

Welcome to the overview of Dominion Energy's Line 224 Lanexa to Northern Neck rebuild project which will address aging electric transmission infrastructure.

We're planning to replace the existing H frame structures with a taller, double circuit monopole structure and in some cases we're also replacing existing lattice structures with a similar structure – constructed from a different material. This construction will occur along a 41 mile corridor and remain within the existing right of way.

At Dominion Energy, we are committed to continually reviewing and analyzing our energy infrastructure to provide the safest and most reliable electric service possible.

Three primary forces drive the need for new electric transmission infrastructure:

- Economic development, such as population growth or business expansion
- Aging assets, such as decades old structures that need to be replaced
- And complying with mandatory standards to ensure safety and reliability

These drivers often overlap. At Dominion Energy, we believe solutions should always account for future energy needs while continuing to balance cost and impacts.

A strong, reliable transmission grid is essential to delivering energy to all parts of Virginia. The electric grid is made up of high-voltage lines functioning as energy highways. These transmission lines transport power over long distances from generating stations to substations, which then feed distribution lines that energize homes and businesses.

This project rebuilds Line 224, a 230-kilovolt transmission line connecting our Lanexa and Northern Neck substations. Both substations will increase in size to accommodate the construction of a second electrical circuit. This rebuild will cross five counties in Virginia. The project includes an existing transmission corridor that is about 41 miles long beginning in New Kent County and continuing north.

Portions of this line have already been rebuilt or are under construction including the crossings of the Pamunkey and Mattaponi Rivers. These portions were approved and work began in 2019 and is expected to be completed by December 2020.

Most of the existing H frame and lattice structures were installed in the late 1960s. Through ongoing maintenance, the life span of these structures has been extended. More recent inspections have shown structure and foundation deterioration including corrosion and thinning of steel members. Many wood poles have also shown damage from natural elements including woodpeckers.

Dominion Energy will replace the aging structures and associated components to maintain reliability for the 7,500 customers served directly from this line.

The proposed plan will:

- Require no additional right of way
- Deliver long-term reliability without excessive maintenance
- Provide flexibility to meet future needs
- Comply with mandatory safety standards

- Minimize environmental impact

We are proposing to replace the existing structures with double-circuit weathering steel monopole structures.

Existing structures averaging 65-70 feet tall, will be replaced with new monopoles, averaging 108 feet tall. The taller structures allow full utilization of the existing right of way and will minimize the environmental impact for this rebuild project.

As part of this project, we'll also construct a new substation in King and Queen County in the existing right of way.

Dominion Energy has created photo simulations of several key viewpoints across the project.

This view in New Kent County overlooking Diascund Creek Reservoir displays an existing lattice tower.

The proposed structures include double circuit poles. There would be no change in height between the current and proposed structures.

Next is a view from King and Queen County.

These new structures will be placed in the same general location as the existing structures to minimize impact.

Our final stop takes us farther north to Essex County. This simulation shows lattice towers crossing the Rappahannock River from a view along Boaters Way looking North.

The current towers will be replaced with similar structure types but constructed with different materials, and placed in the same locations.

As we move through the planning and regulatory process, it is important to gain feedback from the community. We are committed to finding solutions for new infrastructure that reduce impacts and are in the best interest of the communities we serve.

The beauty of this region is an important asset to Virginia. Maintaining environmental stewardship is a responsibility we take seriously.

Dominion Energy is guided every day by a core set of values to ensure projects are successful from start to finish. We work safely, strive for excellence, execute our jobs ethically and employ strong teamwork with our colleagues and in the communities we proudly serve while embracing change.

Thank you for taking the time to learn more about this important project. More information can be found at [DominionEnergy.com/Line224](https://www.dominionenergy.com/Line224) or email us at [powerline@dominionenergy.com](mailto:powerline@dominionenergy.com),