

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

Ohio

Primary Renewable Energy Capacity Source Hydro Conventional
 Primary Renewable Energy Generation Source Hydro Conventional

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	33,755	100.0
Total Net Summer Renewable Capacity	213	0.6
Geothermal	-	-
Hydro Conventional	101	0.3
Solar	-	-
Wind	7	*
Wood/Wood Waste	64	0.2
MSW/Landfill Gas	41	0.1
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	155,156	100.0
Total Renewable Net Generation	846	0.5
Geothermal	-	-
Hydro Conventional	410	0.3
Solar	-	-
Wind	15	*
Wood/Wood Waste	399	0.3
MSW Biogenic/Landfill Gas	11	*
Other Biomass	10	*

* = 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)

Ohio

Energy Source	2003	2004	2005	2006	2007
Fossil	31,679	31,756	31,627	31,582	31,418
Coal	22,352	22,412	22,313	22,264	22,074
Petroleum	1,066	1,057	1,057	1,057	1,075
Natural Gas	8,180	8,187	8,157	8,161	8,169
Other Gases	81	100	100	100	100
Nuclear	2,108	2,108	2,108	2,120	2,124
Renewables	273	186	135	175	213
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	34,060	34,050	33,870	33,877	33,755

- = 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)

Ohio

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	162	122	101	101	101
Solar	-	-	-	-	-
Wind	4	7	7	7	7
Wood/Wood Waste	14	54	24	64	64
MSW/Landfill Gas	94	4	4	4	41
Other Biomass	-	-	-	-	-
Total	273	186	135	175	213

- = 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)**

Ohio

Energy Source	2003	2004	2005	2006	2007
Fossil	137,185	131,238	141,210	137,494	138,543
Coal	134,769	128,157	136,826	133,400	133,131
Petroleum	410	1,388	1,390	1,355	1,148
Natural Gas	1,794	1,391	2,696	2,379	3,975
Other Gases	213	302	298	360	289
Nuclear	8,475	15,950	14,803	16,847	15,764
Renewables	952	1,158	961	1,091	846
Pumped Storage	-	-	-	-	-
Other	26	s	2	3	3
Total	146,638	148,346	156,976	155,434	155,156

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

- = 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)**

Ohio

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	511	730	516	632	410
Solar	-	-	-	-	-
Wind	-	-	13	14	15
Wood/Wood Waste	407	398	406	410	399
MSW Biogenic/Landfill Gas	27	26	23	24	11
Other Biomass	6	4	4	10	10
Total	952	1,158	961	1,091	846

- = 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."