

# Virginia

## Virginia total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>3,501</b>	<b>14.5</b>	<b>26,572</b>	<b>36.4</b>
Coal	5,868	24.3	25,459	34.9
Hydro and Pumped Storage	4,107	17.0	10	*
Natural Gas	7,581	31.4	16,999	23.3
Other <sup>1</sup>	-	-	414	0.6
Other Renewable <sup>1</sup>	621	2.6	2,220	3.0
Petroleum	2,432	10.1	1,293	1.8
<b>Total</b>	<b>24,109</b>	<b>100.0</b>	<b>72,966</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Virginia nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
North Anna				
Unit 1, Unit 2	1,863	13,399	50.4	Virginia Electric & Power Co
Surry				
Unit 1, Unit 2	1,638	13,172	49.6	Virginia Electric & Power Co
<b>2 Plants</b>				
<b>4 Reactors</b>	<b>3,501</b>	<b>26,572</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## North Anna

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	920	6,780	84.1	PWR	6/6/1978	4/1/2038
2	943	6,620	80.1	PWR	12/14/1980	8/21/2040
	<b>1,863</b>	<b>13,399</b>	<b>82.1</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Surry

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	839	6,206	84.4	PWR	12/22/1972	5/25/2032
2	799	6,966	99.5	PWR	5/1/1973	1/29/2033
	<b>1,638</b>	<b>13,172</b>	<b>91.8</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."