

Dominion Supplemental Projects

Transmission Expansion Advisory
Committee
November 04, 2025

Needs

Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0005

Process Stage: Need Meeting 11/4/2025

Project Driver: Customer Service

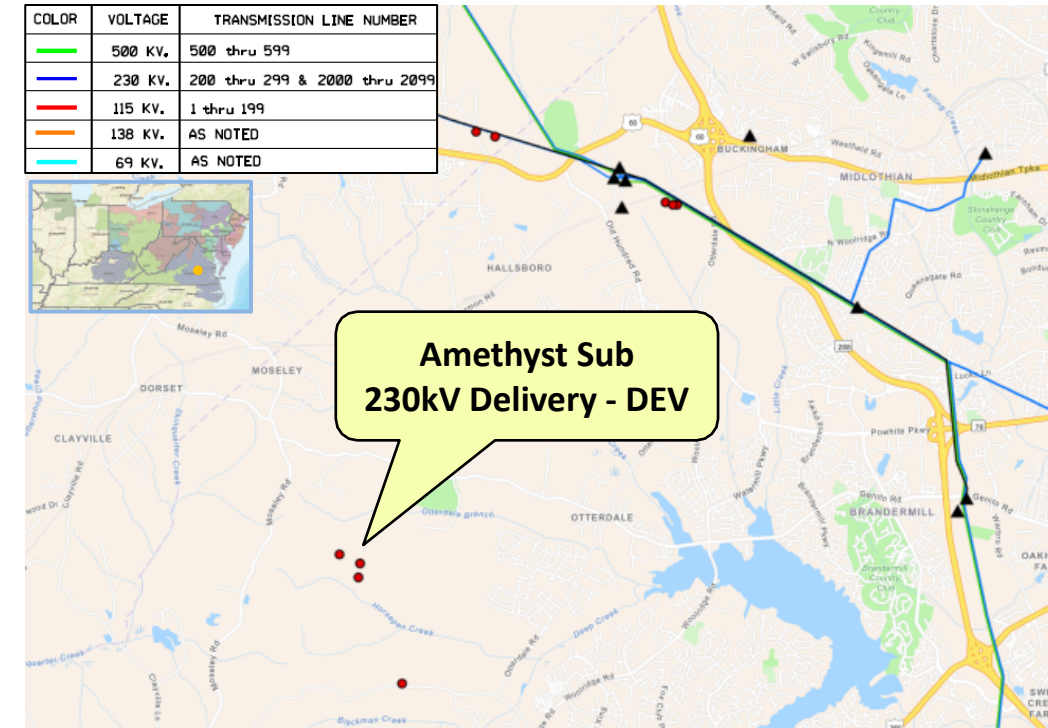
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

DEV distribution has submitted a DP Request for a new substation (Amethyst) to serve a data center in Chesterfield County with a total expected capacity of 300 MW.

The requested in-service date is 10/1/2031.



Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0006

Process Stage: Need Meeting 11/4/2025

Project Driver: Customer Service

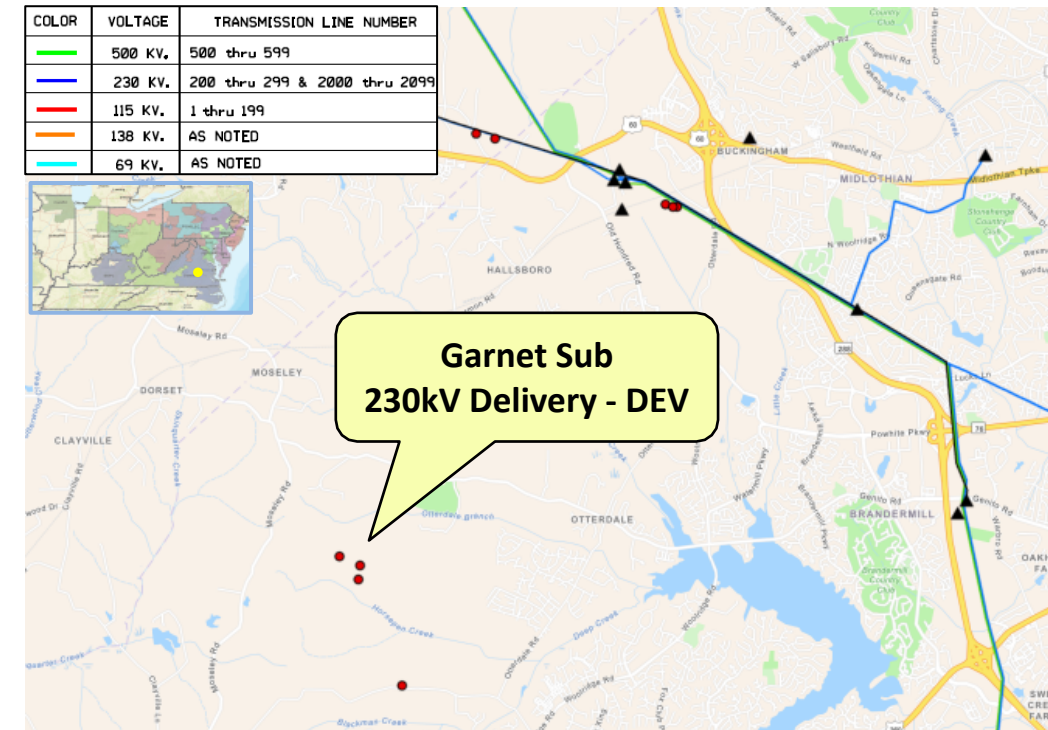
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

DEV distribution has submitted a DP Request for a new substation (Garnet) to serve a data center in Chesterfield County with a total expected capacity of 300 MW.

The requested in-service date is 10/1/2028.



Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0007

Process Stage: Need Meeting 11/4/2025

Project Driver: Customer Service

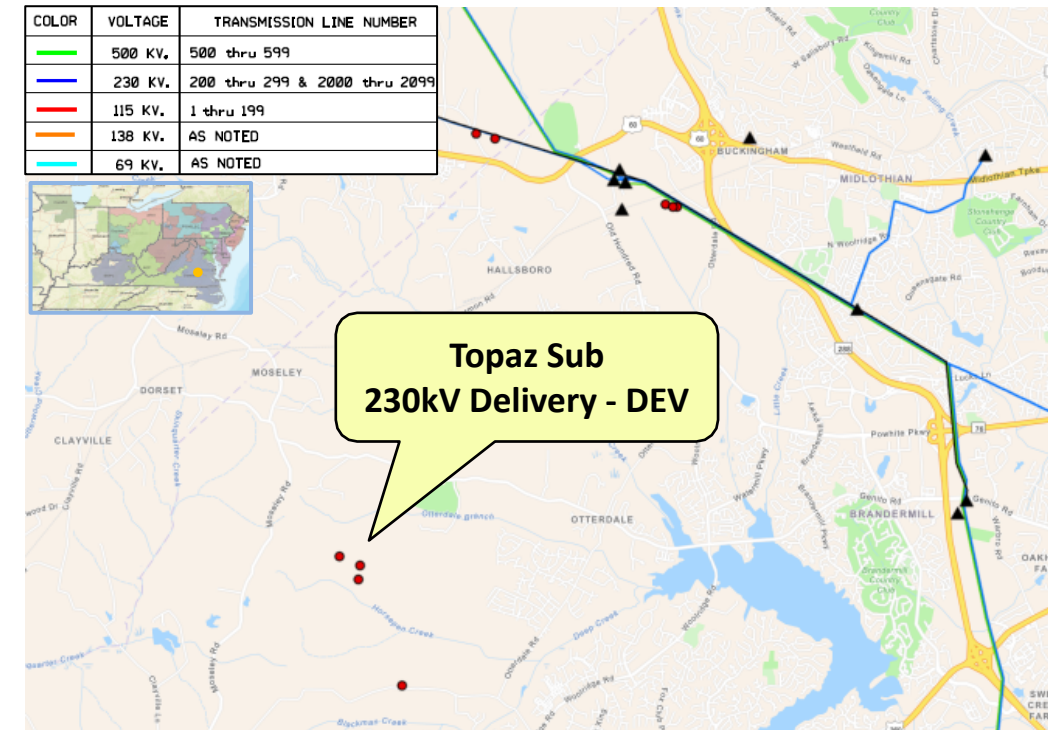
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

DEV distribution has submitted a DP Request for a new substation (Topaz) to serve a data center in Chesterfield County with a total expected capacity of 300 MW.

The requested in-service date is 10/1/2030.



Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0011

Process Stage: Need Meeting 11/04/2025

Project Driver: Customer Service

Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

DEV Distribution has submitted a DP Request for a new substation (Hibie St) to serve customer load in Norfolk, VA south of the Elizabeth River. Two distribution circuits from Reeves Ave cross underneath the Elizabeth River. DEV Distribution reports that one circuit has reached end of life with significant loss of ampacity and replacing it would involve high costs and pose considerable environmental risks. These two distribution circuits will be retired and existing customer load picked up by the new substation.

The requested in-service date is 12/31/2027.



Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0017

Process Stage: Need Meeting 11/4/2025

Project Driver: Customer Service

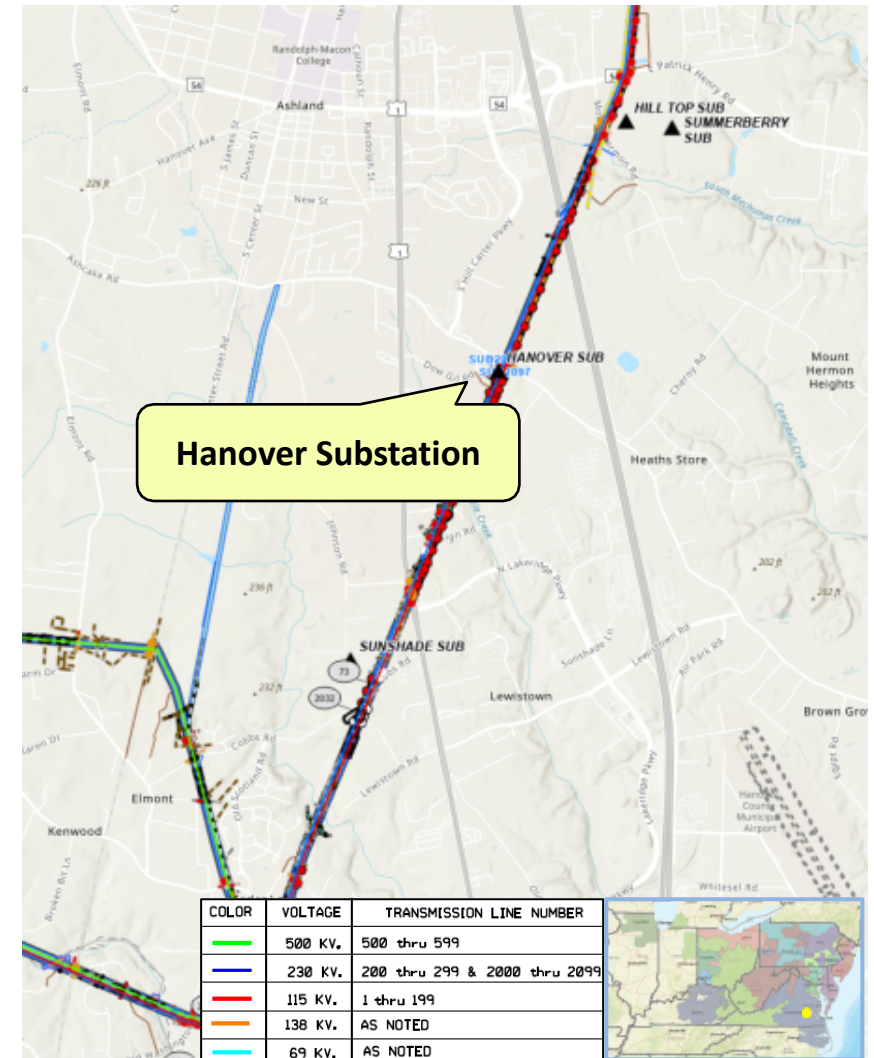
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

Due to load growth in Ashland, VA, the single 230/36.5 kV transformer rated at 50 MVA in Hanover Substation is projected to be overloaded by Summer 2027.

Expected in-service date is 12/31/2026.



Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0051

Process Stage: Need Meeting 11/4/2025

Project Driver: Customer Service

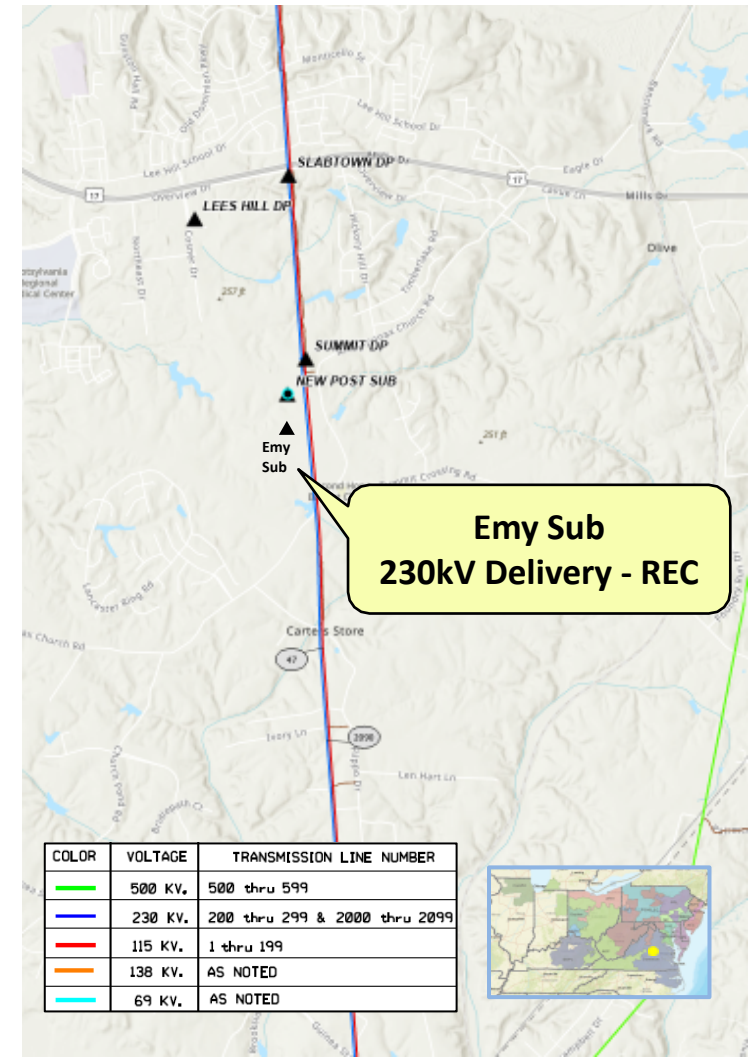
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

Rappahannock Electric Cooperative (REC) has submitted a DP Request for a new substation (Emy) to serve a data center in Spotsylvania County, VA with a total expected capacity of 212 MW.

Expected in-service date is 05/01/2030.



Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2025-0059

Process Stage: Need Meeting 11/04/2025

Project Driver: Customer Service

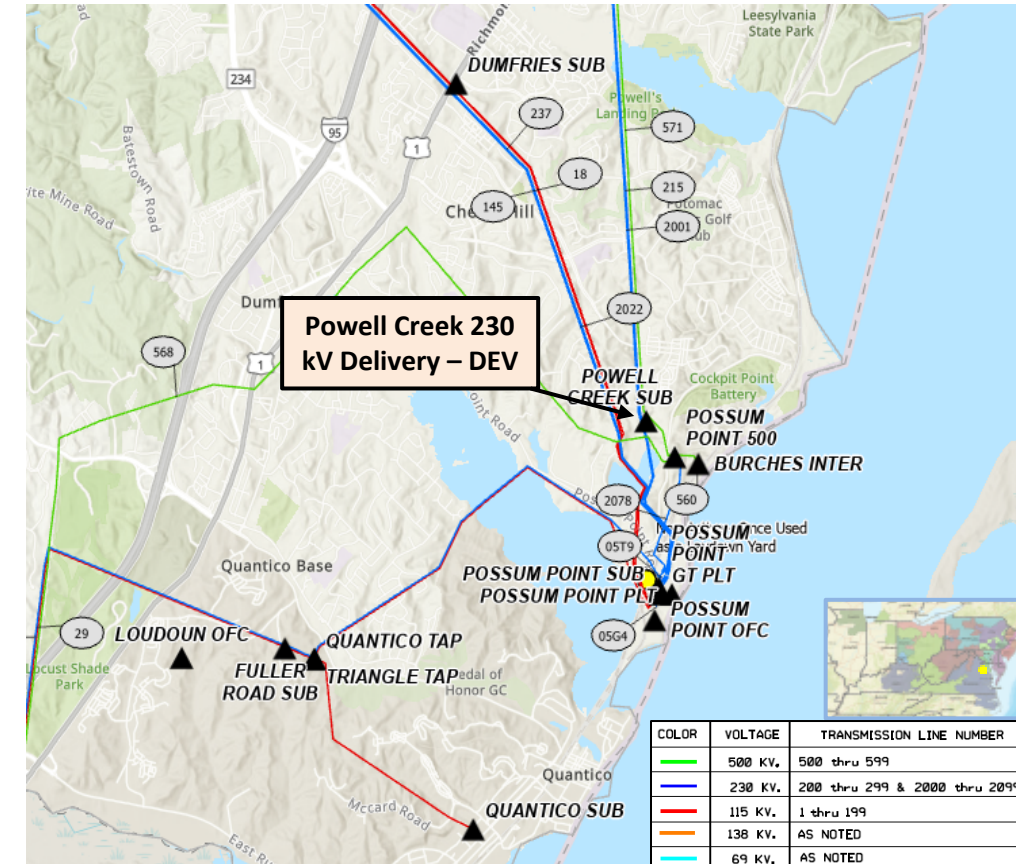
Specific Assumption References:

Customer load request will be evaluated per Dominion's Facility Interconnection Requirements Document and Dominion's Transmission Planning Criteria.

Problem Statement:

DEV Distribution has submitted a DP Request for a new substation (Powell Creek) to serve a new mixed-use non-data center development in Prince William County, VA with total expected capacity of 84 MW.

Expected in-service date is 12/31/2028.



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

10/24/2025 – V1 – Original version posted to pjm.com