

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

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

Capacity (megawatts)	Value	Percent of State Total
<b>Total Net Summer Electricity Capacity</b>	<b>26,392</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>2,901</b>	<b>11.0</b>
Geothermal	-	-
Hydro Conventional	2,720	10.3
Solar	20	0.1
Wind	128	0.5
Wood/Wood Waste	29	0.1
MSW/Landfill Gas	4	*
Other Biomass	-	-

**Generation (thousand megawatthours)**

<b>Total Electricity Net Generation</b>	<b>111,751</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>6,941</b>	<b>6.2</b>
Geothermal	-	-
Hydro Conventional	6,622	5.9
Solar	16	*
Wind	135	0.1
Wood/Wood Waste	140	0.1
MSW Biogenic/Landfill Gas	24	*
Other Biomass	4	*

\* = 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)****Arizona**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	18,784	18,756	18,942	19,351	19,338
Coal	5,830	5,818	5,818	6,227	6,233
Petroleum	90	93	93	93	93
Natural Gas	12,864	12,845	13,031	13,031	13,012
Other Gases	-	-	-	-	-
Nuclear	3,872	3,872	3,942	3,942	3,937
Renewables	2,736	2,736	2,762	2,826	2,901
Pumped Storage	216	216	216	216	216
Other	-	-	-	-	-
<b>Total</b>	<b>25,608</b>	<b>25,579</b>	<b>25,861</b>	<b>26,335</b>	<b>26,392</b>

- = 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)**

**Arizona**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	2,720	2,720	2,720	2,720	2,720
Solar	9	9	9	11	20
Wind	-	-	-	63	128
Wood/Wood Waste	3	3	29	29	29
MSW/Landfill Gas	4	4	4	4	4
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>2,736</b>	<b>2,736</b>	<b>2,762</b>	<b>2,826</b>	<b>2,901</b>

- = 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)****Arizona**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	73,385	79,794	82,715	74,509	73,386
Coal	40,443	41,275	43,840	39,707	43,644
Petroleum	73	49	52	63	66
Natural Gas	32,869	38,469	38,822	34,739	29,676
Other Gases	-	-	-	-	-
Nuclear	24,012	26,782	29,250	30,662	31,200
Renewables	6,846	6,639	7,400	6,630	6,941
Pumped Storage	149	125	95	169	209
Other	-	-	-	2	15
<b>Total</b>	<b>104,393</b>	<b>113,341</b>	<b>119,459</b>	<b>111,971</b>	<b>111,751</b>

- = 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)****Arizona**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	6,793	6,598	7,286	6,427	6,622
Solar	13	9	15	14	16
Wind	-	-	-	30	135
Wood/Wood Waste	8	-	76	137	140
MSW Biogenic/Landfill Gas	28	29	19	18	24
Other Biomass	4	4	4	4	4
<b>Total</b>	<b>6,846</b>	<b>6,639</b>	<b>7,400</b>	<b>6,630</b>	<b>6,941</b>

- = 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.