

TVA in North Carolina

Energy Sales

Sold
1 billion

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

Provided
383 million

kilowatt-hours of electricity
to over 34,000 households
through the LPCs

Served
418 million

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

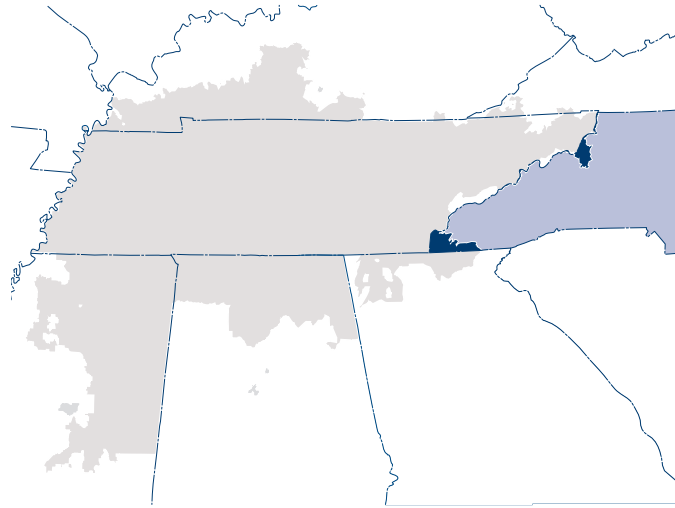
Revenue
\$65 million

power revenue in North
Carolina 2020 | .06% of TVA
total operating revenue

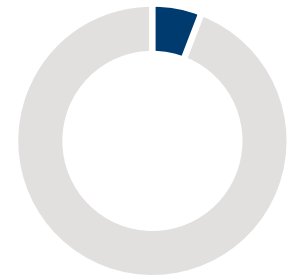
*7.8 million kilowatt-hours to outdoor lighting
customers. LPC = local power company

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 523 megawatts. The dams are Apalachia and Hiwassee in Cherokee County; Chatuge in Clay County; and Fontana in Swain and Graham counties.

11 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 welcomes about 58,000 visitors a year. The center was closed in 2020 due to the COVID-19 pandemic and remains closed as of March 15, 2021.

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, 13 industries and 17 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
91,969 kilowatt-hours
of Energy Efficiency savings

39 Home Energy Evaluations
24 DIY Home Energy Assessments

1 new home and 28 existing homes were provided incentives to install Smart Electric Technologies.

TVA Suppliers

Supplies Purchased from North Carolina Vendors | **\$119.6** million
non-fuel materials and services

Personnel

28 TVA employees | **221** TVA retirees

Economic Impact

518 jobs created or retained | **\$13.2** million capital investment

Tax Equivalent Payments

\$3.3 million
Paid in lieu of taxes