



Transmission Expansion Advisory Committee PEPCO Supplemental Projects

July 9, 2024



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

Need Number: PEP-2024-002

Process Stage: Need Meeting 7/09/2024

Project Driver:

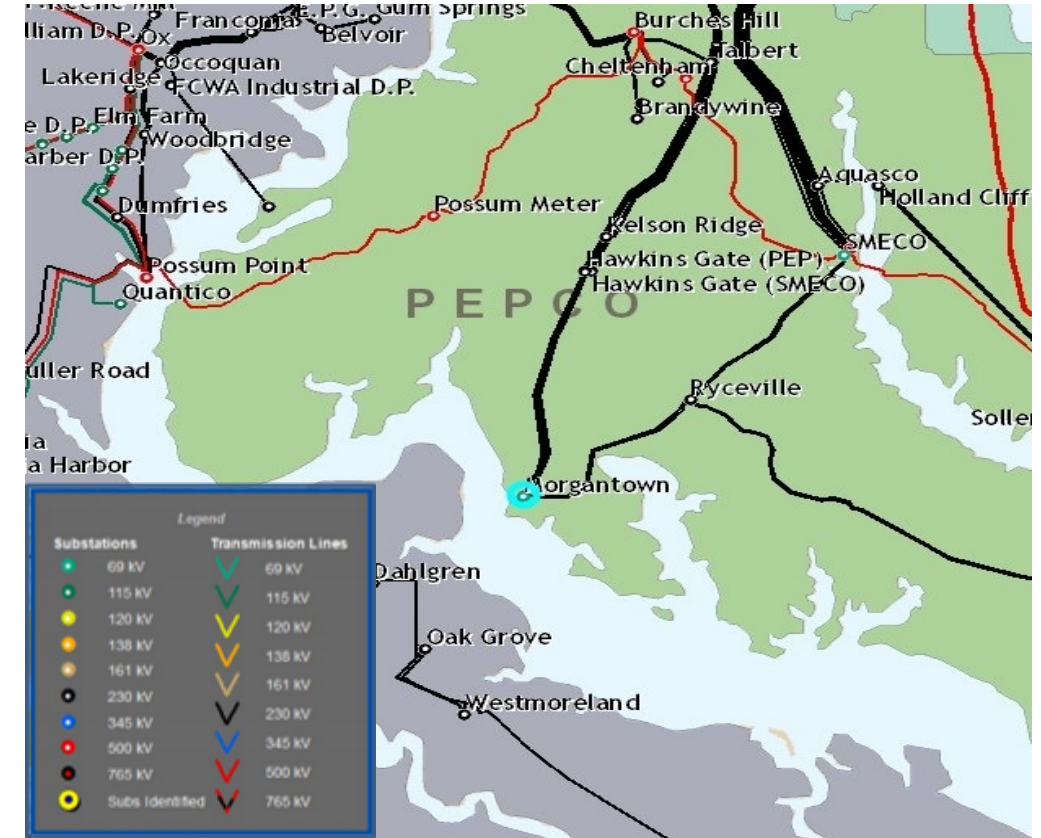
- Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions

Problem Statement:

- The Double circuit 230 kV line 23071 and 23073 between Ryceville – Morgantown is a 10 mile line with 1590 ACSR conductor and 7#6 static wire that was constructed in 1968. These transmission lines interconnect into SMECO through the Ryceville substation. This line is 56 years old and nearing end of useful life.
- There are 55 lattice towers structures, including the three river crossing towers along this ROW. The original steel lattice towers were erected in 1968. Structure inspections results showed the following deficiencies: Heavy corrosion at the base of the legs, broken insulators, lower ground resistivity, loss of paint or galvanized steel and broken static wires.
- Inspections of the static and phase conductors identified that they were in poor condition and need to be replaced.



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

6/28/2024– V1 – Original version posted to pjm.com