

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

**Washington**

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>
<b>Total Net Summer Electricity Capacity</b>	<b>28,224</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>22,343</b>	<b>79.2</b>
Geothermal	-	-
Hydro Conventional	21,156	75.0
Solar	-	-
Wind	821	2.9
Wood/Wood Waste	326	1.2
MSW/Landfill Gas	35	0.1
Other Biomass	4	*
 <u>Generation (thousand megawatthours)</u>		
<b>Total Electricity Net Generation</b>	<b>108,203</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>84,510</b>	<b>78.1</b>
Geothermal	-	-
Hydro Conventional	82,008	75.8
Solar	-	-
Wind	1,038	1.0
Wood/Wood Waste	1,275	1.2
MSW Biogenic/Landfill Gas	165	0.2
Other Biomass	24	*

\* = 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)**

**Washington**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	3,707	4,208	4,459	4,439	4,436
Coal	1,407	1,407	1,407	1,405	1,405
Petroleum	216	215	39	40	40
Natural Gas	2,085	2,586	3,013	2,994	2,991
Other Gases	-	-	-	-	-
Nuclear	1,108	1,108	1,122	1,131	1,131
Renewables	21,983	22,059	21,678	21,907	22,343
Pumped Storage	314	314	314	314	314
Other	-	-	-	-	-
<b>Total</b>	<b>27,112</b>	<b>27,689</b>	<b>27,573</b>	<b>27,791</b>	<b>28,224</b>

- = 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)**

**Washington**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	21,464	21,457	21,070	21,146	21,156
Solar	-	-	-	-	-
Wind	225	228	243	393	821
Wood/Wood Waste	252	330	326	328	326
MSW/Landfill Gas	38	40	35	35	35
Other Biomass	4	4	4	4	4
<b>Total</b>	<b>21,983</b>	<b>22,059</b>	<b>21,678</b>	<b>21,907</b>	<b>22,343</b>

- = 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)**

**Washington**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	13,766	18,542	19,231	19,460	14,255
Coal	8,661	11,090	10,413	10,506	6,385
Petroleum	73	67	81	64	37
Natural Gas	4,719	7,083	8,480	8,581	7,499
Other Gases	313	303	257	308	335
Nuclear	9,048	7,615	8,982	8,242	9,328
Renewables	79,891	73,885	73,895	74,191	84,510
Pumped Storage	-5	-3	-10	8	47
Other	64	56	67	65	62
<b>Total</b>	<b>102,765</b>	<b>100,095</b>	<b>102,165</b>	<b>101,966</b>	<b>108,203</b>

**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)**

**Washington**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	78,167	71,757	71,576	72,075	82,008
Solar	-	-	-	-	-
Wind	417	604	737	498	1,038
Wood/Wood Waste	1,126	1,343	1,395	1,419	1,275
MSW Biogenic/Landfill Gas	161	153	164	171	165
Other Biomass	21	29	25	27	24
<b>Total</b>	<b>79,891</b>	<b>73,885</b>	<b>73,895</b>	<b>74,191</b>	<b>84,510</b>

- = 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."