

Table 1. Summary Renewable Electric Power Industry Statistics (2007)

Idaho

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</u>	<u>Total</u>
Total Net Summer Electricity Capacity	3,196	100.0	
Total Net Summer Renewable Capacity	2,514	78.7	
Geothermal	-	-	
Hydro Conventional	2,367	74.1	
Solar	-	-	
Wind	75	2.3	
Wood/Wood Waste	71	2.2	
MSW/Landfill Gas	-	-	
Other Biomass	-	-	
<u>Generation (thousand megawatthours)</u>			
Total Electricity Net Generation	11,484	100.0	
Total Renewable Net Generation	9,675	84.2	
Geothermal	-	-	
Hydro Conventional	9,022	78.6	
Solar	-	-	
Wind	172	1.5	
Wood/Wood Waste	481	4.2	
MSW Biogenic/Landfill Gas	-	-	
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: 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, 2003 - 2007 (Megawatts)

Idaho

Energy Source	2003	2004	2005	2006	2007
Fossil	503	503	667	667	667
Coal	17	17	17	17	17
Petroleum	5	5	5	5	5
Natural Gas	481	481	645	645	645
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,484	2,468	2,478	2,528	2,514
Pumped Storage	-	-	-	-	-
Other	15	15	15	15	15
Total	3,002	2,986	3,160	3,210	3,196

- = 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, 2003 - 2007 (Megawatts)

Idaho

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	2,414	2,391	2,390	2,378	2,367
Solar	-	-	-	-	-
Wind	-	-	11	75	75
Wood/Wood Waste	70	77	78	75	71
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	2,484	2,468	2,478	2,528	2,514

- = 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, 2003 - 2007
(Thousand Megawatthours)**

Idaho

Energy Source	2003	2004	2005	2006	2007
Fossil	1,465	1,803	1,692	1,381	1,741
Coal	90	99	95	82	84
Petroleum	s	s	s	s	s
Natural Gas	1,375	1,704	1,597	1,298	1,657
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	8,895	9,022	9,102	11,932	9,675
Pumped Storage	-	-	-	-	-
Other	63	38	31	73	69
Total	10,423	10,863	10,825	13,386	11,484

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: 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, 2003 - 2007
(Thousand Megawatthours)**

Idaho

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	8,354	8,462	8,542	11,242	9,022
Solar	-	-	-	-	-
Wind	-	-	-	170	172
Wood/Wood Waste	541	560	560	520	481
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	8,895	9,022	9,102	11,932	9,675

- = 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."