

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

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	30,478	100.0
Total Net Summer Renewable Capacity	23,884	78.4
Geothermal	-	-
Hydro Conventional	21,181	69.5
Solar	1	*
Wind	2,296	7.5
Wood/Wood Waste	368	1.2
MSW/Landfill Gas	39	0.1
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	103,473	100.0
Total Renewable Net Generation	74,905	72.4
Geothermal	-	-
Hydro Conventional	68,288	66.0
Solar	-	0.0
Wind	4,745	4.6
Wood/Wood Waste	1,676	1.6
MSW Biogenic/Landfill Gas	185	0.2
Other Biomass	11	*

* = 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)**Washington**

Energy Source	2006	2007	2008	2009	2010
Fossil	4,436	4,343	5,130	5,145	5,183
Coal	1,405	1,405	1,376	1,376	1,340
Petroleum	40	4	4	5	15
Natural Gas	2,991	2,933	3,750	3,764	3,828
Other Gases	-	-	-	-	-
Nuclear	1,131	1,131	1,131	1,131	1,097
Renewables	22,343	22,828	22,919	23,504	23,884
Pumped Storage	314	314	314	314	314
Other	-	-	-	-	-
Total	28,224	28,615	29,494	30,095	30,478

- = 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)

Washington

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	21,156	21,333	21,203	21,088	21,181
Solar	-	1	1	1	1
Wind	821	1,162	1,365	2,006	2,296
Wood/Wood Waste	326	296	314	369	368
MSW/Landfill Gas	35	36	36	41	39
Other Biomass	4	-	-	-	-
Total	22,343	22,828	22,919	23,504	23,884

- = 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)****Washington**

Energy Source	2006	2007	2008	2009	2010
Fossil	14,255	16,215	18,879	19,747	19,211
Coal	6,373	8,557	8,762	7,478	8,527
Petroleum	38	37	35	54	32
Natural Gas	7,495	7,287	9,809	11,971	10,359
Other Gases	349	334	272	245	292
Nuclear	9,328	8,109	9,270	6,634	9,241
Renewables	84,510	82,560	82,575	77,977	74,905
Pumped Storage	47	45	49	52	53
Other	62	62	56	59	62
Total	108,203	106,990	110,828	104,470	103,473

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)****Washington**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	82,008	78,829	77,637	72,933	68,288
Solar	-	-	-	-	-
Wind	1,038	2,438	3,657	3,572	4,745
Wood/Wood Waste	1,281	1,116	1,113	1,305	1,676
MSW Biogenic/Landfill Gas	165	163	156	156	185
Other Biomass	19	13	12	11	11
Total	84,510	82,560	82,575	77,977	74,905

- = 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.