

Independent Statistics & Analysis

U.S. Energy Information Administration

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U.S. STATES

TENNESSEE

State Profile and Energy Estimates

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ANALYSIS

RANKINGS


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Profile Overview



Layers/Legend

Basemaps

Find address

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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

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

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 ›](#)

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.

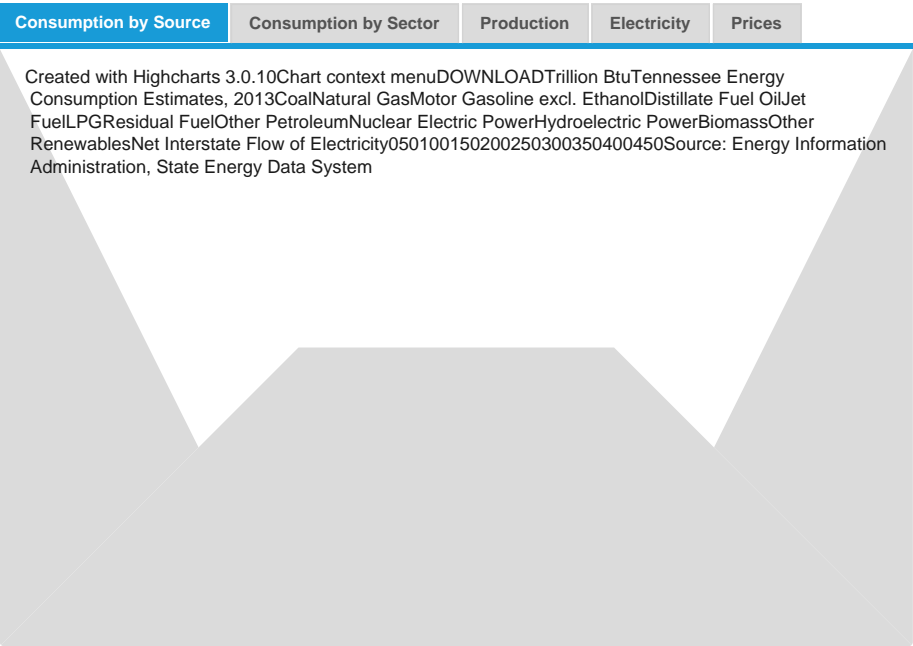
Today In Energy

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



MORE DATA & ANALYSIS IN TENNESSEE

by Source

- Petroleum
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 - 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



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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](#)

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use this tool.

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