

# Ladysmith-St. John's-Lee's Hill 230 kV Electric Transmission Project

CAROLINE AND SPOTSYLVANIA COUNTIES, VIRGINIA



## OVERVIEW

At Dominion Energy, we are committed to providing the reliable, affordable, and increasingly clean energy that powers our customers every day. Caroline, Spotsylvania, and surrounding counties are experiencing growing energy demands. To address this development, we plan to upgrade electric transmission infrastructure using existing rights of way.

The Ladysmith-St. John's-Lee's Hill 230 kV Electric Transmission Project proposes to rebuild 230 kV electric transmission lines in three right of way corridors and add an additional 230 kV circuit to allow us to meet the growing energy needs, continue providing reliable electric service, and maintain compliance with federal reliability standards.

## PROJECT SCHEDULE

SUBJECT TO CHANGE

DATE	ACTIVITY
Summer 2024	<ul style="list-style-type: none"><li>• Project announcement</li><li>• Community engagement</li></ul>
Late Summer 2024	File application with the Virginia State Corporation Commission (SCC)
Summer 2025	Anticipated SCC ruling
2025	<ul style="list-style-type: none"><li>• Permitting</li><li>• Finalize engineering</li><li>• Pre-construction outreach</li></ul>
Early 2026	Construction to begin
Summer 2028	Construction complete, restoration begins

## QUICK FACTS

- Location: Caroline and Spotsylvania Counties
- Three right of way corridors will be upgraded as part of this project.
  - CORRIDOR 1: Ladysmith Substation – Junction
  - CORRIDOR 2: St. John's Substation – Junction
  - CORRIDOR 3: Junction – Future Lee's Hill Substation
- Total project length: Approximately 21 miles
- No new permanent right of way is required
- Interruption to your electric service is not anticipated as a result of this project

*See map on the back of the page for more details about each corridor*



SCAN HERE TO LEARN MORE

**CORRIDOR 1: Ladysmith Substation – Junction (8 miles)**

• **Corridor 1A: Ladysmith Substation-Ladysmith CT (3 miles)**

This section will not replace or install any new structures. Instead, we will replace the existing conductor, or wires carrying electricity, with new higher capacity conductor. This process is known as reconductoring. The voltage will remain 230 kV.

• **Corridor 1B: Ladysmith CT - Junction (5 miles)**

The existing 230 kV lattice structures will be reconducted. New single-circuit 230 monopole structures will be installed using existing right of way.



*Existing Corridor 1B – lattice tower (left) will be reconducted. New monopoles will be installed to the left of these structures. Visit the Backyard Application on the project website to view visuals of the proposed monopole structures.*

**CORRIDOR 2: St. John's Substation – Junction (7 miles)**

The existing 230 kV line, which mostly consists of wooden H-Frame structures will be rebuilt with new double-circuit monopole structures.



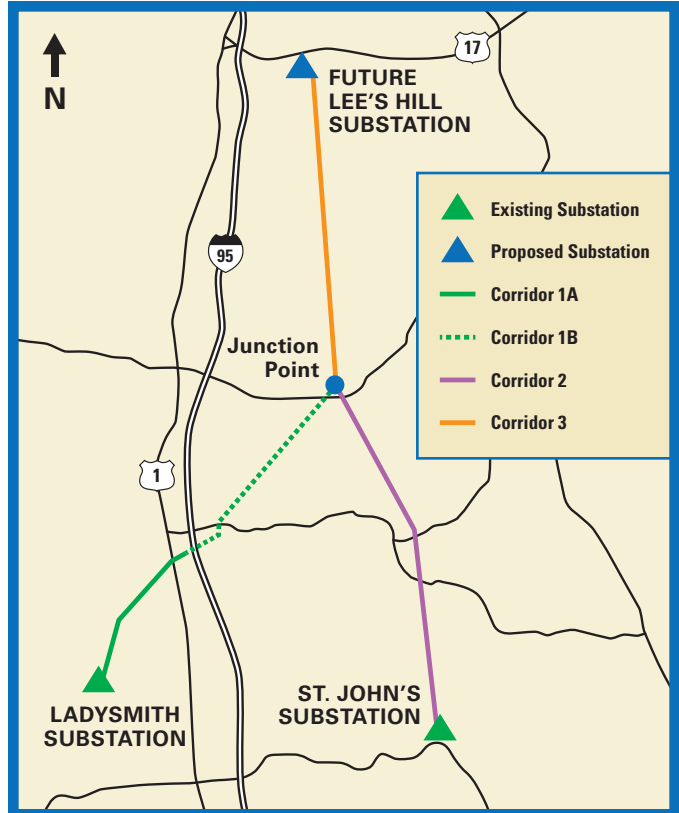
*Existing Corridor 2: H-Frame structures (left) will be replaced with new monopole structures. No replacement of structures on the right.*

**CORRIDOR 3: Junction – Future Lee's Hill Substation (6 miles)**

The existing 230 kV line, which mostly consists of wooden H-Frame structures will be replaced with new double-circuit monopole structures.



*Existing Corridor 3: H-Frame structures (left) will be replaced with new monopole structures. No replacement of structures on the right.*



View project details in the areas that matter most to you with our Backyard Application – an interactive map found on our project website.

Use the Backyard Application to:

- Zoom in on areas that matter to you, or search by typing in an address
- View existing and proposed structure types and heights
- View simulations of proposed structures



**FOR MORE INFORMATION**

Visit our website at [DominionEnergy.com/ladysmithleeshill](http://DominionEnergy.com/ladysmithleeshill).

You may also contact us by sending an email to [powerline@dominionenergy.com](mailto:powerline@dominionenergy.com) or calling 888-291-0190.