

# Alabama

## Alabama 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>5,043</b>	<b>15.6</b>	<b>37,941</b>	<b>24.9</b>
Coal	11,441	35.3	63,050	41.4
Hydro and Pumped Storage	3,272	10.1	8,704	5.7
Natural Gas	11,936	36.8	39,235	25.8
Other <sup>1</sup>	100	0.3	643	0.4
Other Renewable <sup>1</sup>	583	1.8	2,377	1.6
Petroleum	43	0.1	200	0.1
<b>Total</b>	<b>32,417</b>	<b>100.0</b>	<b>152,151</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.

**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."

## Alabama 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
Browns Ferry				
Unit 1, Unit 2, Unit 3	3,309	24,771	65.3	Tennessee Valley Authority
Joseph M Farley				
Unit 1, Unit 2	1,734	13,170	34.7	Alabama Power Co
<b>2 Plants</b>				
<b>5 Reactors</b>	<b>5,043</b>	<b>37,941</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."

## Browns Ferry

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,101	8,072	83.7	BWR	8/1/1974	12/20/2033
2	1,104	8,843	91.5	BWR	3/1/1975	6/28/2034
3	1,105	7,856	81.2	BWR	3/1/1977	7/2/2036
	<b>3,309</b>	<b>24,771</b>	<b>85.4</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."

## Joseph M. Farley

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	874	6,577	85.9	PWR	12/1/1977	6/25/2037
2	860	6,592	87.5	PWR	7/30/1981	3/31/2041
	<b>1,734</b>	<b>13,170</b>	<b>86.7</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."