TVA in North Carolina

Energy Sales

- In fiscal year 2008, TVA sold 788 million kilowatt-hours of electricity to one municipal power company and three cooperatively owned power companies serving customers in North Carolina as follows: the Murphy Power Board, Blue Ridge Mountain Electric Membership Corp., Tri-State Electric Membership Corp., and Mountain Electric Cooperative.

- Distributors of TVA power are located in five North Carolina counties and serve over 32,000 households, with sales of slmost 353 million kilowatt-hours in fiscal year 2008.

- Distributors of TVA power served approximately 8,600 commercial and industrial customers, with sales of almost 300 million kilowatt-hours. In addition, distributors in North Carolina sold almost 8 million kilowatt-hours to outdoor-lighting customers.

- TVA sold more than 5.8 million kilowatt-hours of electricity directly to industry in North Carolina.

- TVA revenues in North Carolina totaled more than $57 million in fiscal year 2008.

Service Area

- The North Carolina counties served by distributors of TVA power are Avery, Burke, Cherokee, Clay, and Watauga.

- The TVA service area in North Carolina covers 1,737 square miles.

Power Generation and Transmission

- TVA owns and operates four hydroelectric dams in North Carolina with a combined generation capacity of 532 megawatts. The dams are Appalachia and Hiwassee in Cherokee County, Chatuge in Clay County, and Fontana in Swain and Graham counties.

- TVA owns and/or maintains six substations and switchyards and nearly 115 circuit miles of transmission line in North Carolina.

- As part of a strategy to meet the Valley's future power demand, TVA has a goal of reducing the growth of peak power by 1,400 megawatts by the end of 2012. TVA's Energy Efficiency and Demand Response group has partnered with distributors of TVA power to find sustainable opportunities to reduce peak power demand.

Land and Water Stewardship

- TVA manages the following 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.

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- North Carolina residents enjoy camping, fishing, boating, swimming, and other recreational opportunities provided by these reservoirs, as well as economic benefits resulting from reservoir-based tourism.

- The visitor center at Fontana Dam welcomes more than 30,000 visitors every year.

- TVA manages recreation and cultural resources on more than 1,500 acres of public land around reservoirs in North Carolina and partners with local and regional stakeholders to improve water quality, shoreline conditions, and biodiversity in these reservoirs and their tributaries.

River Management

- TVA maintains the structural, seismic, and hydrologic integrity of four dams in North Carolina.

- TVA dams and reservoirs in North Carolina are operated in conjunction with others in the TVA system to store flood waters for controlled release. Operation of this system helps avert an average of $230 million in flood damage per year.

- Twenty-four municipalities, eight industries, and 11 mining companies in North Carolina withdraw water from the Tennessee River system.

Personnel

- There are 33 TVA employees based in North Carolina.

- North Carolina is home to more than 180 TVA retirees and their families.

Tax-Equivalent Payments

- TVA paid $2,604,755 in lieu of taxes to the state of North Carolina in 2008 based on power sales and power-property values in the state.

Economic Development

- Since 1995, TVA has provided technical assistance and invested $819,770 in economic-development loans for new and expanding industries in the five North Carolina counties served by TVA power. The loans have helped create 130 jobs and leveraged an additional investment of $1.5 million from other sources.

TVA Suppliers

- TVA purchased $14.5 million worth of fuel, materials, and services from North Carolina vendors in fiscal year 2008 — $12.7 million in materials and services, and $1.8 million in nuclear fuel.