

PPL Holtwood Doubles Capacity of Hydroelectric Facility

New 125-megawatt powerhouse begins commercial operation; project to improve fish passage

12-02-2013

HOLTWOOD, Pa., Dec. 2, 2013 /PRNewswire/ -- PPL Holtwood on Monday (12/2) announced completion of a new, 125-megawatt powerhouse at its Holtwoodhydroelectric facility along the Susquehanna River in south-central Pennsylvania.

(Photo: <http://photos.prnewswire.com/prnh/20131202/PH26121>)

The powerhouse is part of a \$440 million expansion project to boost the plant's generating capacity and improve fish passage over the century-old dam. The integrated improvements to the fish lifts and water flows are expected to better attract fish into the lifts and ease their migration along the Susquehanna River and its tributaries.

The new, state-of-the-art powerhouse sits adjacent to the century-old powerhouse and more than doubles the plant's generating capacity from about 108 megawatts to more than 230 megawatts. The additional capacity is enough to power about 100,000 homes.

"This project, one of the largest expansions of its kind in the U.S., represents a major investment in clean, reliable, renewable energy," said Victor Lopiano, senior vice president of Fossil & Hydro Generation for PPL.

"I thank everyone who was involved in design and construction of the new powerhouse," he said. "This project highlights the potential to upgrade existing hydroelectric facilities and expand capacity without the need to build new dams. The new facility's two 62.5-megawatt turbines are capable of generating more electricity than the 12 existing turbines, combined."

Lopiano said the hydroelectric expansion further strengthens the diversity of PPL's competitive generation fleet within the mid-Atlantic. The fleet includes hydroelectric power, nuclear power, natural gas and coal-fired power plants, along with other forms of renewable energy.

With the project complete, the company expects to qualify for federal grants made available through the American Recovery and Reinvestment Act of 2009. The incentives were a key factor in the company's decision to build the facility and are expected to exceed \$100 million.

The multi-year project created more than 300 construction jobs. Crews excavated more than 1.3 million cubic yards of rock, poured more than 71,000 cubic yards of concrete, dealt with the challenge of major tropical storms in recent years and took care to minimize disruption to wildlife in the area. The company, for example, worked closely with the U.S. Fish and Wildlife Service and the Pennsylvania Game Commission to develop a bald eagle management and monitoring plan to minimize any impact to nesting eagles. For its efforts, PPL Holtwood received the National Hydropower Association's Outstanding Stewards of America's Water award.

Final grading and site work is being completed at the facility, and hunting restrictions on PPL Holtwood land remain in effect.

Holtwood's existing powerhouse, started in 1906 and completed in 1910, continued to operate throughout the project and will continue to generate power moving forward. At the time the original powerhouse was

built, Holtwood included the longest dam in the U.S – nearly 2,400 feet long. The facility supported the continued electrification of communities throughout southeastern Pennsylvania.

PPL Holtwood is a subsidiary of PPL Generation and part of the PPL Corporation family of companies.

PPL Corporation (NYSE: PPL), with 2012 revenues of more than \$12 billion, is one of the largest companies in the U.S. utility sector. The PPL family of companies delivers electricity and natural gas to about 10 million customers in the United States and the United Kingdom, owns more than 18,000 megawatts of generating capacity in the United States and sells energy in key U.S. markets. More information is available at www.pplweb.com.

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