

# SRRTEP Committee Southern Dominion Supplemental Projects

August 27, 2019

# 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 M-3 Process Customer Load Request

**Need Number: DOM-2019-026**

**Process Stage: Need Meeting 08/27/2019**

**Project Driver: Customer Service**

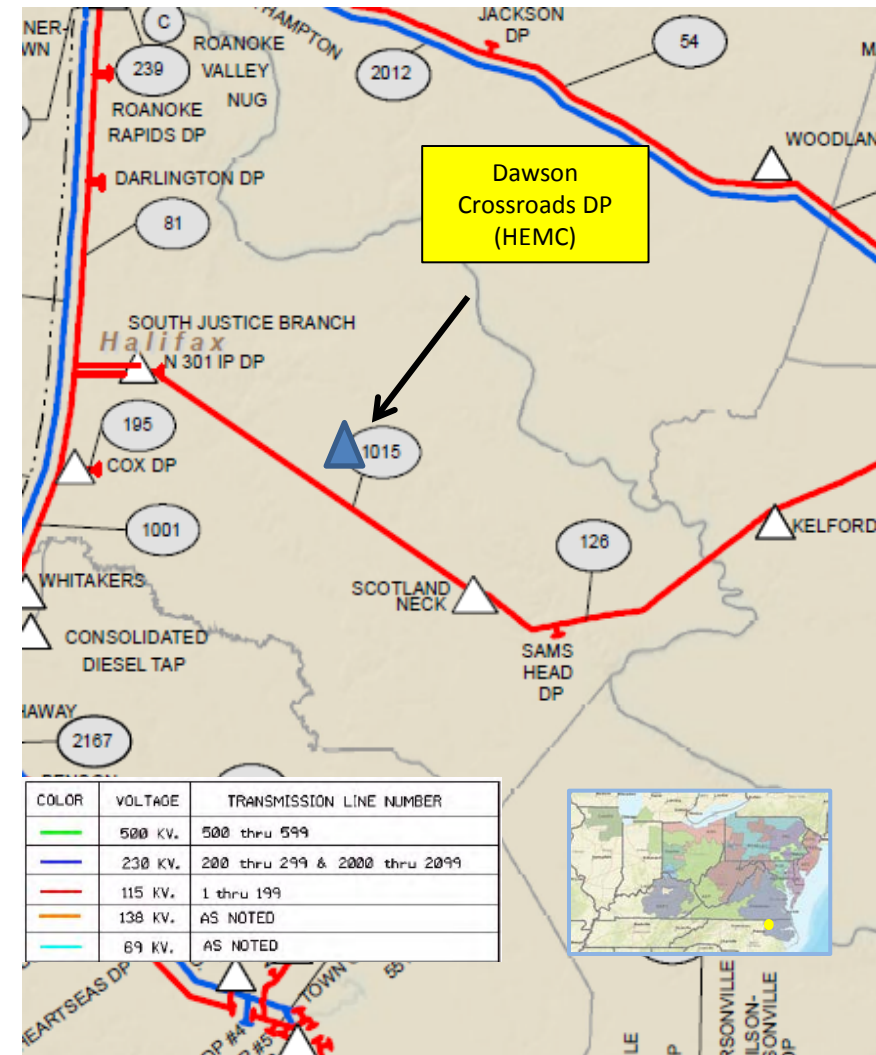
**Specific Assumption References:**

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

**Problem Statement:**

NCEMC has submitted a request on behalf of Halifax EMC (HEMC) for a new Delivery Point (Dawsons Crossroads) at Halifax, NC, to replace an existing distribution Delivery Point due to poor reliability. The customer requests service by November 1, 2020.

Initial In-Service Load	Projected 2024 Load
Winter: 2.5 MW	Winter: 2.6 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 M-3 Process

## Customer Load Request

**Need Number: DOM-2019-013**

**Process Stage:** Solutions Meeting 08/27/2019

**Previously Presented:** Need Meeting 02/20/2019

**Project Driver:** Customer Service

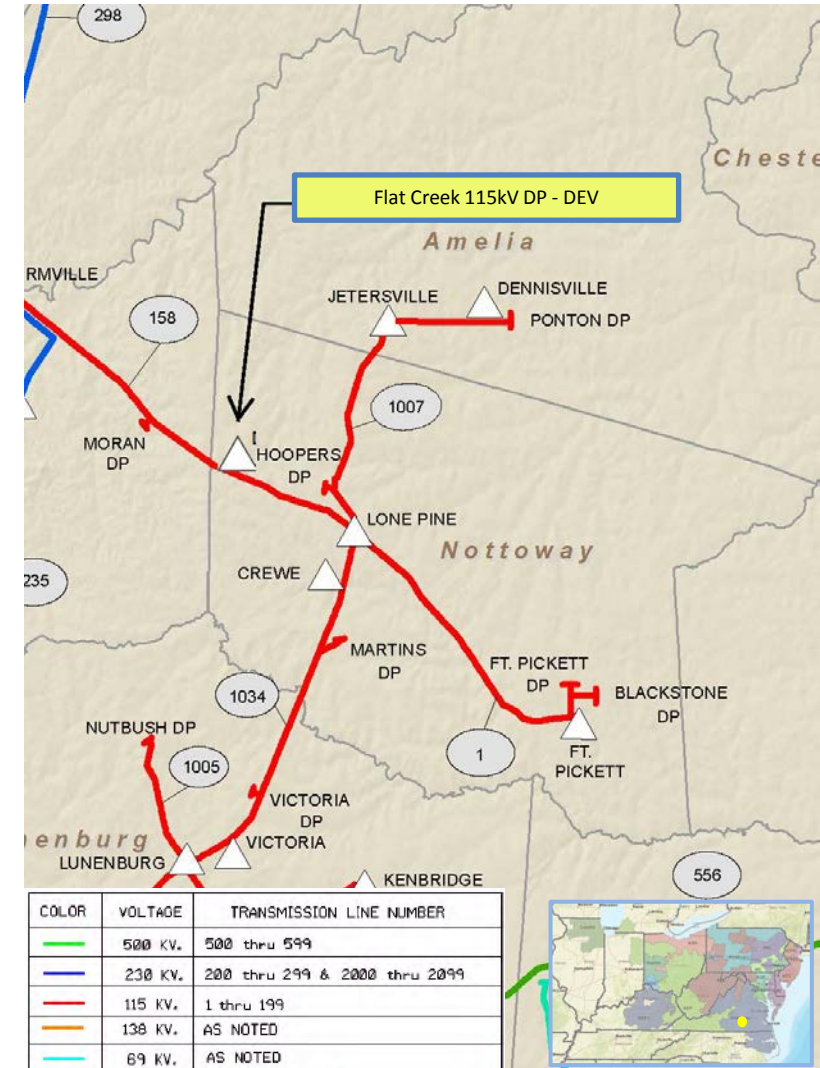
**Specific Assumption References:**

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 for new Flat Creek Substation (initially presented 02/20/2019 as Burkeville) to support commercial and industrial load growth in Nottoway County. Requested in-service date is 09/15/2020.

Initial In-Service Load	Projected 2024 Load
Summer: 10.6 MW	Summer: 10.6 MW



# Dominion Transmission Zone M-3 Process

## Flat Creek 115 kV Delivery - DEV

**Need Number: DOM-2019-013**

**Process Stage:** Solutions Meeting 08/27/2019

**Proposed Solution:**

Cut into line #158 and install three line switches. Install a 115 kV circuit switcher on the high side of the new transformer. Perform any necessary associated transmission level work to support this new substation.

**Estimated Project Cost:** \$0.7 M

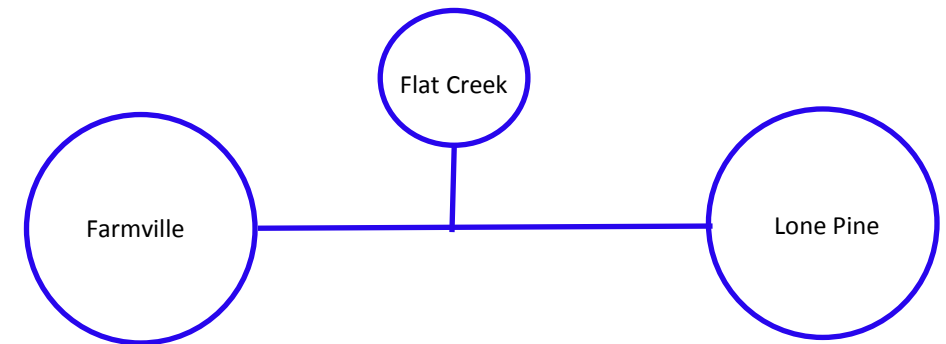
**Alternatives Considered:**

No feasible alternatives

**Projected In-service Date:** 09/15/2020

**Project Status:** Conceptual

**Model:** 2023 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

8/16/2019 – V1 – Original version posted to pjm.com

8/20/2019 – V2 – Corrected the Need Number on slides 5-6 from DOM-2018-013 to DOM-2019-013.