

Nitrogen-oxide pollution in Illinois resulting from increased electricity generation from coal-fired power plants.

Facility	Utility	County	Increase in Generation since 1992	Pollution* (tons NOx)	Pollution Equivalent in Cars**
Powerton	Edison Mission Energy	Tazewell, IL	194.6 %	18,365	895,875
Will County	Edison Mission Energy	Will, IL	123.5 %	8,626	420,821
Baldwin	Illinois Power Co	Randolph, IL	14.8 %	8,258	402,848
Waukegan	Edison Mission Energy	Lake, IL	199.7 %	7,124	347,554
Joliet 29	Edison Mission Energy	Will, IL	126.1 %	6,337	309,149
Marion	Southern Illinois Power Coop	Williamson, IL	80.0 %	5,078	247,712
Joliet 9	Edison Mission Energy	Will, IL	252.0 %	4,976	242,740
Kincaid	Dominion Energy	Christian, IL	16.1 %	4,401	214,699
Crawford	Edison Mission Energy	Cook, IL	347.7 %	3,628	177,014
Newton	Central Illinois Pub Serv Co	Jasper, IL	48.0 %	3,339	162,925
Wood River	Illinois Power Co	Madison, IL	59.1 %	2,828	137,984
Havana	Illinois Power Co	Mason, IL	94.2 %	2,435	118,787
Fisk	Edison Mission Energy	Cook, IL	163.8 %	1,857	90,593
E D Edwards	Central Illinois Light Co	Peoria, IL	12.8 %	1,476	72,002
Hennepin	Illinois Power Co	Putnam, IL	33.8 %	1,278	62,351
Dallman	Springfield City of	Sangamon, IL	15.6 %	1,044	50,974
Joppa Steam	Electric Energy Inc	Massac, IL	8.2 %	916	44,703
Meredosia	Central Illinois Pub Serv Co	Morgan, IL	24.8 %	833	40,644
Grand Tower	Central Illinois Pub Serv Co	Jackson, IL	68.5 %	787	38,430
Vermilion	Illinois Power Co	Vermilion, IL	45.5 %	491	23,970
Lakeside	Springfield City of	Sangamon, IL	24.9 %	242	11,813
Hutsonville	Central Illinois Pub Serv Co	Crawford, IL	15.1 %	162	7,923
Duck Creek	Central Illinois Light Co	Fulton, IL	0.8 %	65	3,186
Pearl Station	Soyland Power Coop Inc	Pike, IL	-13.5 %	-114	-5,604
Coffeen	Central Illinois Pub Serv Co	Montgomery, IL	-14.9 %	-4,724	-230,449
Total				79,715	3,888,536

* Pollution caused by increased generation is calculated by applying NOx emission rates from 1997 or 1996 to increased generation at plant (see Appendix 1).

** EPA Office of Mobile Sources Assessment and Modeling Division. Based on average in-use passenger fuel economy and emission rates.

Source: Environmental Working Group. Compiled from DOE/EIA form 759 and 860 database (1992-1998), EPA 1997 ETS database, EPA 1996 E-GRID database.

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Carbon dioxide pollution in Illinois resulting from increased electricity generation from coal-fired power plants.

Facility	Utility	County	Increase in Generation since 1992	Pollution* (tons CO ₂)	Pollution Equivalent in Cars**
Powerton	Edison Mission Energy	Tazewell, IL	194.6 %	4,102,331	612,416
Waukegan	Edison Mission Energy	Lake, IL	199.7 %	3,229,516	482,118
Joliet 29	Edison Mission Energy	Will, IL	126.1 %	3,228,907	482,027
Will County	Edison Mission Energy	Will, IL	123.5 %	3,150,500	470,322
Newton	Central Illinois Pub Serv Co	Jasper, IL	48.0 %	2,074,535	309,696
Crawford	Edison Mission Energy	Cook, IL	347.7 %	2,030,826	303,171
Baldwin	Illinois Power Co	Randolph, IL	14.8 %	1,386,547	206,990
Havana	Illinois Power Co	Mason, IL	94.2 %	1,203,153	179,612
Joliet 9	Edison Mission Energy	Will, IL	252.0 %	1,138,962	170,029
Fisk	Edison Mission Energy	Cook, IL	163.8 %	1,099,609	164,155
Wood River	Illinois Power Co	Madison, IL	59.1 %	1,023,141	152,739
Marion	Southern Illinois Power Coop	Williamson, IL	80.0 %	931,451	139,051
Joppa Steam	Electric Energy Inc	Massac, IL	8.2 %	726,002	108,381
Kincaid	Dominion Energy	Christian, IL	16.1 %	704,732	105,205
Hennepin	Illinois Power Co	Putnam, IL	33.8 %	512,559	76,517
E D Edwards	Central Illinois Light Co	Peoria, IL	12.8 %	450,853	67,305
Dallman	Springfield City of	Sangamon, IL	15.6 %	341,460	50,974
Meredosia	Central Illinois Pub Serv Co	Morgan, IL	24.8 %	279,738	41,760
Grand Tower	Central Illinois Pub Serv Co	Jackson, IL	68.5 %	244,115	36,442
Vermilion	Illinois Power Co	Vermilion, IL	45.5 %	241,450	36,044
Hutsonville	Central Illinois Pub Serv Co	Crawford, IL	15.1 %	61,300	9,151
Lakeside	Springfield City of	Sangamon, IL	24.9 %	59,754	8,920
Duck Creek	Central Illinois Light Co	Fulton, IL	0.8 %	19,571	2,921
Pearl Station	Soyland Power Coop Inc	Pike, IL	-13.5 %	-33,128	-4,945
Coffeen	Central Illinois Pub Serv Co	Montgomery, IL	-14.9 %	-738,379	-110,228
Total				27,469,516	4,100,784

* Pollution caused by increased generation is calculated by applying CO₂ emission rates from 1997 or 1996 to increased generation for plant (see Appendix 1).

** Based on average in-use passenger fuel economy and emission rates (see Appendix 1).

Source: Environmental Working Group. DOE/EIA form 759 and 860 database (1992-1998), EPA 1997 ETS database, EPA 1996 E-GRID database.

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