

APPENDIX D

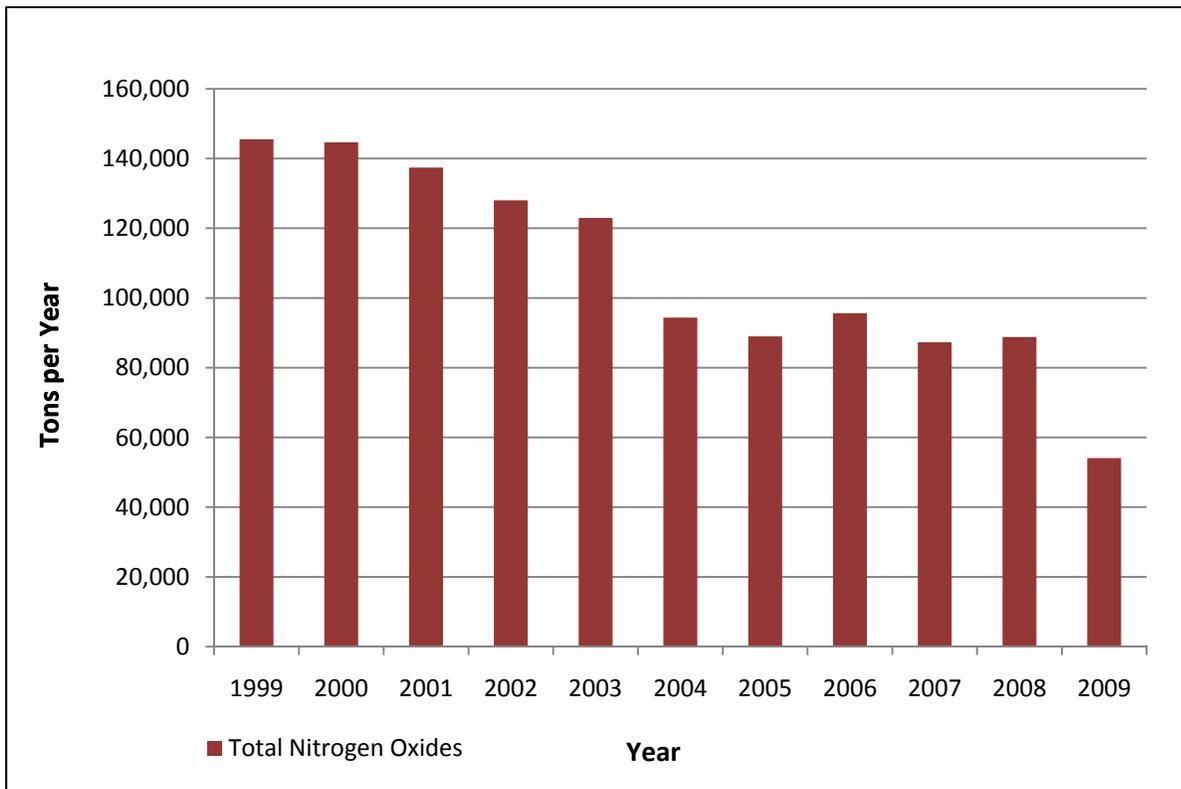
Nitrogen Oxide (NO_x) and Sulfur Dioxide (SO₂) Emissions from Electric Generating Units, Southwestern Indiana Area

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Southwestern Indiana NO_x Emissions from EGUs

Year	Total Nitrogen Oxides Emissions, tons/year
1999	145,539.0
2000	144,669.8
2001	137,430.8
2002	128,010.7
2003	122,978.7
2004	94,379.5
2005	88,986.1
2006	95,647.1
2007	87,284.2
2008	88,823.8
2009	54,067.6

Southwestern Indiana NO_x Emissions from EGUs



**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
1999**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	8,215.8
Alcoa Allowance Management Inc	18,391.4
F B Culley Generating Station	7,670.0
Frank E Ratts	3,668.5
Gibson	49,450.5
Petersburg	20,196.7
Rockport	37,946.1
Total	145,539.0

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2000**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	6,864.4
Alcoa Allowance Management Inc	18,150.9
F B Culley Generating Station	7,826.6
Frank E Ratts	4,522.4
Gibson	47,817.9
Petersburg	22,493.2
Rockport	36,994.4
Total	144,669.8

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2001**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	7,251.6
Alcoa Allowance Management Inc	17,227.7
F B Culley Generating Station	6,542.0
Frank E Ratts	4,631.0
Gibson	44,059.8
Petersburg	22,721.8
Rockport	34,996.9
Total	137,430.8

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2002**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	7,399.7
Alcoa Allowance Management Inc	17,550.1
F B Culley Generating Station	6,318.4
Frank E Ratts	4,012.3
Gibson	38,241.0
Petersburg	20,246.5
Rockport	34,242.7
Total	128,010.7

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2003**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	6,772.7
Alcoa Allowance Management Inc	15,721.0
F B Culley Generating Station	4,703.8
Frank E Ratts	3,723.2
Gibson	38,416.4
Petersburg	18,268.0
Rockport	35,373.6
Total	122,978.7

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2004**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	5,318.8
Alcoa Allowance Management Inc	11,872.9
F B Culley Generating Station	3,337.4
Frank E Ratts	3,801.1
Gibson	36,850.2
Petersburg	14,858.3
Rockport	18,340.8
Total	94,379.5

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2005**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	5,103.0
Alcoa Allowance Management Inc	10,879.3
F B Culley Generating Station	3,371.3
Frank E Ratts	2,705.5
Gibson	30,283.8
Petersburg	15,520.9
Rockport	21,122.3
Total	88,986.1

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2006**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	4,882.7
Alcoa Allowance Management Inc	10,363.7
F B Culley Generating Station	3,212.5
Frank E Ratts	4,119.0
Gibson	28,532.8
Petersburg	16,412.7
Rockport	28,123.7
Total	95,647.1

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2007**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	4,755.9
Alcoa Allowance Management Inc	9,414.2
F B Culley Generating Station	2,441.5
Frank E Ratts	4,829.2
Gibson	30,022.2
Petersburg	16,529.5
Rockport	19,291.7
Total	87,284.2

**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2008**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	5,391.9
Alcoa Allowance Management Inc	9,166.0
F B Culley Generating Station	2,474.6
Frank E Ratts	3,484.1
Gibson	29,549.3
Petersburg	15,798.6
Rockport	22,959.3
Total	88,823.8

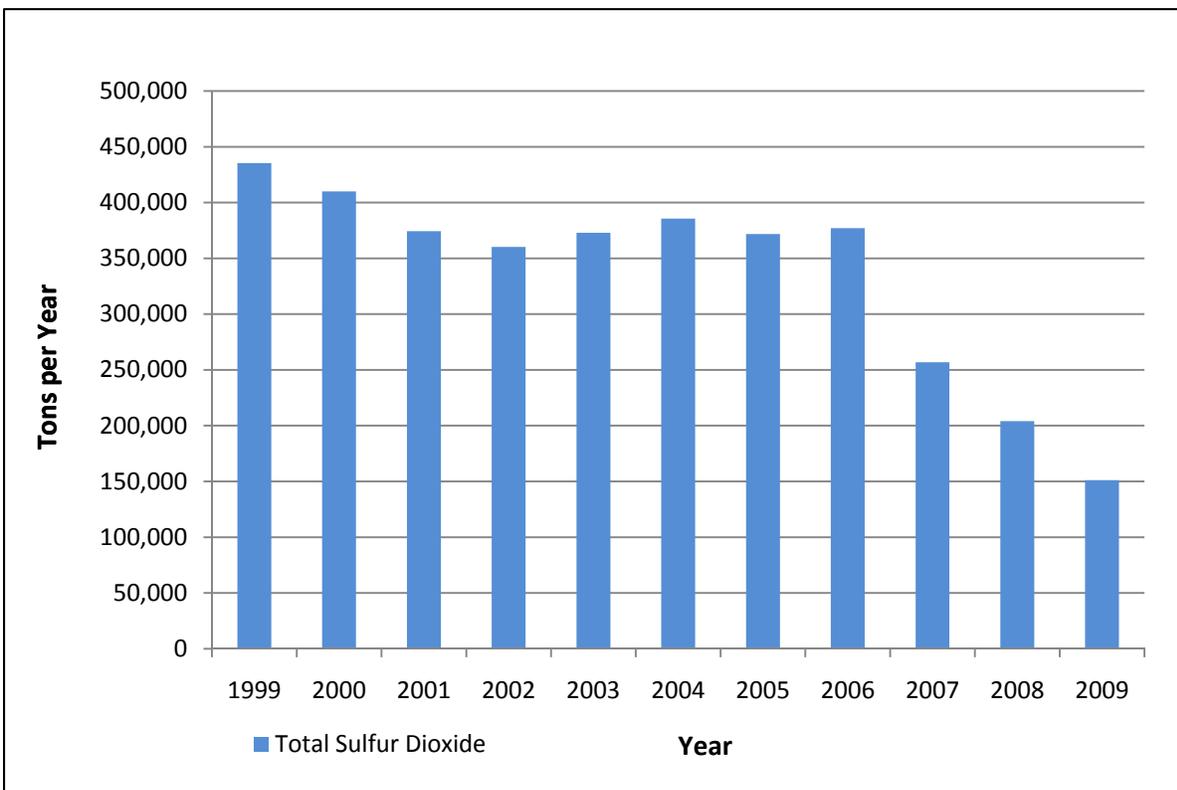
**Southwestern Indiana Entire Nonattainment Area NO_x Emissions from EGUs
2009**

Facility	Nitrogen Oxides Emissions (Tons/Year)
A B Brown Generating Station	1,720.9
Alcoa Allowance Management Inc	9,912.4
F B Culley Generating Station	1,021.4
Frank E Ratts	2,424.1
Gibson	9,568.6
Petersburg	9,658.0
Rockport	19,762.2
Total	54,067.6

Southwestern Indiana SO₂ Emissions from EGUs

Year	Total Sulfur Dioxide Emissions, tons/year
1999	435,359.1
2000	409,986.3
2001	374,391.4
2002	360,294.1
2003	372,978.1
2004	385,681.7
2005	371,728.4
2006	377,035.8
2007	256,811.4
2008	204,019.5
2009	151,125.7

Southwestern Indiana SO₂ Emissions from EGUs



**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
1999**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	11,253.0
Alcoa Allowance Management Inc	119,655.4
F B Culley Generating Station	11,329.3
Frank E Ratts	17,180.2
Gibson	158,900.9
Petersburg	50,195.8
Rockport	66,844.5
Total	435,359.1

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2000**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	6,863.1
Alcoa Allowance Management Inc	91,386.5
F B Culley Generating Station	11,737.3
Frank E Ratts	23,050.2
Gibson	171,504.7
Petersburg	42,055.7
Rockport	63,388.8
Total	409,986.3

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2001**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	7,592.5
Alcoa Allowance Management Inc	87,885.2
F B Culley Generating Station	9,795.1
Frank E Ratts	21,423.2
Gibson	148,330.7
Petersburg	41,999.5
Rockport	57,365.2
Total	374,391.4

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2002**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	8,638.5
Alcoa Allowance Management Inc	98,777.4
F B Culley Generating Station	7,118.8
Frank E Ratts	18,055.0
Gibson	127,356.5
Petersburg	47,152.1
Rockport	53,195.8
Total	360,294.1

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2003**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	8,218.9
Alcoa Allowance Management Inc	108,676.8
F B Culley Generating Station	5,846.5
Frank E Ratts	17,602.9
Gibson	136,536.3
Petersburg	42,535.6
Rockport	53,561.1
Total	372,978.1

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2004**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	8,234.5
Alcoa Allowance Management Inc	106,124.3
F B Culley Generating Station	5,586.1
Frank E Ratts	18,251.2
Gibson	164,121.2
Petersburg	38,738.4
Rockport	44,626.0
Total	385,681.7

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2005**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	9,038.9
Alcoa Allowance Management Inc	82,961.6
F B Culley Generating Station	5,511.4
Frank E Ratts	15,123.8
Gibson	154,234.6
Petersburg	37,652.9
Rockport	67,205.2
Total	371,728.4

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2006**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	8,956.2
Alcoa Allowance Management Inc	72,858.6
F B Culley Generating Station	5,997.8
Frank E Ratts	21,638.3
Gibson	155,056.8
Petersburg	28,984.7
Rockport	83,543.4
Total	377,035.8

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2007**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	8,743.7
Alcoa Allowance Management Inc	78,824.6
F B Culley Generating Station	3,676.8
Frank E Ratts	21,286.4
Gibson	72,947.0
Petersburg	22,499.7
Rockport	48,833.2
Total	256,811.4

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2008**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	10,001.7
Alcoa Allowance Management Inc	59,731.1
F B Culley Generating Station	3,943.2
Frank E Ratts	27,334.3
Gibson	20,526.7
Petersburg	22,431.1
Rockport	60,051.4
Total	204,019.5

**Southwestern Indiana Entire Nonattainment Area SO₂ Emissions from EGUs
2009**

Facility	Sulfur Dioxide Emissions (Tons/Year)
A B Brown Generating Station	5,778.0
Alcoa Allowance Management Inc	3,482.2
F B Culley Generating Station	2,050.9
Frank E Ratts	23,947.6
Gibson	20,942.0
Petersburg	40,129.1
Rockport	54,795.9
Total	151,125.7