



Power System

That's why TVA is not just another power company. Combining private-sector efficiency with public-sector service, TVA provides affordable, reliable power to the people of the Tennessee Valley—and everybody profits.

[Transmission Line Projects](#)

Find out about current upgrades to the TVA transmission system, including information on public meetings and opportunities to comment.

[Green Power Switch](#)

Public participation is an important element of this program to generate power from renewable sources.

[Power Services](#)

At the nation's largest utility maintenance facility, TVA can meet all your maintenance, materials testing, and repair needs.

TVA request for proposal for intermediate and peaking capacity

TVA is seeking proposals from qualified and eligible proposers to meet portions of its intermediate and/or peaking power supply requirements beginning as early as January 1, 2009 and as late as January 1, 2013.

[Read more](#) (PDF file 216 kb).

[Download proposal form](#) (Excel document 354 kb)

[Antenna Collocation](#)

TVA transmission towers and other structures offer many possibilities for locating telecommunications antennas throughout the region. Get information here.

[Dispersed Power Production Guidelines](#)

Current guidelines for the utilization of dispersed power production in the Tennessee Valley (PDF, 150 kb).

Safety First

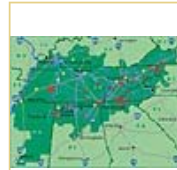
It's important to use electricity safely. Read [Danger! High Voltage](#) for tips about power-line safety outdoors and [The](#)

[Trees and Shrubs Under Power Lines](#)

Read information for property owners on TVA vegetation maintenance activities in transmission line rights-of-way.

[GPS Generation Partners](#)

This TVA program provides support for small-scale green power generation by homeowners and small businesses.



Reservoirs & Power Plants

Our [interactive map](#) is your guide to the network of reservoirs and power plants operated by TVA. Read details about each facility and its role in the integrated system.

Fast Facts

The TVA system includes three nuclear, 11 fossil, 29 hydroelectric, six combustion-turbine, and one pumped-storage plant. TVA's renewable energy program, Green Power Switch, includes 16 solar sites, one wind-energy site, and a methane gas facility.

Fossil-fuel plants produce about 60 percent of TVA's power, nuclear plants about 30 percent, and hydropower dams about 10 percent. Green power also contributes to the generation mix.

There are 158 locally owned distributors that sell TVA electricity to consumers and 58 large industrial and federal customers that receive TVA power directly.

[Danger of Electrical Shock](#) for at-home information.

[Public Power: A Voice and a Choice](#)

Public power provides about 25 percent of U.S. energy needs. Read about this critical component of the country's energy future (PDF file, 85 kb).

[Scientific Papers](#)

TVA carries out many studies on power quality and production, air quality, and other issues. View a listing of papers.

[energy right](#)

The *energy right* program helps residential customers make the most of their energy dollars.



TVA is a member of the NuStart consortium, which is composed of eight other utility companies, plus General Electric Company and Westinghouse Electric Company. The consortium was formed to investigate the design, certification and licensing of advanced nuclear power reactors in connection with the U.S. Department of Energy's Nuclear Power 2010 program.