Facility-Level Emission Changes: 2009-2018

Emissions at facilities included in this analysis either increased or decreased from 2009 to 2018, 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 SO_2 or NO_X.

The analysis includes data submitted to EPA as of February 13, 2019. 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 SO_2

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	11,610 tons (360%)	0.32 lb/mmBtu (345%)

Facilities with Decreasing SO_2

Facility	SO_2 Emission Decrease	SO_2 Rate Decrease
Homer City, Pennsylvania	96,207 tons (95%)	1.64 lb/mmBtu (90%)
Keystone, Pennsylvania	89,187 tons (79%)	1.88 lb/mmBtu (83%)
Monroe, Michigan	82,044 tons (96%)	0.88 lb/mmBtu (95%)
W H Sammis, Ohio	71,478 tons (97%)	1.66 lb/mmBtu (95%)
Scherer, Georgia	68,380 tons (98%)	0.56 lb/mmBtu (98%)
Morgantown, Maryland	68,046 tons (98%)	2.12 lb/mmBtu (95%)
James H Miller Jr, Alabama	61,388 tons (99%)	0.59 lb/mmBtu (99%)
Crystal River, Florida	56,660 tons (84%)	0.94 lb/mmBtu (82%)
Brunner Island, LLC, Pennsylvania	56,599 tons (96%)	1.27 lb/mmBtu (86%)
E C Gaston, Alabama	52,485 tons (96%)	1.86 lb/mmBtu (94%)
Kyger Creek, Ohio	51,427 tons (91%)	1.56 lb/mmBtu (91%)
Clifty Creek, Indiana	49,349 tons (91%)	1.27 lb/mmBtu (89%)
Sioux, Missouri	44,166 tons (95%)	1.68 lb/mmBtu (96%)
John E Amos, West Virginia	43,854 tons (90%)	0.66 lb/mmBtu (90%)
Fort Martin Power Station, West Virginia	42,734 tons (90%)	2.14 lb/mmBtu (93%)
Leland Olds, North Dakota	42,450 tons (96%)	1.87 lb/mmBtu (95%)
Chalk Point, Maryland	40,185 tons (98%)	1.92 lb/mmBtu (94%)
IPL - Petersburg Generating Station, Indiana	33,559 tons (84%)	0.56 lb/mmBtu (81%)
Chesterfield Power Station, Virginia	31,376 tons (97%)	0.69 lb/mmBtu (89%)
E W Brown, Kentucky	31,239 tons (97%)	2.55 lb/mmBtu (97%)
R M Schahfer Generating Station, Indiana	30,970 tons (95%)	0.59 lb/mmBtu (94%)
Cheswick, Pennsylvania	29,365 tons (90%)	1.88 lb/mmBtu (80%)
Brandon Shores, Maryland	29,290 tons (89%)	0.85 lb/mmBtu (87%)
Crist Electric Generating Plant, Florida	28,671 tons (98%)	1.46 lb/mmBtu (97%)
Merrimack, New Hampshire	28,411 tons (99%)	2.16 lb/mmBtu (95%)
Wateree, South Carolina	26,976 tons (96%)	1.68 lb/mmBtu (97%)
J H Campbell, Michigan	26,786 tons (84%)	0.50 lb/mmBtu (80%)
Sam Seymour, Texas	26,207 tons (95%)	0.43 lb/mmBtu (95%)
Dickerson, Maryland	25,516 tons (99%)	2.13 lb/mmBtu (95%)
Milton R Young, North Dakota	22,948 tons (89%)	0.85 lb/mmBtu (89%)
Columbia, Wisconsin	22,066 tons (91%)	0.63 lb/mmBtu (92%)
Baldwin Energy Complex, Illinois	21,841 tons (88%)	0.33 lb/mmBtu (80%)

Coal Creek, North Dakota	21,780 tons (76%)	0.44 lb/mmBtu (76%)
Cliffside, North Carolina	21,134 tons (94%)	1.40 lb/mmBtu (96%)
La Cygne, Kansas	20,763 tons (97%)	0.43 lb/mmBtu (96%)
Mill Creek, Kentucky	20,482 tons (85%)	0.39 lb/mmBtu (82%)
Daniel Electric Generating Plant, Mississippi	19,643 tons (99%)	0.65 lb/mmBtu (98%)
Gallatin, Tennessee	17,832 tons (91%)	0.55 lb/mmBtu (90%)
Williams, South Carolina	16,327 tons (96%)	0.96 lb/mmBtu (96%)
Naughton, Wyoming	16,185 tons (80%)	0.63 lb/mmBtu (80%)
John S. Cooper, Kentucky	15,011 tons (99%)	2.04 lb/mmBtu (98%)
Kincaid Generating Station, Illinois	14,780 tons (87%)	0.36 lb/mmBtu (80%)
R Gallagher, Indiana	13,470 tons (92%)	2.35 lb/mmBtu (76%)
Coffeen, Illinois	13,365 tons (100%)	0.56 lb/mmBtu (100%)
Ottumwa, Iowa	12,083 tons (90%)	0.51 lb/mmBtu (89%)
Gibbons Creek Steam Electric Station, Texas	11,660 tons (98%)	0.64 lb/mmBtu (92%)
Coronado Generating Station, Arizona	11,109 tons (99%)	0.36 lb/mmBtu (98%)
South Oak Creek, Wisconsin	10,754 tons (99%)	0.44 lb/mmBtu (99%)
Big Stone, South Dakota	10,648 tons (91%)	0.63 lb/mmBtu (89%)
Dan E Karn, Michigan	10,620 tons (94%)	0.76 lb/mmBtu (94%)
Asbury, Missouri	10,267 tons (93%)	1.32 lb/mmBtu (89%)
Waukegan, Illinois	10,220 tons (90%)	0.38 lb/mmBtu (75%)
Kingston, Tennessee	9,933 tons (88%)	1.01 lb/mmBtu (93%)
J P Madgett, Wisconsin	9,154 tons (91%)	0.64 lb/mmBtu (89%)
Boswell Energy Center, Minnesota	8,456 tons (92%)	0.27 lb/mmBtu (93%)
Michigan City Generating Station, Indiana	8,433 tons (89%)	0.78 lb/mmBtu (90%)
Edgewater (4050), Wisconsin	7,262 tons (93%)	0.64 lb/mmBtu (93%)
Martin Drake, Colorado	6,711 tons (98%)	0.73 lb/mmBtu (96%)
Pawnee, Colorado	6,672 tons (78%)	0.66 lb/mmBtu (87%)
Weston, Wisconsin	6,215 tons (90%)	0.24 lb/mmBtu (89%)
Genoa, Wisconsin	5,988 tons (93%)	0.68 lb/mmBtu (93%)
Flint Creek Power Plant, Arkansas	5,957 tons (87%)	0.41 lb/mmBtu (87%)
Deerhaven, Florida	5,268 tons (91%)	0.64 lb/mmBtu (81%)
Bailly Generating Station, Indiana	4,850 tons (99%)	0.28 lb/mmBtu (89%)
Lansing, Iowa	4,557 tons (94%)	0.60 lb/mmBtu (92%)
Apache Station, Arizona	4,042 tons (97%)	0.34 lb/mmBtu (96%)
Havana, Illinois	3,952 tons (79%)	0.37 lb/mmBtu (83%)
Ray D Nixon, Colorado	3,527 tons (90%)	0.38 lb/mmBtu (83%)
Platte, Nebraska	2,156 tons (80%)	0.58 lb/mmBtu (79%)

Facilities with Decreasing NO_X

Facility	NO_X Emission Decrease	NO_X Rate Decrease
Lansing, Iowa	2,819 tons (92%)	0.37 lb/mmBtu (89%)
Hayden, Colorado	6,045 tons (90%)	0.31 lb/mmBtu (87%)
Big Stone, South Dakota	10,764 tons (91%)	0.63 lb/mmBtu (89%)
Four Corners Steam Elec Station, New Mexico	21,738 tons (82%)	0.37 lb/mmBtu (76%)