



NEWS RELEASE

TVA's John Sevier Combined Cycle Plant Begins Commercial Operation

ROGERSVILLE, Tenn. - The John Sevier Combined Cycle Plant, located near Rogersville, Tenn., began commercial operation on Monday, April 30, a month ahead of schedule and about \$30 million under budget. The plant uses natural gas to produce 880 megawatts of electricity, enough to power approximately half a million homes.

"The John Sevier Combined Cycle Plant is a testament to TVA's commitment to provide cleaner, lower-cost generation," said Bob Deacy, senior vice president, Generation Construction, the organization within TVA responsible for the construction project. "Credit for this great success goes to the workers and the project management team for implementing the construction plan with a tireless eye toward quality work while beating our commitments for timing and budget."

The first cycle of a combined cycle plant uses three combustion turbines similar to jet engines to produce electricity. The heat from the exhaust of the turbines is captured in a secondary system to produce steam that is sent to a steam turbine, which generates additional electricity.

The John Sevier Combined Cycle Plant not only uses clean natural gas as fuel, but also is constructed with equipment that reduces emissions to a very low level. This supports TVA's vision to be a national leader in improving air quality.

"During start-up and testing the plant proved consistent and reliable in its electricity production, meaning it is going to be a dependable addition to our generating fleet," said Bob Dalrymple, vice president of TVA's Gas Generation fleet. "It serves a critical role in TVA's transmission system in northeast Tennessee."

The plant will be managed by a TVA staff of approximately 30 employees. It is located next to the John Sevier coal-fired plant, where two of the four units will be retired and two units idled at the end of this year.

The plant is the second combined cycle facility to operate within the state of Tennessee, and the second new generation site constructed by TVA since 2002. It is the fifth combined cycle site for TVA. TVA's other combined cycle plants are Caledonia, Magnolia and Southaven, all located in Mississippi; and Lagoon Creek near Brownsville, Tenn.

The Tennessee Valley Authority, a corporation owned by the U.S. government, provides electricity for business customers and distribution utilities that serve 9 million people in parts of seven southeastern states at prices below the national average. TVA, which receives no taxpayer money and makes no profits, also provides flood control, navigation and land management for the Tennessee River system and assists utilities and state and local governments with economic development.

(NOTE: A digital photo of the plant is available with the electronic version of this news release at www.tva.com/newsroom.)

#

Media Contact: Scott Brooks, Knoxville, (865) 632-8031
TVA Media Relations, Knoxville, (865) 632-6000
www.tva.com/news

(Distributed: April 30, 2012)