

TVA in North Carolina

Energy Sales

Sold

1.1 billion

kilowatt-hours of electricity to
1 municipal and 3 co-ops

Provided

404 million

kilowatt-hours of electricity
to over 35,000 households
through the LPCs

Served

446 million

kilowatt-hours of electricity
to about 9,000 commercial
and industrial customers*
through the LPCs

Revenue

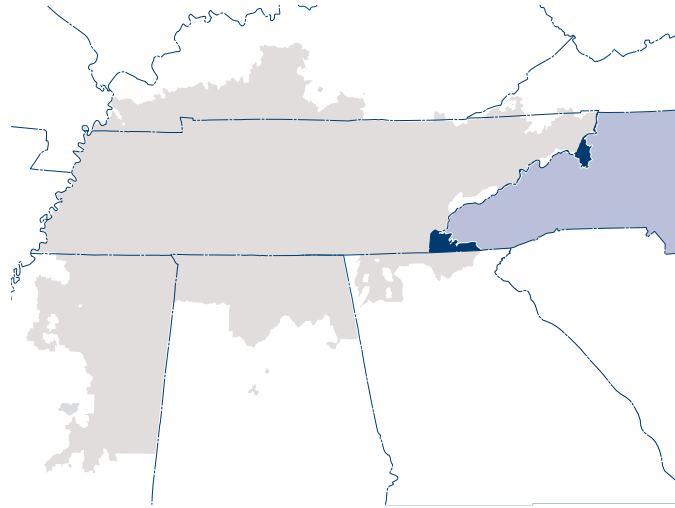
\$66 million

power revenue in North
Carolina 2021 | .06% of TVA
total operating revenue

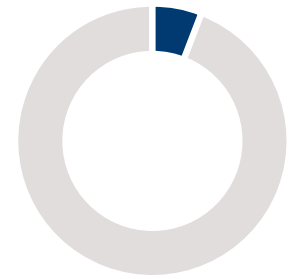
*8 million kilowatt-hours to outdoor lighting
customers. LPC = local power company

Service Area

TVA serves the North Carolina counties of Avery, Burke, Cherokee, Clay, McDowell and Watauga.



6%
of total
service area



TVA Covers
5,535 square
miles of
North Carolina

5,476 square
miles
**Watershed
Management**

Power Generation and Transmission


- TVA owns and operates four hydroelectric dams in North Carolina with a combined generating capacity of 492 megawatts. The dams are Apalachia and Hiwassee in Cherokee County; Chatuge in Clay County; and Fontana in Swain and Graham counties.

9 substations &
switchyards
miles of
transmission
line **119**

- TVA has contracted for 19.2 megawatts of renewable solar and wind capacity in North Carolina.

Land and Water Stewardship

- TVA manages four reservoirs in western North Carolina—Apalachia, Fontana, Hiwassee and a portion of Chatuge. These reservoirs have a combined surface area of nearly 21,000 acres and about 530 miles of shoreline.
- TVA manages recreational, natural and cultural resources on more than 1,500 acres of public land around its reservoirs in North Carolina and partners with communities and 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 Fontana Dam typically welcomes about 58,000 visitors a year. The center was closed throughout 2021 due to the COVID-19 pandemic.

530 miles of
shoreline

1,500
acres of public land

River Management

- TVA maintains the structural, seismic and hydraulic integrity of four dams in North Carolina: Apalachia, Chatuge, Fontana and Hiwassee.
- TVA operates its dams and reservoirs in North Carolina as part of an integrated multi-purpose reservoir system to provide numerous stakeholders a variety of benefits that include navigation, flood risk reduction, low-cost hydropower, water supply, water quality and recreational opportunities.
- Twenty-three municipalities, 11 industries and eight mining companies in North Carolina draw water from the Tennessee River system. Water also is drawn for power plant cooling and irrigation.

Other TVA Operations

North Carolina households achieved

110,061 kilowatt-hours
of Energy Efficiency savings

53 Home Energy Evaluations
8 DIY Home Energy Assessments

13 existing homes were provided incentives to install Smart Electric Technologies.

TVA Suppliers

Supplies Purchased from North Carolina Vendors

\$159.6 million
non-fuel materials and services

Personnel

29 TVA employees | **219** TVA retirees

Tax Equivalent Payments

\$3.05 million
Paid in lieu of taxes