

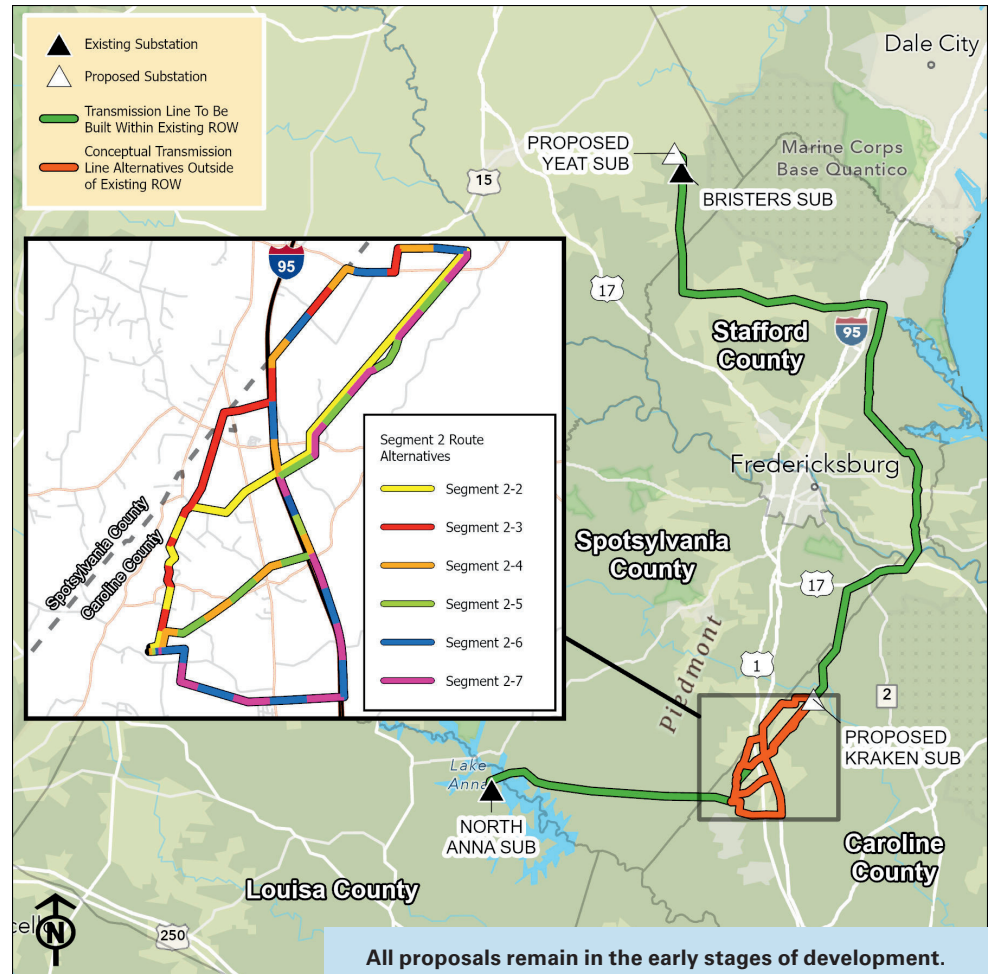
# Kraken Loop 500 kilovolt Electric Transmission Project

LOUISA, SPOTSYLVANIA, CAROLINE, STAFFORD, AND FAUQUIER COUNTIES, VIRGINIA



Our mission at Dominion Energy is to deliver reliable, affordable and increasingly clean energy that powers our customers every day. With exponential growth driving the demand for energy across the Commonwealth, Dominion Energy is focused on meeting that need while increasing reliability. To support these efforts, Dominion Energy is planning the Kraken Loop 500 kilovolt (kV) Electric Transmission Project.

The Project includes building a new approximately 70-mile 500 kV transmission line through Louisa, Spotsylvania, Caroline, Stafford, and Fauquier counties. The line will connect the existing North Anna Substation to the proposed Kraken Substation in Caroline County. The Kraken Loop will ultimately tie into the proposed Yeat Substation in Fauquier County. This investment strengthens the grid, supports Virginia's energy security, and ensures reliable power for your community.



**All proposals remain in the early stages of development.**  
**Conceptual routes will be refined based on community input.**  
**New electric transmission routes will require local and state permits and approvals.**  
**All projects will comply with local, state, and federal regulations.**

## BACKGROUND: 2024 PJM OPEN WINDOW

- PJM is the regional transmission organization that coordinates the movement of wholesale electricity in all or parts of 13 states, including Virginia.
- PJM's Open Window process solicits annual proposals from several electric transmission developers aimed at enhancing the reliability of the electric transmission grid.
- The proposals must present practical and buildable solutions that address specific electrical needs.
- After multiple proposals were submitted, the PJM Board of Managers began their lengthy review process.
- In 2024, the PJM Board of Managers selected Dominion Energy's proposal for the Kraken Loop Project, among other projects.

## WHAT'S INCLUDED IN THE PROPOSAL?

The proposed Kraken Loop is a 500 kV electric transmission project that is in the early stages of development. The project includes:

- Approximately 70 miles of new 500 kV electric transmission line through Louisa, Spotsylvania, Caroline, Stafford, and Fauquier counties.
- The line will connect the existing North Anna Substation to the proposed Kraken Substation in Caroline County, and will ultimately tie into the proposed Yeat Substation in Fauquier County.

## QUESTIONS AND ANSWERS

### How does PJM ensure the reliability of the electric grid?

PJM ensures electric grid reliability through continuous monitoring and coordination of the high-voltage electric transmission network. It conducts detailed planning studies to identify potential reliability issues and selects and implements solutions to address them. PJM also operates a real-time control center that monitors grid conditions 24/7, ensuring that electric supply meets demand and that the grid remains stable and secure.

### Will the public be involved in the project approval process?

Yes. Your voice matters at every stage of this project. Extensive outreach with residents, local governments, and other stakeholders will guide key decisions, including how to avoid or minimize potential impacts. You will also have many opportunities to participate in the SCC approval process.

### What does the Virginia State Corporation Commission (SCC) process entail?

The SCC is the regulatory body with jurisdiction over electric transmission lines in Virginia. The Kraken Loop Project involves new 500 kV transmission line and will be subject to SCC review. The SCC will validate the need for the project and approve a final route and structures. Virginia law requires it to consider whether various potential impacts have been reasonably minimized.

Dominion Energy intends to file an application with the SCC in Q2 2026. The SCC will then publish a procedural schedule, including additional opportunities for public input. A proceeding of this nature can take 12 to 24 months. It is important to note that although the SCC is the primary agency responsible for reviewing and ultimately approving the project, additional permits will be required from local, state, and federal agencies.

### Where will the substations be located for the Kraken Loop?

The line will connect the existing North Anna Substation to the proposed Kraken Substation in Caroline County. The Kraken Loop will ultimately tie into the proposed Yeat Substation in Fauquier County. This investment strengthens the grid, supports Virginia's energy security, and ensures reliable power for your community.

## LOOKING AHEAD

- You may see much of this project routed along existing Dominion Energy right-of-way corridors.
- You will have opportunities to share input on the route options before they are submitted to the Virginia State Corporation Commission (SCC).
- Dominion Energy will conduct surveys to identify environmental, cultural, and historic resources in the project area, as well as any threatened and/or endangered species.

Potential routes may be refined using feedback gathered from you and other community members through meetings, open houses, and direct engagement. You will receive regular updates and clear communication so you can stay informed throughout the process.

## ANTICIPATED SCHEDULE

DATE	ACTIVITY
Q2 2025 – Q2 2026	Public outreach and engagement
Q3 2025	Project announced, open house planning
Q4 2025	In-person community meetings
Q1 2026	Second round of in-person community meetings
Q2 2026	Project filed with SCC

## ADDITIONAL QUESTIONS

You can count on safe, reliable, affordable, and increasingly clean energy as Dominion Energy works with your community to plan for the future. If you have questions or comments, contact us at:

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