

## Energy Sales

**Sold**

**94.1 billion**

kilowatt-hours of electricity to  
**60** municipals and **22** co-ops

**Provided**

**41 billion**

kilowatt-hours of electricity  
to **2.9 million** households  
through the LPCs

**Served**

**47 billion**

kilowatt-hours of electricity  
to **487,000** commercial  
and industrial customers\*  
through the LPCs

**Home to**

**23** direct-served  
customers purchasing

**6.4 billion**

kilowatt-hours of electricity

**Revenue**

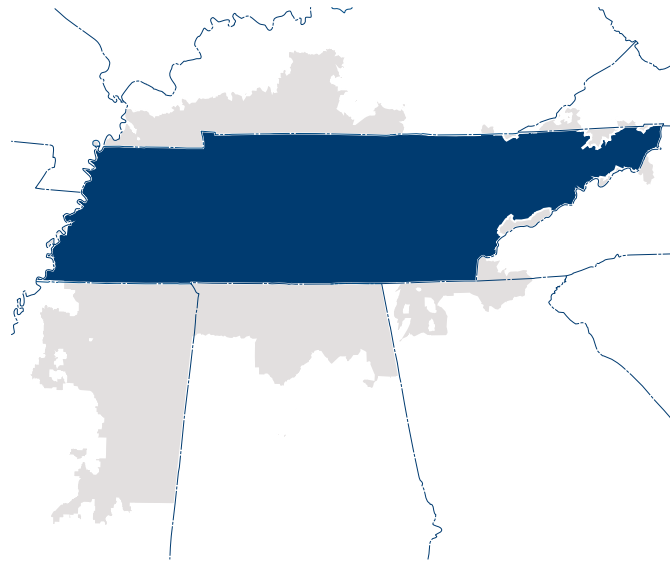
**\$6.8 billion**

power revenue in Tennessee  
2021 | about **66%** of TVA  
total operating revenue

\*1.03 billion kilowatt-hours to outdoor lighting  
customers. LPC = local power company

## Service Area

\*TVA serves virtually all of the 95 counties in Tennessee.



**49%**  
of total  
service area



**TVA Covers**  
**42,028** square  
miles  
**of Tennessee\***

**22,514** square  
miles  
**Watershed  
Management**

## Power Generation and Transmission

- In Tennessee, TVA operates 19 hydroelectric dams, four coal-fired power plants, two nuclear power plants, seven combustion turbine sites and a pumped-storage plant, with a combined generating capacity of more than 20,192 megawatts.

**274** substations &  
switchyards  
miles of  
transmission  
line **9,431**

- Hydroelectric plants: Boone, Cherokee, Chickamauga, Douglas, Fort Loudoun, Fort Patrick Henry, Great Falls, Melton Hill, Nickajack, Norris, Ocoee 1, Ocoee 2, Ocoee 3, Pickwick Landing, South Holston, Tims Ford, Watauga, Watts Bar and Wilbur.
- Coal-fired plants: Bull Run, Cumberland, Gallatin and Kingston.
- The TVA Board of Directors approved the retirement of Bull Run Fossil Plant by December 2023.
- Nuclear plants: Sequoyah and Watts Bar.
- Natural gas-fueled facilities: The Brownsville, Gallatin, Gleason, and Johnsonville sites host combustion turbine plants. The John Sevier has a combined cycle plant. The Lagoon Creek and Allen sites feature both a combustion turbine and combined cycle plants.
- Pumped-storage hydroelectric plant: Raccoon Mountain.
- TVA has contracted for 1,488.8 megawatts of renewable biomass, low-impact hydro, solar and wind capacity in Tennessee.
- TVA operates one wind and seven solar facilities in Tennessee: a 0.002-megawatt wind facility and a 0.02-megawatt solar facility at Melton Hill Dam near Lenoir City; a 0.8476-megawatt facility at the Allen Combined Cycle plant in Memphis; a 0.0086-megawatt facility at Cocke County High School in Newport; a 0.0072-megawatt facility at Morgan County Vocational School in Wartburg; a 0.0826-megawatt facility at Finley Stadium in Chattanooga; a 0.0164-megawatt facility at Gibson County High School in Dyer; and a 0.027-megawatt facility at the Bridges Center in Memphis.

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## Land and Water Stewardship

- TVA manages 33 reservoirs in Tennessee: Boone, Cherokee, Chickamauga, Douglas, Fort Loudoun, Fort Patrick Henry, Great Falls, Melton Hill, Nickajack, Nolichucky, Normandy, Norris, Ocoee 1, Ocoee 2, Ocoee 3, Raccoon Mountain, South Holston, Tellico, Tims Ford, Watauga, Watts Bar and Wilbur along with eight small reservoirs in the Beech River watershed in West Tennessee and portions of Kentucky, Pickwick and Gunter'sville reservoirs. The reservoirs have a combined surface area of about 300,000 acres and about 7,000 miles of shoreline.
- TVA manages recreational, natural and cultural resources on more than 170,000 acres of public land around its Tennessee reservoirs and partners with communities, local, state and regional stakeholders to improve water quality and aquatic biodiversity, shoreline conditions, recreation, wildlife and habitats on lands, reservoirs and their tributaries.
- The TVA visitor center at Raccoon Mountain Pumped-Storage Plant and Laurel Point typically hosts more than 39,000 visitors a year. The Norris Dam Visitor Center—overlooking the powerhouse, Norris Reservoir and a marina—typically receives almost 31,000 visitors a year. The centers were closed throughout 2021 due to the COVID-19 pandemic.

**7,000** miles of  
shoreline



**170,000**  
acres of public land

- There are unstaffed visitor centers at South Holston, Fort Patrick Henry, Melton Hill and Douglas dams. The centers were closed throughout 2021 due to the COVID-19 pandemic.
- Bassmaster named Chickamauga Reservoir 15th best bass lake in the country over the past decade.

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## River Management

- TVA maintains the structural, seismic and hydraulic integrity of 19 hydroelectric dams, 11 non-power dams, two small overflow detention dams at John Sevier Combined Cycle Plant on the Holston River and Doakes Creek on Norris Reservoir, and one pumped-storage plant near Chattanooga.
- TVA manages flows to support thermal compliance at our coal-fired and nuclear plants.
- TVA owns seven locks in Tennessee (six main locks and one auxiliary lock), serving about 110 Tennessee ports and terminals. About 15 million tons of cargo moved through the facilities in fiscal year 2021.
- TVA operates its dams and reservoirs in Tennessee as part of an integrated multi-purpose reservoir system to provide numerous stakeholders a variety of benefits which can include: navigation, flood risk reduction, low-cost hydropower, water supply, water quality, and recreational opportunities. At Chattanooga, which is prone to flooding because of its location just upstream from where the Tennessee River flows through the narrow passes of the Cumberland Mountains, operation of TVA's flood-control system has helped prevent about \$9.7 billion in flood damage since its construction.
- Ninety-three municipalities, 35 industries and four mining companies in Tennessee draw water from the Tennessee River system. Water also is drawn for power plant cooling and irrigation.
- TVA schedules releases of water from the Apalachia, Norris, Ocoee 1, Ocoee 2, Ocoee 3, Tims Ford and Watauga/Wilbur dams to support tailwater recreation in Tennessee.

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## Other TVA Operations

Tennessee households achieved **14** million kilowatt-hours of Energy Efficiency savings | **6,838** Home Energy Evaluations  
**2,060** DIY Home Energy Assessments  
**766** Home Uplift Homes

3,719 new homes and 178 existing homes were provided incentives to install Smart Electric Technologies.

Businesses achieved **32.5** million kilowatt-hours of Energy Efficiency savings | **43.5M kWh** added via electrification  
**\$4.5 million** in TVA incentives

Demand Response **1,065** participating businesses | **466 megawatts** potential peak load reduction  
**\$30.4 million** in TVA incentives

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## Personnel

**7,014** TVA employees | **13,475** TVA retirees

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## TVA Suppliers

Supplies Purchased from Tennessee Vendors | **\$26.3** million fossil fuels & associated services

**\$1.4** billion non-fuel materials and services

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## Economic Impact

**54,700** jobs created or retained | **\$6.5** billion capital investment

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## Tax Equivalent Payments

**\$339.52** million Paid in lieu of taxes