

NORRIS BRIDGE - 115 kV TRANSMISSION LINE REBUILD PROJECT

Greys Point Transition Station

Dominion Energy is planning to rebuild its transmission line that crosses the Rappahannock River adjacent to the Norris Bridge between Lancaster and Middlesex Counties

Dominion Energy currently operates an overhead 115 kilovolt (kV) transmission line that crosses the Rappahannock River via a combination of structures in the river and attachments to the Norris Bridge. The river crossing is part of a single 115 kV transmission line that runs for about 38 miles between the company's Northern Neck Substation in Richmond County and its Harmony Village Substation in Middlesex County. The portion of the transmission line that crosses the river has been in operation since 1962 and needs to be replaced based on operational and end-of-life concerns. An immediate need for this project was identified in 2014. On December 21, 2017, the Virginia State Corporation Commission (SCC) issued its final order approving the project. The SCC found, among other things, that there is a need for the project and the rebuild will replace the existing transmission line with an underwater transmission line. This project will help maintain reliable electric service to approximately 19,000 customers on the Northern Neck peninsula.

What is the Greys Point Transition Station?

The underground line project includes one transition station in each Middlesex and Lancaster counties, which, among other things, transitions the overhead transmission line underground. From these points, horizontal directional drilling will primarily be used to install the new transmission line under the Rappahannock riverbed. The Greys Point Transition Station is being proposed to be built on property the company owns along State Route 3 near Pinetop Road.

Site specifics:

- Parcel Size: 1.812 acres
- Fenced Area: .22 acres
- Meets all county setback requirements
 - 50 foot rear setback (along east property line) – tree buffer to remain
 - 80 foot setback along Route 3
 - 35 foot setback along Pinetop Road
- Landscaping along Route 3 and Pinetop Road
- Station driveway off of Route 3 (minimal crew traffic once in operation)
- Tallest structure within station: 75 feet tall



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What are the needs and benefits of the project?

- Replace aging infrastructure that has been in place and repaired since 1962 and has reached its “end-of-life”
- Gain increased reliability and operational efficiencies. By upgrading the line to meet current standards and relocating the line off the bridge we will reduce vulnerabilities of an aging line lessening the risk of outages
- Maintain safety for Dominion and VDOT crews and lessen potential hazards to the public and watermen – relocating off the bridge will lessen the frequency that Dominion Energy and road crews will need to coordinate for line outages or lane closures and reduce road debris from impacting the line.

Preliminary Schedule Overview

Dominion Energy’s goal is to complete this project as safely, courteously, and swiftly as appropriate to minimize any community disruption through construction and to address the operational concerns promptly. The company is in the process of refining its engineering designs and soliciting third-party bids for the engineering, procurement and construction. Subject to further permitting activities and the identified time-of-year restrictions, Dominion Energy estimates that construction would take place over a period of approximately 15 consecutive months (under optimal conditions). The company’s plan is to install the underground river crossing and the two transition stations (subject to and in accordance with permit conditions) simultaneously.

The below timeline assumes all additional permitting activities are complete no later than September 2018. Any delays in obtaining permit approvals would likely postpone completing the project by at least one year.

Spring 2015	Public Announcement via community letters and website
Dec. 21, 2017	Received Virginia State Corporation Final Order
Spring/Summer 2018	Pre-Construction Activities Commence: Right of way surveying; soil borings; final engineering design; purchase land for transition station in Lancaster County; begin additional permitting requirements; additional cultural site survey and archaeological analysis
Summer/Fall 2018	Pending necessary approvals - Begin preliminary construction work – install in-water drilling platforms, site work
Feb. 15 – June 30 (each year)	Time of year restrictions
End of 2019	Complete project (<i>anticipated pending necessary permit approvals</i>)

Dominion Energy expects to have a more detailed construction timeline once a constructor is selected for the project, which is likely to occur by late summer/early fall.

For more information, please visit www.DominionEnergy.com/norrisbridge
Contact us by sending an email to powerline@domionenergy.com, or call 1-888-291-0191

