

Tennessee

Tennessee 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)
Nuclear	3,401	15.9	27,739	33.7
Coal	8,805	41.1	43,670	53.0
Hydro and Pumped Storage	4,277	20.0	7,416	9.0
Natural Gas	4,655	21.7	2,302	2.8
Other ¹	-	-	16	*
Other Renewable ¹	222	1.0	988	1.2
Petroleum	58	0.3	217	0.3
Total	21,417	100.0	82,349	100.0

¹Municipal 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."

Tennessee 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
Sequoyah				
Unit 1, Unit 2	2,278	18,001	64.9	Tennessee Valley Authority
Watts Bar Nuclear Plant				
Unit 1	1,123	9,738	35.1	Tennessee Valley Authority
2 Plants				
3 Reactors	3,401	27,739	100.0	

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."

Sequoyah

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,152	8,464	83.9	PWR	7/1/1981	9/17/2020
2	1,126	9,537	96.7	PWR	6/1/1982	9/15/2021
	2,278	18,001	90.2			

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."

Watts Bar Nuclear Plant

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,123	9,738	99.0	PWR	5/27/1996	11/9/2035
	1,123	9,738	99.0			

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."