

Facility-Level Emission Changes: 2009-2024

Emissions at facilities included in this analysis either increased or decreased from 2009 to 2024, using the following criteria:

- Analysis includes only coal units;
- Over 75% change in emission rate;
- Over 0.2 lb/mmBtu change in absolute emission rate; and
- Over 1,000 ton change in emissions of SO₂ or NO_x.

The analysis includes data submitted to EPA as of February 10, 2025. The presentation of this data is not intended to suggest the compliance status of these facilities with currently applicable federal, state, or local environmental requirements.

Facilities with Increasing SO₂

Facility	SO ₂ Emission Increase	SO ₂ Rate Increase
None		

Facilities with Increasing NO_x

Facility	NO _x Emission Increase	NO _x Rate Increase
New Madrid Power Plant, Missouri	7,251 tons (225%)	0.32 lb/mmBtu (342%)

Facilities with Decreasing SO₂

Facility	SO ₂ Emission Decrease	SO ₂ Rate Decrease
Keystone, Pennsylvania	105,815 tons (94%)	1.81 lb/mmBtu (80%)
Monroe, Michigan	82,300 tons (96%)	0.88 lb/mmBtu (94%)
Martin Lake, Texas	61,936 tons (86%)	0.62 lb/mmBtu (78%)
James H Miller Jr, Alabama	61,300 tons (98%)	0.59 lb/mmBtu (98%)
Brunner Island, LLC, Pennsylvania	58,311 tons (99%)	1.45 lb/mmBtu (97%)
E C Gaston, Alabama	53,960 tons (99%)	1.93 lb/mmBtu (98%)
Kyger Creek, Ohio	52,661 tons (93%)	1.58 lb/mmBtu (92%)
Clifty Creek, Indiana	52,076 tons (96%)	1.34 lb/mmBtu (94%)
Rockport, Indiana	51,556 tons (94%)	0.52 lb/mmBtu (81%)
Scherer, Georgia	49,773 tons (98%)	0.55 lb/mmBtu (96%)
Fort Martin Power Station, West Virginia	45,744 tons (96%)	2.21 lb/mmBtu (96%)
Sioux, Missouri	45,177 tons (97%)	1.68 lb/mmBtu (96%)
John E Amos, West Virginia	44,235 tons (91%)	0.64 lb/mmBtu (88%)
Leland Olds, North Dakota	42,306 tons (96%)	1.86 lb/mmBtu (95%)
Brandon Shores, Maryland	31,533 tons (96%)	0.88 lb/mmBtu (90%)
Crystal River, Florida	31,280 tons (92%)	0.78 lb/mmBtu (83%)
Merrimack, New Hampshire	28,682 tons (99%)	2.18 lb/mmBtu (96%)
Wateree, South Carolina	27,768 tons (99%)	1.72 lb/mmBtu (99%)
Sam Seymour, Texas	26,832 tons (97%)	0.44 lb/mmBtu (96%)
J H Campbell, Michigan	26,374 tons (83%)	0.49 lb/mmBtu (80%)
Milton R Young, North Dakota	23,574 tons (92%)	0.86 lb/mmBtu (91%)
Columbia, Wisconsin	22,656 tons (94%)	0.63 lb/mmBtu (92%)
Coal Creek, North Dakota	22,296 tons (78%)	0.44 lb/mmBtu (76%)
Cliffside, North Carolina	21,719 tons (97%)	1.42 lb/mmBtu (98%)
E W Brown, Kentucky	21,413 tons (97%)	2.55 lb/mmBtu (97%)
Barry, Alabama	21,363 tons (99%)	0.79 lb/mmBtu (96%)
Powerton, Illinois	20,732 tons (94%)	0.32 lb/mmBtu (76%)
La Cygne, Kansas	20,408 tons (96%)	0.41 lb/mmBtu (93%)
Daniel Electric Generating Plant, Mississippi	19,785 tons (100%)	0.65 lb/mmBtu (99%)
Gallatin, Tennessee	18,271 tons (93%)	0.55 lb/mmBtu (90%)
Sooner, Oklahoma	18,206 tons (99%)	0.54 lb/mmBtu (97%)
Montour, LLC, Pennsylvania	16,976 tons (97%)	0.34 lb/mmBtu (92%)

Williams, South Carolina	16,634 tons (98%)	0.98 lb/mmBtu (97%)
Kincaid Generating Station, Illinois	15,958 tons (94%)	0.36 lb/mmBtu (80%)
John S. Cooper, Kentucky	15,024 tons (99%)	2.04 lb/mmBtu (97%)
Naughton, Wyoming	14,639 tons (93%)	1.01 lb/mmBtu (91%)
Ottumwa, Iowa	12,797 tons (96%)	0.51 lb/mmBtu (91%)
R M Schahfer Generating Station, Indiana	12,582 tons (97%)	0.47 lb/mmBtu (92%)
Baldwin Energy Complex, Illinois	12,524 tons (84%)	0.31 lb/mmBtu (81%)
Coronado Generating Station, Arizona	11,167 tons (99%)	0.36 lb/mmBtu (99%)
Big Stone, South Dakota	10,927 tons (94%)	0.63 lb/mmBtu (90%)
Herbert A Wagner, Maryland	10,593 tons (99%)	1.02 lb/mmBtu (81%)
J P Madgett, Wisconsin	9,500 tons (95%)	0.64 lb/mmBtu (89%)
Michigan City Generating Station, Indiana	8,990 tons (95%)	0.79 lb/mmBtu (90%)
Boswell Energy Center, Minnesota	8,715 tons (95%)	0.27 lb/mmBtu (93%)
Kingston, Tennessee	7,872 tons (70%)	0.92 lb/mmBtu (85%)
Pawnee, Colorado	7,443 tons (87%)	0.67 lb/mmBtu (89%)
Edgewater (4050), Wisconsin	7,399 tons (95%)	0.65 lb/mmBtu (95%)
Weston, Wisconsin	6,287 tons (91%)	0.24 lb/mmBtu (88%)
South Oak Creek, Wisconsin	6,120 tons (98%)	0.45 lb/mmBtu (98%)
Flint Creek Power Plant, Arkansas	6,118 tons (90%)	0.42 lb/mmBtu (89%)
Deerhaven, Florida	5,767 tons (100%)	0.79 lb/mmBtu (99%)
Nearman Creek, Kansas	5,356 tons (90%)	0.55 lb/mmBtu (81%)
Big Bend, Florida	4,482 tons (98%)	0.27 lb/mmBtu (94%)
Ray D Nixon, Colorado	3,505 tons (89%)	0.38 lb/mmBtu (84%)
Platte, Nebraska	2,332 tons (87%)	0.58 lb/mmBtu (79%)
Apache Station, Arizona	2,021 tons (99%)	0.36 lb/mmBtu (99%)

Facilities with Decreasing NO_x

Facility	NO _x Emission Decrease	NO _x Rate Decrease
Four Corners Steam Elec Station, New Mexico	23,761 tons (90%)	0.43 lb/mmBtu (87%)
Conemaugh, Pennsylvania	17,741 tons (93%)	0.26 lb/mmBtu (79%)
Big Stone, South Dakota	11,026 tons (93%)	0.64 lb/mmBtu (89%)
Hayden, Colorado	6,055 tons (90%)	0.31 lb/mmBtu (86%)
E W Brown, Kentucky	2,392 tons (88%)	0.28 lb/mmBtu (88%)