

# Transmission Expansion Advisory Committee – PEPCO Supplemental Projects

May 9, 2023

# 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-2023-001

**Process Stage:** Need Meeting 5/9/2023

**Project Driver:**

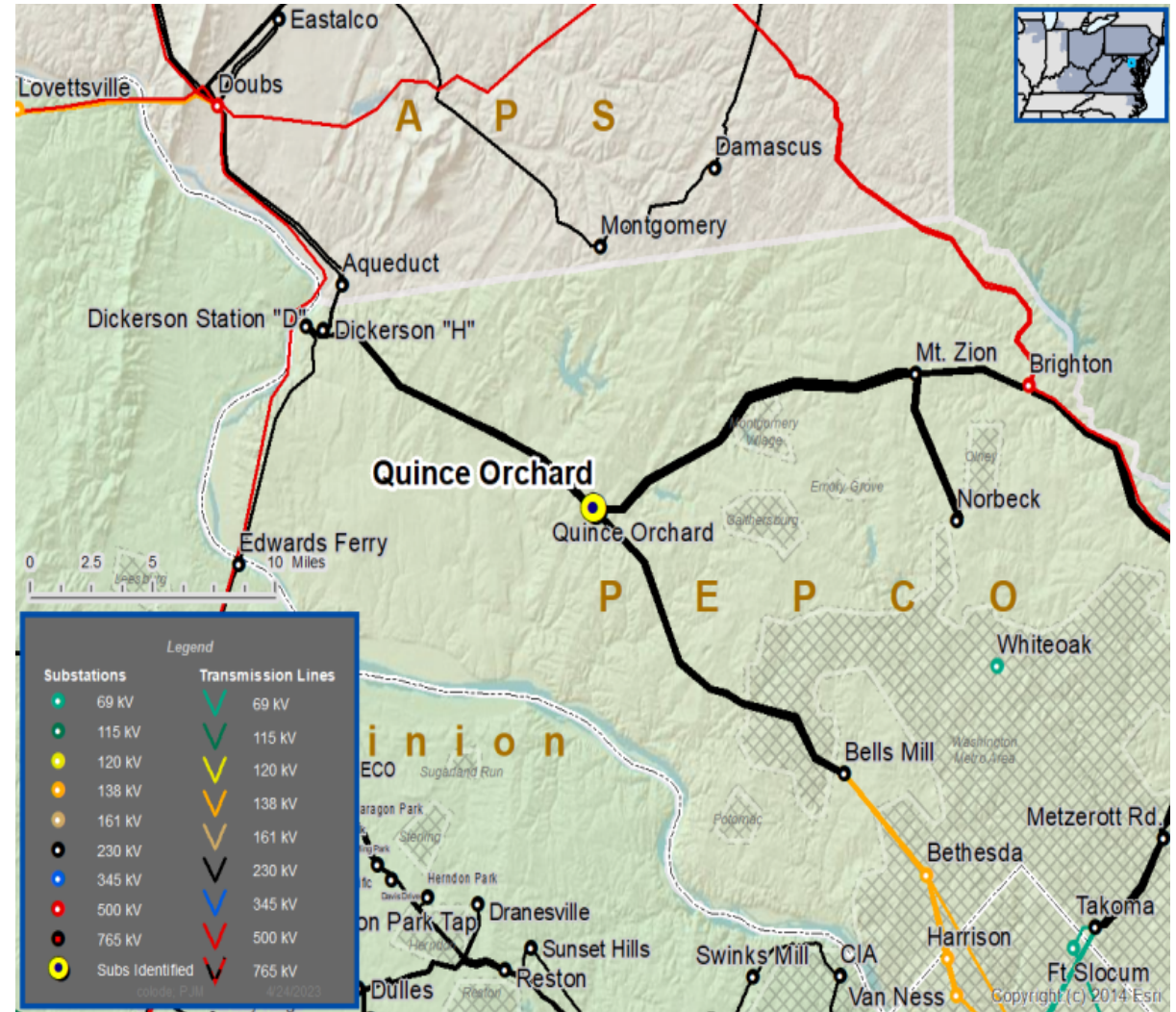
Equipment Material Condition, Performance and Risk.

**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, etc.

**Problem Statement:**

230kV circuit breaker 1A at Quince Orchard substation was installed in 1963. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost.



**Need Number:** PEP-2023-002

**Process Stage:** Need Meeting 5/9/2023

**Project Driver:**

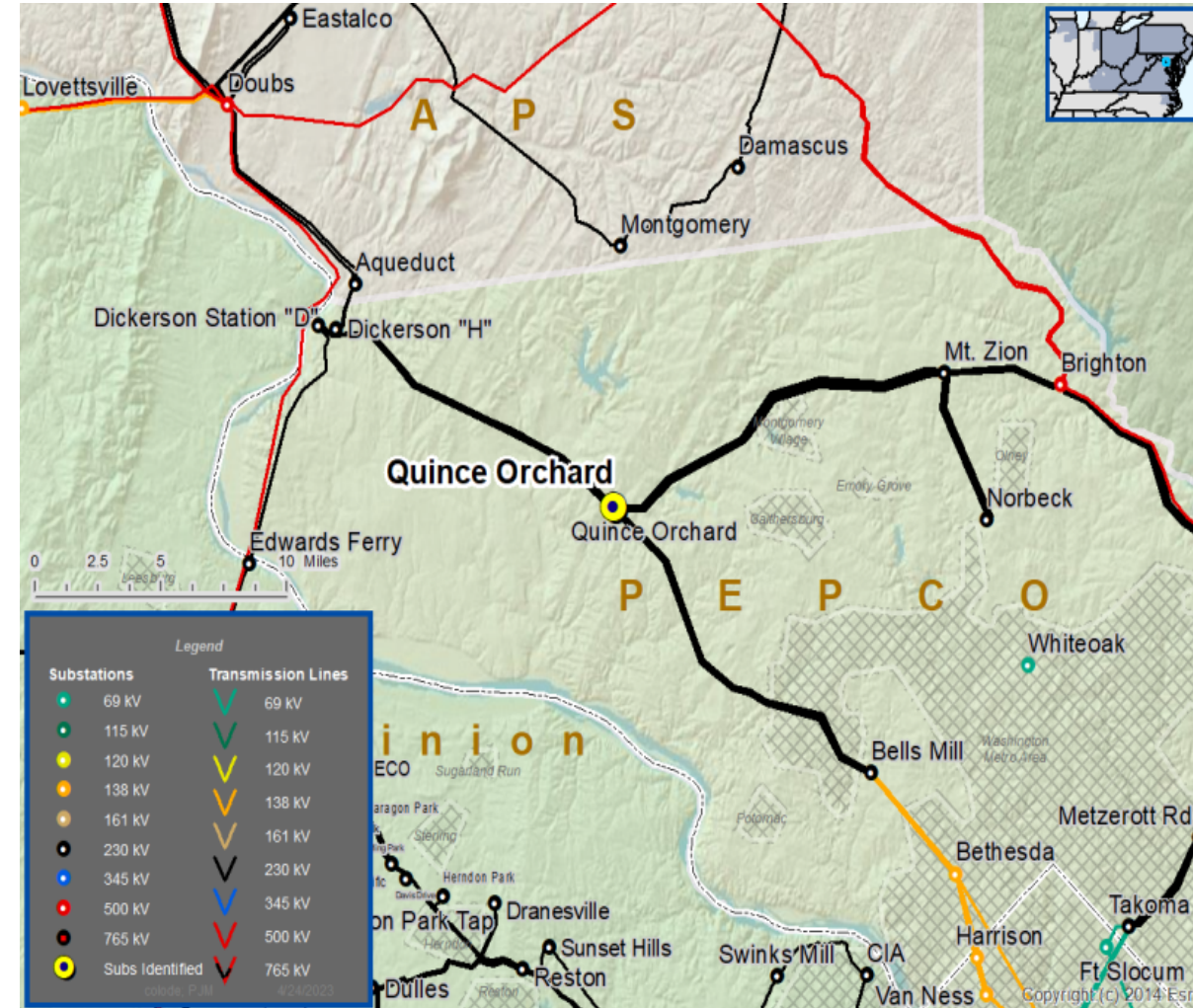
Equipment Material Condition, Performance and Risk.

**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, etc.

**Problem Statement:**

230kV circuit breaker 6A at Quince Orchard substation was installed in 1963. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost.



**Need Number:** PEP-2023-003

**Process Stage:** Need Meeting 5/9/2023

**Project Driver:**

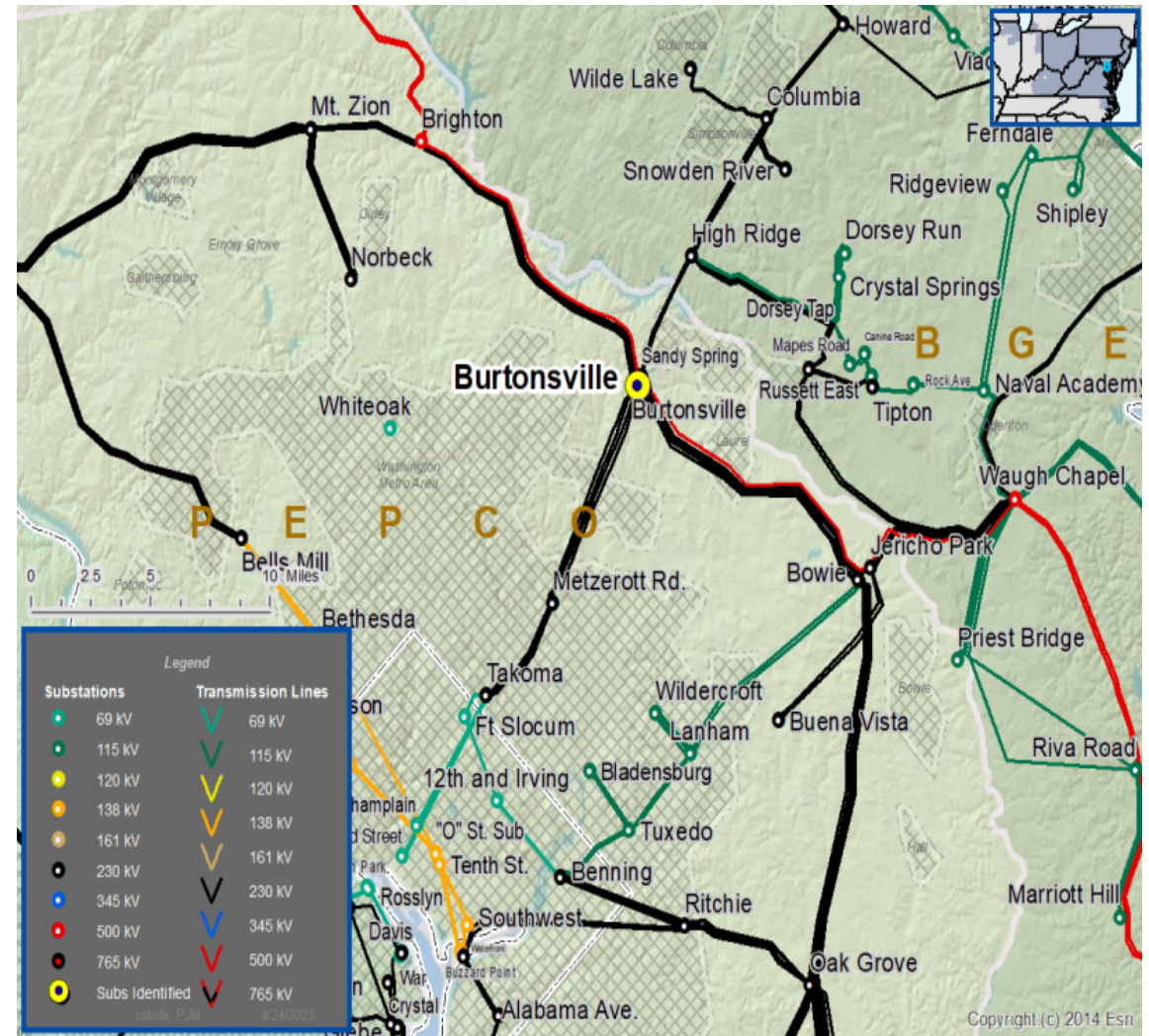
Equipment Material Condition, Performance and Risk.

**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, etc.

**Problem Statement:**

230kV circuit breaker 4B at Burtonsville substation was installed in 1967. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost.



**Need Number:** PEP-2023-004

**Process Stage:** Need Meeting 5/9/2023

**Project Driver:**

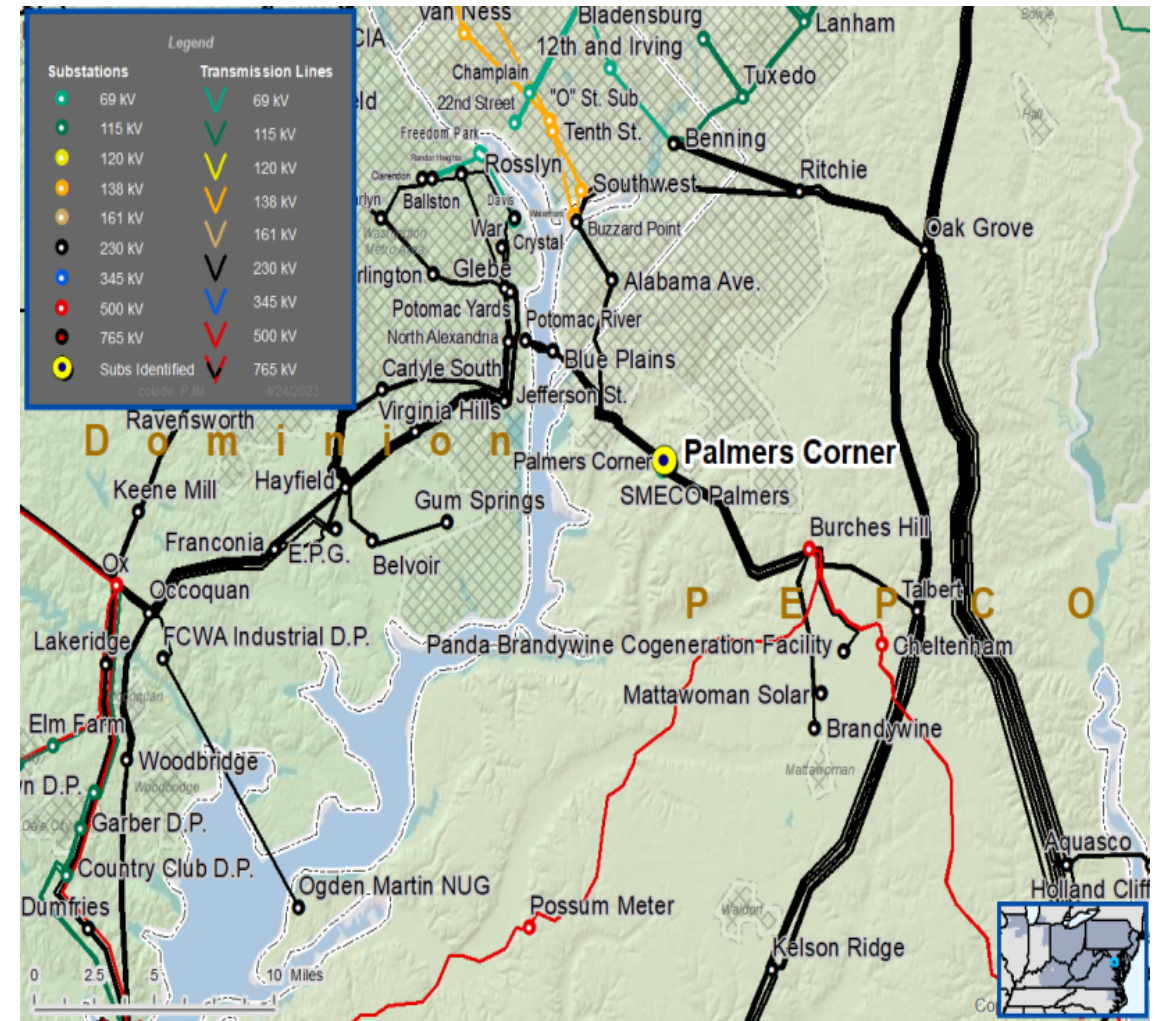
Equipment Material Condition, Performance and Risk.

**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, etc.

**Problem Statement:**

230kV circuit breaker 3C at Palmers Corner substation was installed in 1973. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost.



# 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

4/28/2023 - V1 – Original version posted to pjm.com

5/2/2023 – V2 – Updated slides TO zone name