

SRRTEP Committee Southern Dominion Supplemental Projects

August 13, 2026

Needs

Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2026-0029

Process Stage: Need Meeting 08/13/2026

Project Driver: Customer Service

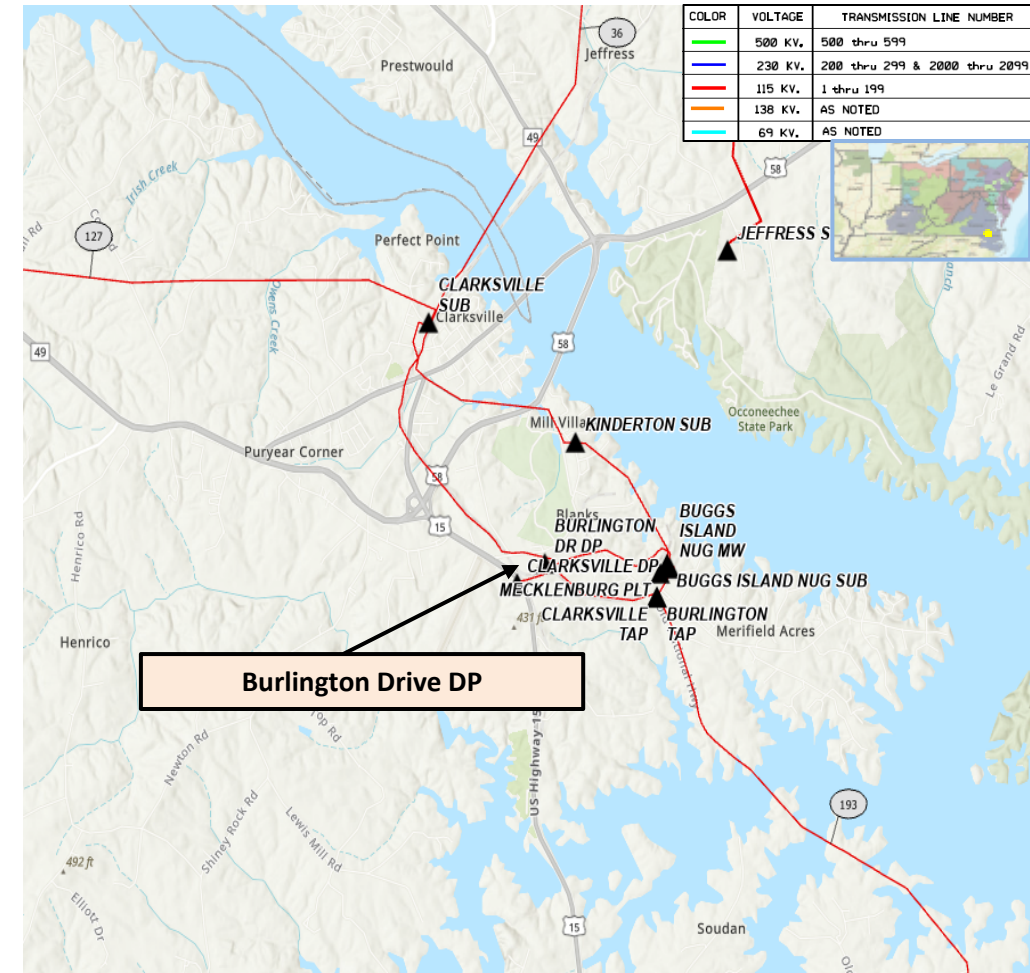
Specific Assumption References:

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

Problem Statement:

Mecklenburg Electric Cooperative has requested a redundant and 3rd 115 kV feed to their Burlington Delivery Point (Line #36). Presently, Burlington Drive DP has a 115 kV transformer connected on Line #36. Additionally, a second 115 kV transformer is connected to Line #193. Current total delivery point load is approximately 30 MW.

Requested in-service date is 12/31/2027.



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

Need Number: DOM-2026-0032

Process Stage: Need Meeting 08/13/2026

Project Driver: Equipment Material Condition, Performance and Risk

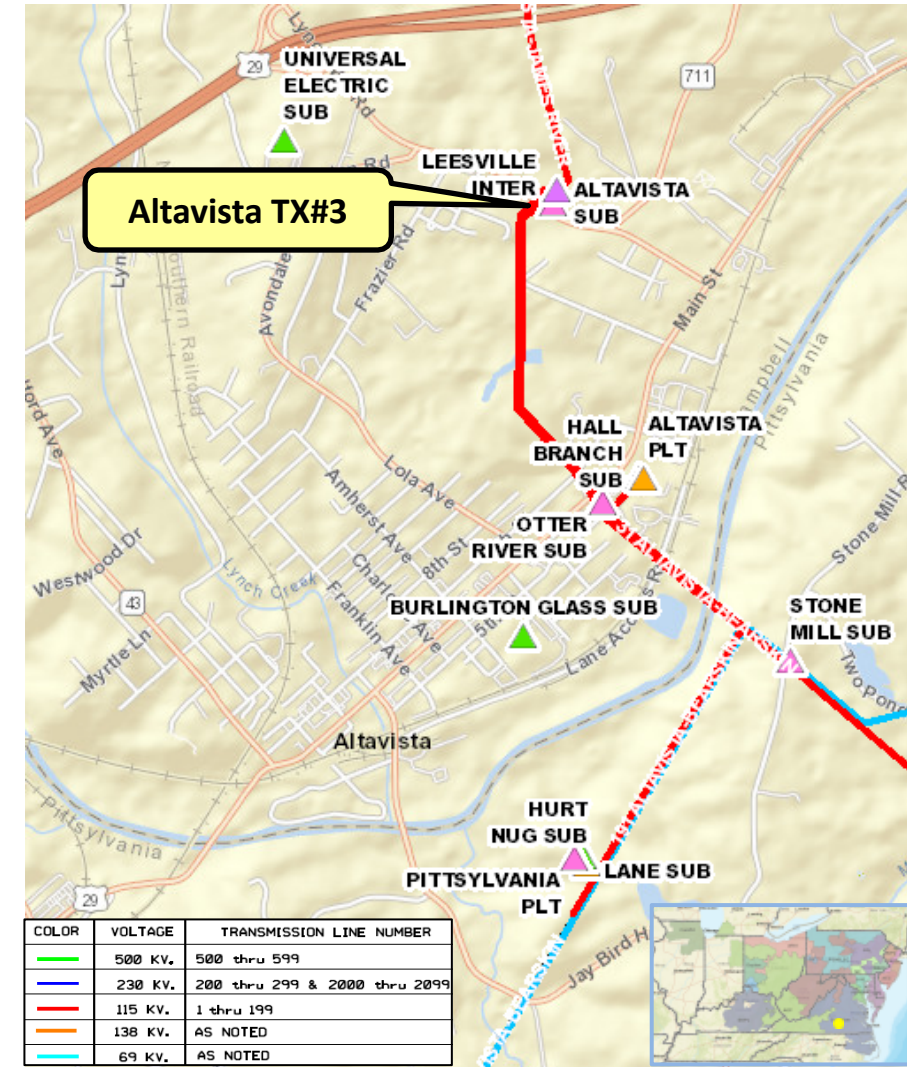
Specific Assumption References:

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

Problem Statement:

Altavista TX#3 is a 112 MVA, 138/115/13.2 kV transformer bank that was manufactured in 1981. This transformer bank has been identified for replacement based on the results of Dominion's transformer health assessment (THA) process. Detailed drivers include:

- Age (45 years old).
- Reduced BIL ratings (2 levels below standard).
- Tertiary winding design not meeting current MVA requirement for loading.
- Degraded porcelain type bushings.
- THA score less than 80.
- Transformer paint is not in good shape.



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

07/30/2026 – V1 – Original version posted to pjm.com.