

TVA in North Carolina



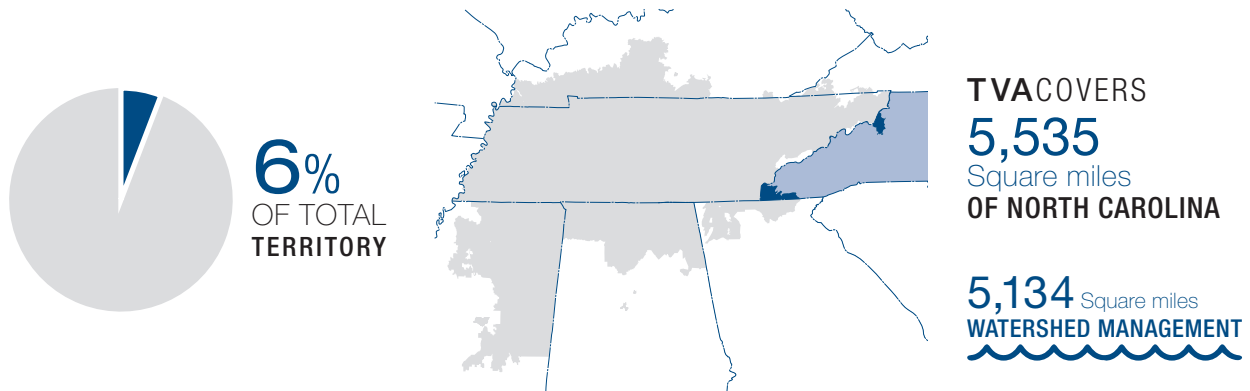
FISCAL YEAR 2017 (OCTOBER 2016 – SEPTEMBER 2017)

Energy Sales

SOLD	PROVIDED	SERVED	REVENUE
747 million kilowatt-hours OF ELECTRICITY TO 1 municipal & 3 co-ops	344 million kilowatt-hours OF ELECTRICITY TO 33,693 HOUSE HOLDS through the LPCs	225 million kilowatt-hours OF ELECTRICITY TO 9,000 Commercial & Industrial Customers* through the LPCs	\$56 million Power Revenue IN THE STATE OF NORTH CAROLINA for 2017

*7.9 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.

Power Generation and Transmission

- TVA owns and operates four hydroelectric dams in North Carolina with a combined generation 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

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 in North Carolina.

530 miles of
SHORELINE

1,500
 ACRES of
PUBLIC LAND

- North Carolina residents enjoy camping, fishing, boating, swimming and other recreational opportunities provided by the reservoirs, as well as economic benefits of recreation and tourism. TVA maintains four day-use areas on the reservoirs and 13 stream access sites.
- TVA manages recreational and cultural resources on more than 1,500 acres of public land around reservoirs in North Carolina and partners with state, local and regional stakeholders to improve water quality, shoreline conditions, recreation and biodiversity in these reservoirs and their tributaries.
- The TVA visitor center at Fontana Dam hosted 64,000 visitors in 2017.

River Management

- TVA maintains the structural, seismic and hydraulic integrity of four dams in North Carolina.
- TVA operates the dams and reservoirs in North Carolina 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 and recreational opportunities.
- Twenty-one municipalities, thirteen industries and eighteen 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	99
294,000 kilowatt-hours	eSCORE
OF ENERGY EFFICIENCY SAVINGS	20
	SELF-AUDITS

Tax Equivalent Payments

\$2.8 million
PAID IN LIEU OF TAXES

Personnel

23 TVA EMPLOYEES	225 TVA RETIREES
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TVA Suppliers

SUPPLIES PURCHASED FROM NORTH CAROLINA VENDORS	\$461 million
	non-fuel materials and services