

BGE 2019
Submission of Supplemental Projects for
Inclusion in the Local Plan

Need Number: BE-2019-0001

Process Stage: Submission of Supplemental Project for inclusion in the Local Plan 12/03/2019

Previously Presented:

Need 01/25/2019

Solution 03/25/2019

Supplemental Project Driver: Customer Service

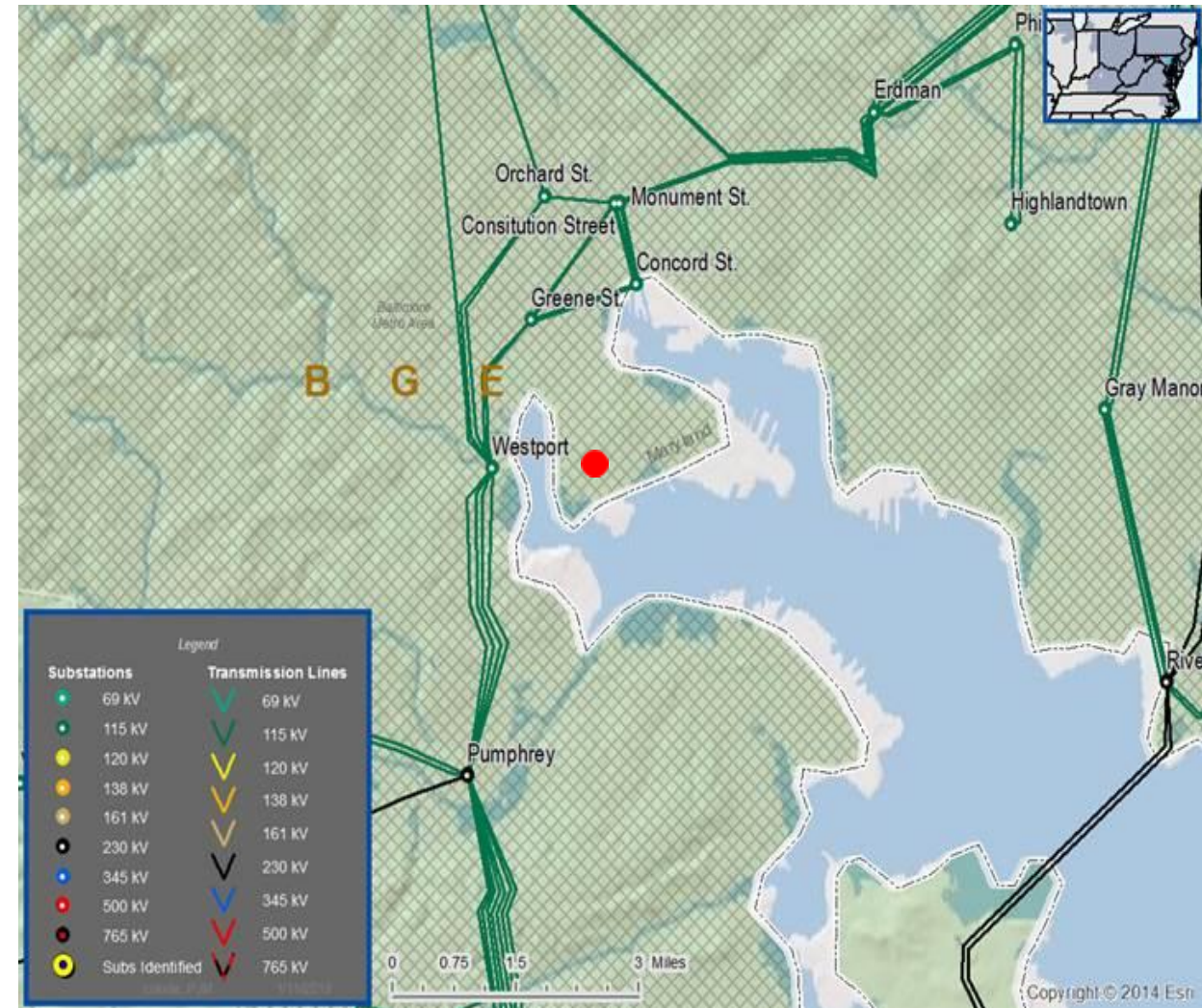
Problem Statement:

New distribution customer load on the Port Covington peninsula

Specific Assumption References:

2019 Local Planning Assumptions (BGE) – 12/07/2018 Mid Atlantic SRTEP

- Customer Service



Need Number: BE-2019-0001

Process Stage: Submission of Supplemental Project for inclusion in the Local Plan 12/03/2019

Selected Solution:

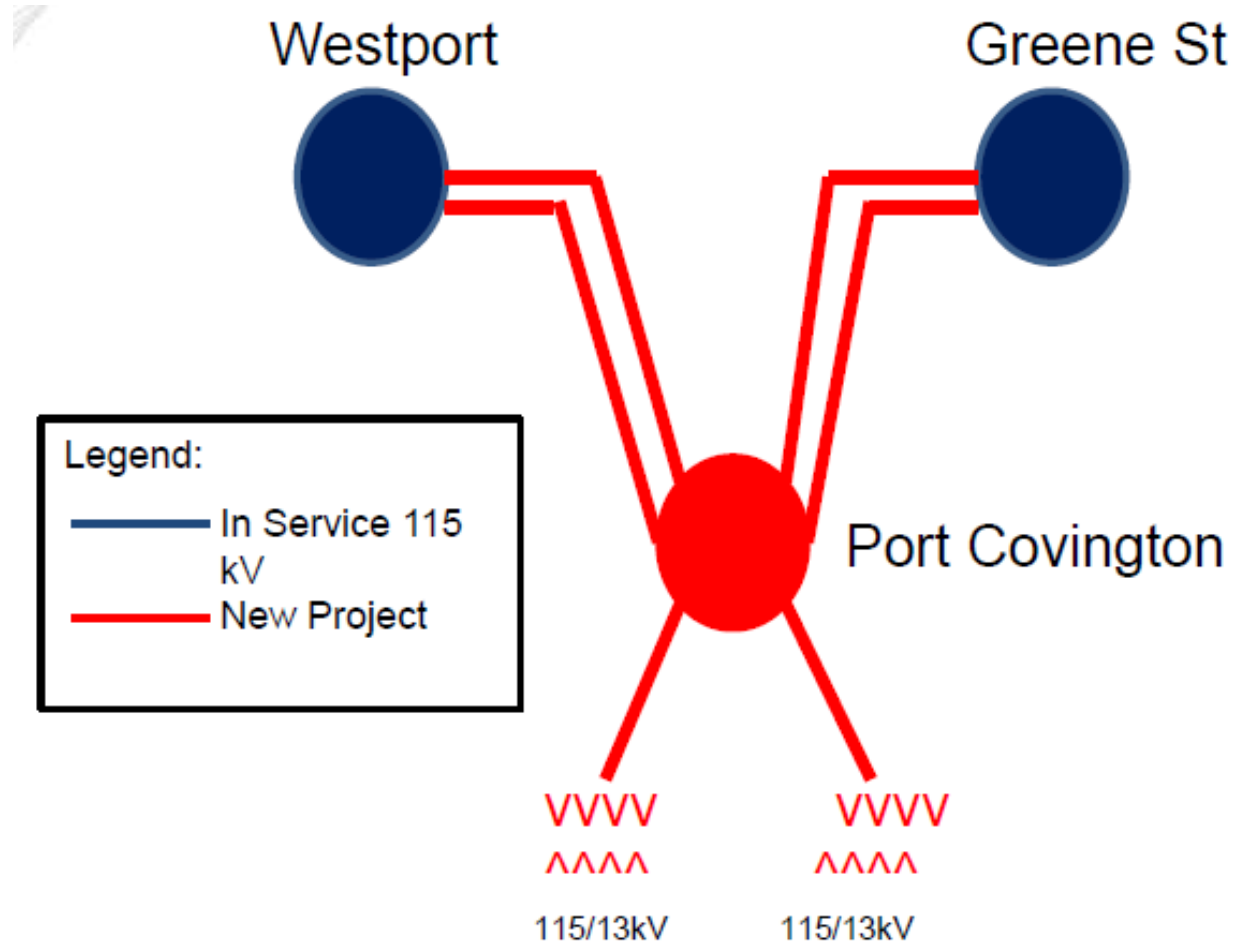
- Build a new Port Covington 115/13 kV station
- Expand existing Westport 115 kV station to accommodate new 115 kV UG circuits
- Build two 115 kV UG transmission supplies from Westport to Port Covington
- Build two 115 kV UG transmission supplies from Greene St to Port Covington

Estimated Cost: \$105M

Projected In-Service: 12/01/2026

Supplemental Project ID: S2025

Project Status: Design & Engineering



Need Number: BG-2019-0003

Process Stage: Submission of Supplemental Project for inclusion in the Local Plan 12/03/2019

Previously Presented:

Need Meeting 10/21/2019

Solutions Meeting 11/18/19

Project Driver: Equipment Material Condition, Performance and Risk

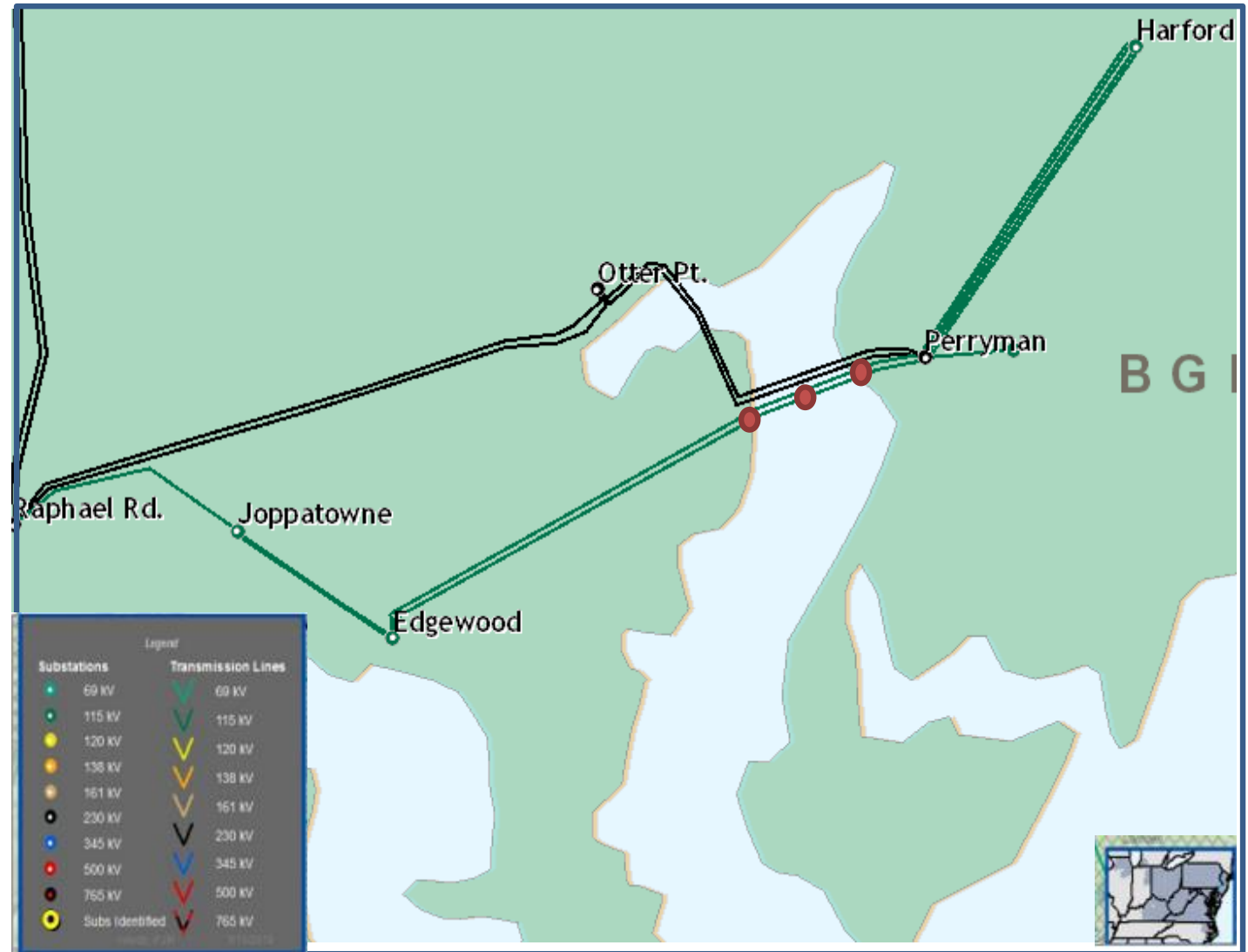
Specific Assumption Reference:

Material Condition

Problem Statement:

The Edgewood-Perryman 115kV circuits 110620, 110621 have three lattice towers with deteriorating pile and cap foundation and significant contamination of insulators, conductors, tower steel and foundations.

Model: 2024 PJM RTEP



Need Number: BG-2019-0003

Process Stage: Submission of Supplemental Project for inclusion in the Local Plan 12/03/2019

Selected Solution:

Replace existing 3 lattice towers and conductor with 7 new double circuit monopole towers and conductor.

Ancillary Benefits:

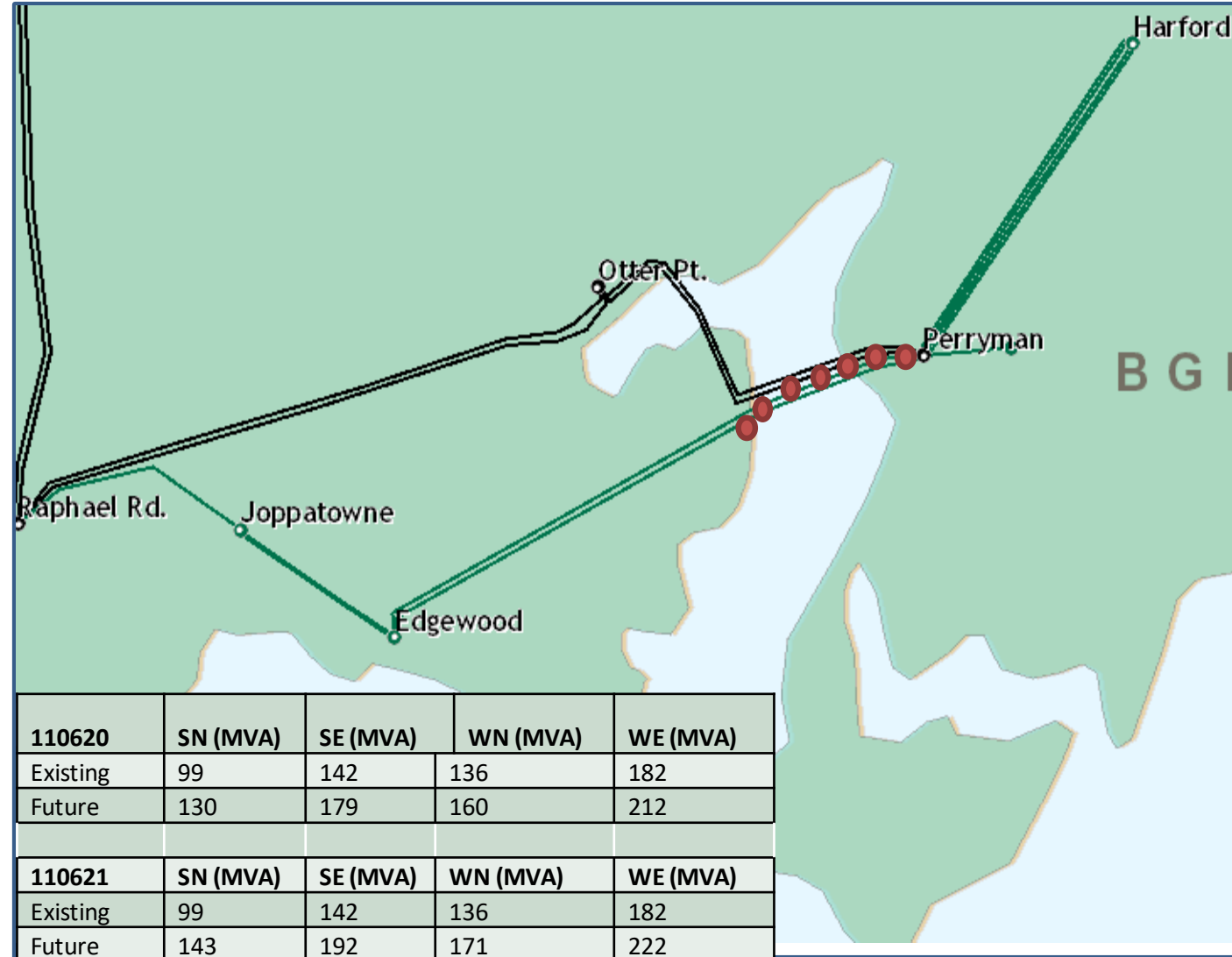
- Increased clearances over waterway reducing risk of future sailboat contacts
- Increased overall circuit capacity.

Estimated Cost: \$13.3M

Projected In-Service: December 2022

Supplemental Project ID: S2080

Project Status: Engineering



Revision History

12/03/2019 – V1 – Posted Local plan for S2025 and S2080