

Table 1. Summary Renewable Electric Power Industry Statistics (2006)

Utah

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	6,712	100.0
Total Net Summer Renewable Capacity	282	4.2
Geothermal	23	0.3
Hydro Conventional	255	3.8
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	4	0.1
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	41,263	100.0
Total Renewable Net Generation	952	2.3
Geothermal	191	0.5
Hydro Conventional	747	1.8
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	15	*
Other Biomass	-	-

* = 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, 2002 - 2006 (Megawatts)

Utah

Energy Source	2002	2003	2004	2005	2006
Fossil	5,464	5,509	5,855	6,249	6,398
Coal	4,562	4,606	4,826	4,891	4,891
Petroleum	48	49	38	35	35
Natural Gas	854	854	991	1,323	1,473
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	288	288	278	279	282
Pumped Storage	-	-	-	-	-
Other	-	-	57	-	32
Total	5,752	5,797	6,190	6,528	6,712

- = 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, 2002 - 2006 (Megawatts)

Utah

Energy Source	2002	2003	2004	2005	2006
Geothermal	33	33	23	23	23
Hydro Conventional	254	254	254	255	255
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	1	1	1	1	4
Other Biomass	-	-	-	-	-
Total	288	288	278	279	282

- = 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, 2002 - 2006
 (Thousand Megawatthours)**

Utah

Energy Source	2002	2003	2004	2005	2006
Fossil	35,921	37,395	37,560	37,189	40,306
Coal	34,488	35,979	36,618	35,970	36,856
Petroleum	54	33	33	41	62
Natural Gas	1,380	1,383	910	1,178	3,389
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	682	625	649	973	952
Pumped Storage	-	-	-	-	-
Other	5	4	3	3	5
Total	36,608	38,024	38,212	38,165	41,263

- = 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, 2002 - 2006
 (Thousand Megawatthours)**

Utah

Energy Source	2002	2003	2004	2005	2006
Geothermal	218	198	195	185	191
Hydro Conventional	458	421	450	784	747
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	6	5	4	4	15
Other Biomass	-	-	-	-	-
Total	682	625	649	973	952

- = 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."