



# FACT SHEET

## **Power System Upgrades Bradley and Hamilton Counties**

- Growing power demands and an increase in power generation in the Chattanooga area could create reliability issues in TVA's southeastern service area unless improvements are made to the transmission system in Bradley and Hamilton counties by mid-2006.
- To help serve power demands in TVA's southeastern service region, which are growing 2 to 4 percent annually, TVA will increase generation output from Raccoon Mountain Pumped Storage facility by approximately 290 megawatts.
- Increases in generation capacity, whether they result from TVA projects or another company's use of the TVA transmission system, typically require upgrades of various parts of the system. TVA has determined that a variety of improvements to the transmission system will be needed in Bradley and Hamilton counties. If the upgrades are not made, the existing transmission system may become overloaded or stability problems could cause damage to generating facilities in the Chattanooga area, as well as possible brownouts or power interruptions in the area.
- A significant amount of the construction and modification work associated with this transmission improvement project will take place at existing TVA facilities.
- The project also includes the proposed construction of a 500-kV substation near the border of Bradley and Hamilton counties. Four 50-to 60- acre alternative sites for the proposed substation have been identified.
- The transmission improvement project also will involve the rebuilding of up to five miles of transmission line as a double-circuit line to connect Chattanooga EPB directly into the new substation and the stringing of about 6.6 miles of new line on the vacant side of a 161-kV line that is currently in service. The additional transmission line will help ensure a strong voltage source for the area and reliable power for consumers.

- TVA representatives will be available at an open house on Thursday, April 8, at Collegedale City Hall to receive comments, answer questions, and discuss any aspect of the project. Those unable to attend the open house but have questions or comments may send a letter to W. Allen Miller, TVA, 1101 Market Street, MR 4G, Chattanooga, TN 37402-2801, send an e-mail to [newtransline@tva.com](mailto:newtransline@tva.com), or call 800-362-4355 (toll-free). All written comments on this proposed action should be received no later than May 8, 2004.
- Additional information on the power system upgrades may found at [www.tva.com/power/projects.htm](http://www.tva.com/power/projects.htm)