howard1v@deseretgt.com on 11/12/2002 10:08:53 AM

To: Mike Owens/P2/R8/USEPA/US@EPA
cc: crabtree@deseretgt.com

Subject: Bonanza Spread Sheet

Mike,
Here is the Excel spreadsheet showing Bonanza Emissions and operating data from 1996 to the present. Let me know if there are any questions. This data is not considered final and could be subject to change.

Deseret believes that 1998 would be considered the baseline year for pre ruggedized rotor emissions since that was the year the permit was issued and the plant was at the highest capacity factor prior to the rotor installation in 2000.

Thanks,

Howard Emissions Comparison Spreadshe

Emissions comparisons pre/post ruggedized rotor

Year	Megawatt Gross	MWg Net chang	Heat Input mmBtu's	Heat Input net Chang	Gross Heat Rate	SO2 Tons Annual	SO2 TPY Decrease	SO2 #/mmBtu Annual	SO2 #/mmBtu Decrease	SO2 #/MwH Annual	SO2 #/MwH Decrease	SO2 #/Ton Coal	SO2 #/T of coal Decrease	NOx Tons Annual	NOx TPY Decrease	NOx #/mmBtu Annual	NOx #/mmBtu Decrease	NOx #/MwH Annual	NOx #/MwH Decrease	NOx #/Ton Coal	NOx #/T of coal Decrease
1996-2	3006087	-17.3%	31825707	-15.0%	10587	994.7	-33.5%	0.063	-21.7%	0.662	-19.6%	1.505	-14.8%	5729	-30.8%	0.360	-18.6%	3.811	-16.3%	8.668	-11.4%
1997-2	3202899	-11.9%	32838398	-12.3%	10253	1213.5	-18.8%	0.074	-7.4%	0.758	-7.9%	1.608	-9.0%	5648	-31.8%	0.344	-22.2%	3.527	-22.6%	7.487	-23.5%
1998-4	3634735	0.0%	37460889	0.0%	10306	1495.1	0.0%	0.080	0.0%	0.823	0.0%	1.767	0.0%	8279	0.0%	0.442	0.0%	4.555	0.0%	9.783	0.0%
1999-2	3365900	-7.4%	35696006	-4.7%	10605	1134.9	-24.1%	0.064	-20.3%	0.674	-18.0%	1.449	-18.0%	5604	-32.3%	0.314	-29.0%	3.330	-26.9%	7.153	-26.9%
2000-1	3095692	-14.8%	32866456	-12.3%	10617	1038.4	-30.5%	0.063	-20.8%	0.671	-18.5%	1.397	-20.9%	5834	-29.5%	0.355	-19.7%	3.769	-17.3%	7.850	-19.8%
2001-3	4119555	13.3%	42424531	13.3%	10298	1207.1	-19.3%	0.057	-28.7%	0.586	-28.8%	1.223	-30.8%	6936	-16.2%	0.327	-26.0%	3.368	-26.1%	7.027	-28.2%
2002-3*	4066438	11.9%	42960650	14.7%	10565	994.4	-33.5%	0.046	-42.0%	0.489	-40.6%	1.010	-42.8%	6895	-16.7%	0.321	-27.4%	3.391	-25.6%	7.005	-28.4%

Notes

1 Ruggedized rotor installation
2 Pre ruggedized rotor installation
3 Post ruggedized rotor installation
4 Baseline year for pre rotor emissions

* Annualized based on first two quarters of data