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# Fact Sheet - Susquehanna-Roseland Reliability Project

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## OVERVIEW

PJM Interconnection, L.L.C., the regional entity responsible for planning the transmission system, has determined that a 500,000 volt (500 kV) power line is needed between the Berwick area in Pennsylvania and the Roseland/East Hanover area in New Jersey to ensure reliability of electricity supplies in the region. PSE&G will build the New Jersey portion of this line, while PPL Electric Utilities, based in Allentown, PA, will build the Pennsylvania portion. The line will fun from PPL's Susquehanna substation in Berwick, PA. to

PSE&G's switching station in Roseland, NJ.

PSE&G has more than a century of experience in building and maintaining power lines that provide safe, reliable, low-cost and clean electricity to New Jersey residents. PSE&G is committed to ensuring that all project construction meets required safety and environmental standards.

## **New Jersey Regional Benefits**

Customers are using more electricity to power everything from big screen televisions to the latest kitchen appliances. As the continued demand for safe, highly reliable electricity grows, additional transmission lines are needed to this need now and into the future.

The Susquehanna-Roseland Electric Reliability Project will provide significant benefits for electric customers in the region, including:

Increased reliability of the high-voltage electric delivery system in the western region of the State, making it less likely that a problem with one power line would lead to a regional blackout like the one that affected millions of people in August 2003.

The line will prevent overloads on existing power lines in New Jersey and Pennsylvania.

Meeting future electricity demand will also ensure New Jersey's economic growth and sustainability.

## **Project At a Glance**

<b>Estimated Project Cost:</b>	\$1.4 to \$1.5 billion.
<b>Voltage Upgrades:</b>	500 kV

### **Project Need & Costs**

The Susquehanna-Roseland Reliability Project is required by PJM; therefore the estimated costs will be shared by the 51 million electric customers in the PJM regions, including 13 states and the District of Columbia.

The New Jersey portion is expected to cost approximately \$790 million, including construction of the new switching station in Hopatcong as well as expanding an existing switching station in Roseland. The Pennsylvania portion of the transmission line, to be built by PPL, is estimated to cost \$630 million.

### **The Route**

After a detailed study, PSE&G selected a route that minimized the impact of this important project on residents, their properties and the environment.

PPL Electric Utilities also determined the selection of this route to be the best pathway for the new transmission line.

The selected route begins in Hardwick Township, Warren County and proceeds east to Andover Township, Sussex County and on to Hopatcong Borough, also in Sussex County. The route continues east to Montville Township in Morris County and then turns south to Roseland Borough, Essex County. It follows an existing power line for the entire 45-mile length and will pass through 16

municipalities.

## Switching Station Upgrades

In addition to the placement of the new transmission towers and lines, PSE&G will also construct a new 500 kV GIS switching station in Hopatcong, as well as expand an existing switching station in Roseland to support the new 500 kV system.

## Anticipated Project Schedule

Construction Start Date: June 2012

In-Service Date: June 2015

## REGULATORY APPROVALS

- The NJ Board of Public Utilities (BPU) unanimously approved the project in February 2010 and issued the written order in April 2010.
- In June of 2009, a favorable determination was issued by the New Jersey Highlands Council for the portion of the project that crosses the Highlands region. In January 2010, the New Jersey Department of Environmental Protection (NJDEP) approved this determination.
- The final Environmental Impact Statement was released on August 31, 2012, with a Record of Decision issued on October 2, 2012.
- PSE&G and PPL have proposed a mitigation package valued between \$30 million to \$40 million for unavoidable impacts of the project on federal land.
- The utility has been granted all New Jersey Department of Environmental Protection (NJ DEP) permits.
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**For media inquiries regarding this project, please contact:**

PSE&G's Media Hotline  
973-430-7734

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