

Table 1. Summary Renewable Electric Power Industry Statistics (2010)**Illinois**

Primary Renewable Energy Capacity Source	Wind
Primary Renewable Energy Generation Source	Wind

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	44,127	100.0
Total Net Summer Renewable Capacity	2,112	4.8
Geothermal	-	-
Hydro Conventional	34	0.1
Solar	9	*
Wind	1,946	4.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	123	0.3
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	201,352	100.0
Total Renewable Net Generation	5,257	2.6
Geothermal	-	-
Hydro Conventional	119	0.1
Solar	14	*
Wind	4,454	2.2
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	670	0.3
Other Biomass	s	*

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)**Illinois**

Energy Source	2006	2007	2008	2009	2010
Fossil	30,626	30,435	30,662	30,795	30,554
Coal	15,731	15,582	15,653	15,852	15,551
Petroleum	1,143	1,097	1,099	1,090	1,106
Natural Gas	13,705	13,709	13,870	13,806	13,771
Other Gases	47	47	40	47	125
Nuclear	11,379	11,379	11,379	11,441	11,441
Renewables	264	916	1,145	1,777	2,112
Pumped Storage	-	-	-	-	-
Other	20	-	20	20	20
Total	42,289	42,731	43,206	44,033	44,127

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)

Illinois

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	33	33	34	34	34
Solar	-	-	-	9	9
Wind	105	740	962	1,596	1,946
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	111	131	150	139	123
Other Biomass	15	13	-	-	-
Total	264	916	1,145	1,777	2,112

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)****Illinois**

Energy Source	2006	2007	2008	2009	2010
Fossil	97,212	103,072	101,101	94,662	99,605
Coal	91,649	95,265	96,644	89,967	93,611
Petroleum	136	132	143	113	110
Natural Gas	5,279	7,542	4,260	4,495	5,724
Other Gases	149	134	54	88	161
Nuclear	94,154	95,729	95,152	95,474	96,190
Renewables	1,022	1,438	3,174	3,666	5,257
Pumped Storage	-	-	-	-	-
Other	38	21	49	62	300
Total	192,427	200,261	199,475	193,864	201,352

- = 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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)**

Illinois

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	173	154	139	136	119
Solar	-	-	-	s	14
Wind	255	664	2,337	2,820	4,454
Wood/Wood Waste	-	-	1	s	s
MSW Biogenic/Landfill Gas	582	603	697	709	670
Other Biomass	12	17	s	1	s
Total	1,022	1,438	3,174	3,666	5,257

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = 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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.