

Loudoun Reliability Engagement Group

Seventeenth Meeting – Unattributed Summary Report

The Loudoun Reliability Engagement Group's (LREG) 17th meeting was held on Wednesday, May 21, 2025, from 11:00 a.m. to 1:00 p.m. at Founders Hall in Ashburn, Virginia.

Member Organizations in Attendance

- Bike Loudoun
- Loudoun Coalition of Homeowners and Condominium Associations
- Loudoun County Department of Economic Development
- Loudoun County Preservation and Conservation Coalition
- Loudoun Habitat for Humanity
- Loudoun Water
- Loudoun Wildlife Conservancy
- NAIOP – Commercial Developers
- Piedmont Environmental Council

Observers

- Loudoun County Department of Planning & Zoning
- Loudoun County Public Schools
- Loudoun County Supervisor Briskman's Office
- Loudoun County Supervisor Glass' Office
- Loudoun County Supervisor Letourneau's Office
- Loudoun County Supervisor Saines' Office
- Loudoun County Supervisor Tekrony's Office
- Loudoun County Supervisor Turner's Office

Absent Organizations

- Black History Committee (Friends of Thomas Balch Library)
- Goose Creek Association
- League of Women Voters of Loudoun County
- Loudoun County Department of Equity & Inclusion
- Loudoun County Fire & Rescue

Dominion Energy Team

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| • Aisha Khan, Dominion Energy | • Steve Precker, Dominion Energy |
| • Bianca Harleston, Dominion Energy | • Tracey McDonald, Dominion Energy |
| • Brad Lowe, Dominion Energy | • Carter Jones, ERM |
| • Brady Johnson, Dominion Energy | • Cheryl Dombrowski, ERM |
| • Greg Baka, Dominion Energy | • Jake Rosenberg, ERM |
| • James Young, Dominion Energy | • Rachel Tippet, ERM |
| • Justin Stadler, Dominion Energy | • Roya Smith, ERM |
| • Kathleen Leonard, Dominion Energy | • Kristi Moore, Knowles Communication Strategies |
| • Sean Doherty, Dominion Energy | |
| • Stephen Hudson, Dominion Energy | |

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Meeting Summary

1. Welcome and Introductions

Kristi Moore opened the meeting with remarks, led the group through introductions, and reviewed the agenda.

2. Golden to Mars

Jake Rosenberg, ERM, presented Route 3A, a newly proposed route that bypasses Loudoun County Public Schools (LCPS) property. Although more complex, this route avoids the LCPS land entirely. It was submitted to the Virginia State Corporation Commission (SCC) as an alternative on Friday, May 16. Route 3A has a greater impact on the Broad Run area. The project is currently awaiting the SCC's procedural schedule, which will determine the filing process and timeline.

QUESTIONS/COMMENTS	ANSWERS
LREG Member: Is this new route more reasonable to build?	Jake Rosenberg: This route impacts significantly fewer dwellings than the route along Loudoun County Parkway.
LREG Member: What was the school board's concern?	Jake Rosenberg: There was concern from the community about the impacts of EMF and a reluctance to allow transmission lines or other infrastructure on school property. The project requires LCPS approval to cross the LCPS property, as they are a public entity.
LREG Member: Why was there opposition to routing along Loudoun County Parkway?	Jake Rosenberg: It would cross more closely to a greater number of homes and residents.

3. Morrisville to Wishing Star

Tracey McDonald from Dominion Energy presented foundational information about the Morrisville to Wishing Star project, with a focus on the portion within Loudoun County. She discussed the project's history, transitioning from a plan to completely wreck and rebuild the entire corridor to a combination of new, expanded right-of-way and wreck and rebuild.

Tracey then reviewed the preferred transmission line configuration in Loudoun County, which includes wrecking and rebuilding the corridor with new monopoles and the new 500 kV line. She then reviewed the route maps for Loudoun County. The preferred route remains within the existing right-of-way, except for three locations where engineering transitions are necessary.

Tracey reviewed the various alternative routes in Loudoun County that are being considered if a wreck and rebuild option is not available.

QUESTIONS/COMMENTS	ANSWERS
LREG Member: This is the first we are hearing of route alternatives.	Tracey McDonald: The route alternatives were finalized soon after the first virtual meeting and have been shared at all the in-person community meetings.

An LREG member raised a discussion about the project's ability to obtain the necessary outages for the existing lines to be wrecked and rebuilt.

4. Export to Global Plaza

Roya Smith, ERM, provided an overview of the project and the current proposed routing. The project aims to connect new substations to the existing 230 kV transmission network within the area commonly referred to as Data Center Alley. The routing strategy focuses on minimizing impacts to businesses and other resources while navigating a study area with limited undeveloped land.

QUESTIONS/COMMENTS	ANSWERS
LREG Member: Are these being submitted as one or three separate applications?	Roya Smith: As one application.
LREG Member: What is the load demand for these data center projects? Will the development trigger a need for additional transmission projects?	Brad Lowe: This project enhances the reliability of the existing network by introducing an additional source line. Each of the substations has been submitted to PJM and is an over 100 MW substation.
LREG Member: What is the structure height?	Roya Smith: 100 to 120 feet tall. The exact figures are still being determined.

Sean Doherty from Dominion Energy shared the public engagement schedule, citing early summer for public notification and mid-to-late summer for a potential community meeting.

5. Electric Transmission Planning

Brad Lowe from Dominion Energy provided a comprehensive overview of Dominion's transmission network and the factors driving its growth and expansion.

QUESTIONS/COMMENTS	ANSWERS
LREG Member: Is it true that no new energy infrastructure would be needed if it weren't for data centers?	Brad Lowe: I wouldn't say that no new infrastructure would be needed, but data centers are a significant driver.

During the meeting, an LREG member raised a question regarding Dominion's lobbying efforts in the State Legislature. Kathleen Leonard reiterated the response she had previously provided to them via email.

Brad resumed his presentation, emphasizing that the region's load growth is real and that recent investments in the transmission network have significantly enhanced reliability for all users. He then outlined Dominion's annual planning process, which involves a five-year forecast to identify potential transmission issues and determine appropriate solutions.

Brad explained the three primary processes for developing new transmission infrastructure:

- 1) A competitive open window, which is the primary method for identifying the main solutions for the transmission network.
- 2) New customer demands primarily drive the supplemental PJM Transmission Expansion Advisory Committee (TEAC) process.
- 3) The final process is the PJM Generation Queue, which accommodates new generation sources into the transmission network.

Brad discussed the new 765 kV transmission projects in the context of the competitive open window process. There was a map demonstrating conceptual routes, which does not represent a finalized routing process.

An LREG member then asked about generation. Sean noted that a conversation about planning was requested at the last LREG, and generation can be discussed at another LREG.

QUESTIONS/COMMENTS	ANSWERS
LREG Member: What comes next after the Loudoun 500 kV loop?	Brad Lowe: There will be new infrastructure as the load demand continues to increase. The load demand is a moving target that Dominion is continuing to chase and address every year.

6. Doubs to Goose Creek

Sean presented on behalf of Steve Hudson, Dominion Energy. He noted that the Doubs to Goose Creek Project was filed with the SCC years ago, and that new information had come to light, necessitating a reevaluation of the solution. FirstEnergy and NextEra will construct the portion of the project in Maryland, while Dominion will construct and obtain permits for the portion in Virginia.

Sean noted that a distribution project in the same corridor is currently underway. The outreach for the transmission project will begin soon.

QUESTIONS/COMMENTS	ANSWERS
LREG Member: There is a fiber project within/near the existing right-of-way for this project. Does this impact the Doubs to Goose Creek Project and the placement of the line?	Steve Hudson: No, it does not impact the project.

An LREG member noted the presence of a new substation in the area, which Steve Hudson confirmed. Steve added that Dominion's portion of the project represents approximately 10% of the overall scope and is contingent on progress in Maryland, as well as the availability of outages on the existing 500 kV line within the corridor.

7. Q&A and Upcoming Meeting(s)

Kristi noted that a poll will be distributed for the next meeting date, with potential topics including generation and Dominion's lobbying efforts.

8. Adjournment

The LREG meeting was adjourned at 1:06 p.m.