

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

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	3,990	100.0
Total Net Summer Renewable Capacity	3,140	78.7
Geothermal	10	0.3
Hydro Conventional	2,704	67.8
Solar	-	-
Wind	352	8.8
Wood/Wood Waste	68	1.7
MSW/Landfill Gas	-	-
Other Biomass	6	0.2

Generation (thousand megawatthours)

Total Electricity Net Generation	12,025	100.0
Total Renewable Net Generation	10,168	84.6
Geothermal	72	0.6
Hydro Conventional	9,154	76.1
Solar	-	-
Wind	441	3.7
Wood/Wood Waste	478	4.0
MSW Biogenic/Landfill Gas	-	-
Other Biomass	24	0.2

- = 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)**Idaho**

Energy Source	2006	2007	2008	2009	2010
Fossil	667	667	828	834	834
Coal	17	17	17	17	17
Petroleum	5	5	5	5	5
Natural Gas	645	645	805	812	812
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,528	2,514	2,535	2,909	3,140
Pumped Storage	-	-	-	-	-
Other	15	15	15	15	15
Total	3,210	3,196	3,378	3,758	3,990

- = 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)**Idaho**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	10	7	10
Hydro Conventional	2,378	2,367	2,346	2,682	2,704
Solar	-	-	-	-	-
Wind	75	75	117	146	352
Wood/Wood Waste	75	71	63	68	68
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	5	6
Total	2,528	2,514	2,535	2,909	3,140

- = 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)****Idaho**

Energy Source	2006	2007	2008	2009	2010
Fossil	1,381	1,741	1,790	1,726	1,778
Coal	82	84	90	83	88
Petroleum	s	s	s	s	s
Natural Gas	1,298	1,657	1,700	1,644	1,689
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	11,932	9,675	10,111	11,302	10,168
Pumped Storage	-	-	-	-	-
Other	73	69	70	72	79
Total	13,386	11,484	11,971	13,100	12,025

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = 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)****Idaho**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	86	76	72
Hydro Conventional	11,242	9,022	9,363	10,434	9,154
Solar	-	-	-	-	-
Wind	170	172	207	313	441
Wood/Wood Waste	520	481	455	478	478
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	24
Total	11,932	9,675	10,111	11,302	10,168

- = 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.