



MEMO

DATE	August 11, 2025
SUBJECT	Loudoun Reliability Engagement Group Meeting 18 Summary

1. ATTENDANCE

1.1 ORGANIZATIONS

Member Organizations in Attendance	Observers	Absent Organizations
Loudoun County Preservation and Conservation Coalition	Loudoun County Supervisor Briskman's Office	Black History Committee (Friends of Thomas Balch Library)
Loudoun Water	Loudoun County Supervisor TeKrony's Office	Goose Creek Association
Piedmont Environmental Council	Loudoun County Supervisor Saines' Office	League of Women Voters of Loudoun County
Loudoun Coalition of Homeowners and Condominium Associations	Loudoun County Supervisor Glass' Office	Loudoun Chamber of Commerce
Habitat for Humanity	Loudoun County Department of Planning & Zoning	Loudoun County Department of Equity & Inclusion
NAIOP	Loudoun County Supervisor Turner's Office	Loudoun Fire and Rescue
Bike Loudoun		
Loudoun Wildlife Conservancy		
Loudoun Economic Development		

1.2 DOMINION ENERGY TEAM

Name	Organization
Brady Johnson	Dominion Energy
Jarad Morton	Dominion Energy
John Larson	Dominion Energy
Kathleen Leonard	Dominion Energy
Sean Doherty	Dominion Energy
Carter Jones	ERM

Cheryl Dombrowski	ERM
Kristi Moore	Knowles Communication Strategies

2. SUMMARY

The Loudoun Reliability Engagement Group's (LREG) 18th meeting was held on Tuesday, August 5, 2025, from 11:00 a.m. to 1:00 p.m. at Founders Hall in Ashburn, Virginia.

2.1 WELCOME AND INTRODUCTIONS

Kristi Moore kicked off the meeting by reviewing the agenda and leading the group through introductions. Kristi reiterated the purpose of the group.

2.2 PROJECT UPDATES

Sean Doherty updated the group on the Morrisville to Wishing Star project. He discussed that the Loudoun County route alternates, addressed in the May LREG meeting, have been dismissed. They will be submitted to the Virginia State Corporation Commission (SCC) as "studied and dismissed." The project's submission to the SCC has been delayed to study routing options in Prince William County further.

Question/Comment	Answer
Member: All routes under consideration are entirely within the ROW?	Sean: Yes.
Member: Could PJM or SCC push back against routes within the right of way?	Sean: We do not anticipate any opposition to remaining within the existing right of way.
Member: All routes under consideration are entirely within the ROW?	Sean: Yes.

Sean then gave an update on the Line 514 Corridor Rebuild, also known as the Doubs to Goose Creek project. He outlined the various electric utilities involved with work on transmission lines within the corridor. He noted that Dominion Energy will construct the portions within Virginia, while other utilities will construct and permit the portions in Maryland.

Sean also noted that there is an existing distribution line in that corridor and that work is separate from this project.

There will be more information to follow at future LREG meetings.

QUESTIONS/COMMENTS	ANSWERS
Member: How will the fiber-optic line work in that corridor affect this project?	Sean: Dominion Energy is unaware of any fiber optic projects.

Member: Will Dominion Energy own all the infrastructure in the Virginia side?	Sean: No, some lines will be owned by other utilities. However, customers in Virginia will still belong to their existing utilities. Dominion Energy will construct all infrastructure in Virginia.
Member: When will the transmission lines be turned on?	Sean: Goal is 2030, but it's reliant on the portions in Maryland as well.

2.3 EXPORT TO GLOBAL PLAZA

Cheryl Dombrowski led the group through the current routing for the Export to Global Plaza project. She noted that four substations will be connected by this project, three planned and one existing. PJM, Dominion's regional transmission organization, identified a need for this project to ensure the reliability of the electric grid. The project will provide additional reliability while also addressing multiple delivery point requests in the area.

QUESTIONS/COMMENTS	ANSWERS
Member: Are the routes within the flight paths for Dulles Airport?	Cheryl: We are considering the FAA approach surfaces.
Member: The green route seems to impact the creek more than the pink route.	

2.4 STATE POLICY

John Larson led a conversation about Dominion Energy's state policy efforts. He began with the study conducted by Virginia's Joint Legislative Audit and Review Commission (JLARC) regarding data centers and related electric infrastructure. The depth of the data requests from JLARC was extensive, indicating that this was a thorough process. They studied cost allocation, the ability to meet the load demand, and whether deregulation would be helpful.

Dominion Energy continues to work hard to ensure the customers have access to reliable and affordable electricity.

John then listed several bills from the last State legislative session and Dominion Energy's position on them. Topics include advanced conductors, cost allocation, and the regulatory environment.

He reviewed the bi-annual base rate case review with the SCC. This is a negotiation with the SCC where Dominion Energy makes its case for any potential rate changes or cost reallocations.

Dominion Energy proposed to create a new rate class called GS5, targeted at large energy users, which now contains approximately 140 accounts, of which about 130 are data centers. These are the largest energy users in the service territory.

QUESTIONS/COMMENTS	ANSWERS
Member: Is this case review the same as the Integrated Resource Plan (IRP)?	John: No, this is a separate process.

Member: Will GS5 be a higher rate?	John: It will be a different mix of costs of generation, transmission, and distribution.
Member: All these new transmission projects are to support high-energy users, and the Commonwealth has flatlined on load demand without them.	
Member: Can you explain peak versus base load and how it relates to end users?	John: Equity is based on trying to figure out who is using what resources and then allocating costs appropriately.
Member: Did Dominion Energy have any influence on the JLARC study?	John: No, Dominion Energy was not even provided a draft copy before release.
Member: What assurances are there to protect consumers if data centers suddenly no longer need the load demand that is forecasted?	John: Dominion Energy moved from a four-year to a fourteen-year demand assurance, and the companies must have funds to cover those costs.
Member: When will the rate case be approved?	John: By the end of the year, it will apply to the following year.

2.5 GENERATION/IRP

Jarad Morton shared a presentation on the 2024 Integrated Resource Plan (IRP). The IRP is a long-term planning document used to plan generation to meet forecasted load demand. In even years, there is a full report, and in odd years, there is an update.

He then went through the 2024 IRP, its assumptions, key drivers, and environmental regulations. The IRP outputs include models with different forecasted conditions and applied assumptions.

QUESTIONS/COMMENTS	ANSWERS
Member: Does the IRP forecast that generation will not be able to keep up with the forecasted demand?	Jarad: The IRP is a planning document to determine what generation would need to be built or purchased to meet the forecasted load demand.
Member: Even if Dominion Energy builds generation, it will still need to import energy?	Jarad: Yes, the IRP assumes that Dominion Energy will need to import electricity and that it will become more expensive to import due to increased demand.
Member: How is energy storage being accomplished?	Jarad: The IRP modeled 350 MW of lithium-ion storage, which lags behind other renewable sources. The IRP is not location-specific for generation sources.
Member: Where is the 2600 MW of wind coming from?	Jarad: The Coastal Virginia Offshore Wind project.
Member: Are you confident Small Modular Reactors (SMRs) coming online in the future?	Jarad: Yes. Dominion Energy has decades of experience with operating nuclear generation facilities.
Member: Are there generation categories you are more confident in than others?	Jarad: IRPs are a snapshot in time based on the best information available at that moment. Every

generation source included in the IRP, Dominion Energy is fairly confident, will materialize.

Member: What will the preferred energy storage method be?

Jarad: Not all technologies will be commercially viable for energy storage, and we don't know which options will be a part of future IRPs.

2.6 ADJOURNMENT

The LREG meeting was adjourned at 1:00 p.m.