

SRRTEP Committee Southern Dominion Supplemental Projects

May 16, 2024

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-2024-0021

Process Stage: Solution Meeting 05/16/2024

Previously Presented: Need Meeting 04/18/2024

Project Driver: Customer Service

Specific Assumption References:

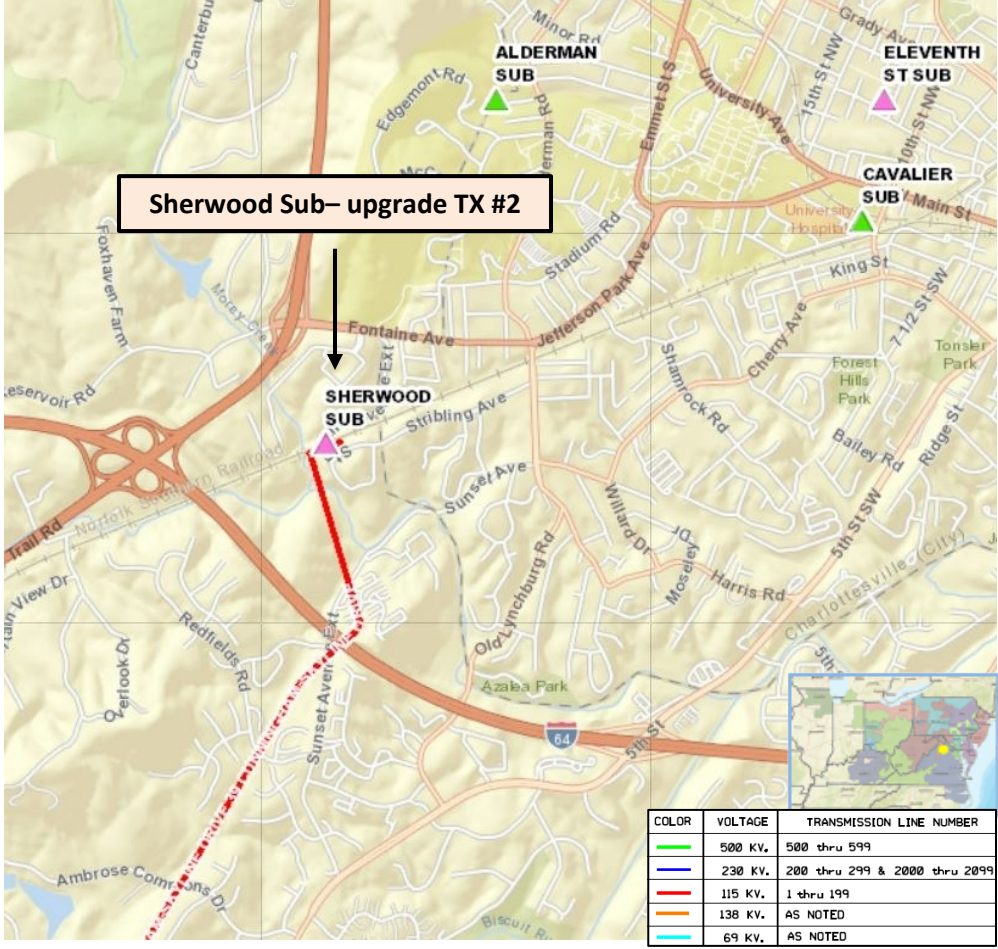
Customer load request will be evaluated per Dominion’s Facility Interconnection Requirements Document and Dominion’s Transmission Planning Criteria.

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



Dominion Transmission Zone: Supplemental Sherwood TX#2 Upgrade - DEV

Need Number: DOM-2024-0021

Process Stage: Solutions Meeting 05/16/2024

Proposed Solution:

Upgrade switch H284M to 2000A and circuit switcher H282 to 25kAIC on the high side of the new upgraded transformer #2.

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: RTEP2028





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

5/06/2024 – V1 – Original version posted to pjm.com.