-11	6,400	500	-	500	24,588	31,488
	76,667	7,000	9,100	16,100	417,668	510,434
				6.13		
	bbls	bbls	bbls	bbls	tons	
		1,167	1,468	2,597	49,137	

	Projected Costs					Total
	Nat. Gas	Waste Oil	#6 Resid	Waste+ #6	Wood	
Nov-10	\$ 77,728	\$ 9,811	\$ -	\$ 9,811	\$ 151,928	\$ 239,467
Dec-10	\$ 81,066	\$ 9,811	\$ -	\$ 9,811	\$ 215,938	\$ 306,815
Jan-11	\$ 96,630	\$ 9,811	\$ 28,032	\$ 37,843	\$ 208,412	\$ 342,885
Feb-11	\$ 102,435	\$ 9,811	\$ 25,229	\$ 35,040	\$ 199,254	\$ 336,729
Mar-11	\$ 75,993	\$ 9,811	\$ 28,032	\$ 37,843	\$ 205,627	\$ 319,463
Apr-11	\$ 43,420	\$ 4,906	\$ 25,229	\$ 30,134	\$ 135,042	\$ 208,596
May-11	\$ 37,010	\$ 4,906	\$ -	\$ 4,906	\$ 86,881	\$ 128,796
Jun-11	\$ 12,403	\$ -	\$ 7,008	\$ 7,008	\$ 68,306	\$ 87,718
Jul-11	\$ 10,864	\$ -	\$ 7,008	\$ 7,008	\$ 70,838	\$ 88,710
Aug-11	\$ 8,050	\$ 1,962	\$ 4,205	\$ 6,167	\$ 70,838	\$ 85,054
Sep-11	\$ 9,809	\$ 2,943	\$ 2,803	\$ 5,747	\$ 75,967	\$ 91,522
Oct-11	\$ 45,340	\$ 4,906	\$ -	\$ 4,906	\$ 93,142	\$ 143,388
	\$ 600,747	\$ 68,678	\$ 127,544	\$ 196,222	\$ 1,582,174	\$ 2,379,143

	Projected mmbtu costs			Average oil		
	Gas	Waste	#6	#6 + waste	Wood	
\$/MMBtu	\$ 6.02	\$ 9.81	\$ 14.02	\$ 12.19	\$ 3.79	
\$/unit	\$ 6.02	\$ 61.81	\$ 88.30	\$ 76.78	\$ 32.20	

Other production related costs not in COE	
Ash disposal	28,070
State Air Permit fees	37,199
Water/Sewer	170,000
Total	235,269

**Concord Steam Corporation
Cost Of Energy (COE)**

**DG 10 -
Schedule-3**

	Actual Sales MIbs 2009/10	Steam sold non heating	Steam sold heating	New customers	Actual Deg Days 2009/10	Deg Days 30 yr ave	Adjusted Base rate Sales 2008/09
Nov-09	12,298	1,500	10,798	1,420	697	794	15,221
Dec-09	22,692	1,500	21,192	1,700	1182	1188	24,500
Jan-10	24,708	1,500	23,208	1,600	1296	1366	27,561
Feb-10	23,431	1,500	21,931	1,420	1087	1159	26,303
Mar-10	14,034	1,500	12,534	1,080	715	982	19,795
Apr-10	7,863	1,500	6,363	640	474	596	10,140
May-10	3,575	1,500	2,075	500	196	299	4,216
Jun-09	1,709	1,709	-	-	97	85	1,709
Jul-09	931	931	-	-	36	16	931
Aug-09	889	889	-	-	36	35	889
Sep-09	1,226	1,226	-	400	223	184	1,626
Oct-09	10,066	1,500	8,566	530	591	516	9,509
TOTAL	123,421			9,290	6,630	7,220	142,399

Concord Steam Corporation
 Cost Of Energy (COE)
 2010-11

DG 10 -
 Schedule-4

Summary of Reconciled Energy expenses/Revenue

	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10
Revenue:	\$ 213,490	\$ 405,964	\$ 442,022	\$ 419,173	\$ 251,089	\$ 140,660	\$ 63,956	\$ 22,935	\$ 16,827	\$ 17,682	\$ 36,495	\$ 170,031

Cost of Energy:	\$ 219,889	\$ 311,415	\$ 325,887	\$ 244,476	\$ 251,414	\$ 160,420	\$ 142,406	\$ 76,258	\$ 74,507	\$ 99,797	\$ 106,035	\$ 146,179
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Over/(Under) Collection:	Beginning Balance	Current Month	Ending Balance
	\$ (31,747)	\$ (38,146)	\$ 56,403
	\$ (6,399)	\$ 94,549	\$ 116,135
	\$ (38,146)	\$ 56,403	\$ 172,538
			\$ 172,538
			\$ 347,234
			\$ 346,889
			\$ 327,129
			\$ 248,679
			\$ 195,356
			\$ 137,676
			\$ 55,561
			\$ (13,978)
			\$ 9,874

Purchased fuel costs: \$ 2,158,683
 Over/(Under) Collection 08/09: \$ (31,747)
 Revenue requirement: \$ 2,190,430

Adjusted Revenue stream: \$ 2,200,304

Projected 2009-10 Over/(under) Collection: \$ 9,874

Concord Steam Company
Cost of Energy (COE)
2009-10

Revenue Summary

Nov-09 Dec-09 Jan-10 Feb-10 Mar-10 Apr-10 May-10 Jun-10 Jul-10 Aug-10 Sep-10 Oct-10

Cost of Energy	\$219,889	\$ 311,415	\$325,887	\$244,476	\$251,414	\$160,420	\$142,406	\$ 76,258	\$ 74,507	\$ -	\$ -	\$ -
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Actual MMBtu's and Cost:

	Actual MMBtu's				Total	Actual Costs				Total	Projected/Actual Costs				Total
	Nat. Gas	Waste	Waste + #8	Wood		Tons	Nat. Gas	Waste	Waste + #8		Wood	Nat. Gas	Waste	Waste + #8	
Nov-09	14,182	41	251	28,986	3410	\$ 85,290	\$ 2,694	\$ 131,904	\$ 219,889	\$ 85,290	\$ 2,694	\$ 131,904	\$ 219,889		
Dec-09	10,087	337	2,063	52,701	6200	\$ 78,601	\$ 20,066	\$ 212,748	\$ 311,415	\$ 78,601	\$ 20,066	\$ 212,748	\$ 311,415		
Jan-10	-	1,429	8,761	62,720	7379	\$ 445	\$ 83,080	\$ 242,362	\$ 325,887	\$ 445	\$ 83,080	\$ 242,362	\$ 325,887		
Feb-10	-	784	4,804	50,696	5964	\$ 402	\$ 47,190	\$ 196,884	\$ 244,476	\$ 402	\$ 47,190	\$ 196,884	\$ 244,476		
Mar-10	9,453	299	1,833	39,899	4694	\$ 72,565	\$ 18,525	\$ 160,324	\$ 251,414	\$ 72,565	\$ 18,525	\$ 160,324	\$ 251,414		
Apr-10	5,385	-	-	27,242	3205	\$ 41,417	\$ 217	\$ 118,786	\$ 160,420	\$ 41,417	\$ 217	\$ 118,786	\$ 160,420		
May-10	5,217	15	92	22,320	2626	\$ 39,437	\$ 9,409	\$ 93,560	\$ 142,406	\$ 39,437	\$ 9,409	\$ 93,560	\$ 142,406		
Jun-10	1,719	9	55	12,002	1412	\$ 13,260	\$ 1,279	\$ 61,719	\$ 76,258	\$ 13,260	\$ 1,279	\$ 61,719	\$ 76,258		
Jul-10	1,183	24	147	12,943	1523	\$ 9,834	\$ 1,892	\$ 62,781	\$ 74,507	\$ 9,834	\$ 1,892	\$ 62,781	\$ 74,507		
Aug-10	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Sep-10	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Oct-10	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Total	47,226	2,937	18,007	309,510	36,413	\$341,252	\$ 184,352	\$ 1,281,068	\$ 1,806,672	\$ 341,252	\$ 184,352	\$ 1,281,068	\$ 1,806,672		

Projected MMBtu's and Cost:

	Projected MMBtu's				Total	Projected Costs				Total
	Nat. Gas	Waste	#8 Resid	Waste+ #8		Wood	Nat. Gas	Waste	Waste+ #8	
Nov-09	9670	1,000	1,000	1,000	38,106	\$ 75,736	\$ 7,222	\$ 14,444	\$ 245,686	\$ 255,801
Dec-09	10,100	2,000	2,000	2,000	57,004	\$ 79,090	\$ 14,444	\$ 24,667	\$ 388,048	\$ 399,200
Jan-10	0	3,000	12,500	15,500	52,017	\$ 310	\$ 21,667	\$ 128,968	\$ 150,635	\$ 388,048
Feb-10	0	2,600	10,200	12,800	52,600	\$ 310	\$ 18,778	\$ 105,238	\$ 124,016	\$ 351,011
Mar-10	11,000	1,000	1,000	2,000	54,282	\$ 86,110	\$ 7,222	\$ 10,317	\$ 17,540	\$ 337,585
Apr-10	5,900	1,000	1,000	2,000	35,649	\$ 46,330	\$ 7,222	\$ 10,317	\$ 17,540	\$ 217,502
May-10	5,155	0	0	-	21,935	\$ 40,519	\$ -	\$ -	\$ -	\$ 139,361
Jun-10	1,750	0	0	-	18,032	\$ 13,960	\$ -	\$ -	\$ -	\$ 91,670
Jul-10	1,500	0	0	-	18,459	\$ 12,010	\$ -	\$ -	\$ -	\$ 80,590
Aug-10	1,100	0	1,000	1,000	12,449	\$ 8,890	\$ -	\$ -	\$ -	\$ 80,590
Sep-10	1,350	500	500	1,000	17,054	\$ 10,840	\$ 3,611	\$ 5,159	\$ 8,770	\$ 106,035
Oct-10	6,400	1,000	1,000	1,000	31,926	\$ 50,230	\$ 7,222	\$ -	\$ 7,222	\$ 146,179
Total	53,925	12,100	26,200	38,300	409,513	\$ 424,335	\$ 87,389	\$ 270,317	\$ 357,706	\$ 2,584,789

Other production related costs not in COE, but should be

Ash disposal	28,070
State Air Permit fees	37,199
Water/sewer	170,586
Total	235,855

Projected mmbtu costs

Gas	\$/MMBtu	7.87	Waste	\$/Unit	7.87	#8	\$/waste	10.32	Wood	\$/Ton	4.35
Decatherm	\$/Unit	7.87	Bbl	\$/Bbl	46.22	Bbl	\$/Bbl	66.03	\$/Ton	57.25	37.00

Actual mmbtu costs

Wood	\$/waste	10.24
\$/MMBtu	4.14	
\$/ton, \$/bbl	35.18	
\$/Unit	62.76	

**Concord Steam Corporation
Cost Of Energy (COE)**

**DG10 -
Schedule-6**

Customer Size	Annual usage M/lbs	Energy Charge at new rate 16.64	Energy Charge at 09/10 average 17.83	Meter Charge	Base Rate	New rate Total	Last year cost based on average energy cost over 09/10
Small	295	\$ 4,908	\$ 5,259	\$ 60	\$ 4,682	\$ 9,650	\$ 10,001 -3.51% % decrease from last year
Medium	1201	\$ 19,983	\$ 21,411	\$ 225	\$ 17,595	\$ 37,802	\$ 39,231 -3.64% % decrease from last year
Large	4797	\$ 79,814	\$ 85,519	\$ 480	\$ 65,959	\$ 146,252	\$ 151,958 -3.75% % decrease from last year

Concord Steam Company
 Cost of Energy (COE)
 2010-11 filing
 Revenue Summary

DG 10 -
 Schedule -7

	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10
Actual Mibs. Sold	12,298	22,692	24,708	23,431	14,034	7,863	3,575	1,282	846	889	1,835	8,549
Actual Rate Per Mib.	\$ 17.36	\$ 17.89	\$ 17.89	\$ 17.89	\$ 17.89	\$ 17.89	\$ 17.89	\$ 17.89	\$ 19.89	\$ 19.89	\$ 19.89	\$ 19.89
Actual/Projected Revenues	\$ 213,490	\$ 405,964	\$ 442,022	\$ 419,173	\$ 251,069	\$ 140,660	\$ 63,956	\$ 22,935	\$ 16,827	\$ 17,682	\$ 36,495	\$ 170,031

Projected Mibs. and Revenues:

Projected/Actual Mibs. and Projected/Adjusted Revenues:

	Projected Mibs.	Rate per Mib.	Projected Revenue \$		Actual/Projected Mibs.	Rate per Mib.	Revenue \$
Nov-09	15,516	\$ 17.36	\$ 269,360	Nov-09	12,298	\$ 17.36	\$ 213,490
Dec-09	22,744	\$ 17.89	\$ 406,886	Dec-09	22,692	\$ 17.89	\$ 405,964
Jan-10	30,612	\$ 17.89	\$ 547,640	Jan-10	24,708	\$ 17.89	\$ 442,022
Feb-10	25,744	\$ 17.89	\$ 460,566	Feb-10	23,431	\$ 17.89	\$ 419,173
Mar-10	21,361	\$ 17.89	\$ 382,153	Mar-10	14,034	\$ 17.89	\$ 251,069
Apr-10	11,169	\$ 17.89	\$ 199,812	Apr-10	7,863	\$ 17.89	\$ 140,660
May-10	4,578	\$ 17.89	\$ 81,908	May-10	3,575	\$ 17.89	\$ 63,956
Jun-10	1,683	\$ 17.89	\$ 30,116	Jun-10	1,282	\$ 17.89	\$ 22,935
Jul-10	931	\$ 17.89	\$ 16,656	Jul-10	846	\$ 19.89	\$ 16,827
Aug-10	889	\$ 17.89	\$ 15,904	Aug-10	889	\$ 19.89	\$ 17,682
Sep-10	1,835	\$ 17.89	\$ 32,826	Sep-10	1,835	\$ 19.89	\$ 36,495
Oct-10	8,549	\$ 17.89	\$ 152,934	Oct-10	8,549	\$ 19.89	\$ 170,031
Total	145,611	\$ 17.83	\$ 2,596,761	Total	122,000	\$ 18.04	\$ 2,200,304

