

PEPCO 2021
Submission of Supplemental Projects for
Inclusion in the Local Plan

Need Number: PEP-2021-001

Process Stage: Submission of Supplemental Project for inclusion in the Local Plan 09/01/2021

Previously Presented

Solutions Meeting 3/9/2021

Need Meeting 2/9/2021

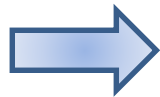
Project Driver: Other

Specific Assumption Reference:
Technological Pilot Projects

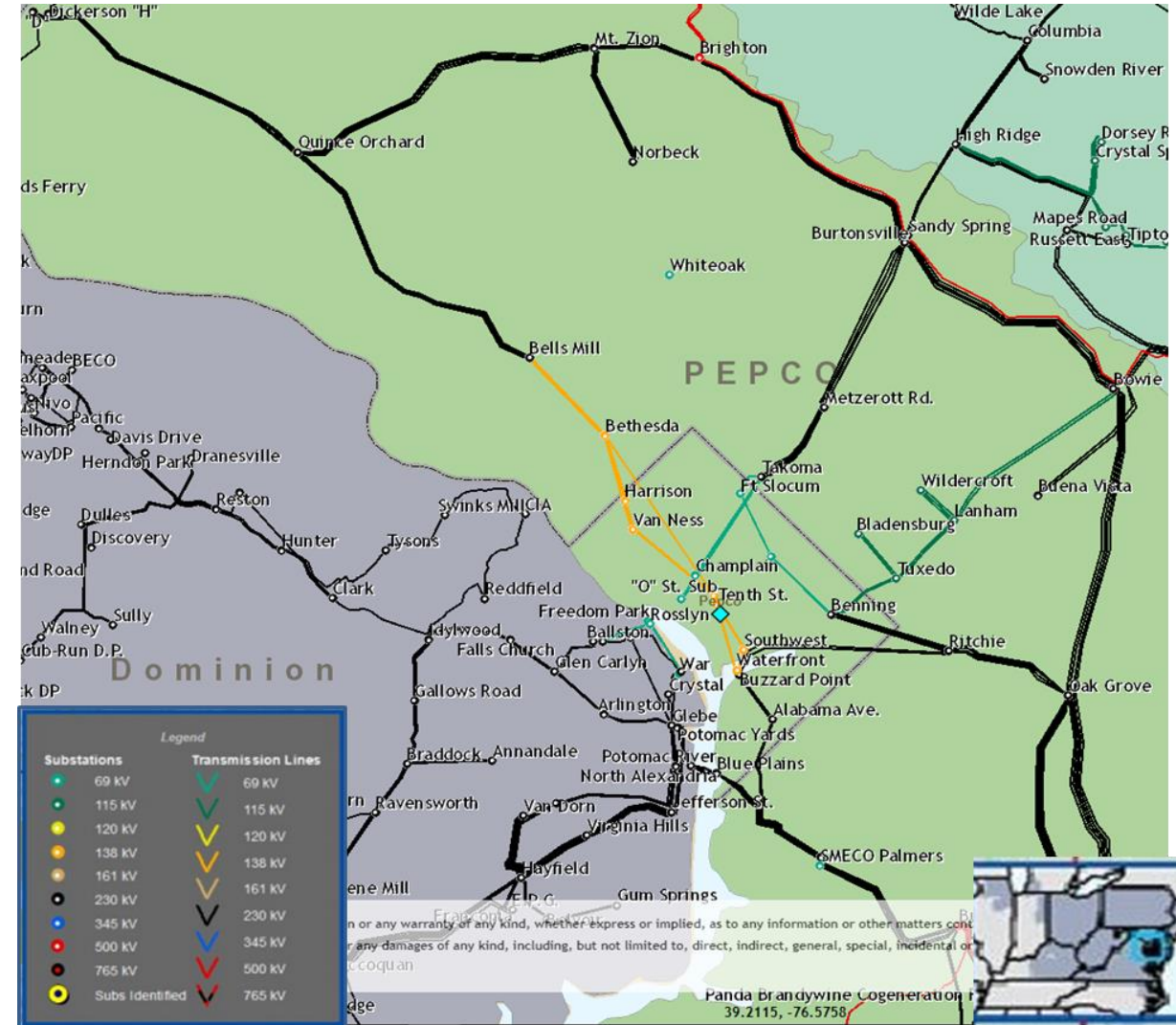
Problem Statement:

- To test the innovative technology of E3X coated conductor to get increased clearance compared to conventional conductor
- To analyze the E3X coated conductor of its ability to increase the circuit rating, as this conductor type has increased emissivity & lower absorptivity, that allows it to operate at higher ampacity

Higher Emissivity
&
Lower Absorptivity



Cooler Conductor
&
More Ampacity



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08/30/2021

Selected Solution:

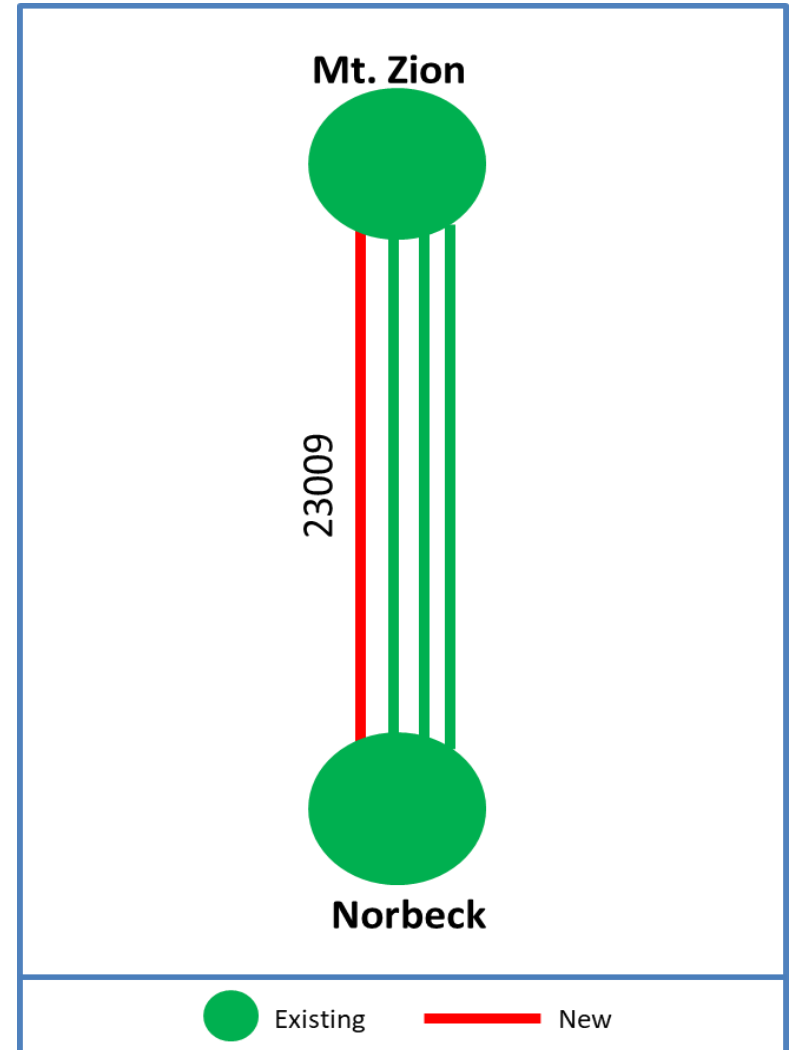
- Reconductor Transmission Line 23009 from Mount Zion to Norbeck (4.5mi) with E3X coated conductor

Projected In-Service: 06/01/2022

Supplemental Project ID: S2563

Project Status: Conceptual

Model: 2025 RTEP



Revision History

09/01/2021 – V1 – Posted Local plan for S2563