

Subregional RTEP Committee – Mid-Atlantic – BGE Supplemental Projects

August 13, 2021

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

Need Number: BGE-2021-002

Process Stage: Solutions Meeting 08/13/2021

Previously Presented: Need Meeting 7/12/2021

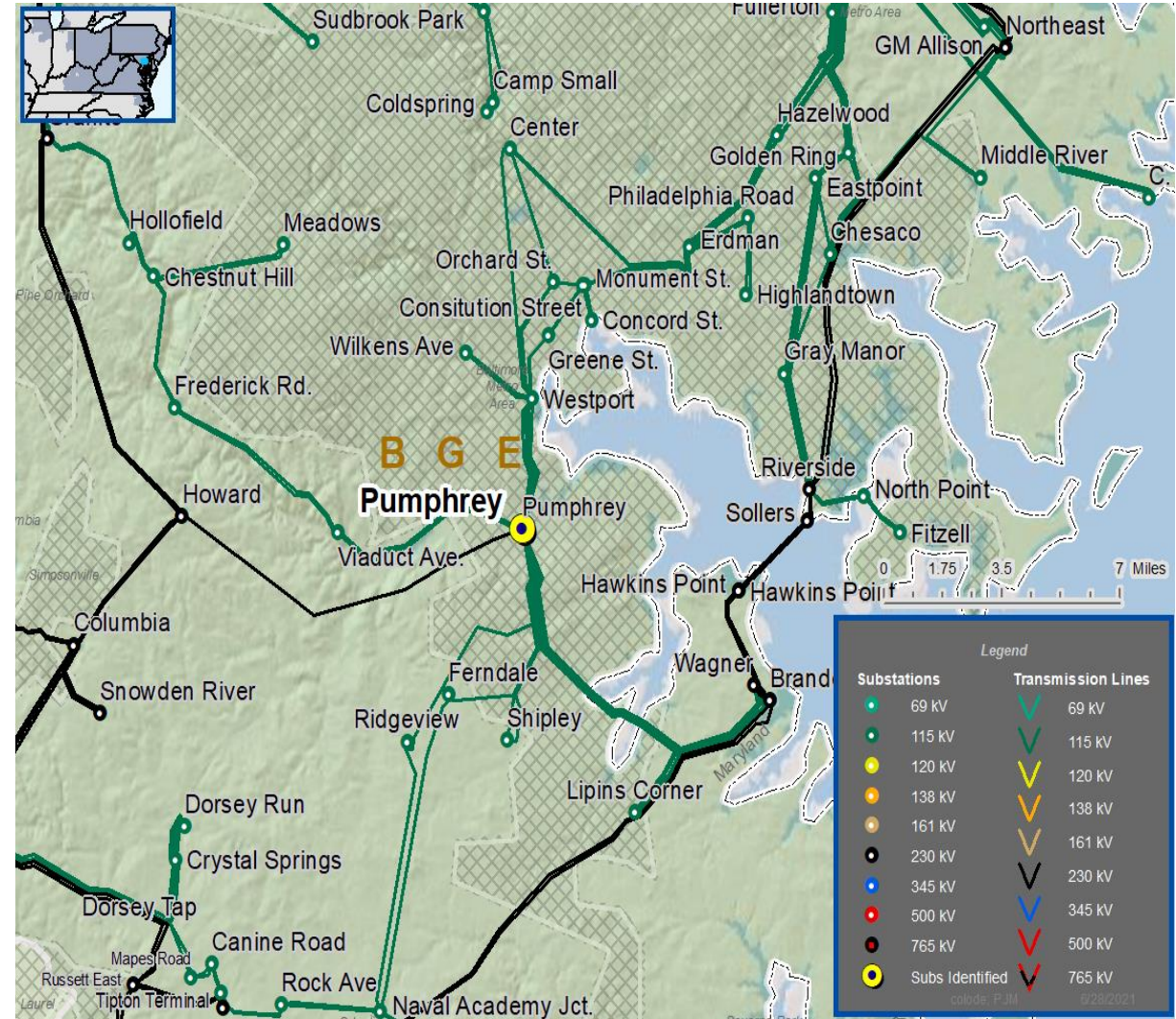
Project Driver: Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

Problem Statement:

- Pumphrey 115kV circuit breakers #B22, B28 and B29 installed in 1975 are in deteriorating condition due to compressor issues, leaks, replacement part availability and elevated maintenance costs



Need Number: BGE-2021-002

Process Stage: Solutions Meeting 08/13/2021

Proposed Solution:

Replace Pumphrey circuit breakers #B22, B28, B29

The estimated cost of the project is \$5.2M

Existing rating 3000 A, 63kA

New rating 3000 A, 80kA

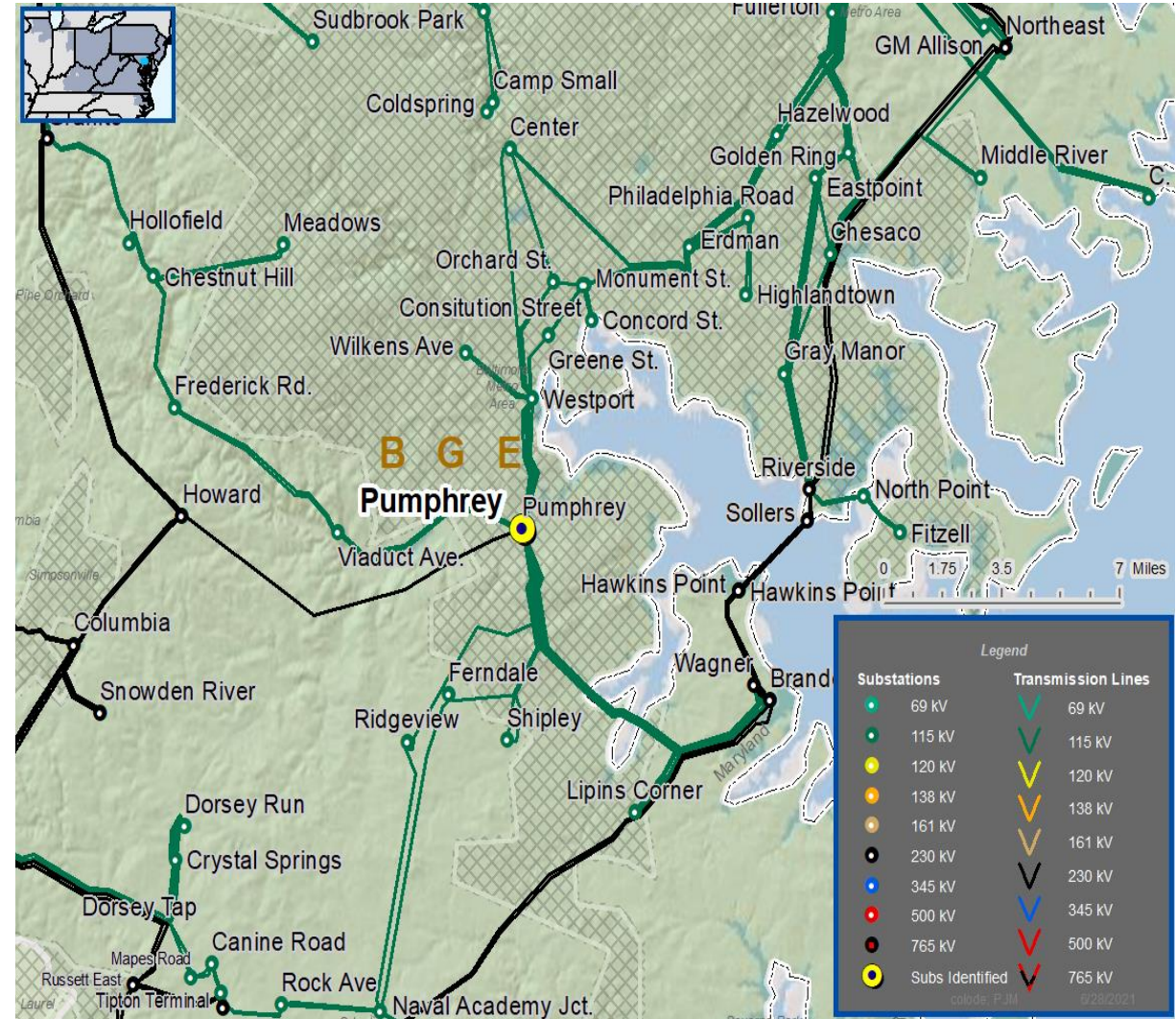
Alternatives Considered:

None

Projected In-Service: 11/30/2021

Project Status: Engineering

Model: 2026 RTEP



Need Number: BGE-2021-003

Process Stage: Solutions Meeting 08/13/2021

Previously Presented: Need Meeting 7/12/2021

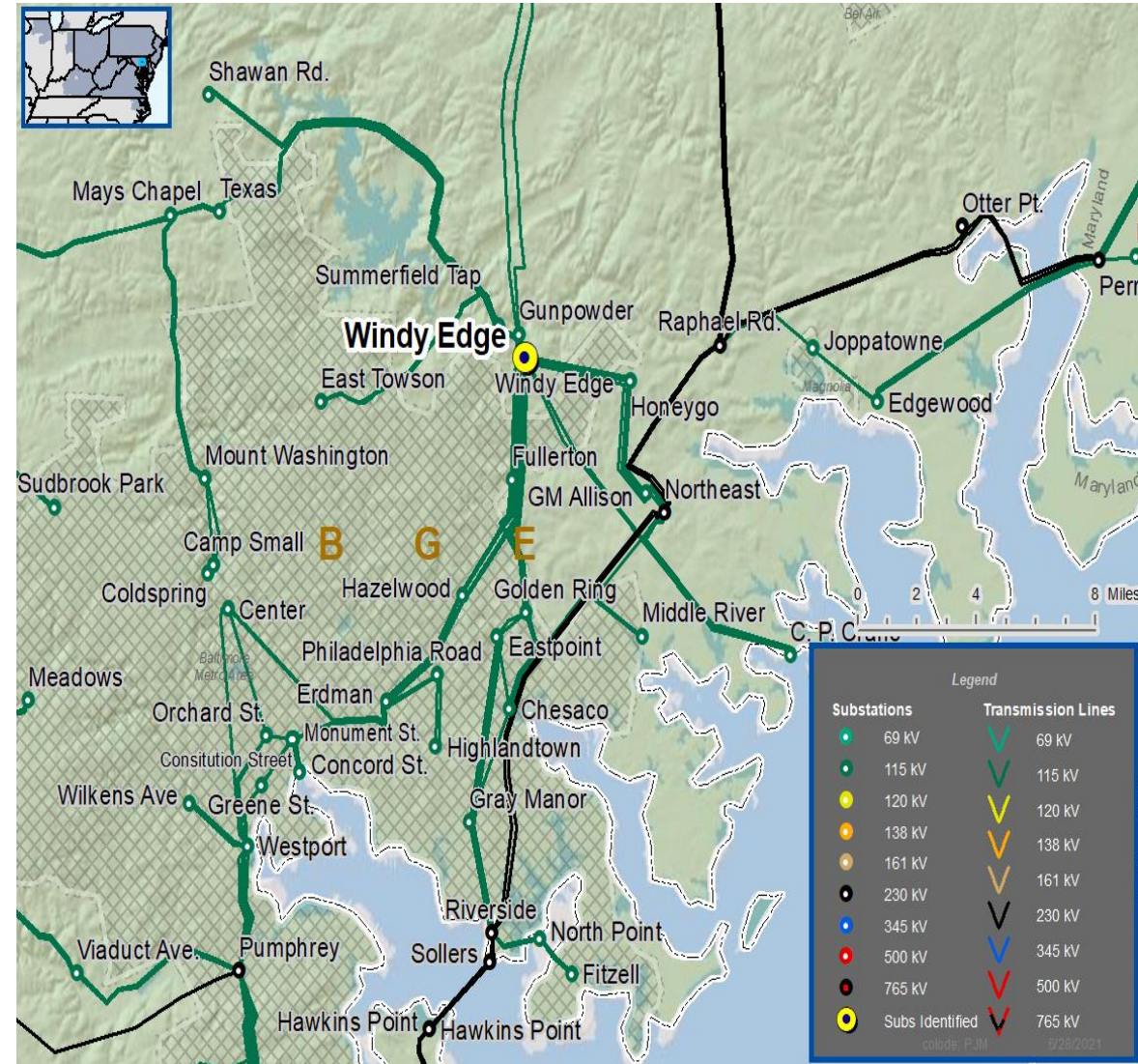
Project Driver: Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

Problem Statement:

- Windy Edge 115kV circuit breaker #B27 installed in 1971 is in deteriorating condition due to compressor issues, leaks, replacement part availability and elevated maintenance costs



Need Number: BGE-2021-003

Process Stage: Solutions Meeting 08/13/2021

Proposed Solution:

Replace Windy Edge circuit breaker #B27

The estimated cost of the project is \$1M

Existing rating 1600 A, 43kA

New rating 3000 A, 63kA

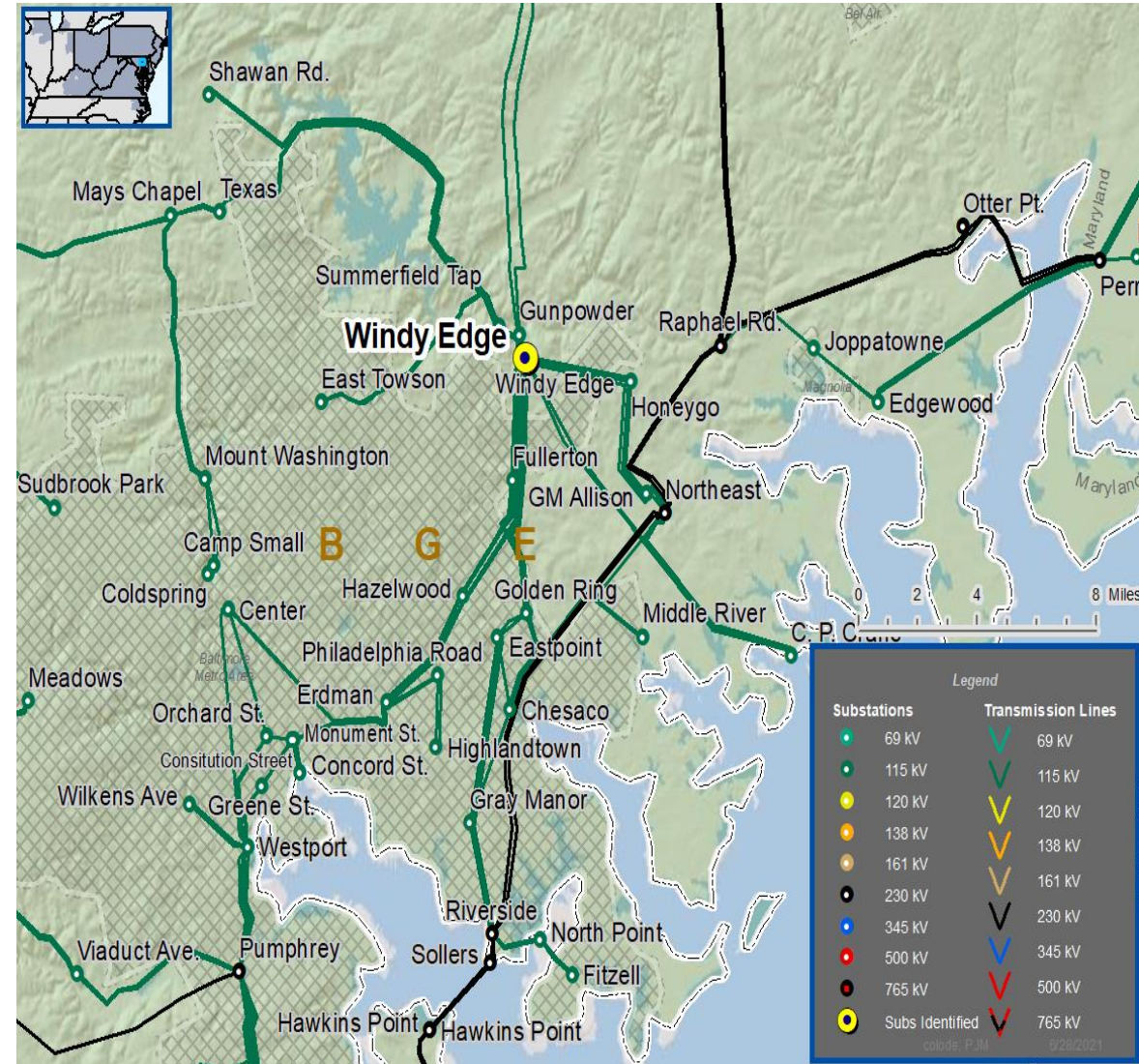
Alternatives Considered:

None

Projected In-Service: 9/30/2021

Project Status: Engineering

Model: 2026 RTEP



Questions?



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

8/3/2021 - V1 – Original version posted to pjm.com