

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

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

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	21,022	100.0
Total Net Summer Renewable Capacity	2,412	11.5
Geothermal	-	-
Hydro Conventional	858	4.1
Solar	-	-
Wind	1,480	7.0
Wood/Wood Waste	58	0.3
MSW/Landfill Gas	16	0.1
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	72,251	100.0
Total Renewable Net Generation	6,969	9.6
Geothermal	-	-
Hydro Conventional	2,809	3.9
Solar	-	-
Wind	3,808	5.3
Wood/Wood Waste	255	0.4
MSW Biogenic/Landfill Gas	-	0.0
Other Biomass	97	0.1

- = 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)**Oklahoma**

Energy Source	2006	2007	2008	2009	2010
Fossil	18,301	18,083	18,364	18,532	18,350
Coal	5,372	5,364	5,302	5,330	5,330
Petroleum	75	70	71	71	69
Natural Gas	12,854	12,649	12,985	13,125	12,951
Other Gases	-	-	6	6	-
Nuclear	-	-	-	-	-
Renewables	1,524	1,618	1,637	2,057	2,412
Pumped Storage	260	260	260	260	260
Other	-	-	-	-	-
Total	20,085	19,962	20,262	20,849	21,022

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

Oklahoma

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	851	851	851	854	858
Solar	-	-	-	-	-
Wind	594	689	708	1,130	1,480
Wood/Wood Waste	63	63	63	58	58
MSW/Landfill Gas	16	16	16	16	16
Other Biomass	-	-	-	-	-
Total	1,524	1,618	1,637	2,057	2,412

- = 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)****Oklahoma**

Energy Source	2006	2007	2008	2009	2010
Fossil	68,093	67,765	70,122	68,700	65,435
Coal	35,032	34,438	36,315	34,059	31,475
Petroleum	64	160	23	9	18
Natural Gas	32,981	33,144	33,774	34,631	33,942
Other Gases	16	22	10	-	-
Nuclear	-	-	-	-	-
Renewables	2,633	5,195	6,362	6,482	6,969
Pumped Storage	-116	-166	-168	-117	-153
Other	5	25	13	2	-
Total	70,615	72,819	76,329	75,067	72,251

- = 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)****Oklahoma**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	624	3,066	3,811	3,553	2,809
Solar	-	-	-	-	-
Wind	1,712	1,849	2,358	2,698	3,808
Wood/Wood Waste	297	276	23	68	255
MSW Biogenic/Landfill Gas	-	4	5	-	-
Other Biomass	-	-	164	163	97
Total	2,633	5,195	6,362	6,482	6,969

- = 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.