

# Georgia

## Georgia 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>4,061</b>	<b>11.1</b>	<b>33,512</b>	<b>24.4</b>
Coal	13,230	36.1	73,298	53.3
Hydro and Pumped Storage	3,851	10.5	3,044	2.2
Natural Gas	12,668	34.6	23,884	17.4
Other <sup>1</sup>	-	-	18	*
Other Renewable <sup>1</sup>	637	1.7	3,181	2.3
Petroleum	2,189	6.0	641	0.5
<b>Total</b>	<b>36,636</b>	<b>100.0</b>	<b>137,577</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."

## Georgia 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
Edwin I Hatch				
Unit 1, Unit 2	1,759	13,902	41.5	Georgia Power Co
Vogtle				
Unit 1, Unit 2	2,302	19,610	58.5	Georgia Power Co
<b>2 Plants</b>				
<b>4 Reactors</b>	<b>4,061</b>	<b>33,512</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."

## Vogtle

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,150	10,247	101.7	PWR	6/1/1987	1/16/2047
2	1,152	9,363	92.8	PWR	5/20/1989	2/9/2049
	<b>2,302</b>	<b>19,610</b>	<b>97.2</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."

## Edwin I Hatch

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	876	6,510	84.8	BWR	12/31/1975	8/6/2034
2	883	7,392	95.6	BWR	9/5/1979	6/13/2038
	<b>1,759</b>	<b>13,902</b>	<b>90.2</b>			

Data for 2010

BWR = Boiling 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."