



Bull Run Fossil Plant

TVA Region Map



Bull Run Fossil Plant is located on Bull Run Creek near Oak Ridge, Tenn. It is the only single-generator coal-fired power plant in the TVA system. When the generator went into operation in 1967, it was the largest in the world in the volume of steam produced.

Balancing efficient power production with environmental protection

Electricity is generated at Bull Run by the process of heating water in a boiler to produce steam. Under extremely high pressure, the steam flows into a turbine that spins a generator to make electricity.



[Click for enlarged view](#)

Bull Run generates more than six billion kilowatt-hours of electricity a year, enough to supply about 430,000 homes. It has been ranked the most-efficient coal-fired plant in the nation 13 times and is consistently in the top five each year. In 2005, the plant achieved its best summer reliability ever, and in November of that year it set a plant record for continuous operation when it ran nonstop for 189 days with no unscheduled outages for maintenance or repairs.

Through 2011, TVA has spent about \$5.4 billion on emission controls at its fossil-fuel plants to help TVA produce power as cleanly as possible, consistent with efficiency.

[View more information about emissions at Bull Run and the steps TVA is taking to control them.](#)

Construction Projects

[Bull Run Plant Boundary Expansion](#)

Toxics Release Inventory

TVA is required to report annually to the Environmental Protection Agency on the amounts of chemicals released by its fossil-fuel plants. [Check here for the latest data on Bull Run.](#)

Emissions Data

TVA monitors other emissions at its fossil plants, including SO₂, NO_x, CO₂, and mercury. [Check here for the latest data on Bull Run.](#)

Bull Run: Facts & Figures

Construction on Bull Run Fossil Plant began in 1962 and was completed in 1967.

Bull Run has one coal-fired generating unit with a summer net capability of 870 megawatts. Net capability is a measure of how much power a plant can generate for a specified time period, minus the power used by the plant itself.

Bull Run's boiler, one of the largest in the United States, contains about 300 miles of tubes.

The plant consumes about 7,300 tons of coal a day.

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General Contact Information

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