

Electric Power Annual 2010

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Table 3.9. Emissions from Energy Consumption at Conventional Power Plants and Combined-Heat-and-Power Plants, 1999 through 2010

(Thousand Metric Tons)

Emission	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
Carbon Dioxide (CO ₂)	2,388,596	2,269,508	2,484,012	2,547,032	2,488,918	2,543,838	2,486,982	2,445,094	2,423,963	2,418,607	2,470,834	2,366,302
Sulfur Dioxide (SO ₂)	5,401	5,970	7,830	9,042	9,524	10,340	10,309	10,646	10,881	11,174	11,904	12,843
Nitrogen Oxides (NO _x)	2,491	2,395	3,330	3,650	3,799	3,961	4,143	4,532	5,194	5,290	5,638	5,955

Notes: • The emissions data presented include total emissions from both electricity generation and the production of useful thermal output. • See Appendix A, Technical Notes, for a description of the sources and methodology used to develop the emissions estimates. • CO₂ emissions for the historical years 1998-2008 have been revised due to changes in emission factors. Total year 2000 sulfur dioxide emissions were revised downward from 11,963 thousand metric tons to 11,904 thousand metric tons in March 2012.

Source: Calculations made by the Office of Electricity, Renewables, and Uranium Statistics, U.S. Energy Information Administration.