

# TVA in North Carolina



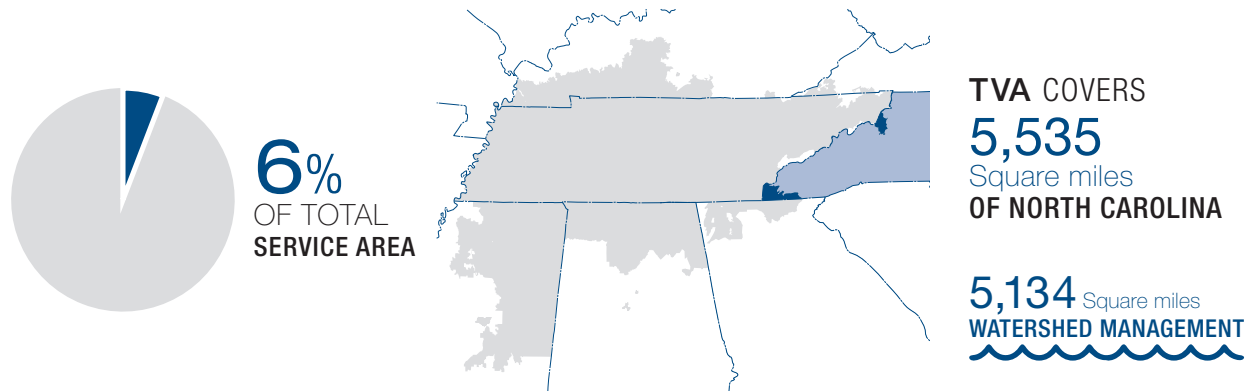
FISCAL YEAR 2018 (OCTOBER 2017 – SEPTEMBER 2018)

## Energy Sales

SOLD	PROVIDED	SERVED	REVENUE
<b>910 million</b> kilowatt-hours <b>OF ELECTRICITY TO</b> <b>1</b> municipal & <b>3</b> co-ops	<b>382 million</b> kilowatt-hours <b>OF ELECTRICITY TO</b> <b>34,000</b> HOUSE HOLDS through the LPCs	<b>294 million</b> kilowatt-hours <b>OF ELECTRICITY TO</b> <b>9,000</b> Commercial & Industrial Customers* through the LPCs	<b>\$66 million</b> Power Revenue <b>IN THE STATE OF</b> <b>North Carolina</b> IN 2018

\*26.9 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 generating capacity of 572 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.

- North Carolina residents enjoy camping, fishing, boating, swimming and other recreational opportunities provided by TVA reservoirs, as well as economic benefits of recreation and tourism. TVA maintains four day-use areas on our reservoirs and 13 stream access sites.
- 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 hosted 53,934 visitors in 2018.

**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, Chatuga, 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 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	<b>144</b>
<b>213,160</b> kilowatt-hours	eSCORE
<b>OF ENERGY EFFICIENCY SAVINGS</b>	<b>23</b>
Three new homes were built and 11 new homes were incentivized to install Smart Electric Technologies.	SELF-AUDITS

**Tax Equivalent Payments**

<b>\$2</b> million
<b>PAID IN LIEU OF TAXES</b>

**Personnel**

<b>21</b> TVA EMPLOYEES	<b>226</b> TVA RETIREES
-------------------------	-------------------------

**TVA Suppliers**

<b>SUPPLIES PURCHASED FROM NORTH CAROLINA VENDORS</b>	<b>\$390.5</b> million
	non-fuel materials and services