



# MONTVILLE-WHIPpany REINFORCEMENT PROJECT

*Proposed Transmission Line from Montville to East Hanover, Morris County*

The proposed Montville-Whippany Reinforcement Project is a new, 230-kilovolt transmission line between existing substations in East Hanover, N.J., and Montville, N.J. The project is expected to enhance service reliability, add operational flexibility and system redundancy to meet the growing demand for electricity. The approximately \$35 million project is part of JCP&L's *Energizing the Future* initiative, a \$250 million multi-year program that involves upgrading and strengthening its transmission system to meet the future energy needs of customers in northern and central New Jersey.

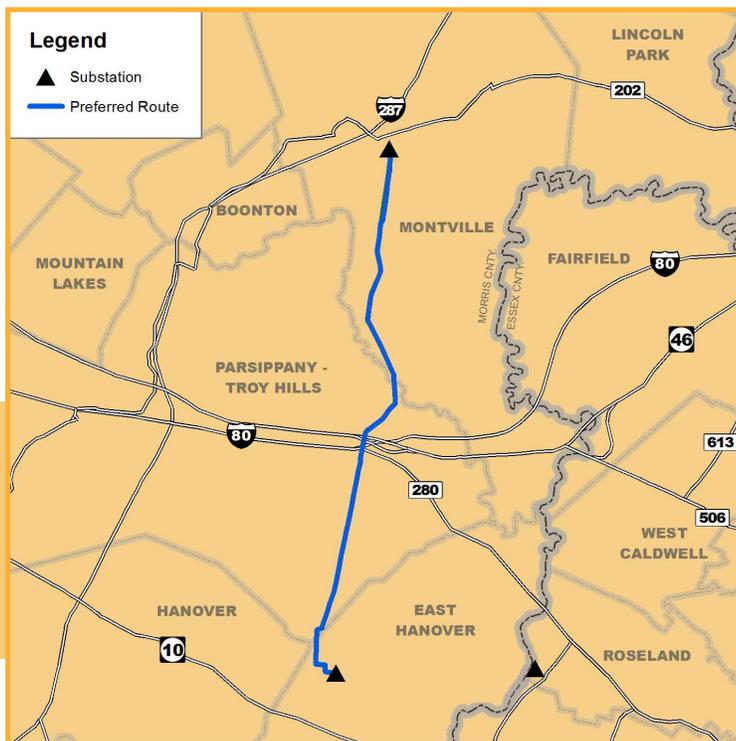
The proposed route for the project – which will benefit JCP&L customers in Morris and Sussex counties – includes adding new structures to an existing transmission corridor that runs about seven miles through East Hanover, Parsippany and Montville. The southern third of the preferred route parallels existing transmission lines where some additional right-of-way width is needed. The middle third of the selected route

would be built on existing transmission right-of-way and will require some additional right-of-way. The northern third of the route will parallel existing transmission lines.

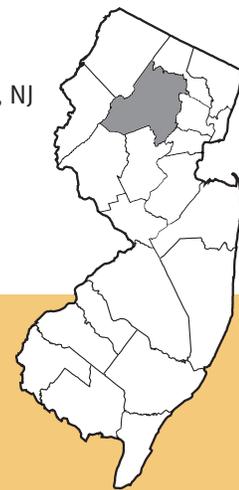
PJM Interconnection, the regional transmission organization that coordinates the movement of electricity and oversees transmission system reliability in all or part of 13 states and the District of Columbia, recommended that the project be built. PJM's assessment is based on existing conditions, the need for system redundancy and the potential for future demand on the system.

In the past decade, the demand for electricity in New Jersey has grown about three times faster than the population as homeowners use electricity to power everything from big-screen televisions to computer devices to the latest kitchen appliances.

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Project Location:  
Morris County, NJ



## SUBSTATIONS

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The new 230-kV line will require upgrades to the existing substations. It is anticipated the upgrades will be made within existing substation property and should not require additional land.

## PETITION

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JCP&L filed a formal petition for the project in March 2015 with the New Jersey Board of Public Utilities (BPU), which held public hearings as part of its review process. A decision is expected later this year. The project also will need permits from the New Jersey Department of Environmental Protection.

## RIGHTS-OF-WAY

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JCP&L will require a minimum 100-foot wide right-of-way for the 230-kV transmission line. Most of the project will use existing rights-of-way, but some additional property rights may be required.

## CONSTRUCTION

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After approval by the BPU, final design of the transmission line and required permitting activities will proceed. Construction will begin once all required permits are secured. The project is expected to create approximately 100 construction jobs. JCP&L will coordinate with municipalities along the route, providing ongoing communication to minimize construction impacts.

## UPCOMING ACTIVITIES

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- Surveying and environmental permitting activities
- Final design of transmission line
- ROW acquisition
- Transmission line construction
- Final testing, energization

## ABOUT ENERGIZING THE FUTURE

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*Energizing the Future* is a transmission initiative through 2017 that involves upgrading and strengthening the grid to meet the future demands of our customers and communities. Key factors driving this major investment in our transmission system include replacing existing equipment with advanced technologies designed to enhance system reliability; meeting projected load growth; and reinforcing the system in light of power plant deactivations.

For more information, visit [firstenergycorp.com/transmission](http://firstenergycorp.com/transmission).

