

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

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

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	33,071	100.0
Total Net Summer Renewable Capacity	231	0.7
Geothermal	-	-
Hydro Conventional	101	0.3
Solar	13	*
Wind	7	*
Wood/Wood Waste	60	0.2
MSW/Landfill Gas	48	0.1
Other Biomass	2	*

Generation (thousand megawatthours)

Total Electricity Net Generation	143,598	100.0
Total Renewable Net Generation	1,129	0.8
Geothermal	-	-
Hydro Conventional	429	0.3
Solar	13	*
Wind	13	*
Wood/Wood Waste	399	0.3
MSW Biogenic/Landfill Gas	264	0.2
Other Biomass	12	*

* = 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)**Ohio**

Energy Source	2006	2007	2008	2009	2010
Fossil	31,582	31,418	31,154	31,189	30,705
Coal	22,264	22,074	21,815	21,858	21,360
Petroleum	1,057	1,075	1,047	1,047	1,019
Natural Gas	8,161	8,169	8,192	8,184	8,203
Other Gases	100	100	100	100	123
Nuclear	2,120	2,124	2,124	2,134	2,134
Renewables	175	213	214	216	231
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	33,877	33,755	33,492	33,539	33,071

- = 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)

Ohio

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	101	101	101	101	101
Solar	-	-	-	-	13
Wind	7	7	7	7	7
Wood/Wood Waste	64	64	65	65	60
MSW/Landfill Gas	4	41	41	41	48
Other Biomass	-	-	-	1	2
Total	175	213	214	216	231

- = 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)****Ohio**

Energy Source	2006	2007	2008	2009	2010
Fossil	137,494	138,543	134,878	119,712	126,652
Coal	133,400	133,131	130,694	113,712	117,828
Petroleum	1,355	1,148	1,438	1,312	1,442
Natural Gas	2,379	3,975	2,484	4,650	7,128
Other Gases	360	289	261	37	254
Nuclear	16,847	15,764	17,514	15,206	15,805
Renewables	1,091	846	1,010	1,161	1,129
Pumped Storage	-	-	-	-	-
Other	3	3	11	11	12
Total	155,434	155,156	153,412	136,090	143,598

- = 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)**

Ohio

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	632	410	386	528	429
Solar	-	-	-	-	13
Wind	14	15	15	14	13
Wood/Wood Waste	410	399	418	410	399
MSW Biogenic/Landfill Gas	24	11	183	198	264
Other Biomass	10	10	8	11	12
Total	1,091	846	1,010	1,161	1,129

- = 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.