

SRRTEP Committee Southern Dominion Supplemental Projects

June 16, 2026

Needs

Dominion Transmission Zone: Supplemental Equipment Material Condition, Performance and Risk

Need Number: DOM-2025-0074

Process Stage: **Need Cancellation - 06/16/2026**

Previously Presented: Need Meeting 01/15/2026

Project Driver: Equipment Material Condition, Performance and Risk

Specific Assumption References:

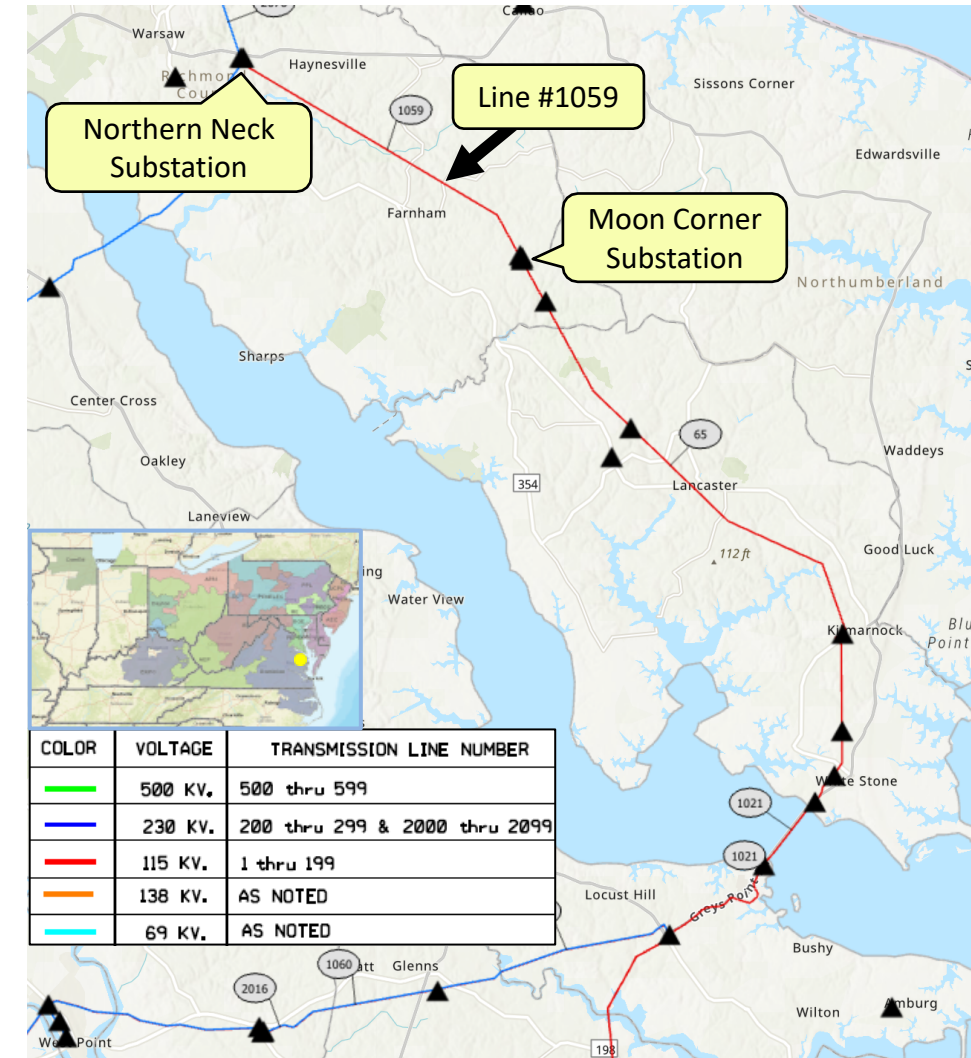
See details on Equipment Material Condition, Performance and Risk in Dominion's Planning Assumptions presented in December 2025.

Problem Statement:

Dominion Energy has identified a need to replace approximately 10 miles of 115kV Line #1059 (Northern Neck – Moon Corner) to new 115kV standards based on the Company's End of Life criteria.

- Line #1059 was constructed on primarily wood H-frame structures in 1962.
- A field-condition assessment indicated wood pole rotting and decaying in addition to ground line deterioration in numerous locations. Approximately 21% has been replaced due to woodpecker damage, rotting, and other structural deficiencies.
- Industry guidelines indicate equipment life for wood structures is 35-55 years, conductor and connectors 40-60 years, and porcelain insulators 50 years.
- If not rebuilt, Line #65 (Rappahannock – Moon Corner) becomes radial and would have a MW-mile value of 1575, which is above the 700 MW-mile threshold per DOM ET Planning Criteria. Additionally, the results of Generation Deliverability N-1 contingency analysis indicate that thermal violations would occur if Line #1059 is not rebuilt.

This Need will be addressed by network project n9651.0 to rebuild Line #1059 rather than as a supplemental project.



Solutions

None

Appendix

High level M-3 Meeting Schedule

Assumptions

Activity	Timing
Posting of TO Assumptions Meeting information	20 days before Assumptions Meeting
Stakeholder comments	10 days after Assumptions Meeting

Needs

Activity	Timing
TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
Stakeholder comments	10 days after Needs Meeting

Solutions

Activity	Timing
TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
Stakeholder comments	10 days after Solutions Meeting

Submission of Supplemental Projects & Local Plan

Activity	Timing
Do No Harm (DNH) analysis for selected solution	Prior to posting selected solution
Post selected solution(s)	Following completion of DNH analysis
Stakeholder comments	10 days prior to Local Plan Submission for integration into RTEP
Local Plan submitted to PJM for integration into RTEP	Following review and consideration of comments received after posting of selected solutions

Revision History

05/26/2026 – V1 – Original version posted to pjm.com.