



**Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)**

**West Virginia**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	15,879	16,112	16,130	16,113	15,769
Coal	14,716	14,723	14,733	14,745	14,715
Petroleum	12	12	12	12	12
Natural Gas	1,056	1,282	1,386	1,357	1,042
Other Gases	95	95	-	-	-
Nuclear	-	-	-	-	-
Renewables	245	290	330	330	330
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>16,124</b>	<b>16,402</b>	<b>16,460</b>	<b>16,443</b>	<b>16,099</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, 2003 - 2007 (Megawatts)**

**West Virginia**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	179	224	264	264	264
Solar	-	-	-	-	-
Wind	66	66	66	66	66
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>245</b>	<b>290</b>	<b>330</b>	<b>330</b>	<b>330</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, 2003 - 2007  
(Thousand Megawatthours)**

**West Virginia**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	93,165	88,255	92,013	92,063	92,511
Coal	92,469	87,585	91,417	91,473	91,866
Petroleum	248	268	223	175	200
Natural Gas	278	255	287	362	389
Other Gases	170	148	86	53	56
Nuclear	-	-	-	-	-
Renewables	1,530	1,482	1,602	1,746	1,422
Pumped Storage	-	-	-	-	-
Other	17	13	11	6	s
<b>Total</b>	<b>94,712</b>	<b>89,750</b>	<b>93,626</b>	<b>93,816</b>	<b>93,933</b>

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)**

**West Virginia**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	1,356	1,318	1,448	1,572	1,254
Solar	-	-	-	-	-
Wind	170	161	154	174	168
Wood/Wood Waste	s	1	s	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	4	2	s	s	-
<b>Total</b>	<b>1,530</b>	<b>1,482</b>	<b>1,602</b>	<b>1,746</b>	<b>1,422</b>

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

- = 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."