



U.S. STATES

# TENNESSEE

State Profile and Energy Estimates



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OVERVIEW DATA ▾ ANALYSIS RANKINGS COMPARE FIND ? HELP

## Profile Overview

[Print State Energy Profile \(overview, data, & analysis\)](#)

**Wind Turbine (z)**

**Site Name:** Buffalo Mountain Wind Farm  
**County:** Anderson  
**State:** TN  
**Capacity:** 1.8 MW  
**Year On-Line:** 2004  
**Manufacturer:** Vestas  
**Blade Length:** 44 Meters  
**Rotor Swept Area:** 6,361.72 Square Meters  
**Total Height:** 123 Meters  
 Note: Only visible when zoomed in closer than 1:1,000,000 scale.

Zoom to

[Layer information and map data](#) Send map questions, comments and suggestions to: [mapping@eia.gov](mailto:mapping@eia.gov)

### QUICK FACTS

- The newly licensed Watts Bar 2 will become the nation's newest nuclear reactor when it begins commercial operations in 2016.
- Almost half of the Tennessee Valley Authority's (TVA) territory is in Tennessee. The TVA operates 19 hydroelectric dams, 2 large nuclear power plants, and several other power generation facilities in the state.
- At almost 9.8 million megawatthours in 2015, Tennessee's net electricity generation from hydroelectric power was the third-highest among states east of the Mississippi River, and sixth-highest in the nation as a whole.

### Tennessee, U.S. Rankings

Consumption	
Total Energy per Capita	21
Expenditures	
Total Energy per Capita	24
Production	
Total Energy	30
Crude Oil	27
Natural Gas	25
Coal	22
Electricity	22
Prices	
Natural Gas	36
Electricity	46
Environment	
Carbon Dioxide Emissions	20

[See rankings for all states ›](#)

### Today in Energy

[Natural gas, renewables dominate electric capacity additions in first half of 2012](#)  
 Aug 20, 2012

[See all articles for this state ›](#)

- The Southeast's first major wind farm, located on Tennessee's Buffalo Mountain near Oliver Springs, began operating as a 2 megawatt facility in 2000. The wind farm's generating capacity has been expanded to 29 megawatts.
- Two utility-scale solar photovoltaic facilities in McNairy County, Tennessee, are the largest in the state and have a combined capacity of 40 megawatts.
- Average site electricity consumption for Tennessee households is 33% higher than the national average and is among the highest in the nation. Spending for electricity is closer to the U.S. average because of relatively low electricity prices, according to EIA's Residential Energy Consumption Survey.

Last Updated: May 19, 2016

**Consumption by Source**

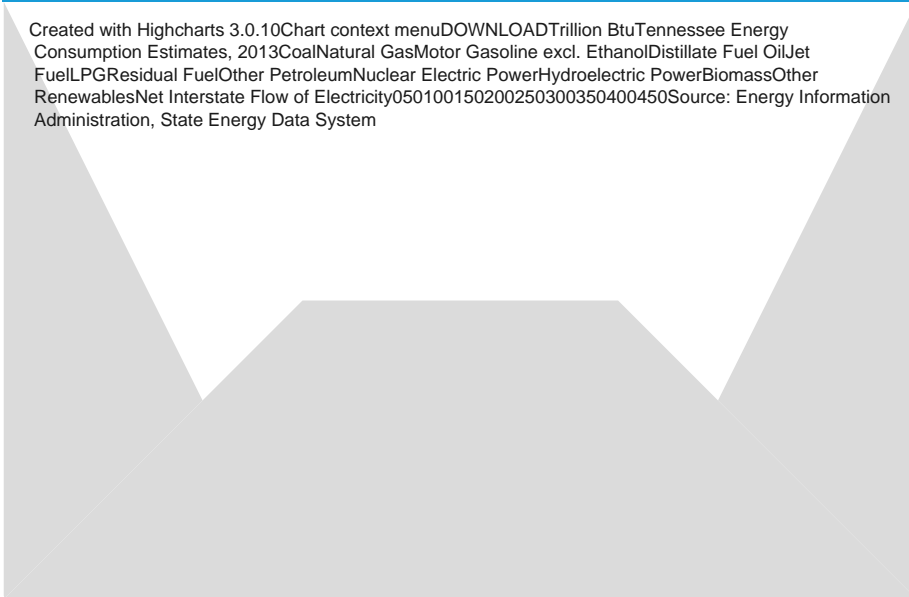
**Consumption by Sector**

**Production**

**Electricity**

**Prices**

Created with Highcharts 3.0.10  
 Chart context menu  
 DOWNLOAD  
 Trillion Btu  
 Tennessee Energy Consumption Estimates, 2013  
 Coal  
 Natural Gas  
 Motor Gasoline excl. Ethanol  
 Distillate Fuel Oil  
 Jet Fuel  
 LPG  
 Residual Fuel  
 Other Petroleum  
 Nuclear Electric Power  
 Hydroelectric Power  
 Biomass  
 Other Renewables  
 Net Interstate Flow of Electricity  
 050100150200250300350400450  
 Source: Energy Information Administration, State Energy Data System



**MORE DATA & ANALYSIS IN TENNESSEE**

**by Source**

- Petroleum
- Natural Gas
- Electricity
- Coal
- Renewable & Alternative Fuels
- Nuclear
- Environment
- Total Energy

**Summary Reports**

- Household Energy Use
- State Electricity Summary
- State Renewable Electricity Statistics
- State Nuclear Summary
- Natural Gas Summary Statistics

**Tennessee at a Glance**



[Household Energy Use Fact Sheet](#)

**U.S. Energy Mapping System**



Choose your energy view...

**Reference**

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**Other Resources**

[Tennessee Department of Environment and Conservation, Office of Energy Programs](#)

[Department of Environment and Conservation](#)

[Tennessee Housing Development Agency - Weatherization Assistance Program](#)

[Tennessee Regulatory Authority](#)

[Tennessee Valley Authority](#)

[more](#)



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- [Consumption](#)
- [Total Energy](#)

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