

Subregional RTEP Committee – Mid-Atlantic PECO Supplemental Projects

January 20, 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

M-3 Process PECO Transmission Zone Chester 69 kV Circuit Breaker #60 Replacement

Need Number: PE-2021-007

Process Stage: Solution Meeting 1/20/22

Previously Presented: Need Meeting 11/18/21

Project Driver:

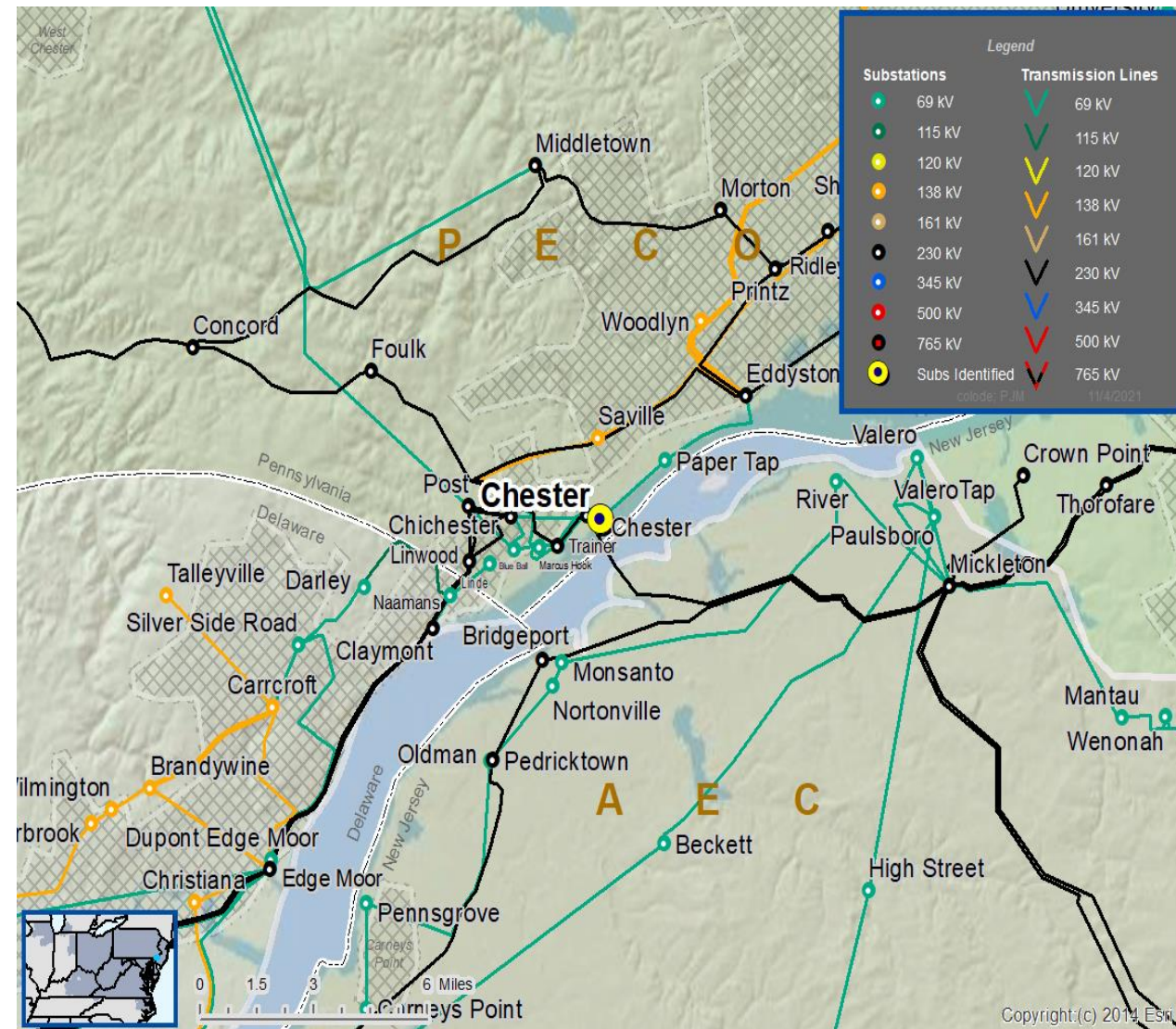
Equipment Material Condition, Performance, and Risk

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:

Chester 69kV circuit breaker #60 installed in 1957 is in deteriorating condition, has lack of replacement parts, and elevated maintenance cost.





M-3 Process PECO Transmission Zone Chester 69 kV Circuit Breaker #60 Replacement

Need Number: PE-2021-007

Process Stage: Solution Meeting 1/20/22

Proposed Solution:

Replace Chester 69 kV circuit breaker #60

Existing rating 2000A, 29kA

New rating 3000A, 40kA

Estimated cost: \$0.65M

Alternatives Considered:

None

Projected In-Service: 12/23/2022

Project Status: Conceptual

Model: 2026 RTEP

Chester



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

1/10/2022 - V1 – Original version posted to pjm.com