

DPU Data Request 36.3 - Table 1

Annual Historical and Projected SO2 Emissions - Tons/yr																					
Plant Name	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hunter 1	2,156	1,720	3,114	2,772	2,338	2,548	3,298	2,990	2,823	2,155	1,761	2,149	2,086	3,110	2,616	1,827	1,839	1,822	1,625	1,795	1,809
Hunter 2	1,764	2,720	2,543	2,331	2,402	2,485	2,535	2,748	2,219	2,152	1,697	1,763	2,113	1,752	1,751	1,670	1,818	1,789	1,789	1,624	1,809
Hunter 3	1,050	1,213	1,370	1,029	987	1,243	1,505	934	1,029	812	1,100	1,042	927	1,791	1,754	1,870	1,749	1,870	1,839	1,845	1,695
Huntington 1	1,798	1,874	2,631	2,636	2,346	2,223	2,889	2,901	2,287	2,268	2,020	1,780	1,754	1,735	1,526	1,791	1,776	1,762	1,600	1,780	1,789
Huntington 2	11,314	10,196	11,079	15,650	14,381	15,139	14,516	1,450	1,075	1,040	1,097	989	1,155	1,149	1,140	1,003	1,201	1,187	1,172	1,033	1,219
Jim Bridger 1	6,284	5,981	6,114	7,314	8,433	7,685	9,061	7,894	7,476	7,178	1,843	1,224	1,235	1,250	1,131	1,254	1,263	1,272	1,265	1,359	1,389
Jim Bridger 2	5,685	5,462	5,853	4,387	4,310	5,382	5,457	5,993	5,214	3,292	5,192	5,285	3,161	1,751	1,770	1,795	1,614	1,804	1,847	1,838	1,667
Jim Bridger 3	6,818	6,583	4,813	6,198	6,875	6,701	5,062	5,908	5,320	5,731	2,683	2,817	2,836	2,773	2,429	2,796	2,810	2,780	2,477	2,813	2,825
Jim Bridger 4	5,686	5,958	5,246	5,924	6,616	5,101	5,734	5,517	5,831	3,302	3,030	2,779	2,749	2,484	2,849	2,817	2,805	2,428	2,763	2,759	2,730
Wyodak	4,985	6,378	6,738	5,302	6,039	6,383	5,950	5,123	6,125	5,847	5,284	2,392	2,871	2,866	2,838	2,136	2,888	2,697	2,797	2,419	2,802
Cholla 4	3,245	4,908	3,290	3,551	3,264	3,466	3,308	2,505	2,410	2,428	2,656	2,807	2,468	2,830	2,810	2,857	2,121	2,771	2,597	2,757	2,462
<b>Total Annual SO2 Tons</b>	<b>6,566</b>	<b>8,214</b>	<b>8,291</b>	<b>7,810</b>	<b>7,862</b>	<b>7,732</b>	<b>6,514</b>	<b>7,835</b>	<b>8,196</b>	<b>7,437</b>	<b>6,768</b>	<b>3,623</b>	<b>2,455</b>	<b>2,449</b>	<b>2,452</b>	<b>2,454</b>	<b>2,154</b>	<b>2,379</b>	<b>2,463</b>	<b>2,477</b>	<b>2,481</b>
Hunter Plant Emissions	7,270	9,501	9,557	10,729	7,650	10,615	10,190	11,018	4,039	2,441	2,131	2,350	2,198	2,385	2,467	2,506	2,192	2,381	2,356	2,351	2,176
Huntington Plant Emissions	13,112	12,070	13,710	18,286	16,727	17,363	17,405	4,351	3,362	3,308	3,117	2,769	2,909	2,884	2,665	2,795	2,977	2,949	2,772	2,813	3,007
Jim Bridger Plant Emissions	24,473	23,985	22,026	23,822	26,234	24,869	25,314	25,311	23,841	19,502	12,748	12,105	9,982	8,258	8,178	8,662	8,492	8,284	8,352	8,770	8,631
Reductions From 2006 Baseline (Following the Completion of the SO2 Projects) - Tons/yr																					
Hunter 1															682	1,471	1,459	1,477	1,673	1,503	1,490
Hunter 2												772	422	782	784	864	716	746	745	911	726
Huntington 1											869	1,109	1,135	1,154	1,364	1,098	1,114	1,127	1,289	1,110	1,100
Jim Bridger 1											7,218	7,836	7,825	7,811	7,930	7,807	7,798	7,789	7,796	7,702	7,672
Jim Bridger 2										2,165	266	172	2,296	3,706	3,688	3,662	3,843	3,653	3,611	3,619	3,790
Jim Bridger 3												2,245	2,226	2,289	2,633	2,266	2,252	2,282	2,585	2,249	2,237
Jim Bridger 4									-97	2,432	2,704	2,956	2,985	3,251	2,886	2,917	2,929	3,306	2,971	2,975	2,984
Wyodak												3,559	3,080	3,085	3,113	3,814	3,063	3,254	3,153	3,532	3,148
Cholla 4									898	880	652	501	840	478	498	451	1,188	537	711	551	846
Hunter Plant Reductions												772	422	782	1,466	2,335	2,176	2,222	2,419	2,414	2,216
Jim Bridger Plant Reductions									-97	4,598	10,188	13,209	15,333	17,056	17,136	16,652	16,822	17,031	16,962	16,545	16,684

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Hunter/Huntington Annual SO2 Emissions Assuming No Scrubber Modifications - Tons/yr																							
Plant Name	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Hunter 1	2,156	1,720	3,114	2,772	2,338	2,548	3,298	2,990	2,823	2,155	1,761	3,625	3,651	3,629	3,052	3,838	3,862	3,826	3,413	3,770	3,798		
Hunter 2	1,764	2,720	2,543	2,331	2,402	2,485	2,535	2,748	2,219	2,152	1,697	2,973	3,697	3,679	3,677	3,508	3,818	3,757	3,757	3,409	3,798		
Hunter 3	1,050	1,213	1,370	1,029	987	1,243	1,505	934	1,029	812	1,100	1,563	1,545	1,791	1,754	1,870	1,749	1,870	1,839	1,845	1,695		
Huntington 1	1,798	1,874	2,631	2,636	2,346	2,223	2,889	2,901	2,287	2,268	2,020	3,458	3,311	3,225	2,826	4,086	3,667	3,307	2,657	2,955	2,971		
Huntington 2	11,314	10,196	11,079	15,650	14,381	15,139	14,516	1,450	1,075	1,040	1,097	989	1,155	1,149	1,140	1,003	1,201	1,187	1,172	1,033	1,219		
<b>Total Annual SO2 Tons</b>	<b>18,082</b>	<b>17,723</b>	<b>20,736</b>	<b>24,418</b>	<b>22,453</b>	<b>23,640</b>	<b>24,743</b>	<b>11,022</b>	<b>9,434</b>	<b>8,428</b>	<b>7,675</b>	<b>12,607</b>	<b>13,359</b>	<b>13,474</b>	<b>12,448</b>	<b>14,306</b>	<b>14,297</b>	<b>13,947</b>	<b>12,839</b>	<b>13,013</b>	<b>13,480</b>		
Hunter Plant Emissions	4,970	5,653	7,026	6,132	5,726	6,277	7,338	6,671	6,072	5,120	4,558	8,160	8,893	9,099	8,483	9,216	9,429	9,453	9,009	9,025	9,291		
Huntington Plant Emissions	13,112	12,070	13,710	18,286	16,727	17,363	17,405	4,351	3,362	3,308	3,117	4,447	4,466	4,374	3,966	5,090	4,868	4,494	3,829	3,988	4,189		
Reductions From 2006 Baseline Assuming no Scrubber Modifications - Tons/yr																							
Hunter 1															246	-539	-564	-527	-114	-472	-500		
Hunter 2														-1,163	-1,145	-1,142	-973	-1,284	-1,222	-1,223	-875	-1,264	
Hunter 1 & 2 SO2 Reductions															-1,145	-896	-1,513	-1,847	-1,750	-1,337	-1,347	-1,763	
Huntington 1														-569	-421	-336	63	-1,197	-778	-418	232	-66	-81
Total Reductions Associated with Upgrades (Actual Decreases Plus Avoided Increases) - Tons/yr																							
Hunter 1																436	2,010	2,023	2,004	1,788	1,975		
Hunter 2														772	1,585	1,927	1,926	1,838	2,000	1,968	1,968	1,786	
Hunter 1 & 2 SO2 Reductions														772	1,585	1,927	2,362	3,848	4,023	3,972	3,756	3,761	
Huntington 1															1,490	1,300	2,295	1,891	1,545	1,057	1,176		