

SRRTEP Committee Southern Dominion Supplemental Projects

April 18, 2024

Needs

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

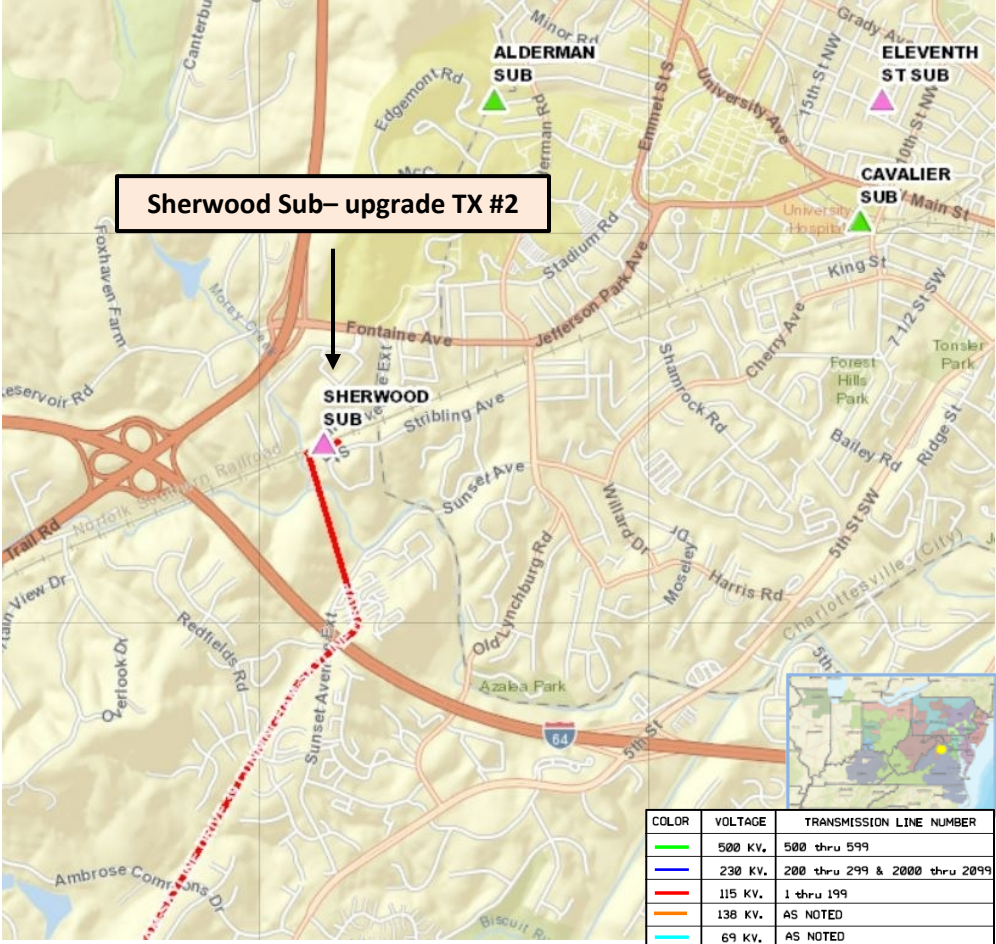
Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2024-0021
Process Stage: Need Meeting 04/18/2024
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:
 Dominion Distribution has submitted a delivery point request to upgrade TX#2 at Sherwood Substation in Albemarle County, Virginia. The upgrade is being driven by increasing customer load.

Requested in-service date is 12/31/2024.



Initial In-Service Load	Projected 2028 Load
Summer: 94.3 MW Winter: 60.7 MW	Summer: 98.7 MW Winter: 64.0 MW

Solutions

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

Dominion Transmission Zone: Supplemental Customer Load Request

Need Number: DOM-2023-0029
Process Stage: Solution Meeting 04/18/2024
Previously Presented: Need Meeting 04/20/2023
Project Driver: Customer Service

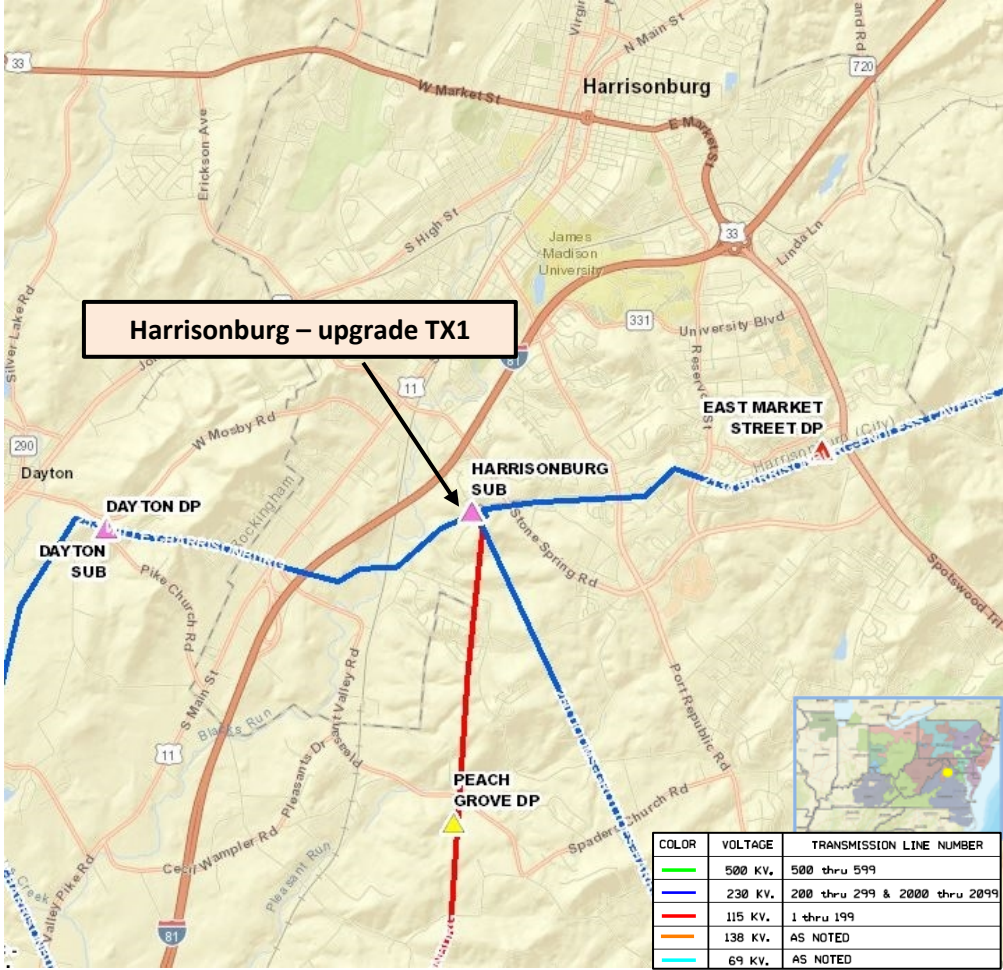
Specific Assumption References:

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

Problem Statement:

Dominion Distribution has submitted a delivery point request to upgrade TX #1 at Harrisonburg Substation in Rockingham County, Virginia. The upgrade is being driven by increasing customer load.

Requested in-service date is 12/31/2024.



Initial In-Service Load	Projected 2028 Load
Summer: 48.3 MW Winter: 71.0 MW	Summer: 51.0 MW Winter: 75.0 MW

Dominion Transmission Zone: Supplemental Harrisonburg TX#1 Upgrade - DEV

Need Number: DOM-2023-0029

Process Stage: Solutions Meeting 04/18/2024

Proposed Solution:

Install a circuit switcher on the high-side of the new upgraded transformer #1, with a minimum of 1200A capacity and interrupting capability of 25kA.

Estimated Project Cost: \$ 0.35M

Alternatives Considered:

None – this is upgrade work at an existing substation

Projected In-service Date: 12/31/2024

Project Status: Engineering

Model: RTEP 2028





Questions?

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

4/08/2024 – V1 – Original version posted to pjm.com.