

Transmission Expansion Advisory Committee – BGE Supplemental Projects

October 4, 2022

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-2022-004

Process Stage: Solution Meeting 10/4/2022

Previously Presented: Need Meeting 9/6/2022

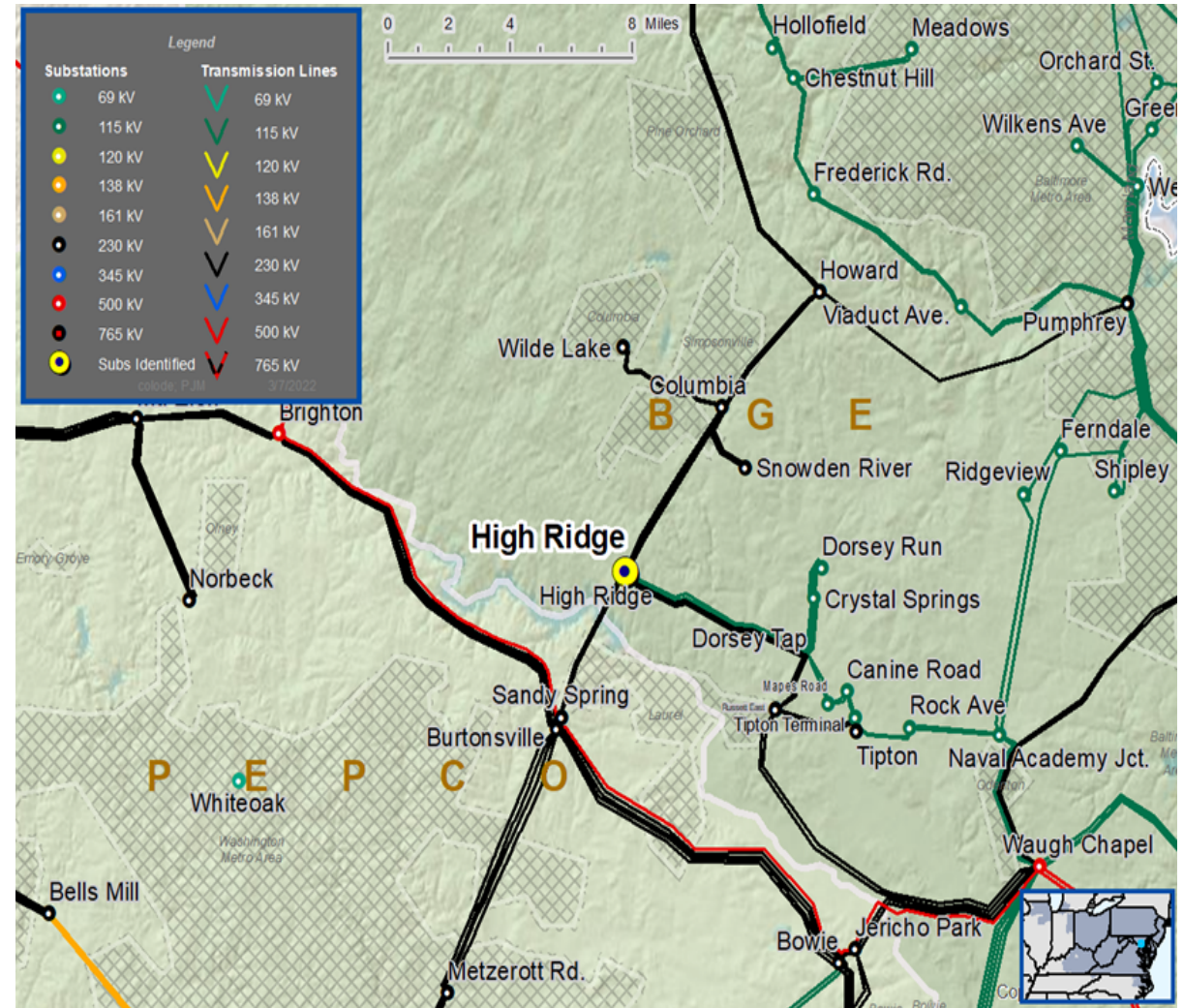
Project Driver: Equipment Material Condition, Performance, and Risk

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:

- High Ridge 230/115 kV transformer 230-1 installed in 1960 is in deteriorating condition and has elevated maintenance costs.



M-3 Process BGE Transmission Zone High Ridge 230-1 Transformer

Need Number: BGE-2022-004

Process Stage: Solution Meeting 10/4/2022

Proposed Solution:
Replace High Ridge 230-1 Transformer and associated equipment

Estimated project cost is \$7.4M

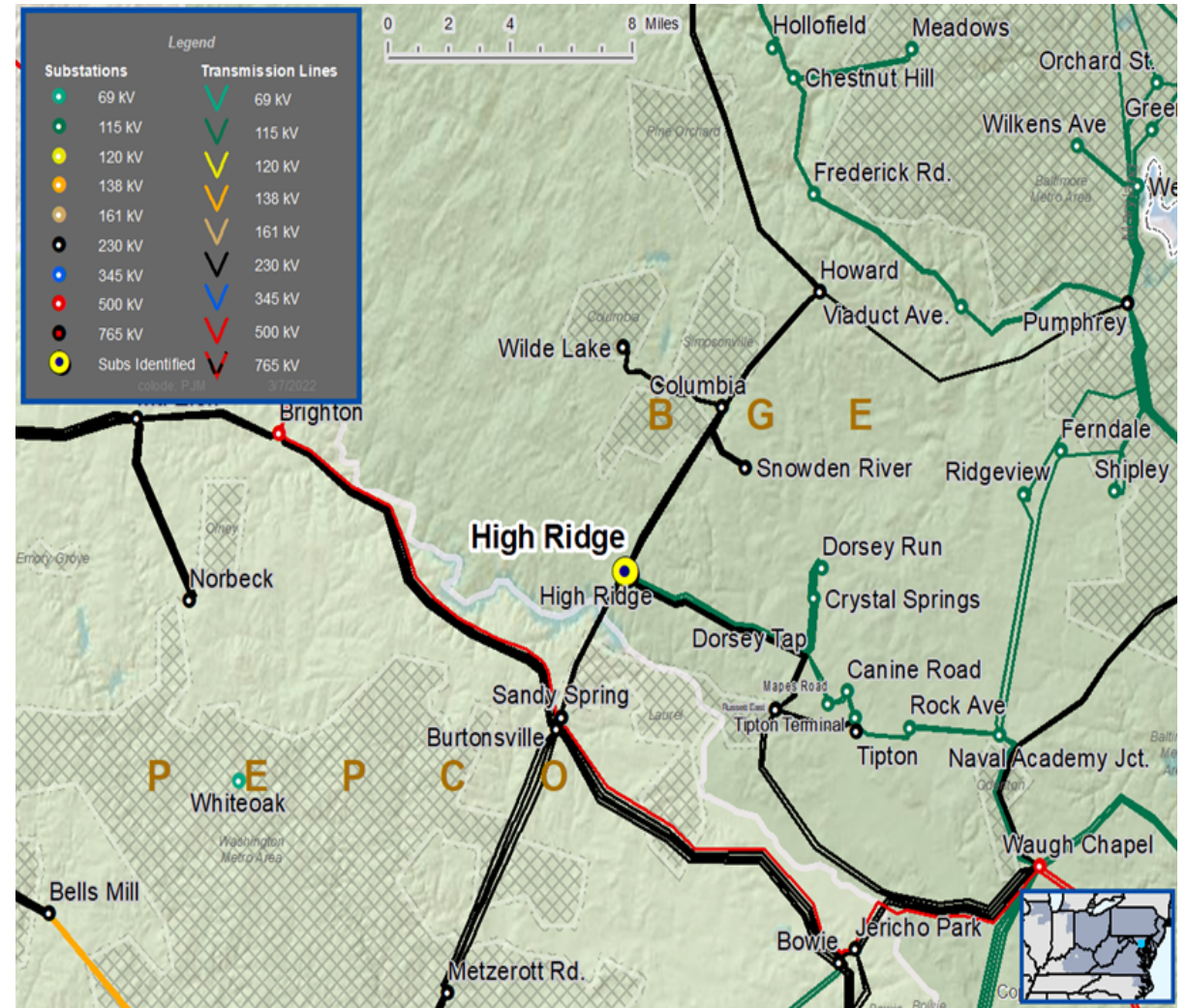
	Summer Normal	Summer Emergency	Winter Normal	Winter Emergency
Exiting Rating (MVA)	191	208	191	208
Proposed Rating (MVA)	738	750	750	750

Alternatives Considered:
None

Projected In-Service: 6/2023

Project Status: Engineering

Model: 2027 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

9/23/2022 - V1 – Original version posted to pjm.com

9/28/2022 – V2 – Added rating table to slide #4