

Energy Sales

Sold
91.3 billion
 kilowatt-hours of electricity to
61 municipals and **22** co-ops

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

Served
46 billion
 kilowatt-hours of electricity
 to **477,000** commercial
 and industrial customers*
 through the LPCs

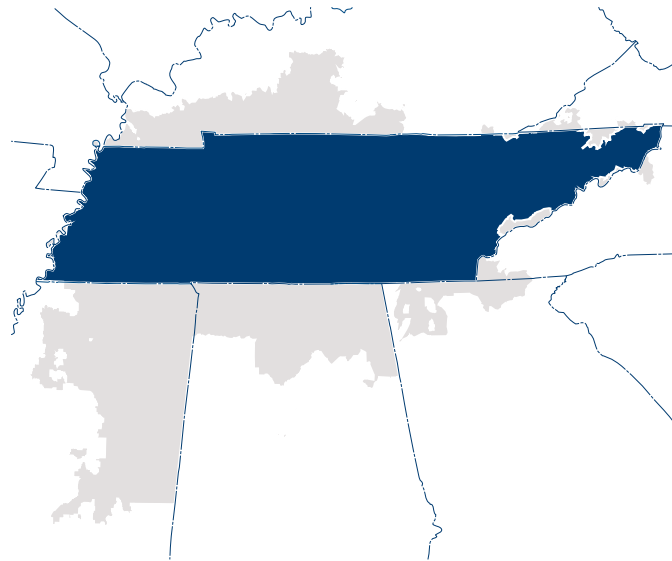
Home to
24 direct-served
 customers purchasing
5.7 billion
 kilowatt-hours of electricity

Revenue
\$6.7 billion
 power revenue in Tennessee
 | about **65.8%** of TVA total
 operating revenue

*1.05 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 19,655 megawatts.

271 substations &
 switchyards
 &
 miles of
 transmission
 line **9,453**

- 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 operates one wind and eight solar facilities in Tennessee: a 2.4-kilowatt wind facility and a 20-kilowatt solar facility at Melton Hill Dam near Lenoir City, a 700-kilowatt facility at the Allen Combined Cycle plant in Memphis, a 25.7-kilowatt facility at the Adventure Science Center in Nashville, a 8.6-kilowatt facility at Cocke County High School in Newport, a 7.2-kilowatt facility at Morgan County Vocational School in Wartburg, a 82.6-kilowatt facility at Finley Stadium in Chattanooga, a 16.4-kilowatt facility at Gibson County High School in Dyer, and a 27-kilowatt facility at the Bridges Center in Memphis.
- TVA has contracted for 976.6 megawatts of renewable biomass, low-impact hydro, solar and wind capacity in Tennessee.

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 Guntersville 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 hosts more than 39,000 visitors a year. The Norris Dam Visitor Center—overlooking the powerhouse, Norris Reservoir and a marina—receives almost 31,000 visitors a year. The centers were closed in 2020 due to the COVID-19 pandemic and remain closed as of March 15, 2021.

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 in 2020 due to the COVID-19 pandemic and remain closed as of March 15, 2021.
- Bassmaster named Chickamauga Reservoir 15th best bass lake in the country over the past decade.

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 Fossil 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 16 million tons of cargo moved through the facilities in fiscal year 2020.
- 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 \$7.2 billion in flood damage since its construction.
- Ninety-three municipalities, 34 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.

Other TVA Operations

Tennessee households achieved **21** million kilowatt-hours of Energy Efficiency savings

13,976 Home Energy Evaluations
3,787 DIY Home Energy Assessments
336 Home Uplift Homes

4,433 new homes and 571 existing homes were provided incentives to install Smart Electric Technologies.

TVA Suppliers

Supplies Purchased from Tennessee Vendors	\$1.4 billion non-fuel materials and services
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Personnel

6,581 TVA employees	13,669 TVA retirees
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Economic Impact

45,300 jobs created or retained	\$5.2 billion capital investment
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Tax Equivalent Payments

\$372.8 million
Paid in lieu of taxes