



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

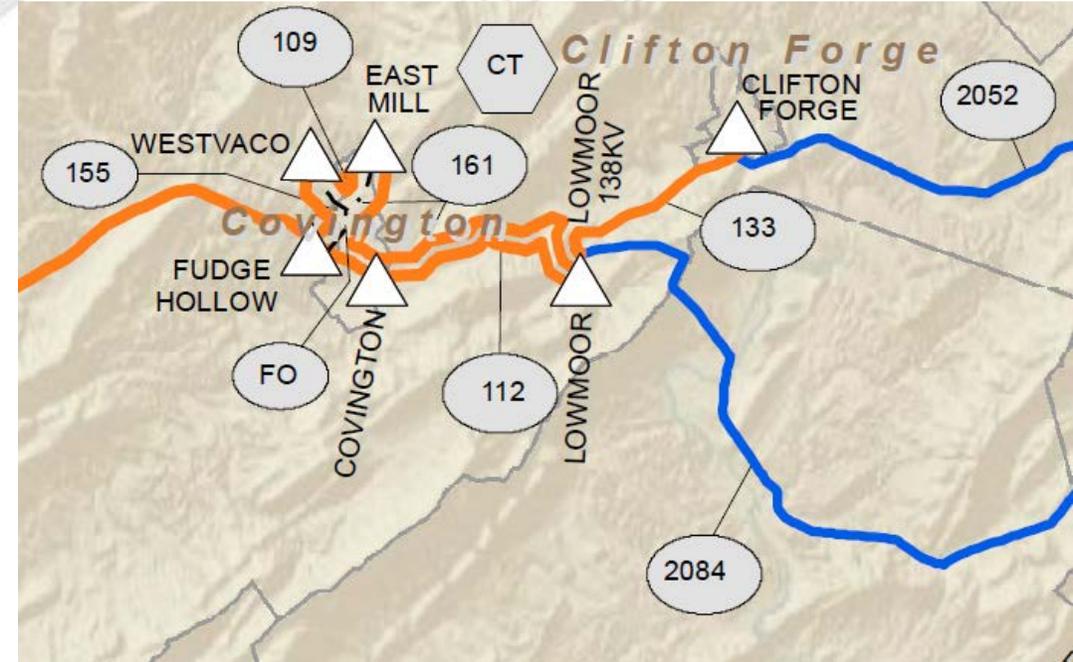
Meeting Date: 02/20/2019

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-2019-013

Meeting Date: 02/20/2019

Process Stage: NEED

Supplemental Project Driver: Customer Service

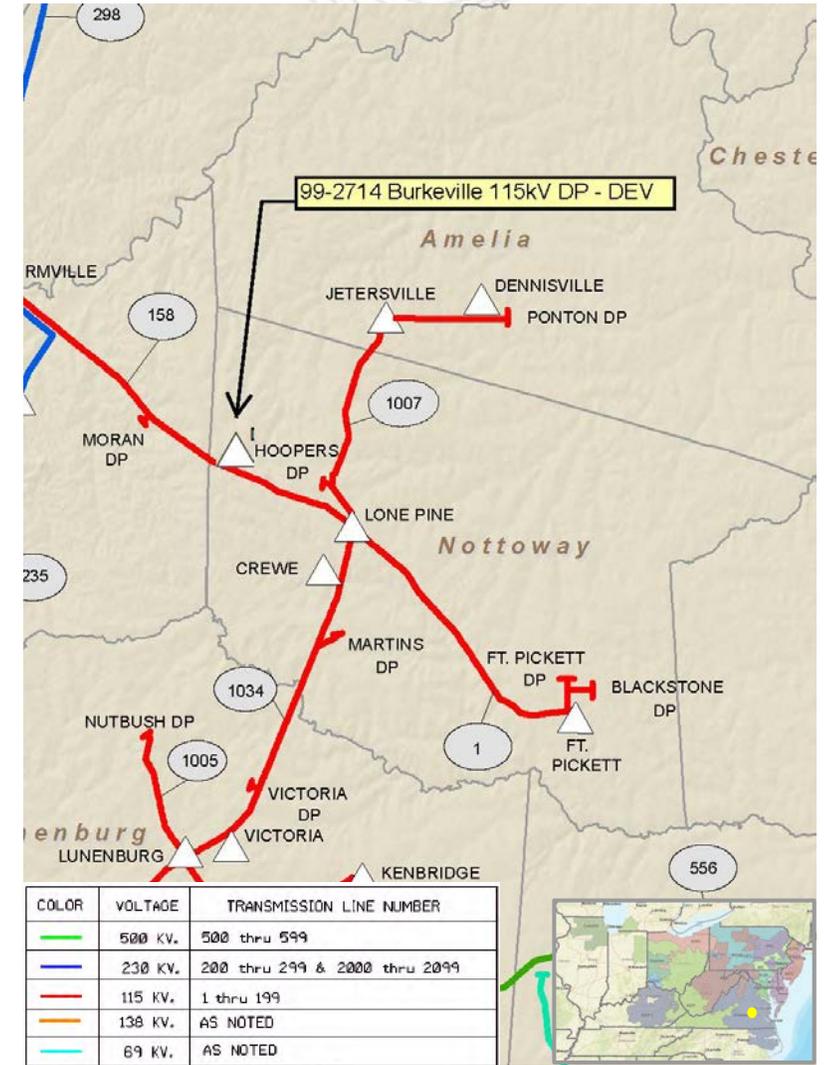
Problem Statement:

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

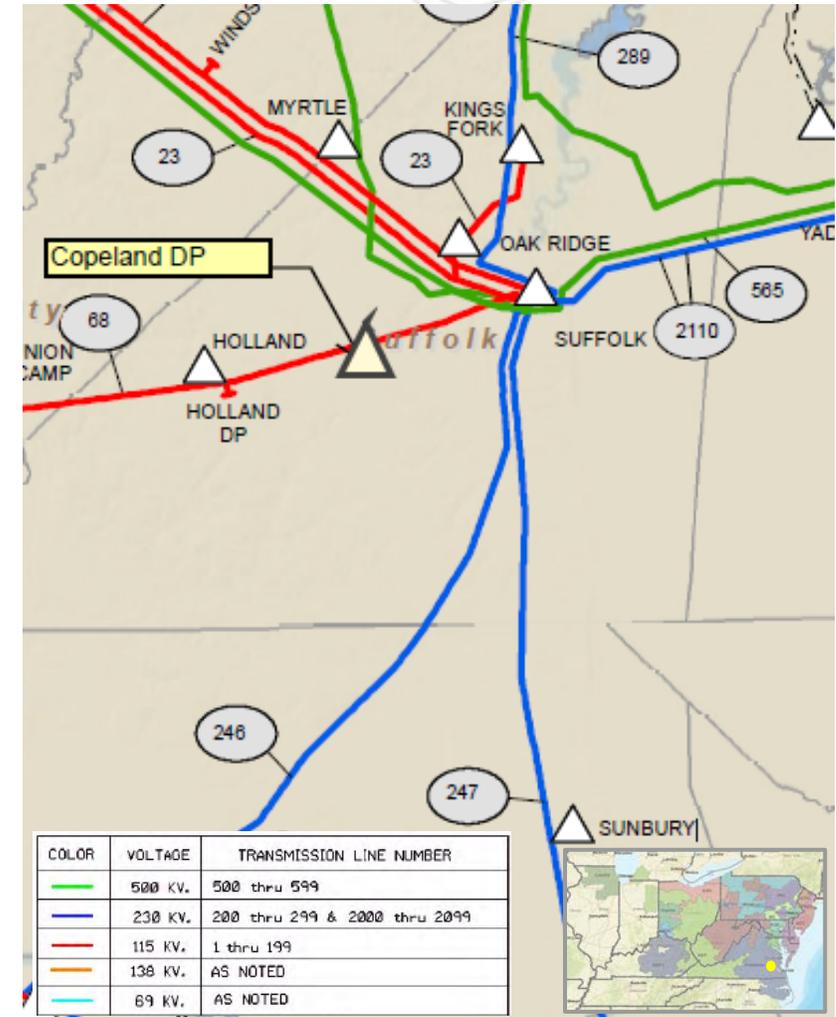
Problem Statement:

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.

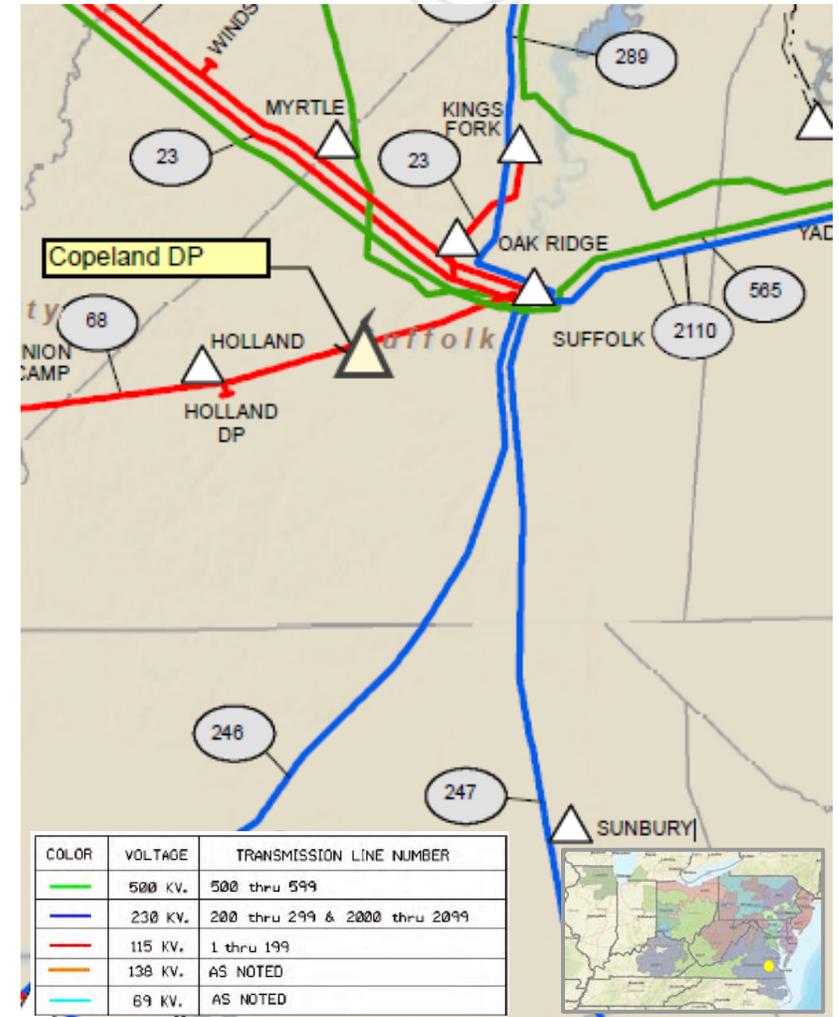
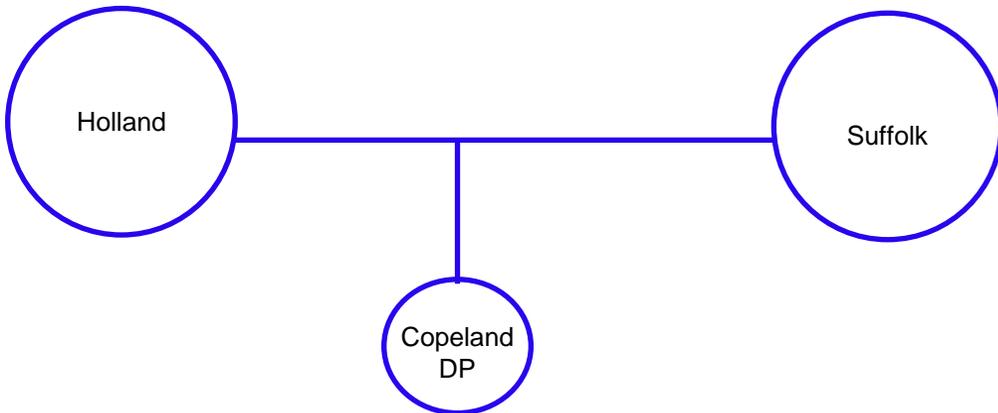
TO Alternative:

No feasible alternatives

Estimated Project Cost: \$1M

Project IS Date: 05/01/2019

Project Status: Engineering



Supplemental Project Cancellation



Dominion Transmission Zone: Supplemental Pumping Hill – New 115kV Delivery Point for Mecklenburg EC

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

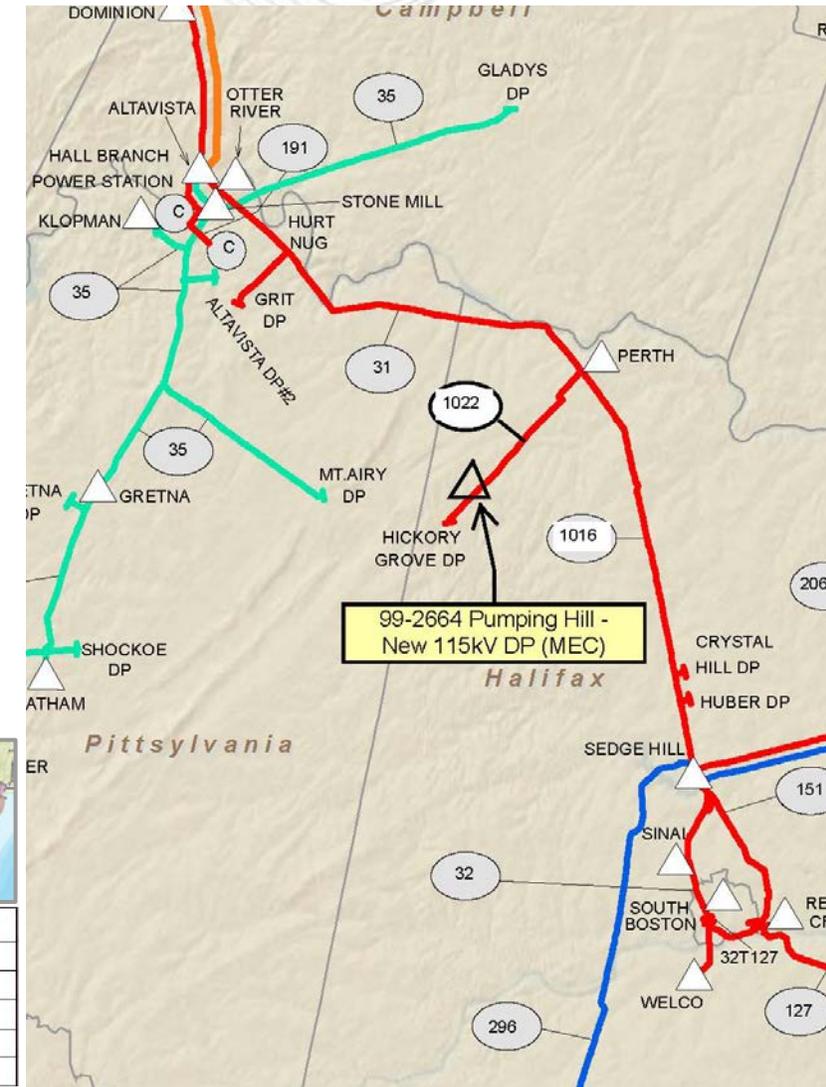
Projected In-service Date: 6/1/2019

Project Status: Cancelled

Reason Cancelled: Customer cancelled project.



COLOR	VOLTAGE	TRANSMISSION LINE NUMBER
—	500 KV.	500 thru 599
—	230 KV.	200 thru 299 & 2000 thru 2099
—	115 KV.	1 thru 199
—	138 KV.	AS NOTED
—	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

08/20/2019 – V2 – Corrected the Need Number on slide 4 from DOM-2018-013 to DOM-2019-013.