

U.S. STATES

TENNESSEE



State Profile and Energy Estimates

CHANGE STATE/TERRITORY ▾

OVERVIEW

DATA ▾

ANALYSIS

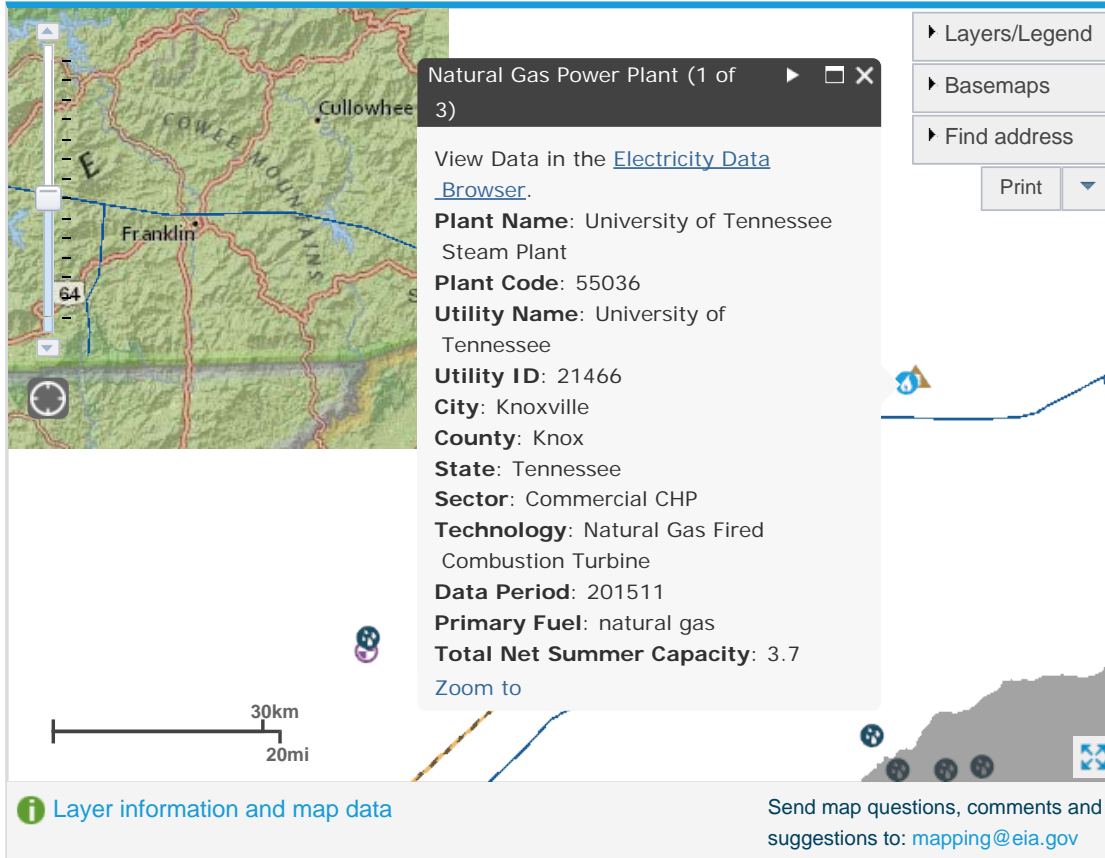
RANKINGS

COMPARE

FIND

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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 ▾

30km
20mi

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.
- 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
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 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

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



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Other Resources

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

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- [State Renewable Electricity Statistics](#)
- [State Nuclear Summary](#)
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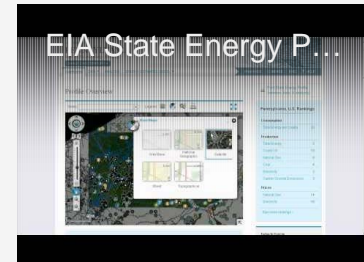
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