

# Dominion Supplemental Projects

Transmission Expansion Advisory  
Committee  
December 1, 2020

# 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 Service

**Need Number:** DOM-2020-0045

**Process Stage:** Need Meeting 12/01/2020

**Project Driver:** Customer Service

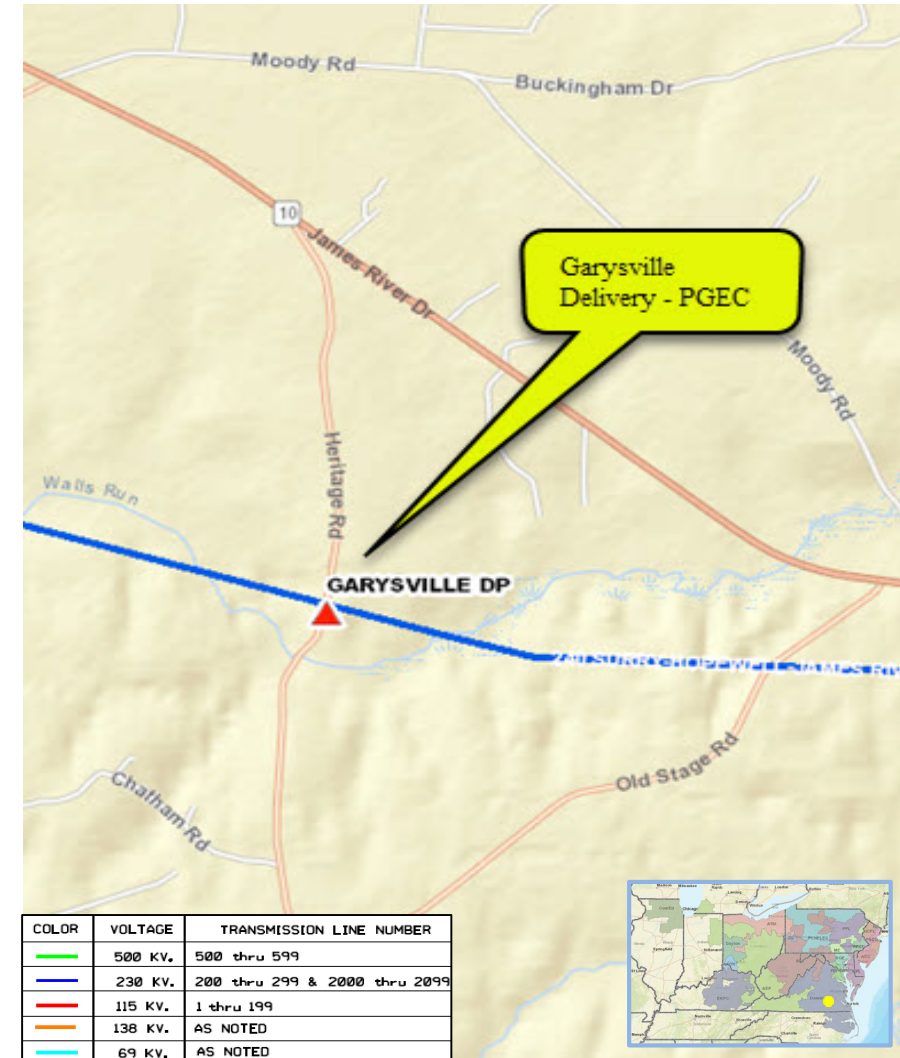
**Specific Assumption References:**

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

**Problem Statement:**

ODEC (on behalf of Prince George Electric Cooperative – PGEC) has submitted a DP Request to convert existing Garyville DP, in Prince George County, from a distribution sourced delivery to a transmission sourced delivery due to poor supplier reliability. Requested in-service date is 12/01/2022.

Initial In-Service Load	Projected 2025 Load
Summer: 11.3 MW	Summer: 11.7 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-2020-0041

**Process Stage:** Solution Meeting 12/01/2020

**Project Driver:** Customer Service

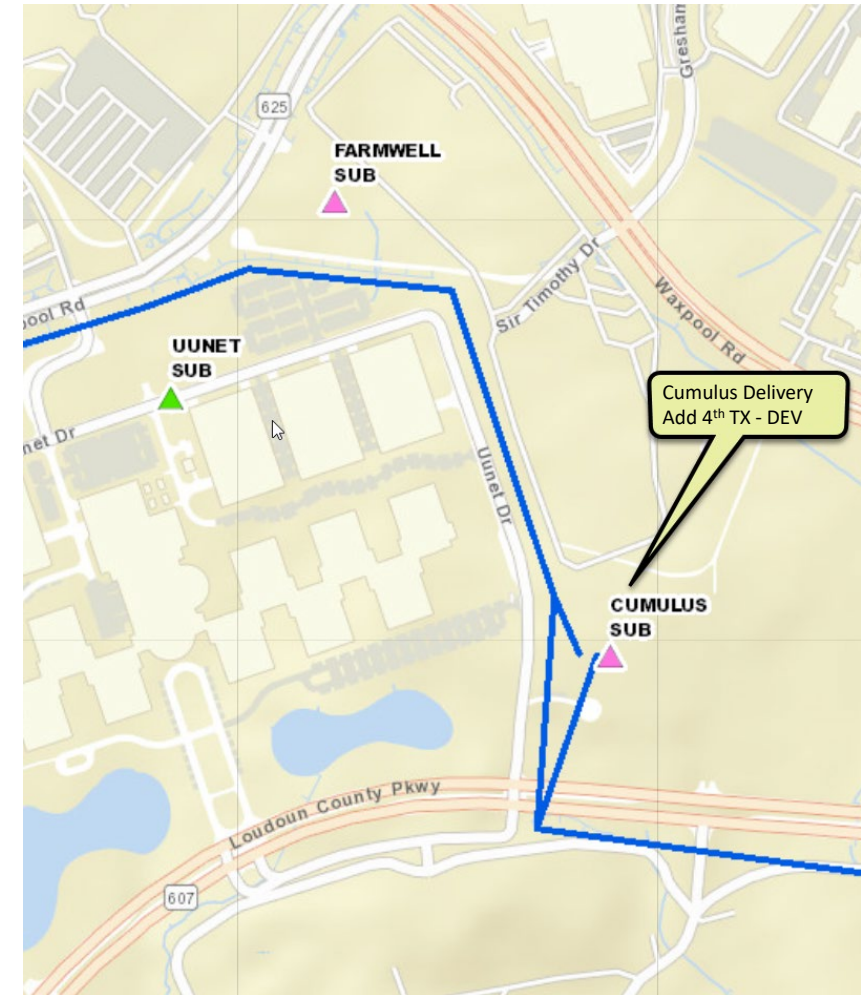
### Specific Assumption References:

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 to add a 4th distribution transformer at Cumulus Substation in Loudoun County. The new 84 MVA transformer is being driven by continued load growth in the area and contingency loading for loss of one of the existing transformers. Requested in-service date is 12/01/2022.

Initial In-Service Load	Projected 2025 Load
Summer: 142.8 MW	Summer: 256.1 MW



# Dominion Transmission Zone: Supplemental Cumulus 230kV Delivery- Add 4<sup>th</sup> TX - DEV

**Need Number:** DOM-2020-0041

**Process Stage:** Solutions Meeting 12/01/2020

**Proposed Solution:**

Install a 1200 Amp, 50kAIC circuit switcher and associated equipment (bus, switches, relaying, etc.) to feed the new transformer at Cumulus.

**Estimated Project Cost:** \$0.50 M

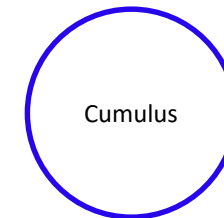
**Alternatives Considered:**

No feasible alternatives

**Projected In-service Date:** 12/01/2022

**Project Status:** Engineering

**Model:** 2025 RTEP



# 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

11/20/2020 – V1 – Original version posted to pjm.com.