

TVA in Kentucky

Energy Sales

- In fiscal year 2007, TVA sold nearly 8.4 billion kilowatt-hours of electricity to 14 municipal and five cooperatively owned power companies serving customers in Kentucky.
- Distributors of TVA power provided 3.3 billion kilowatt-hours of electricity to almost 226,000 households in 28 counties in western and central Kentucky.
- Kentucky distributors of TVA power served more than 50,700 commercial and industrial customers in fiscal year 2007, with sales of over 4.5 billion kilowatt-hours. In addition, distributors in Kentucky sold more than 114 million kilowatt-hours to outdoor-lighting customers.
- TVA provided about 14.5 billion kilowatt-hours of electricity directly to 14 large industries and federally owned installations in Kentucky in 2007.
- TVA power revenues in Kentucky in 2007 totaled more than \$466 million or about 6 percent of all TVA operating revenues.

Service Area

- Distributors of TVA power serve all or a portion of the following counties in south central and western Kentucky: Adair, Allen, Barren, Butler, Caldwell, Calloway, Carlisle, Christian, Cumberland, Edmondson, Fulton, Graves, Grayson, Hickman, Logan, Lyon, Marshall, McCracken, McCreary, Metcalfe, Monroe, Muhlenberg, Ohio, Todd, Trigg, Simpson, Warren, and Whitley.
- The TVA service area in Kentucky covers about 10,914 square miles.

Power Generation and Transmission

- TVA operates one hydroelectric dam, combustion turbines, and two-coal fired power plants in Kentucky. The combined generating capacity is more than 4,520 megawatts. The coal-fired plants are Paradise and Shawnee, the combustion turbines are in Marshall County, and the hydroelectric plant is Kentucky.
- TVA operates a 36-kilowatt solar facility at Lovers Lane soccer complex in Bowling Green.
- TVA owns and/or maintains 53 substations and switchyards and 1,623 circuit miles of transmission line in Kentucky.

Land and Water Stewardship

- Kentucky Reservoir has a surface area of 160,300 acres and about 2,000 miles of shoreline.

- TVA manages recreation, natural, and cultural resources on more than 60,000 acres of public land around Kentucky Reservoir and partners with local and regional stakeholders to improve water quality, shoreline conditions, and biodiversity.
- Kentucky residents enjoy camping, fishing, boating, swimming, and other recreational opportunities provided by Kentucky Reservoir, as well as economic benefits resulting from reservoir-based tourism.

River Management

- TVA maintains the structural, seismic, and hydrologic integrity of Kentucky Dam, the longest dam on the Tennessee River.
- TVA manages Kentucky Lock, serving 35 Kentucky ports and terminals. More than 47 million tons of cargo move through these facilities annually.
- Kentucky Dam and Reservoir are operated in conjunction with others in the TVA system to reduce local flooding and lower flood crests on the lower Ohio and Mississippi rivers. Operation of this system helps avert an average of \$230 million in flood damage per year.
- Five industries, two mining companies, and one municipality (Grand Rivers) in Kentucky withdraw water from Kentucky Reservoir.
- Fiscal year 2007 was the driest period in 118 years in the Valley. In fact, yearly rainfall amounts in the Valley have been below normal for the past four fiscal years, with the 2007 rainfall at 33 percent below normal. As a result, TVA's hydroelectric power generation has been significantly impacted. For fiscal year 2007, hydro generation was 31 percent below normal.

Personnel

- There are about 950 TVA employees based in Kentucky.
- Kentucky is home to close to 1,480 TVA retirees and their families.

Tax-Equivalent Payments

- TVA paid \$37,691,687 in lieu of taxes to the state of Kentucky in 2007 based on power sales and power-property values in the state.

Economic Development

- Since 1995, TVA has invested \$22 million in economic-development loans for new and expanding industries in Kentucky. These loans have helped create approximately 5,900 new jobs and leveraged more than \$289 million in additional funding from public and private sources.

TVA Suppliers

- TVA purchased \$502.4 million worth of fuel, materials, and services from Kentucky vendors in fiscal year 2007 — \$16.6 million in materials and services, and \$485.8 million in fossil fuel.