

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

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	7,497	100.0
Total Net Summer Renewable Capacity	528	7.0
Geothermal	42	0.6
Hydro Conventional	255	3.4
Solar	-	-
Wind	222	3.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	9	0.1
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	42,249	100.0
Total Renewable Net Generation	1,476	3.5
Geothermal	277	0.7
Hydro Conventional	696	1.6
Solar	-	-
Wind	448	1.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	56	0.1
Other Biomass	-	-

- = 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)**Utah**

Energy Source	2006	2007	2008	2009	2010
Fossil	6,398	6,830	6,819	6,897	6,969
Coal	4,891	4,871	4,871	4,871	4,903
Petroleum	35	25	25	25	23
Natural Gas	1,473	1,934	1,923	2,002	2,042
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	282	293	313	521	528
Pumped Storage	-	-	-	-	-
Other	32	-	-	-	-
Total	6,712	7,122	7,132	7,418	7,497

- = 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)

Utah

Energy Source	2006	2007	2008	2009	2010
Geothermal	23	33	34	34	42
Hydro Conventional	255	255	256	256	255
Solar	-	-	-	-	-
Wind	-	-	19	222	222
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	4	5	5	9	9
Other Biomass	-	-	-	-	-
Total	282	293	313	521	528

- = 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)****Utah**

Energy Source	2006	2007	2008	2009	2010
Fossil	40,306	44,634	45,466	42,034	40,599
Coal	36,856	37,171	38,020	35,526	34,057
Petroleum	62	39	44	36	50
Natural Gas	3,389	7,424	7,366	6,444	6,455
Other Gases	-	-	36	28	36
Nuclear	-	-	-	-	-
Renewables	952	734	970	1,322	1,476
Pumped Storage	-	-	-	-	-
Other	5	5	143	187	174
Total	41,263	45,373	46,579	43,543	42,249

- = 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)****Utah**

Energy Source	2006	2007	2008	2009	2010
Geothermal	191	164	254	279	277
Hydro Conventional	747	539	668	835	696
Solar	-	-	-	-	-
Wind	-	-	24	160	448
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	15	31	24	48	56
Other Biomass	-	-	-	-	-
Total	952	734	970	1,322	1,476

- = 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.