

Table 1. Summary Renewable Electric Power Industry Statistics (2007)

Illinois

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	42,731	100.0
Total Net Summer Renewable Capacity	916	2.1
Geothermal	-	-
Hydro Conventional	33	0.1
Solar	-	-
Wind	740	1.7
Wood/Wood Waste	-	-
MSW/Landfill Gas	131	0.3
Other Biomass	13	*
<u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	200,261	100.0
Total Renewable Net Generation	1,438	0.7
Geothermal	-	-
Hydro Conventional	154	0.1
Solar	-	-
Wind	664	0.3
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	603	0.3
Other Biomass	17	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)

Illinois

Energy Source	2003	2004	2005	2006	2007
Fossil	33,831	30,416	30,856	30,626	30,435
Coal	15,661	15,691	15,789	15,731	15,582
Petroleum	1,298	1,155	1,154	1,143	1,097
Natural Gas	16,832	13,522	13,867	13,705	13,709
Other Gases	40	47	47	47	47
Nuclear	11,465	11,379	11,388	11,379	11,379
Renewables	226	217	265	264	916
Pumped Storage	-	-	-	-	-
Other	20	20	20	20	-
Total	45,541	42,032	42,530	42,289	42,731

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)

Illinois

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	33	33	33	33	33
Solar	-	-	-	-	-
Wind	50	50	105	105	740
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	115	106	100	111	131
Other Biomass	28	28	28	15	13
Total	226	217	265	264	916

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2003 - 2007
(Thousand Megawatthours)**

Illinois

Energy Source	2003	2004	2005	2006	2007
Fossil	93,208	98,803	99,905	97,212	103,072
Coal	87,981	94,402	92,265	91,649	95,265
Petroleum	1,121	762	327	136	132
Natural Gas	3,902	3,393	7,114	5,279	7,542
Other Gases	204	246	199	149	134
Nuclear	94,733	92,047	93,263	94,154	95,729
Renewables	957	976	912	1,022	1,438
Pumped Storage	-	-	-	-	-
Other	156	132	40	38	21
Total	189,055	191,958	194,120	192,427	200,261

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2003 - 2007
(Thousand Megawatthours)**

Illinois

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	139	154	129	173	154
Solar	-	-	-	-	-
Wind	18	78	141	255	664
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	670	607	593	582	603
Other Biomass	131	137	48	12	17
Total	957	976	912	1,022	1,438

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."