

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Illinois		
NERC Region(s).....		RFC/SERC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	42,289	5
Electric Utilities.....	4,742	34
Independent Power Producers & Combined Heat and Power.....	37,547	3
Net Generation (megawatthours).....	192,426,958	5
Electric Utilities.....	11,094,235	35
Independent Power Producers & Combined Heat and Power.....	181,332,723	3
Emissions (thousand metric tons)		
Sulfur Dioxide	309	12
Nitrogen Oxide.....	122	9
Carbon Dioxide.....	99,479	6
Sulfur Dioxide (lbs/MWh)	3.5	28
Nitrogen Oxide (lbs/MWh)	1.4	38
Carbon Dioxide (lbs/MWh).....	1,140	37
Total Retail Sales (megawatthours).....	142,447,811	6
Full Service Provider Sales (megawatthours)	115,937,725	8
Deregulated Sales (megawatthours)	26,510,086	2
Direct Use (megawatthours)	3,606,139	9
Average Retail Price (cents/kWh).....	7.07	31

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Illinois			
1. Braidwood Generation Station	Nuclear	Exelon Generation Co LLC	2,330
2. Byron Generating Station	Nuclear	Exelon Generation Co LLC	2,300
3. LaSalle Generating Station.....	Nuclear	Exelon Generation Co LLC	2,238
4. Baldwin Energy Complex	Coal	Dynegy Midwest Generation Inc	1,764
5. Dresden Generating Station.....	Nuclear	Exelon Generation Co LLC	1,734
5. Quad Cities Generating Station	Nuclear	Exelon Generation Co LLC	1,734
7. Powerton.....	Coal	Midwest Generations EME LLC	1,538
8. Elwood Energy LLC.....	Gas	Dominion Elwood Services Co	1,350
9. Kincaid Generation LLC	Coal	Dominion Energy Services Co	1,168
10. Kendall County Generation Facility.....	Gas	LSP-Kendall Energy LLC	1,140

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Commonwealth Edison Co.....	Investor-Owned	69,775,911	28,330,120	28,354,240	12,593,787	497,764
2. Illinois Power Co.....	Investor-Owned	16,662,603	5,658,054	5,910,884	5,093,577	88
3. Central Illinois Pub Serv Co.....	Investor-Owned	12,129,065	3,783,958	4,096,416	4,227,558	21,133
4. Constellation NewEnergy, Inc.....	Other Provider	8,553,010	-	1,978,535	6,574,475	-
5. Exelon Energy Company.....	Other Provider	6,360,958	-	6,360,958	-	-
Total Sales, Top Five Providers		113,481,547	37,772,132	46,701,033	28,489,397	518,985
Percent of Total State Sales		80	81	92	63	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Illinois										
Electric Utilities.....	32,602	33,139	4,420	4,151	3,007	2,994	3,987^R	4,742	98.3	11.2
Coal.....	14,912	14,916	2,862	2,862	1,866	1,859	1,844	1,844	45.0	4.4
Petroleum.....	4,480 ^R	2,645 ^R	700	406	368	401	399	399	13.5	0.9
Natural Gas.....	591 ^R	2,963 ^R	846	871	761	722	1,729 ^R	2,485	1.8	5.9
Nuclear.....	12,609	12,609	-	-	-	-	-	-	38.0	-
Hydroelectric.....	10	6	12	12	12	12	13 ^R	13	*	*
Other Renewables.....	-	-	-	-	-	-	2	2	-	*
Independent Power Producers and Combined Heat and Power	548	693	35,648	40,558	42,534	39,038	38,542^R	37,547	1.7	88.8
Coal.....	266	352	12,937	12,792	13,795	13,832	13,945	13,887	0.8	32.8
Petroleum.....	10	2	1,016	1,013	930	754	754	744	*	1.8
Natural Gas.....	193	241	10,511	15,240	16,071	12,800	12,138 ^R	11,220	0.6	26.5
Other Gases.....	45	50	33	40	40	47	47	47	0.1	0.1
Nuclear.....	-	-	10,963	11,312	11,465	11,379	11,388	11,379	-	26.9
Hydroelectric.....	17	18	23	9	21	21	20 ^R	20	0.1	*
Other Renewables.....	18	31	125 ^R	135 ^R	193 ^R	184 ^R	231 ^R	230	0.1	0.5
Other.....	-	-	40 ^R	19 ^R	20 ^R	20 ^R	20 ^R	20	-	*
Total Electric Industry.....	33,151	33,832	40,068	44,709	45,541	42,032	42,530	42,289	100.0	100.0
Coal.....	15,178	15,268	15,799	15,654	15,661	15,691	15,789	15,731	45.8	37.2
Petroleum.....	4,490 ^R	2,647 ^R	1,716	1,418	1,298	1,155	1,154	1,143	13.5	2.7
Natural Gas.....	785 ^R	3,204 ^R	11,357	16,111	16,832	13,522	13,867	13,705	2.4	32.4
Other Gases.....	45	50	33	40	40	47	47	47	0.1	0.1
Nuclear.....	12,609	12,609	10,963	11,312	11,465	11,379	11,388	11,379	38.0	26.9
Hydroelectric.....	26	24	35	21	33	33	33	33	0.1	0.1
Other Renewables.....	18	31	125 ^R	135 ^R	193 ^R	184 ^R	232 ^R	231	0.1	0.5
Other.....	-	-	40 ^R	19 ^R	20 ^R	20 ^R	20 ^R	20	-	*

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Illinois										
Electric Utilities.....	126,977,389	145,165,161	29,835,014	17,149,913	9,563,746	19,184,751	10,767,684	11,094,235	98.1	5.8
Coal.....	53,865,768	62,735,936	29,124,508	16,897,445	9,390,702	18,923,288	10,103,378	10,622,870	41.6	5.5
Petroleum.....	422,553	888,462	99,445	34,464	48,792	120,725	137,746	45,626	0.3	*
Natural Gas.....	740,926	2,944,310	546,305	161,134	53,174	62,240	456,421	325,382	0.6	0.2
Nuclear.....	71,887,302	78,480,848	-	-	-	-	-	-	55.6	-
Hydroelectric.....	60,840	47,699	56,802	56,870	71,078	72,165	61,879	84,682	*	*
Other Renewables.....	-	67,906	4,534	-	-	6,333	8,260	15,675	-	*
Other.....	-	-	3,420	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	2,415,082	3,492,770	149,414,271	170,904,536	179,491,514	172,773,028	183,352,462	181,332,723	1.9	94.2
Coal.....	1,100,250	1,679,894	50,426,129	69,787,902	78,590,647	75,462,185	82,160,894	81,009,107	0.9	42.1
Petroleum.....	16,031	34,042	1,406,560	188,219	1,072,125	629,926	188,278	88,657	*	*
Natural Gas.....	678,965	1,030,068	4,059,988	8,917,601	3,849,288	3,314,532	6,659,888	4,979,794	0.5	2.6
Other Gases.....	381,562	396,906	355,776	232,850	203,627	290,522	198,788 ^R	140,890	0.3	0.1
Nuclear.....	-	-	92,358,477	90,860,108	94,733,036	92,047,323	93,263,001	94,154,140	-	48.9
Hydroelectric.....	83,086	76,237	87,225	71,952	67,422	81,364	67,158	88,590	0.1	*
Other Renewables.....	155,188	275,623	674,036	723,508	818,951	815,536	774,663 ^R	833,178	0.1	0.4
Other.....	-	-	46,080	122,396	156,418	131,640	39,792	38,366	-	*
Total Electric Industry.....	129,392,471	148,657,931	179,249,285	188,054,449	189,055,260	191,957,779	194,120,146	192,426,958	100.0	100.0
Coal.....	54,966,018	64,415,830	79,550,637	86,685,347	87,981,349	94,385,473	92,264,272	91,631,977	42.5	47.6
Petroleum.....	438,584	922,504	1,506,005	222,683	1,120,917	750,651	326,024	134,283	0.3	0.1
Natural Gas.....	1,419,891	3,974,378	4,606,293	9,078,735	3,902,462	3,376,772	7,116,309	5,305,176	1.1	2.8
Other Gases.....	381,562	396,906	355,776	232,850	203,627	290,522	198,788 ^R	140,890	0.3	0.1
Nuclear.....	71,887,302	78,480,848	92,358,477	90,860,108	94,733,036	92,047,323	93,263,001	94,154,140	55.6	48.9
Hydroelectric.....	143,926	123,936	144,027	128,822	138,500	153,529	129,037	173,272	0.1	0.1
Other Renewables.....	155,188	343,529	678,569	723,508	818,951	821,869	782,923 ^R	848,853	0.1	0.4
Other.....	-	-	49,501	122,396	156,418	131,640	39,792	38,366	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Illinois								
Coal (cents per million Btu)	175	163	119	119	116	115	119	126
Average heat value (Btu per pound)	10,789	9,970	9,555	9,253	9,176	9,120	9,015	8,937
Average sulfur Content (percent)	2.07	1.14	1.10	0.70	0.66	0.65	0.62	0.53
Petroleum (cents per million Btu)	395	232	579	524	540	464	1,286	1,465
Average heat value (Btu per gallon)	148,831	124,129	153,333	140,345	147,876	143,595	137,405	141,102
Average sulfur Content (percent)	0.62	1.80	0.27	0.15	0.48	1.91	0.72	0.23
Natural Gas (cents per million Btu)	267	168	368	343	567	638	873	717
Average heat value (Btu per cubic foot)	1,021	1,016	1,010	1,022	1,016	1,013	1,019	1,021

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Illinois								
Sulfur Dioxide								
Coal.....	845	599	402	367	369	384	351	308
Petroleum.....	4	13	7	1	4	2	1	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	-	*	*	1	1	1	*	*
Total.....	849	612	409	369	374	387	351	309
Nitrogen Oxide								
Coal.....	330	373	188	164	137	136	121	113
Petroleum.....	1	2	2	*	2	1	*	*
Natural Gas.....	4	7	8	9	6	6	4	5
Other.....	1	2	7	6	6	6	6	4
Total.....	336	384	205	179	151	149	131	122
Carbon Dioxide								
Coal.....	57,617	68,051	87,039	90,004	90,908	97,791	96,292	96,197
Petroleum.....	1,064	1,100	1,523	211	1,111	794	358	138
Natural Gas.....	1,344	3,458	3,162	5,285	2,778	2,528	4,077	3,069
Other Renewables.....	-	113	71	129	160	134	63	76
Total.....	60,024	72,723	91,795	95,629	94,957	101,246	100,791	99,479

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Illinois										
Retail Sales (thousand megawatthours)										
Residential.....	32,871	38,386	41,820	45,030	43,161	43,443	48,593	46,381	29.5	32.6
Commercial.....	31,734	37,217	43,135	44,244	49,561	47,358	49,977	50,631	28.4	35.5
Industrial.....	39,299	42,251	40,780	39,288	43,042	48,008	45,888	44,916	35.2	31.5
Other.....	7,672	8,377	10,298	9,886	NA	NA	NA	NA	6.9	NA
Transportation.....	NA	NA	NA	NA	484	445	528	519	NA	0.4
All Sectors.....	111,577	126,231	136,034	138,447	136,248	139,254	144,986	142,448	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	3,260	3,982	3,645	3,778	3,616	3,638	4,055	3,907	39.0	38.8
Commercial.....	2,465	2,933	3,194	3,326	3,618	3,570	3,875	4,025	29.5	40.0
Industrial.....	2,122	2,227	1,896	1,920	2,092	2,232	2,115	2,106	25.4	20.9
Other.....	514	570	656	581	NA	NA	NA	NA	6.1	NA
Transportation.....	NA	NA	NA	NA	28	25	30	29	NA	0.3
All Sectors.....	8,361	9,712	9,391	9,605	9,353	9,465	10,074	10,067	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.92	10.37	8.71	8.39	8.38	8.37	8.34	8.42	NA	NA
Commercial.....	7.77	7.88	7.40	7.52	7.30	7.54	7.75	7.95	NA	NA
Industrial.....	5.40	5.27	4.65	4.89	4.86	4.65	4.61	4.69	NA	NA
Other.....	6.70	6.80	6.37	5.88	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	5.87	5.70	5.61	5.59	NA	NA
All Sectors.....	7.49	7.69	6.90	6.94	6.86	6.80	6.95	7.07	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	8	41	NA	27	NA	12	5	93
Number of Retail Customers	5,054,110	261,602	NA	268,868	NA	10,948	NA	5,595,528
Retail Sales (thousand megawatthours)	103,954	6,917	NA	5,066	NA	26,510	NA	142,448
Percentage of Retail Sales	72.98	4.86	NA	3.56	NA	18.61	NA	100.00
Revenue from Retail Sales (million dollars)	7,602	485	NA	473	NA	1,186	322	10,067
Percentage of Revenue	75.51	4.81	NA	4.70	NA	11.78	3.20	100.00
Average Retail Price (cents/kWh)	7.19	7.01	NA	9.33	NA	4.47	1.21	7.07

Table 9 Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Illinois								
Supply								
Generation								
Electric Utilities	126,977	145,165	29,835	17,150	9,564	19,185	10,768	11,094
Independent Power Producers	210	280	145,621	166,769	175,640	168,824	179,260	177,412
Combined Heat and Power, Electric	38	34	833	863	582	551	618	593
Electric Power Sector Generation Subtotal	127,225	145,479	176,289	184,782	185,786	188,560	190,646	189,099
Combined Heat and Power, Commercial	70	288	248	390	301	579	506	498
Combined Heat and Power, Industrial	2,098	2,891	2,713	2,882	2,968	2,819	2,969	2,830
Industrial and Commercial Generation Subtotal	2,168	3,179	2,961	3,272	3,270	3,398	3,474	3,328
Total Net Generation	129,392	148,658	179,249	188,054	189,055	191,958	194,120	192,427
Total International Imports	-	-	-	-	-	2	1	-
Total Supply	129,392	148,658	179,249	188,054	189,055	191,960	194,121	192,427
Disposition								
Retail Sales								
Full Service Providers	111,577	126,231	124,264	121,879	114,604	111,671	117,048	115,938
Energy-Only Providers	-	-	11,770	16,568	21,177	27,067	27,938	26,510
Facility Direct Retail Sales	-	-	-	-	466	516	-	-
Total Electric Industry Retail Sales	111,577	126,231	136,034	138,447	136,248	139,254	144,986	142,448
Direct Use	2,174	3,202	4,132	4,222	4,276	4,280	3,568	3,606
Total International Exports	-	-	-	125	160	18	19	*
Estimated Losses	8,366	9,583	7,188	9,755	8,166	9,547	11,114	11,159
Total Disposition	122,116	139,016	147,354	152,549	148,850	153,099	159,687	157,214
Net Interstate Trade	7,276	9,642	31,895	35,505	40,206	38,861	34,434	35,213
Net Trade Index (ratio)	1.06	1.07	1.22	1.23	1.27	1.25	1.22	1.22

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *.)

Totals may not equal sum of components because of independent rounding.

Table 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable waste.

Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.