

Independent Statistics & Analysis
U.S. Energy Information
Administration

Sources & Uses ▾

Topics ▾

Geography ▾

Tools ▾

Learn About Energy ▾

News ▾

A-Z ▾
Index

U.S. STATES

TENNESSEE

State Profile and Energy Estimates

CHANGE STATE/TERRITORY ▾

OVERVIEW

DATA ▾

ANALYSIS


RANKINGS

COMPARE

FIND

? HELP

Profile Overview



Natural Gas Power Plant (1 of 3)

[View Data in the Electricity Data Browser.](#)

Plant Name: University of Tennessee Steam Plant

Plant Code: 55036

Utility Name: University of Tennessee

Utility ID: 21466

City: Knoxville

County: Knox

State: Tennessee

Sector: Commercial CHP

Technology: Natural Gas Fired Combustion Turbine

Data Period: 201511

Primary Fuel: natural gas

Total Net Summer Capacity: 3.7


Zoom to


Layers/Legend

Basemaps


Find address

Print ▾



 [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 commerical 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.
- 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 3.0.10Chart context menuDOWNLOADTrillion BtuTennessee Energy Consumption Estimates, 2013CoalNatural GasMotor Gasoline excl. EthanolDistillate Fuel OilJet FuelLPGResidual FuelOther PetroleumNuclear Electric PowerHydroelectric PowerBiomassOther RenewablesNet Interstate Flow of Electricity050100150200250300350400450Source: Energy Information Administration, State Energy Data System

Today In Energy

Natural gas, renewables dominate electric capacity additions in first half of 2012

Aug 20, 2012

See all articles for this state ›

Tennessee at a Glance



Household Energy Use Fact Sheet ›

U.S. Energy Mapping System



Choose your energy view...

Reference

Record of Updates

Notes & Sources

Other Resources

Tennessee Department of Environment and Conservation, Office of Energy Programs

Department of Environment and

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

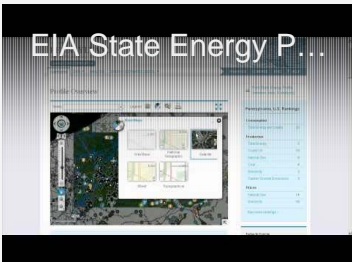
[Conservation](#)

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

[Tennessee Regulatory Authority](#)

[Tennessee Valley Authority](#)

[more](#)



Play a short video to learn how to use this tool.

[About EIA](#) [Open Data](#) [Press Room](#) [Careers](#) [Contact Us](#)

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585



Sources & Uses

[Petroleum](#)
[Coal](#)
[Natural Gas](#)
[Renewable](#)
[Nuclear](#)
[Electricity](#)
[Consumption](#)
[Total Energy](#)

Topics

[Analysis & Projections](#)
[Environment](#)
[Markets & Finance](#)
[Today in Energy](#)

Geography

[States](#)
[Countries](#)
[Maps](#)

Tools

[A-Z Index](#)
[All Reports](#)
[& Publications](#)
[EIA Survey Forms](#)
[EIA Beta](#)

Policies

[Privacy/Security](#)
[Copyright & Reuse](#)
[Accessibility](#)

Related Sites

[U.S. Department of Energy](#)
[USA.gov](#)
[FedStats](#)

Stay Connected

[Facebook](#)
[Twitter](#)
[YouTube](#)
[Flickr](#)
[LinkedIn](#)
[Email Updates](#)
[RSS Feeds](#)