

# TVA, DuPont to Continue Cogeneration Partnership at Johnsonville

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KNOXVILLE, Tenn. - The Tennessee Valley Authority and DuPont on Thursday announced the continuation of a partnership to generate power and steam at TVA's Johnsonville site in Humphreys County, Tenn.

The two companies, which have shared an arrangement in the county for nearly 20 years, recently agreed on a plan to convert an existing, limited-use combustion turbine at Johnsonville into a highly efficient combined heat and power, or CHP, plant. The turbine will produce electricity for TVA customers and steam for DuPont. CHP, also known as cogeneration, is the simultaneous production of electricity and heat from a single fuel source. Because less fuel is used to produce each unit of energy, cogeneration is a clean-energy option that reduces air pollution and greenhouse gas emissions.

TVA has long provided steam to DuPont from the Johnsonville Fossil Plant, a unique cogeneration relationship in the TVA system. But with TVA retiring the last four coal-fired units at Johnsonville by the end of 2017 under its clean-air agreement with the Environmental Protection Agency, a new steam source had to be found. The new, more efficient, 87-megawatt, gas-fired CHP facility will serve to generate power as needed for TVA customers as well as steam for DuPont's manufacturing operations when it comes online in January 2018.

"Obviously, we're pleased that we could work with TVA in identifying a solution that maintains the long-standing relationship we share in Humphreys County," DuPont Johnsonville Plant Manager Greg Martz said. "Our unique public-private partnership not only benefits our organizations, but it's also critical to the economic well-being of this region through our combined community efforts and the 1,000 well-paid jobs that remain here."

TVA operates 20 combustion turbine gas units at Johnsonville, including the one that will be converted to cogeneration.

"It really is a win-win," said Gary Harris, TVA vice president of Industrial Marketing and Services. "This new plant will produce reliable power for our customers and their end-use energy consumers while also providing DuPont with the process steam needed in its manufacturing operations next door."

DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace in the form of innovative products, materials and services since 1802. The company believes that by collaborating with customers, governments, NGOs and thought leaders, it can help find solutions to such global challenges as providing enough healthy food for people everywhere, decreasing dependence on fossil fuels, and protecting life and the environment. For additional information about DuPont, please visit <http://www.dupont.com>.

The Tennessee Valley Authority is a corporate agency of the United States that provides electricity for business customers and local power distributors serving 9 million people in parts of seven southeastern states. TVA receives no taxpayer

funding, deriving virtually all of its revenues from sales of electricity. In addition to operating and investing its revenues in its electric system, TVA provides flood control, navigation and land management for the Tennessee River system and assists local power companies and state and local governments with economic development and job creation.

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