

Transmission Expansion Advisory Committee – PECO Supplemental Projects

August 9, 2022

Solution

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 Master 3rd 230/13 kV Transformer

Need Number: PE-2022-004

Process Stage: Solution Meeting 8/9/22

Previously Presented: Need Meeting 7/12/2022

Project Driver:

- Customer Service

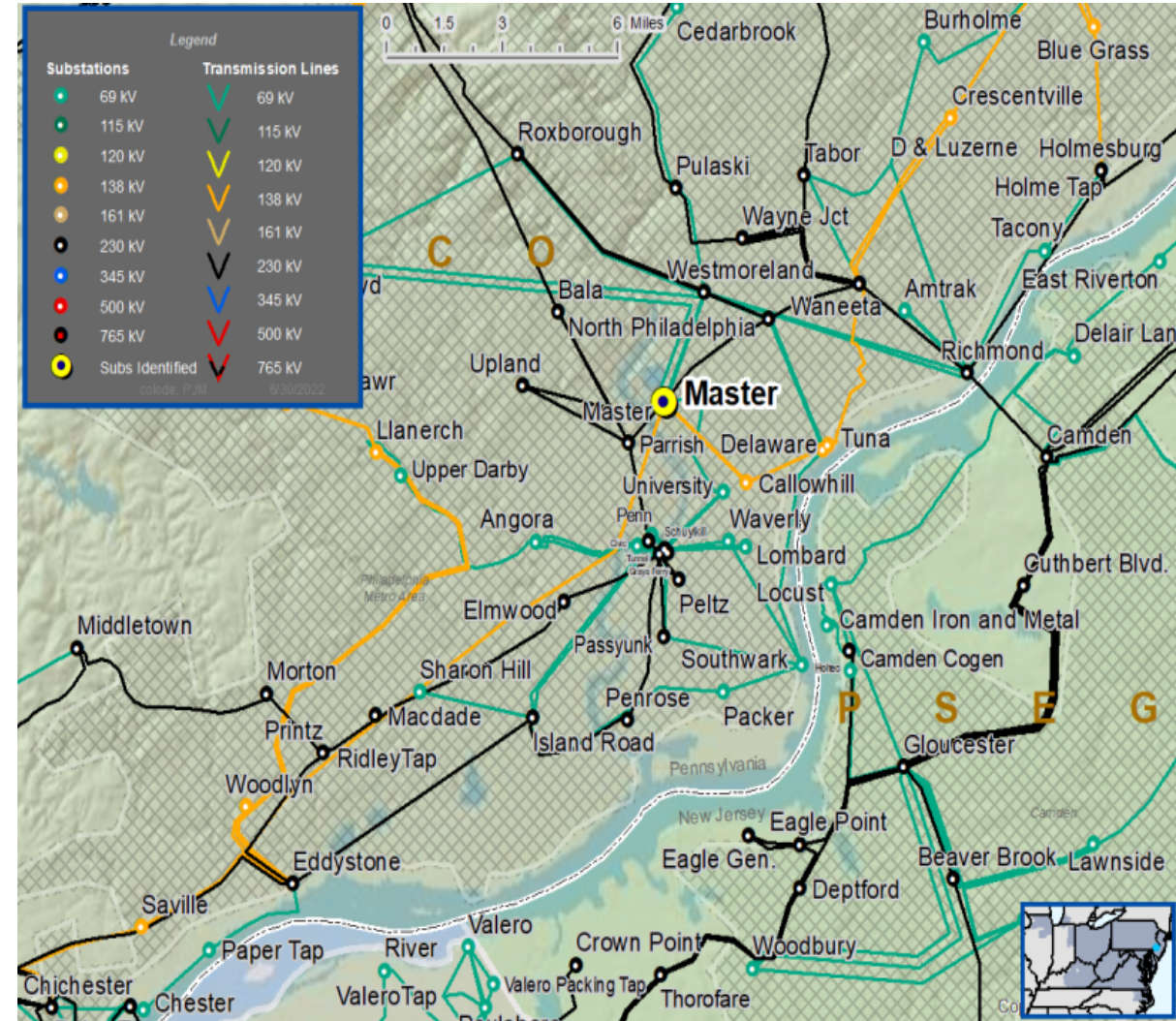
Specific Assumption Reference:

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

Problem Statement:

- PECO Distribution Capacity Planning has submitted a request to add a 3rd 230/13 kV transformer at Master Substation. The transformer will provide capacity to relieve surrounding substations and provide capacity for growth.

Requested in-service date is 12/31/25.





M-3 Process PECO Transmission Zone Master 3rd 230/13 kV Transformer

Need Number: PE-2022-004

Process Stage: Solution Meeting 8/9/22

Proposed Solution:

- Install one 3000A 63kA 230 kV breaker on the Master straight bus to create a bus section for the 3rd Master 230/13 kV transformer to connect to
- Install 3rd Master 230/13 kV 62 MVA transformer with high side breaker

Estimated cost: Transmission portion is \$0.8M

Alternatives Considered: None

Projected In-Service: 6/1/25

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

7/29/2022 - V1 – Original version posted to pjm.com