

TVA in Tennessee



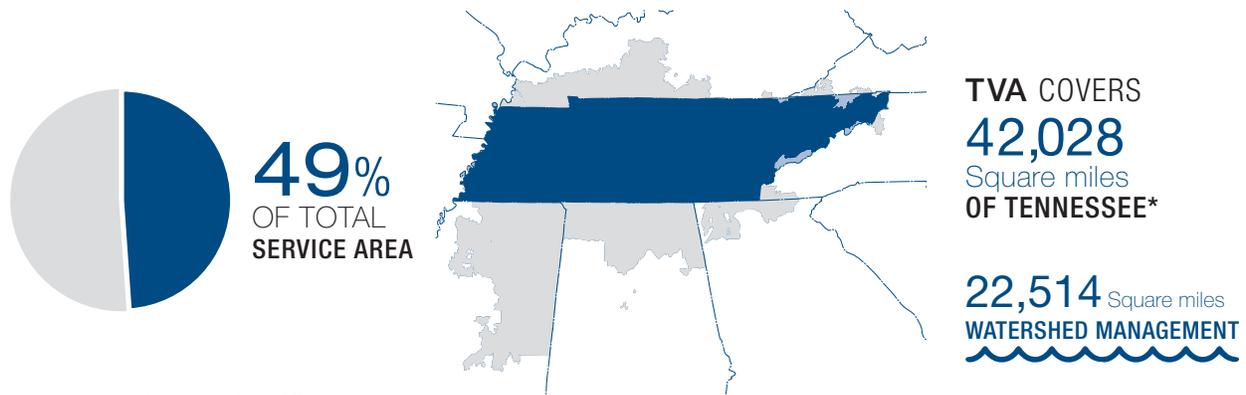
FISCAL YEAR 2019 (OCTOBER 2018 – SEPTEMBER 2019)

Energy Sales

SOLD	PROVIDED	SERVED	HOME TO	REVENUE
95.7 billion kilowatt-hours OF ELECTRICITY TO 61 municipals & 22 co-ops	41 billion kilowatt-hours OF ELECTRICITY TO 2.8 million HOUSEHOLDS Through the LPCs	49 billion kilowatt-hours OF ELECTRICITY TO 471,000 Commercial & Industrial Customers* Through the LPCs	24 DIRECT-SERVED Customers PURCHASING 6.1 BILLION kilowatt-hours OF ELECTRICITY	\$7.419 billion power revenue IN TENNESSEE 2019 65.6% of TVA TOTAL Operating Revenue

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

Service Area



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

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 facility, with a combined generating capacity of more than 20,600 megawatts.

267 substations &
 switchyards
 MILES
 of transmission
 LINE **9,491**

- » 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: Brownsville, Gallatin, Gleason, and Johnsonville host combustion turbine plants. John Sevier has a combined cycle plant. Lagoon Creek and Allen feature both a combustion turbine and combined cycle plants.
- » Pumped-storage hydroelectric plant: Raccoon Mountain.
- TVA operates seven solar facilities in Tennessee: a 1-megawatt facility at the Allen Combined Cycle plant in Memphis, a 31-kilowatt facility at the Adventure Science Center in Nashville; a 10-kilowatt facility at Cocke County High School in Newport; a nine-kilowatt facility at Morgan County Vocational School in Wartburg, a 97-kilowatt facility at Finley Stadium in Chattanooga, a 20-kilowatt facility at Gibson County High School in Dyer and a 32-kilowatt facility at the Bridges Center in Memphis.

Land and Water Stewardship

- TVA manages 33 reservoirs in Tennessee. These include 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. These 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 Facility and Laurel Point hosted more than 39,560 visitors in 2019. Raccoon Mountain is TVA's largest hydroelectric facility. The Norris Dam Visitor Center—overlooking the powerhouse, Norris Reservoir and a marina—received over 30,950 visitors in 2019.
- There are unstaffed visitor centers at South Holston, Fort Patrick Henry, Melton Hill and Douglas dams.
- In 2019, Bassmaster named Chickamauga Reservoir the 6th best bass lake in the country.

7,000 miles of
SHORELINE

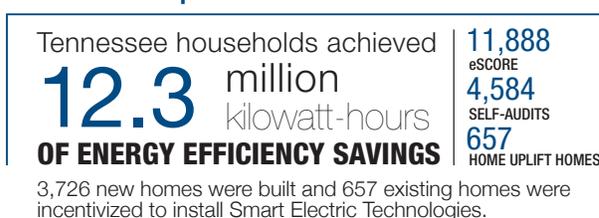


170,000
ACRES of PUBLIC LAND

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 facility 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 2019.
- 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.
- About 93 municipalities, 33 industries and six 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



Tax Equivalent Payments



Personnel



Economic Impact



TVA Suppliers

