TVA in Alabama

Energy Sales

SOLD
18.6 billion kilowatt-hours
OF ELECTRICITY TO 17 municipals & 8 co-ops

PROVIDED
7.84 billion kilowatt-hours
OF ELECTRICITY TO 510,000 HOUSEHOLDS
Through the LPCs

SERVED
9.79 billion kilowatt-hours
OF ELECTRICITY TO 102,000 Commercial & Industrial Customers* Through the LPCs

HOME TO
11 DIRECT-SERVED Customers PURCHASING 5.2 BILLION kilowatt-hours OF ELECTRICITY

REVENUE
$1.6 billion Power Revenue IN ALABAMA 2019 14.1% of TVA TOTAL Operating Revenue

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

Service Area

TVA COVERS 8,979 Square miles OF ALABAMA
Local power companies who distribute TVA power serve the following Alabama counties: Blount, Calhoun, Cherokee, Colbert, Cullman, DeKalb, Etowah, Franklin, Jackson, Jefferson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan and Winston.

TVA COVERS 6,826 Square miles WATERSHED MANAGEMENT

Power Generation and Transmission

- In Alabama, TVA operates three hydroelectric dams (Guntersville, Wheeler and Wilson), one nuclear power plant (Browns Ferry) and one natural gas-fueled combustion turbine site (Colbert), with a combined generating capacity of more than 4,870 megawatts.

- TVA operates two solar facilities in Alabama—a 23-kilowatt site at the Huntsville Botanical Gardens and a 36-kilowatt site at the Florence wastewater treatment facility.

76 substations switchyards & 2,398 MILES OF transmission LINE

TENNESSEE VALLEY AUTHORITY | ALABAMA STATE FACT SHEET
Land and Water Stewardship

- Guntersville, Wheeler, Wilson and Pickwick reservoirs in northern Alabama have a combined surface area of about 200,000 acres and about 2,700 miles of shoreline.

- Bear Creek, Upper Bear Creek, Little Bear Creek and Cedar Creek reservoirs in northwestern Alabama have a combined surface area of about 8,000 acres and about 250 miles of shoreline.

- TVA manages recreational, natural and cultural resources on more than 90,000 acres of public land around these reservoirs 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.

- In 2019, Bassmaster named the Guntersville Reservoir the second best bass lake in the country.

- There are unstaffed visitor centers at Guntersville and Wilson Dams.

River Management

- TVA maintains the structural, seismic and hydraulic integrity of seven dams in Alabama, including three hydroelectric dams on the main channel of the Tennessee River and four non-generating dams in the Bear Creek watershed.

- TVA manages flows to support thermal compliance at Browns Ferry Nuclear Plant.

- TVA operates the dams and reservoirs in Alabama 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.

- TVA owns six locks in Alabama that serve 60 Alabama ports and terminals. Approximately 22 million tons of cargo moved through the facilities in fiscal year 2019.

- TVA dams and reservoirs in Alabama are operated in conjunction with others in the TVA system to store flood water for controlled release. Operation of this system helps avert an average of $280 million in flood damage per year.

- Twenty-six municipalities and 12 industries in Alabama draw water from the Tennessee River system. Water also is drawn for power-plant cooling and irrigation.

- TVA schedules releases from Upper Bear Creek Dam in northwestern Alabama to support canoeing and kayaking on the Bear Creek floatway.
<table>
<thead>
<tr>
<th>Other TVA Operations</th>
<th>Tax Equivalent Payments</th>
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<tbody>
<tr>
<td><strong>Alabama households achieved</strong> 1.36 million kilowatt-hours of energy efficiency savings</td>
<td><strong>$85.8 million</strong> paid in lieu of taxes</td>
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<td>1,703 new homes were built and 263 existing homes were incentivized to install Smart Electric Technologies.</td>
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<th>Personnel</th>
<th>Economic Impact</th>
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<tbody>
<tr>
<td><strong>1,990</strong> TVA employees</td>
<td><strong>12,300</strong> jobs created or retained</td>
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<td><strong>4,445</strong> TVA retirees</td>
<td><strong>$1.7 billion</strong> invested</td>
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<th>TVA Suppliers</th>
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<tr>
<td><strong>SUPPLIES PURCHASED FROM ALABAMA VENDORS</strong></td>
<td><strong>$476.5 million</strong> non-fuel materials and services</td>
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