



# Subregional RTEP Committee – Mid-Atlantic PECO Supplemental Projects

March 17, 2022

# 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: PE-2022-003**

**Process Stage: Need Meeting 3/17/2022**

**Project Driver:**

- Customer Service

**Specific Assumption Reference:**

- System configuration changes due to new or expansion of existing distribution substations

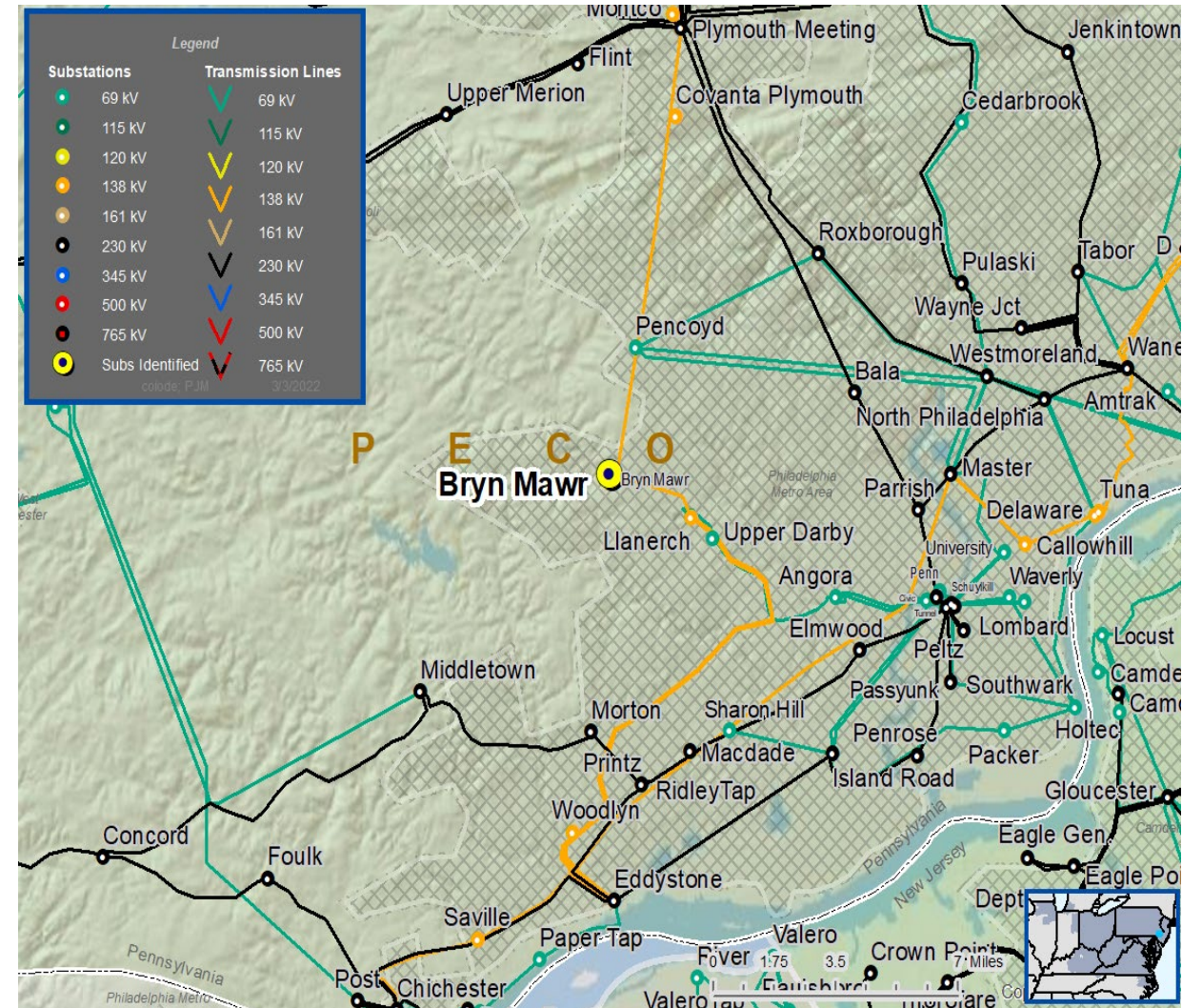
**Problem Statement:**

- Distribution Capacity Planning needs to increase transformer capacity at Bryn Mawr Substation in order to relieve nearby 13 kV substations and allow for the retirement of 34/4 kV units in the surrounding area. A total of approximately 22 MVA will be added to substation consisting of load transfers from other substations and some 34/4 kV unit retirements.

Existing load = 65 MVA

Added load = 22 MVA [Expected 6/1/25]

Total load = 87 MVA



# 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: PE-2022-002**

**Process Stage:** Solution Meeting 3/17/22

**Previously Presented:** Need Meeting 2/17/2022

**Project Driver:**

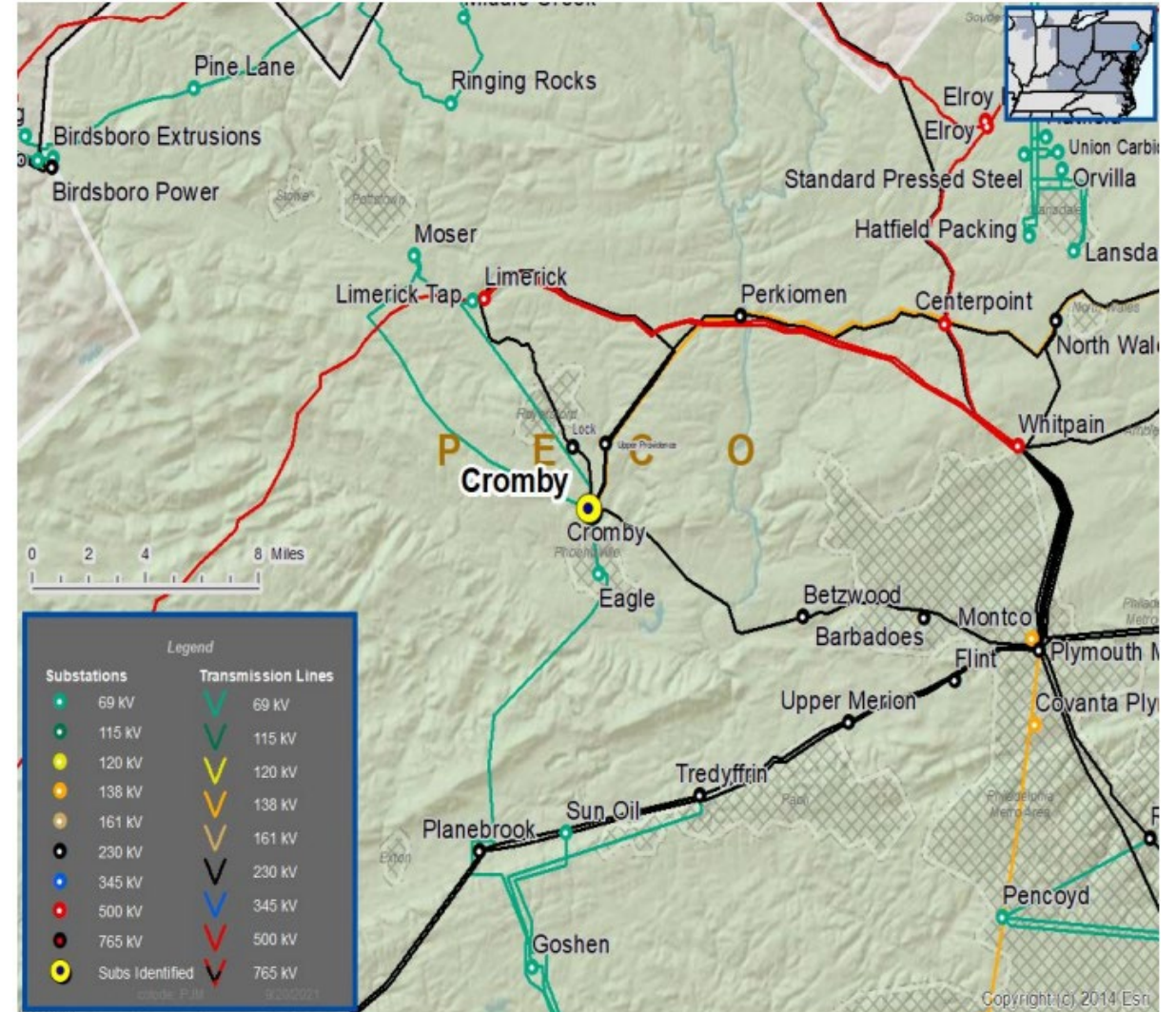
Equipment Material Condition, Performance, and Risk

**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:**

Cromby 138 kV oil circuit breaker #370 installed in 1953 is in deteriorating condition, has lack of replacement parts, and elevated maintenance cost.



**Need Number: PE-2022-002**

**Process Stage: Solution Meeting 3/17/22**

**Proposed Solution:**

Replace Cromby 138 kV circuit breaker #370 and wire drops

The estimated cost of the project is \$0.65M

Existing rating 1200A, 14.7kA

New rating 3,000A and 63kA

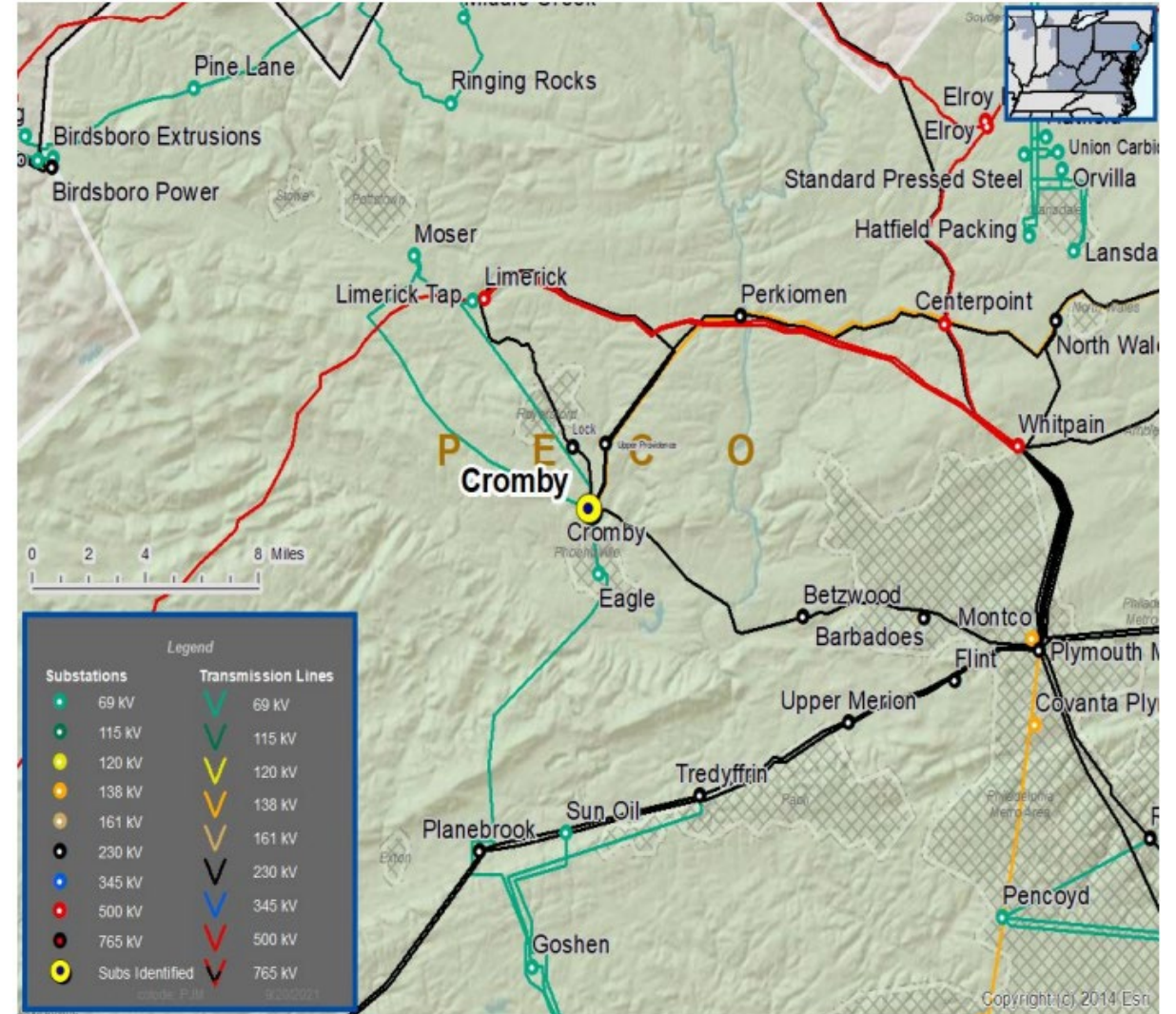
**Alternatives Considered:**

None

**Projected In-Service: 9/23/2022**

**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

3/7/2022 - V1 – Original version posted to pjm.com