

# Remington-Pratts-Gordonsville Transmission Project

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The Pratts project will positively affect Culpeper, Orange, Madison, and Rappahannock Counties in addition to the surrounding region.

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## **Project Overview:**

- Dominion Virginia Power (Dominion) and FirstEnergy are working together on a series of transmission upgrades that will resolve electric reliability issues in the Piedmont region west of Interstate 95 and east of Shenandoah National Park in Virginia.
- PJM Interconnection, the regional grid operator, confirmed the electric reliability issues as part of its annual Regional Transmission Expansion Plan, and technical proposals were put up for competitive bid.
- A Dominion/FirstEnergy joint solution was selected by PJM staff based on electrical solution, budget and the ability to rebuild or closely follow existing transmission facilities wherever possible to limit community and environmental impacts.

## **What:**

The proposed facilities will be built by Dominion and FirstEnergy in their respective transmission zones. While FirstEnergy does not directly serve customers in the area, it owns and operates the electric transmission system in the region previously served by its Potomac Edison affiliate (formerly Allegheny Power). These customers are now directly served by REC. Dominion will build portions of the project in its transmission service territory.

## Dominion

- Dominion is responsible for upgrading part of its existing 115 kilovolt (kV) transmission line from Remington to Gordonsville of about 15 – 25 miles through Fauquier, Culpeper and Orange counties. Many of the current H-frame structures will be replaced with single-pole structures. This will also include some work within the existing fence line of the Remington substation in Fauquier County.
- Dominion is also responsible for connecting this upgraded transmission line to a new FirstEnergy substation in the vicinity of the existing REC Pratts substation in Madison County. This new single circuit 230kV transmission line will require new right of way of about 13 – 18 miles and a width of about 120 feet.

## First Energy

- FirstEnergy will rebuild an existing 115kV transmission line that extends about 18 miles from the Gordonsville substation to the Pratts substation. The existing line will be dismantled and rebuilt to support 230kV wires. This will also include some Dominion work within the existing fence line of its Gordonsville substation in Albemarle County.

## **Why:**

- An increase in local energy usage causing current issues for Dominion Virginia Power and REC
- An Increase in future demand is predicted to strain the local facilities that impact both surrounding counties and the greater regional transmission grid
- Adds redundancy for the Pratts substation that directly serves nearly 8,800 REC members in five counties

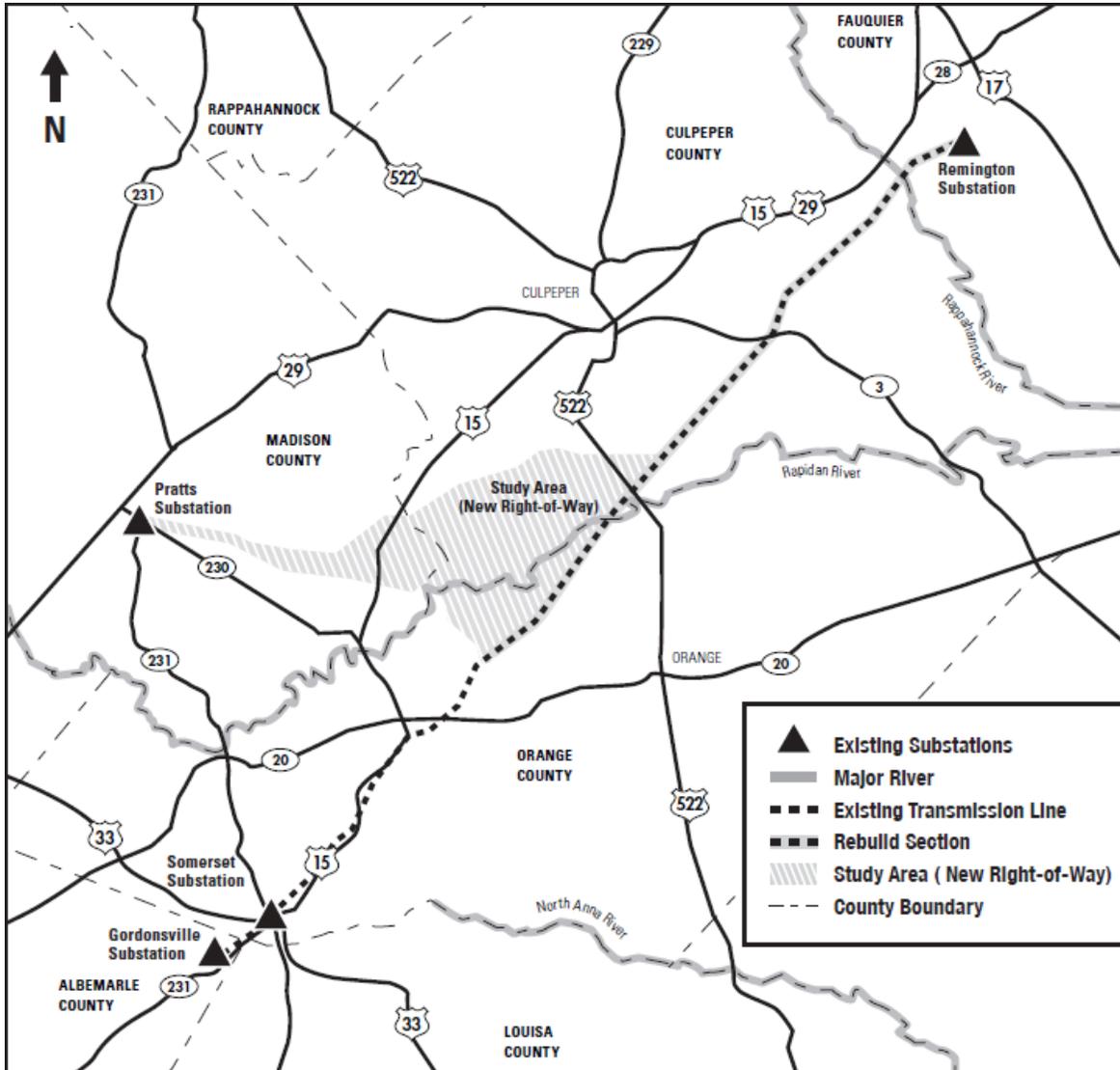
## **When:**

- The solution must be in place in 2018

## **Benefits:**

- Upgrades will directly improve electric service for more than 25,000 electric customers well into the future
- Provides increased infrastructure capacity to help grow local businesses and communities
- Adds redundancy to a vulnerable area and improves the service that Dominion and REC provide

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For more information, please visit our website at [www.dom.com](http://www.dom.com), keyword: **Remington Pratts**

Contact our dedicated Transmission team by sending an email to [powerline@dom.com](mailto:powerline@dom.com), or Call 1-888-291-0190, Monday through Friday, 7am to 5pm.

