

PJM TEAC Committee

Dominion Supplemental Projects

June 13, 2019

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 M-3 Process Add 2nd TX – Chickahominy 230kV Delivery - DEV

Need Number: DOM-2019-0019

Process Stage: Solutions Meeting 06/13/2019

Previously Presented:

Needs Meeting 04/11/2019

Supplemental Project Driver:

Customer Service

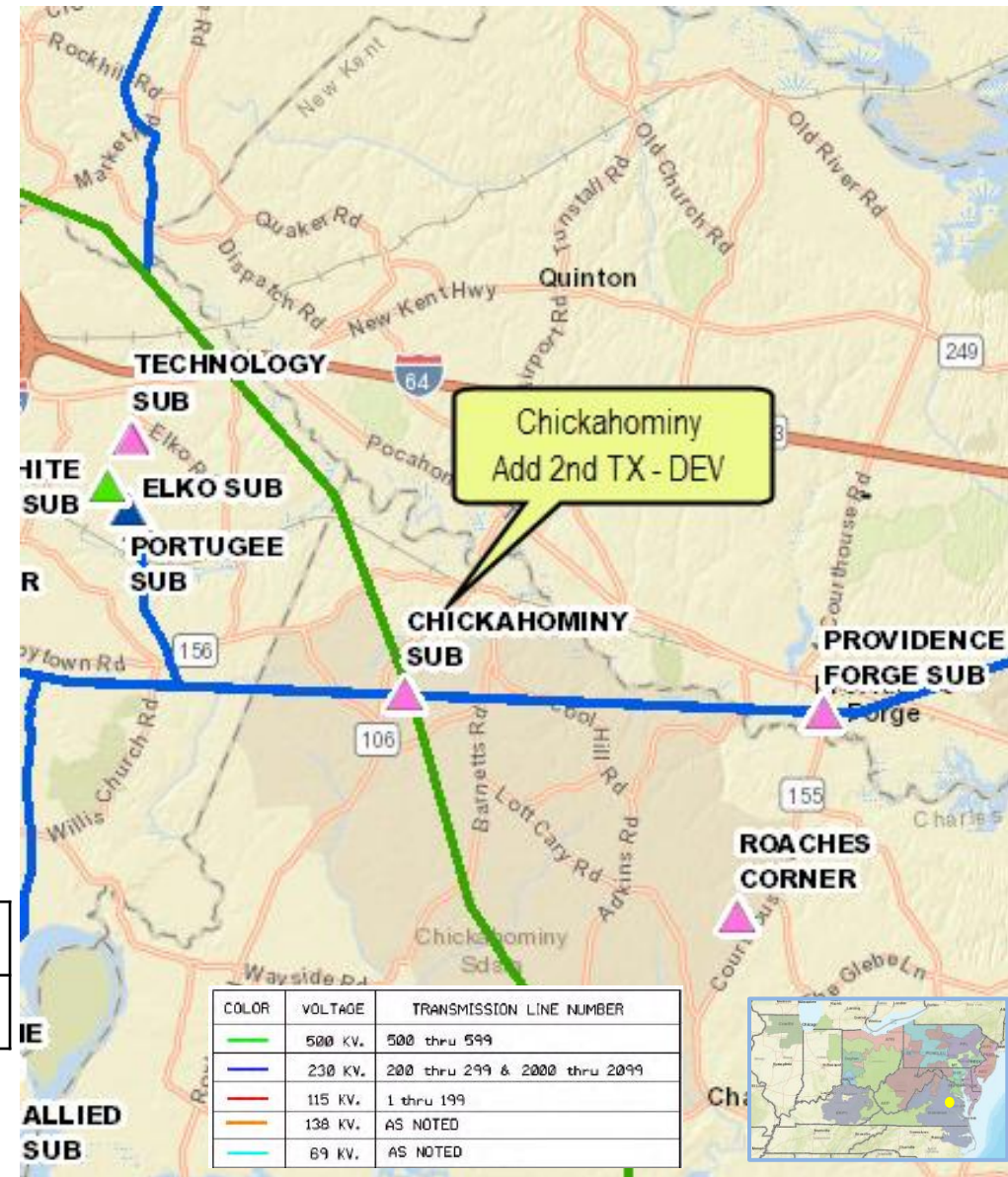
Specific Assumption References:

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 56 MVA distribution transformer at Chickahominy Substation in Charles City County. The new transformer is being requested for contingency support of Providence Forge substation. Requested in-service date is 5/31/2021.

Initial In-Service Load	Projected 2024 Load
Summer: 10 MW	Summer: 21 MW



Dominion Transmission Zone M-3 Process Add 2nd TX – Chickahominy 230kV Delivery - DEV

Need Number: DOM-2019-0019

Process Stage: Solutions Meeting 06/13/2019

Proposed Solution:

Install 3000 Amp, 50kAIC circuit breaker and associated equipment (bus, switches, relaying, etc.) to feed the new transformer at Chickahominy.

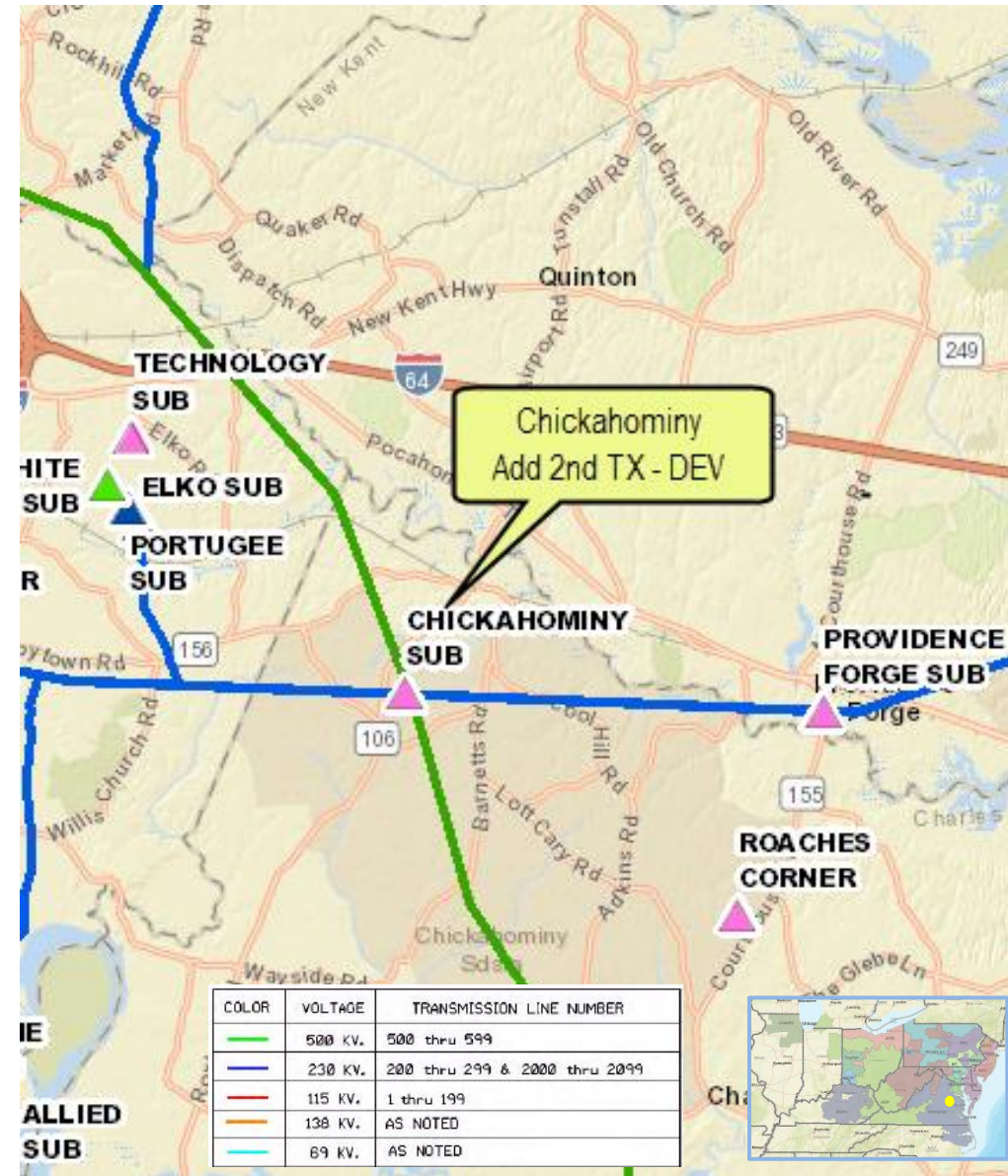
Alternatives Considered:

No feasible alternatives

Estimated cost: \$ 0.75M

Projected In-Service: 05/31/2021

Project Status: Conceptual



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

06/03/2019 – V1 – Original version posted to pjm.com