

Coal-Fired Power Plants in Wisconsin (2009)



10 Largest Plants, by Total Capacity

	Plant Name	Primary Owner	County	Plant Size (MW)	Annual Electricity Generation (MWh)
1	Pleasant Prairie	We Energies (Wisconsin Electric Power Co)	Kenosha	1,235	7,244,545
2	South Oak Creek	We Energies (Wisconsin Electric Power Co)	Milwaukee	1,211	4,424,817
3	Weston	Wisconsin Public Service Corp	Marathon	1,163	6,080,663
4	Columbia	Wisconsin Power & Light Co	Columbia	1,023	6,481,444
5	Edgewater	Wisconsin Power & Light Co	Sheboygan	770	4,088,282
6	Alma Site	Dairyland Power Coop	Buffalo	568	2,921,369
7	Pulliam	Wisconsin Public Service Corp	Brown	441	1,466,595
8	Genoa	Dairyland Power Coop	Vernon	346	1,753,686
9	Valley	We Energies (Wisconsin Electric Power Co)	Milwaukee	275	874,822
10	Nelson Dewey (80% Coal, 20% Oil)	Wisconsin Power & Light Co	Grant	200	1,071,151

Annual Emissions, 10 Largest Plants

Plant Name	Nitrous Oxide Emissions (tons / yr)	Sulfur Dioxide Emissions (tons / yr)	Carbon Dioxide Equiv. Emissions (tons / yr)	Lead Emissions (lbs / yr)	Mercury Emissions (lbs / yr)
Pleasant Prairie	2,605.44	987.68	8,997,169.9	3267	571
South Oak Creek	3,629.63	10,869.22	5,112,719.9	2729	227.3
Weston	3,809.77	8,943.60	6,059,102.6	15111.7	378
Columbia	4,766.14	24,228.20	7,407,943.8	716.2	627.1
Edgewater	2,962.20	13,448.50	4,611,369.3	8184.5	374.9
Alma Site	4,923.66	15,333.97	3,515,931.2	11141.69	188.7
Pulliam	3,384.03	4,385.90	1,770,024.9	2074	103.2
Genoa	1,528.01	6,457.73	1,863,087.0	2127.545	71.22
Valley	1,063.18	3,147.16	834,584.8	127.9	6.8
Nelson Dewey	2,381.65	12,645.66	1,486,649.1	486.65524	46.20035

Data Source:

U.S. Environmental Protection Agency (2012). *Emissions and Generation Resource Integrated Database 2012 - eGRID2012 Version 1.0 Plant File (Year 2009 Data)*. and

U.S. Environmental Protection Agency. *Toxics Release Inventory (TRI) Program*.