

TVA in Tennessee

ENERGY SALES

- In fiscal year 2003, TVA sold more than 90 billion kilowatt-hours of electricity to 62 municipal and 22 cooperatively owned power companies in Tennessee.
- Distributors of TVA power provided approximately 37.6 billion kilowatt-hours of electricity to more than 2.4 million Tennessee households in fiscal year 2003.
- Distributor sales to 417,322 commercial and industrial customers totaled more than 48 billion kilowatt-hours. In addition, distributors in Tennessee sold over one billion kilowatt-hours to outdoor lighting customers.
- TVA provided more than eight billion kilowatt-hours of electricity directly to 24 large industries and federally owned installations in Tennessee in 2003.
- TVA power revenues in Tennessee in fiscal year 2003 totaled more than \$4.3 billion, or about 64 percent of all TVA power revenues.

SERVICE AREA

- TVA serves virtually all of the 95 counties in the state of Tennessee.
- The TVA service area in Tennessee is over 42,000 square miles.

POWER GENERATION AND TRANSMISSION

- TVA operates 21 hydroelectric dams, seven coal-fired power plants, two nuclear power plants, and four combustion turbine sites in Tennessee, with a combined generating capacity of more than 19,000 megawatts.
 - Coal-fired Plants: Allen, Bull Run, Cumberland, Gallatin, John Sevier, Johnsonville, and Kingston; with combustion turbines at Allen, Gallatin, Johnsonville, and Lagoon Creek.
 - Nuclear Plants: Sequoyah and Watts Bar.
 - Hydroelectric Plants: Boone, Cherokee, Chickamauga, Douglas, Fort Loudoun, Fort Patrick Henry, Great Falls, Melton Hill, Nickajack, Norris, Ocoee 1, Ocoee 2, Ocoee 3, Raccoon Mountain Pumped Storage, Pickwick Landing, South Holston, Tims Ford, Watauga, Watts Bar, and Wilbur.
- TVA owns and/or maintains 259 substations and switching stations and 10,194 circuit miles of transmission line in Tennessee.



- TVA operates nine solar facilities in the state of Tennessee: a 27-kilowatt facility at the Adventure Science Center in Nashville, two 18-kilowatt facilities at Dollywood in Pigeon Forge, an 18-kilowatt facility at Gibson County High School in Dyer, a 15-kilowatt facility at Ijams Nature Center in Knoxville, a nine-kilowatt facility at Cocke County High School in Newport, a 15-kilowatt facility at the American Museum of Science and Energy and an eight-kilowatt facility at the Oak Ridge National Laboratory in Oak Ridge, and an 85-kilowatt facility at Finley Stadium in Chattanooga.
- TVA operates three wind turbines on Buffalo Mountain in Oliver Springs, with a generation capacity of two megawatts.
- TVA generates methane gas from the City of Memphis wastewater treatment facility, which is then provided to TVA's Allen Fossil Plant as an additional source of renewable energy with a generating capacity of four megawatts.

LAND AND WATER STEWARDSHIP

- TVA manages 21 reservoir systems in Tennessee: Beech River, Boone, Cherokee, Chickamauga, Douglas, Fort Loudoun, Fort Patrick Henry, Great Falls, Melton Hill, Nickajack, Nolichucky, Normandy, Norris, Ocoee No. 1, Tellico, Tims Ford, Watauga, Watts Bar, and Wilbur, and portions of Pickwick and South Holston. These reservoirs have a combined surface area of 57,500 acres and more than 7,500 miles of shoreline.
- TVA is responsible for 175,000 acres of land around these reservoirs and their tributaries.

PERSONNEL

- There are more than 9,200 TVA employees in Tennessee.
- Tennessee is home to more than 12,700 TVA retirees and their families.

TAX-EQUIVALENT PAYMENTS

- TVA paid \$200,171,229 in lieu of taxes to the State of Tennessee in fiscal year 2003, based on power sales and power property values in the state. TVA is the largest single contributor of revenue to the state treasury by a significant margin.

ECONOMIC DEVELOPMENT

- Since 1995, TVA has invested \$77.5 million in economic development loans for new and expanding industries in Tennessee. These loans have helped create approximately 26,700 new jobs and leveraged almost \$1.4 billion in additional investments from private and public sources.

TVA SUPPLIERS

- TVA purchased \$1.2 billion in materials and services, \$92.5 million in fossil fuel, and \$10.3 million in nuclear fuel from Tennessee vendors in fiscal year 2003, for a total of \$1.3 billion.

