

CCI CoalXL COAL EVALUATION

CCI 311

DATE: 03/23/11

		COAL 1	COAL2	COAL 3	COAL4	COAL5	COAL6	COAL7
COAL MINES	SPEC COAL	Ohio	Pitt #8	Ill Strip	Indiana	West KY	WKY 2	Ill Deep
		Ohio	Pitt #8	Ill Strip	Indiana	West KY	WKY 2	Ill Deep
COAL \$/TON	\$50.00	\$55.00	\$58.00	\$54.00	\$50.00	\$50.00	\$50.00	\$50.00
TRANSPORT \$/TON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COST \$/MBTU	\$2.152	\$2.182	\$2.231	\$2.213	\$2.194	\$2.192	\$2.193	\$2.193
<u>BASIC PARAMETERS</u>								
HEAT RATE Btu/Kw	10,000	10,041	10,030	10,008	10,043	10,118	10,098	10,023
EQUIVALENT K TONS	1000.0	925.7	896.3	953.1	1023.9	1030.5	1028.9	1021.3
ASH TONS	129,080	88,842	74,392	75,814	90,295	88,812	90,334	103,042
SULFUR TONS	9,773	40,288	22,407	24,378	33,380	29,574	29,810	29,138
COST OF POWER mil/Kw	21.52	21.91	22.37	22.15	22.03	22.18	22.14	21.98
<u>BOILER EFF COST</u>		227439	174202	41892	217268	590580	488974	112844
<u>COAL HANDLING</u>								
COST OF MOVING COAL \$	-	\$ (148,616)	\$ (207,414)	\$ (93,789)	\$ 47,822	\$ 61,064	\$ 57,729	\$ 42,651
<u>ASH EVALUATION</u>								
ASH DISPOSAL \$	1,290,800	\$ 888,424	\$ 743,923	\$ 758,137	\$ 902,952	\$ 888,116	\$ 903,343	\$ 1,030,415
<u>SULFUR EVAL</u>								
SO2 CREDIT COST X TONS \$	174,940	\$ 721,155	\$ 401,091	\$ 436,365	\$ 597,497	\$ 529,369	\$ 533,605	\$ 521,578
INCR. SCRUBBER COST \$	-	\$ 2,357,936	\$ 976,264	\$ 1,128,538	\$ 1,824,120	\$ 1,530,024	\$ 1,548,307	\$ 1,496,388
<u>ELECTRIC POWER COSTS</u>								
FAN POWER COST \$	-	\$ 145,669	\$ 165,834	\$ (116,271)	\$ (115,128)	\$ (4,396)	\$ (27,493)	\$ 21,910
MILL POWER COST \$	12,447	\$ (104,475)	\$ (118,334)	\$ (89,529)	\$ (63,179)	\$ (37,451)	\$ (43,808)	\$ (24,090)
<u>SUMMARY</u>								
TOTAL IMPACT \$	\$ 1,478,187	\$ 4,087,532	\$ 2,135,566	\$ 2,065,345	\$ 3,411,351	\$ 3,557,305	\$ 3,460,656	\$ 3,201,697
IMPACT \$/MBTU	\$ 0.064	\$ 0.176	\$ 0.092	\$ 0.089	\$ 0.147	\$ 0.153	\$ 0.149	\$ 0.138
DIFF FROM SPEC \$/MBTU		\$ 0.112	\$ 0.028	\$ 0.025	\$ 0.083	\$ 0.089	\$ 0.085	\$ 0.074
COAL PRICE \$/MBtu		\$ 2.182	\$ 2.231	\$ 2.213	\$ 2.194	\$ 2.192	\$ 2.193	\$ 2.193
EVALUATED PRICE		\$ 2.295	\$ 2.259	\$ 2.239	\$ 2.277	\$ 2.281	\$ 2.278	\$ 2.267



Coal Combustion Inc.
Understanding the business of coal