



# Sub Regional RTEP Committee PJM South

February 20, 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: Supplemental Customer Load Request

**Need Number: DOM-2019-0009**

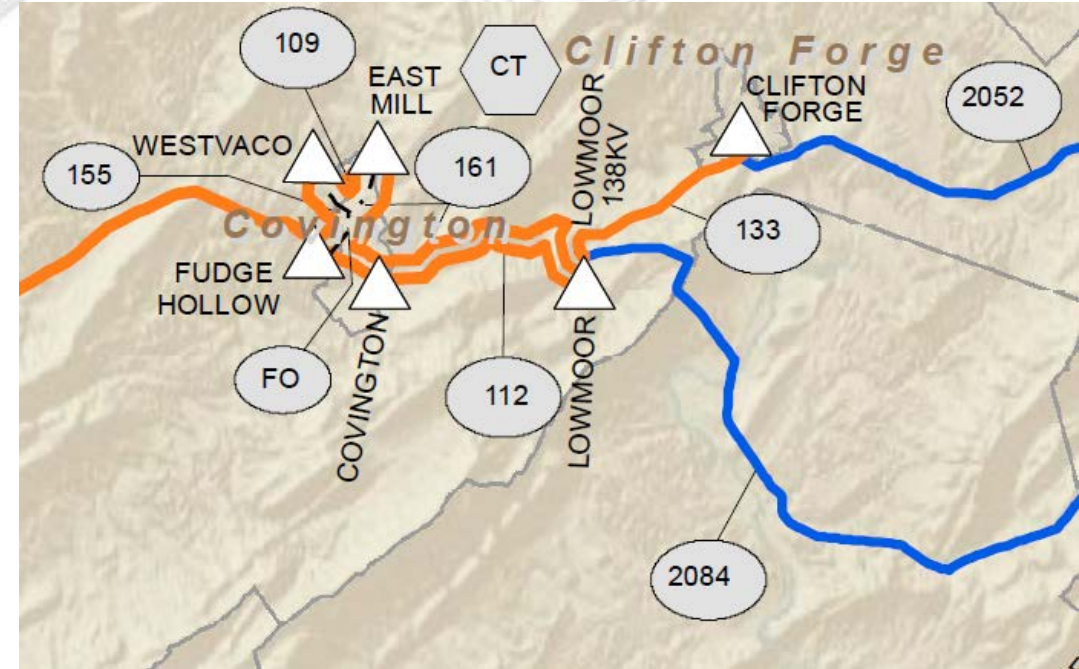
**Meeting Date: 02/20/2019**

**Process Stage: NEED**

**Supplemental Project Driver: Customer Service**

**Problem Statement:**

DEV Distribution has submitted a DP Request to add a second 138/13.2kV distribution transformer at Clifton Forge Substation in Alleghany county. This transformer will support residential and commercial load growth. Requested in-service date is 06/15/2019.



Initial In-Service Load	Projected 2024 Load
Summer: 31 MW	Summer: 32 MW

**Specific Assumption References:**

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

COLOR	VOLTAGE	TRANSMISSION LINE NUMBER
Green	500 KV.	500 thru 599
Blue	230 KV.	200 thru 299 & 2000 thru 2099
Red	115 KV.	1 thru 199
Orange	138 KV.	AS NOTED
Cyan	69 KV.	AS NOTED



**Need Number: DOM-2018-0013**

**Meeting Date: 02/20/2019**

**Process Stage: NEED**

**Supplemental Project Driver: Customer Service**

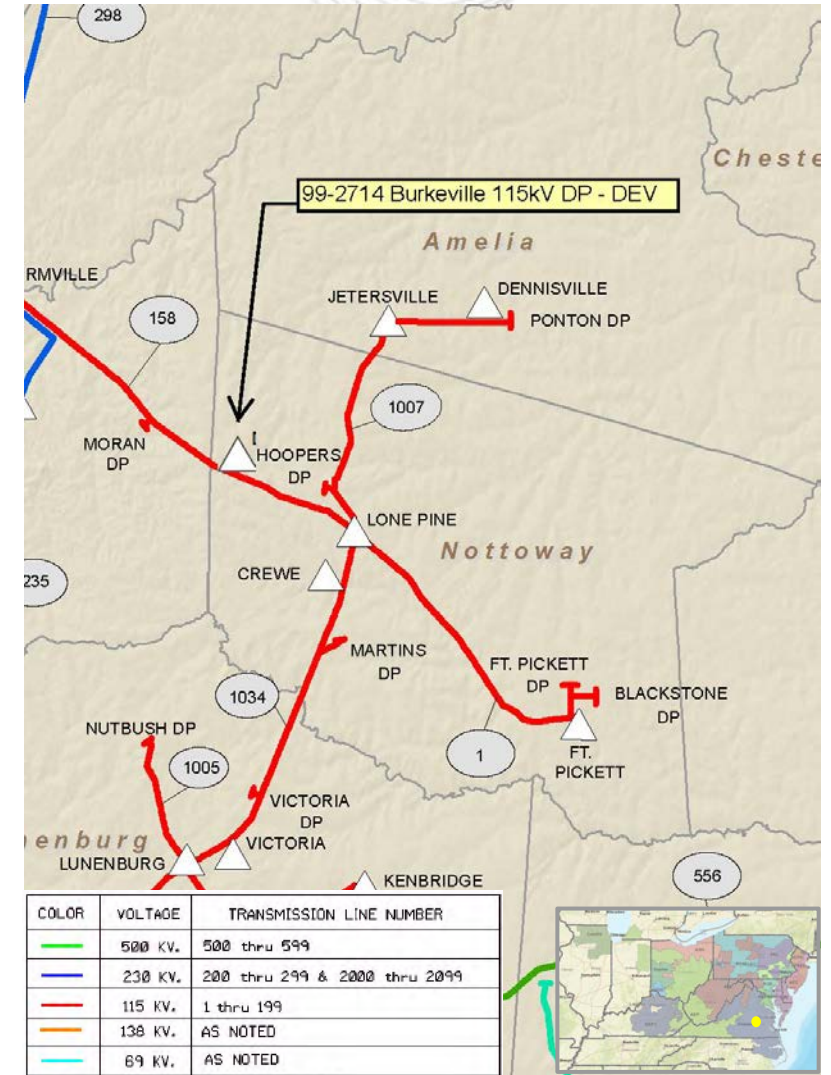
**Problem Statement:**

DEV Distribution has submitted a DP Request for a new substation (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

**Specific Assumption References:**

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



# 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-2019-0001**

**Meeting Date: 02/20/2019**

**Process Stage: SOLUTIONS**

**Need Slide Presented: 01/17/2019**

**Supplemental Project Driver: Customer Service**

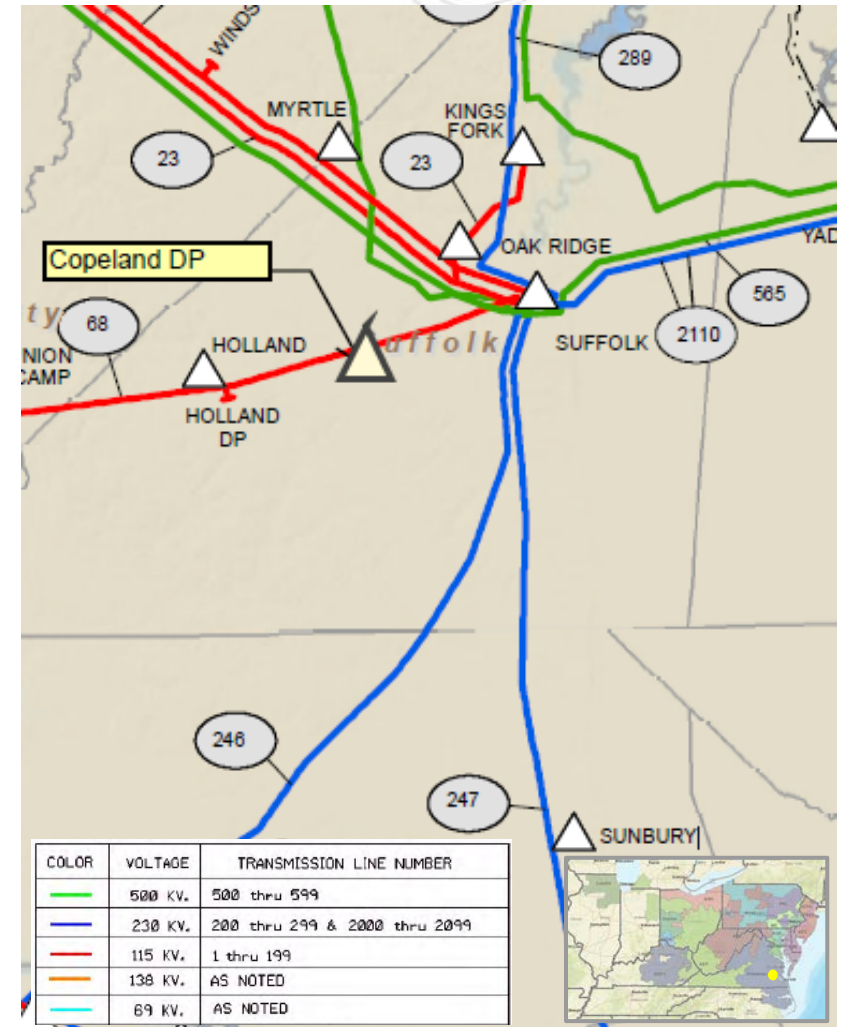
**Problem Statement:**

ODEC has submitted a request on behalf of Community EC (COMM) for a new Delivery Point (Copeland) at Suffolk, VA, to support future load growth in the area. The customer requests service by May 1, 2019.

Initial In-Service Load	Projected 2024 Load
Winter: 11 MW	Winter: 12 MW

**Specific Assumption References:**

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





# Dominion Transmission Zone: Supplemental Customer Load Request

**Need Number: DOM-2019-0001**

**Proposed Solution:**

Cut into line #68 and install 3 line switches and other associated transmission equipment to connect to COMM's new DP station Copeland.

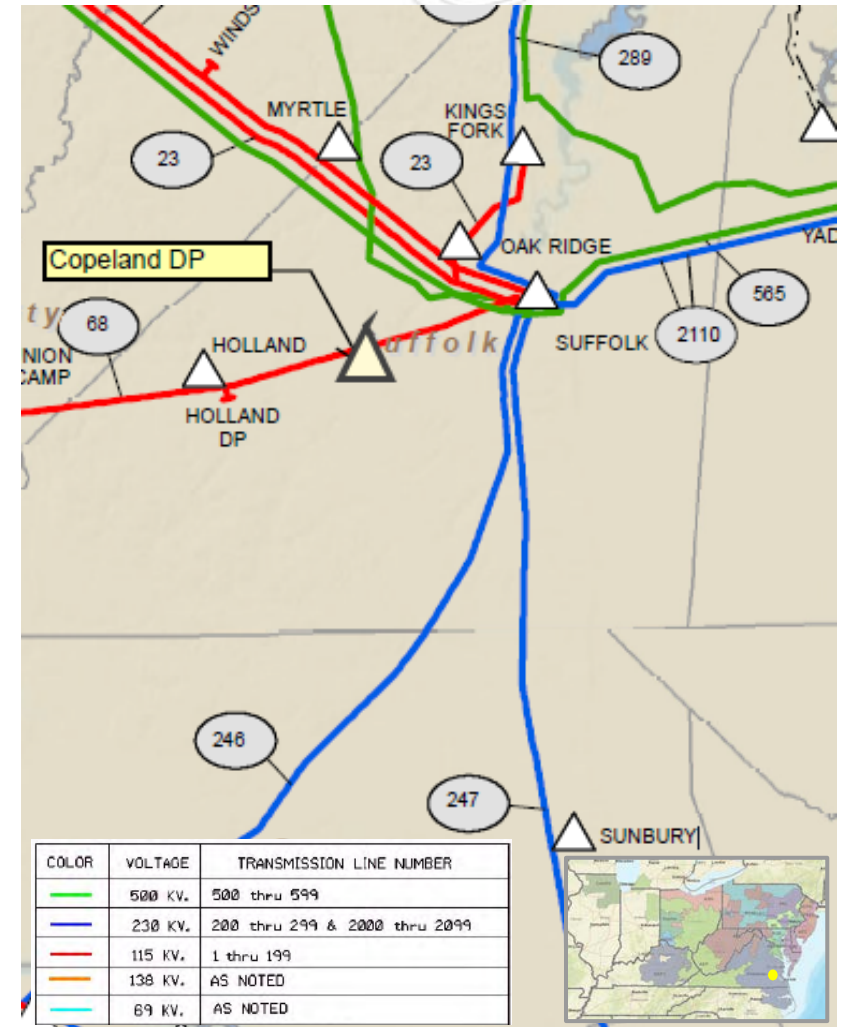
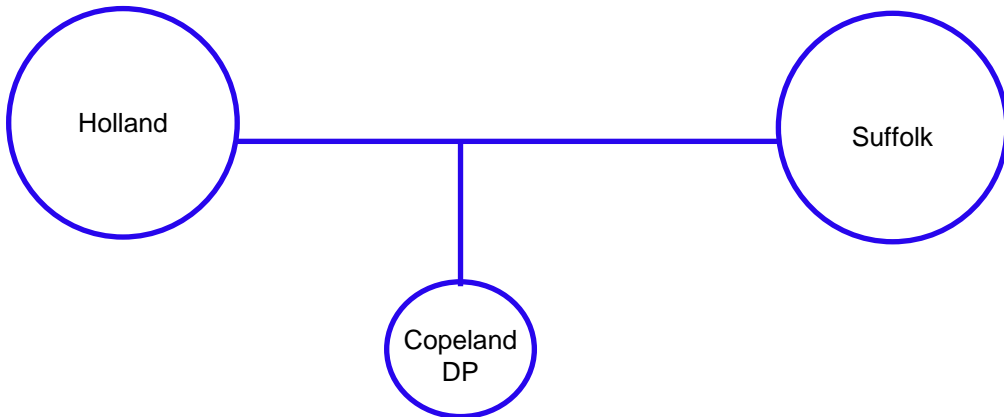
**TO Alternative:**

No feasible alternatives

**Estimated Project Cost: \$1M**

**Project IS Date: 05/01/2019**

**Project Status: Engineering**



# Supplemental Project Cancellation





**Date Project Last Presented:** 01/30/2018 & 03/27/2018 SRRTEP

**Problem Statement:**

ODEC has requested a new 115kV delivery point on behalf of Mecklenburg EC to replace Hickory Grove DP #2 (3MW). The main drivers for the new 115kV delivery point are MEC's:

1. Aging equipment needs to be replaced and clearance issues need to be corrected; however, MEC cannot expand the station because MEC does not own Hickory Grove DP property.
2. It is not practical for the load to be served by DE distribution.

**Selected Solution:**

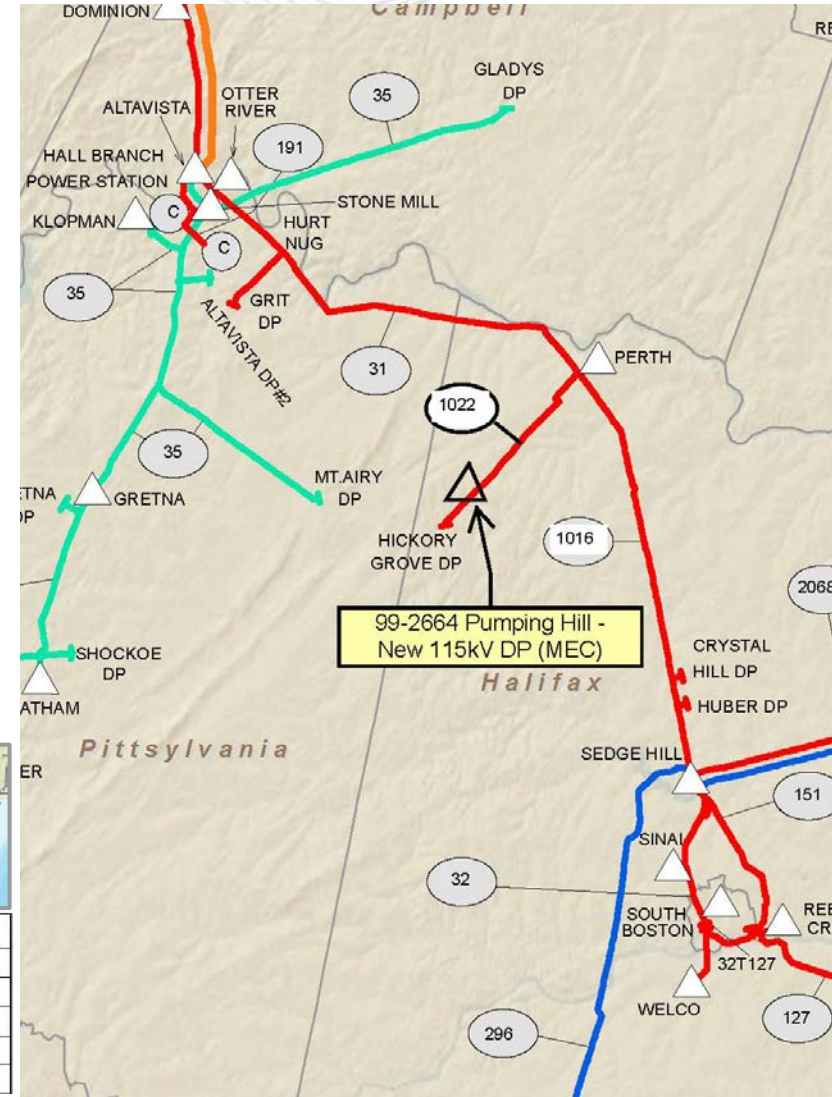
Dominion Energy to support the installation of MEC's new 115kV delivery point by installing 3 switches. Hickory Grove DP #2 will be retired. Hickory Grove DP #1 will remain as an industrial service to feed a pipeline. **(s1577)**

**Estimated Project Cost:** \$1.5 M

**Projected In-service Date:** 6/1/2019

**Project Status:** **Cancelled**

**Reason Cancelled:** Customer cancelled project.



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Green	500 KV.	500 thru 599
Blue	230 KV.	200 thru 299 & 2000 thru 2099
Red	115 KV.	1 thru 199
Orange	138 KV.	AS NOTED
Cyan	89 KV.	AS NOTED

# Next Steps

# Questions?



# Appendix



### 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

02/08/2019 – V1 – Original version posted to [pjm.com](http://pjm.com)