Mid-Atlantic Sub Regional RTEP Committee
PECO
Supplemental Projects

November 12, 2026

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-2026-017

Process Stage: Solution Meeting 11/12/2026

Previously Presented: Need Meeting 10/15/2026

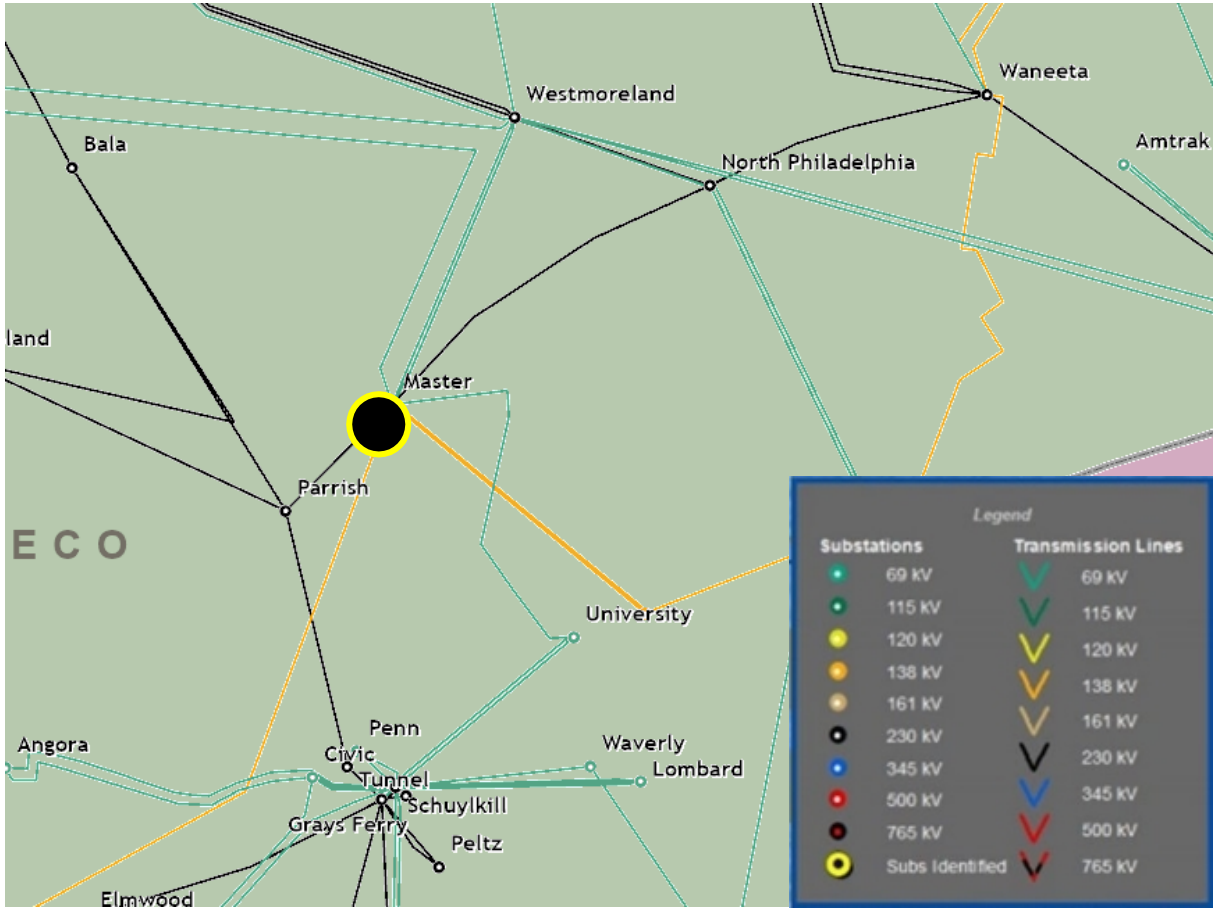
Project Driver: Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

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

Problem Statement:

- Master 138kV circuit breaker 825 was installed in 1965 and is in deteriorating condition, has lack of replacement parts, and elevated maintenance cost.



Need Number: PE-2026-017

Process Stage: Solution Meeting 11/12/2026

Solution:

Replacement of 138kV CB 825 with new SF6 breaker and upgrade of associated breaker and transformer relaying. Ratings on the 230/138kV #8 transformer will increase as shown in the table below.

	Existing Rating (Normal/Emergency/LD)	New Rating (Normal/Emergency/LD)
Summer	390/461/540	390/560/592
Winter	449/546/605	449/586/605

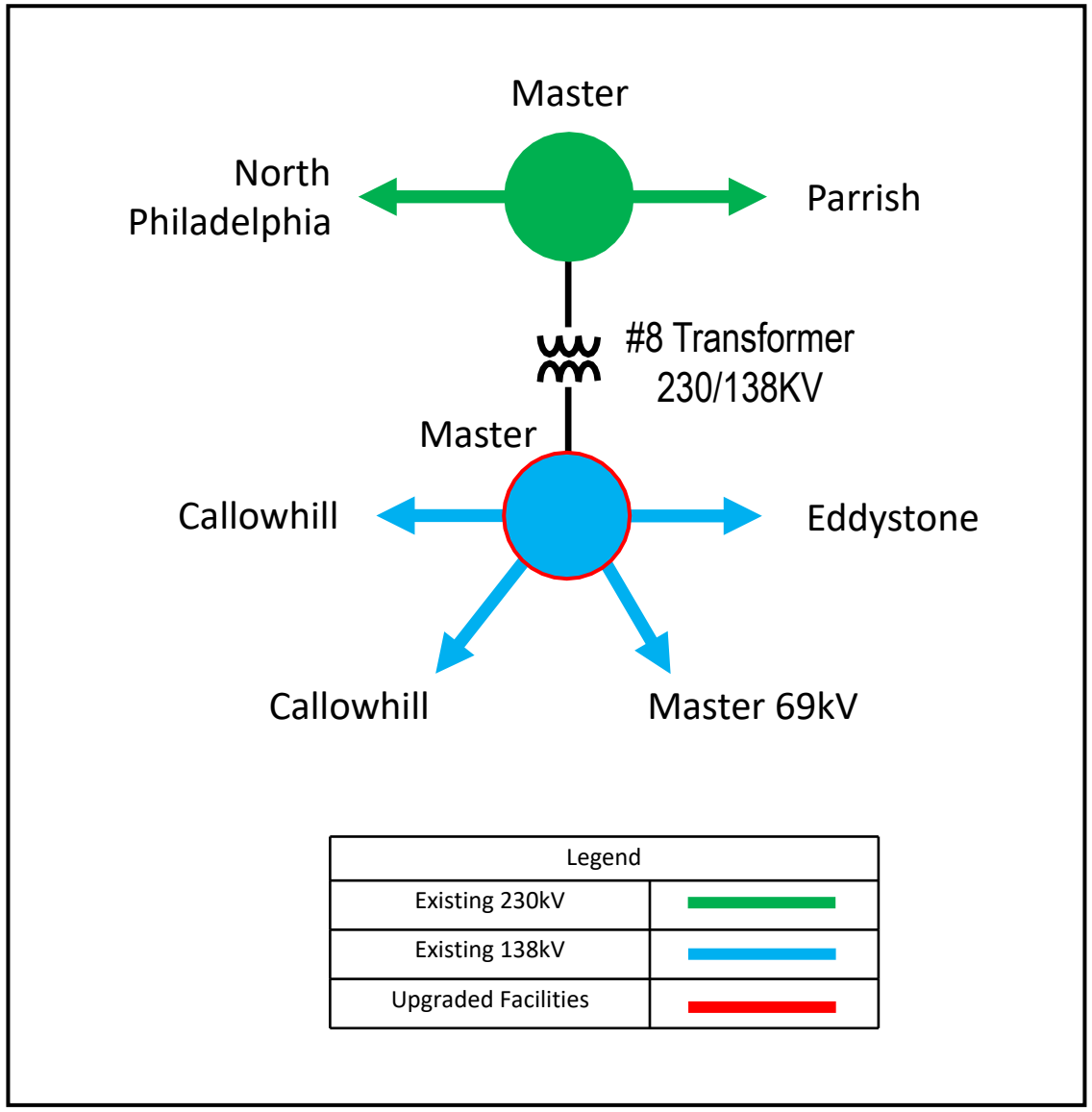
Estimated Transmission Cost: $0.5M

Alternatives Considered:

1. No feasible alternatives available

In-Service: 5/13/2027

Project Status: Engineering



Need Number: PE-2026-018

Process Stage: Solution Meeting 11/12/2026

Previously Presented: Need Meeting 10/15/2026

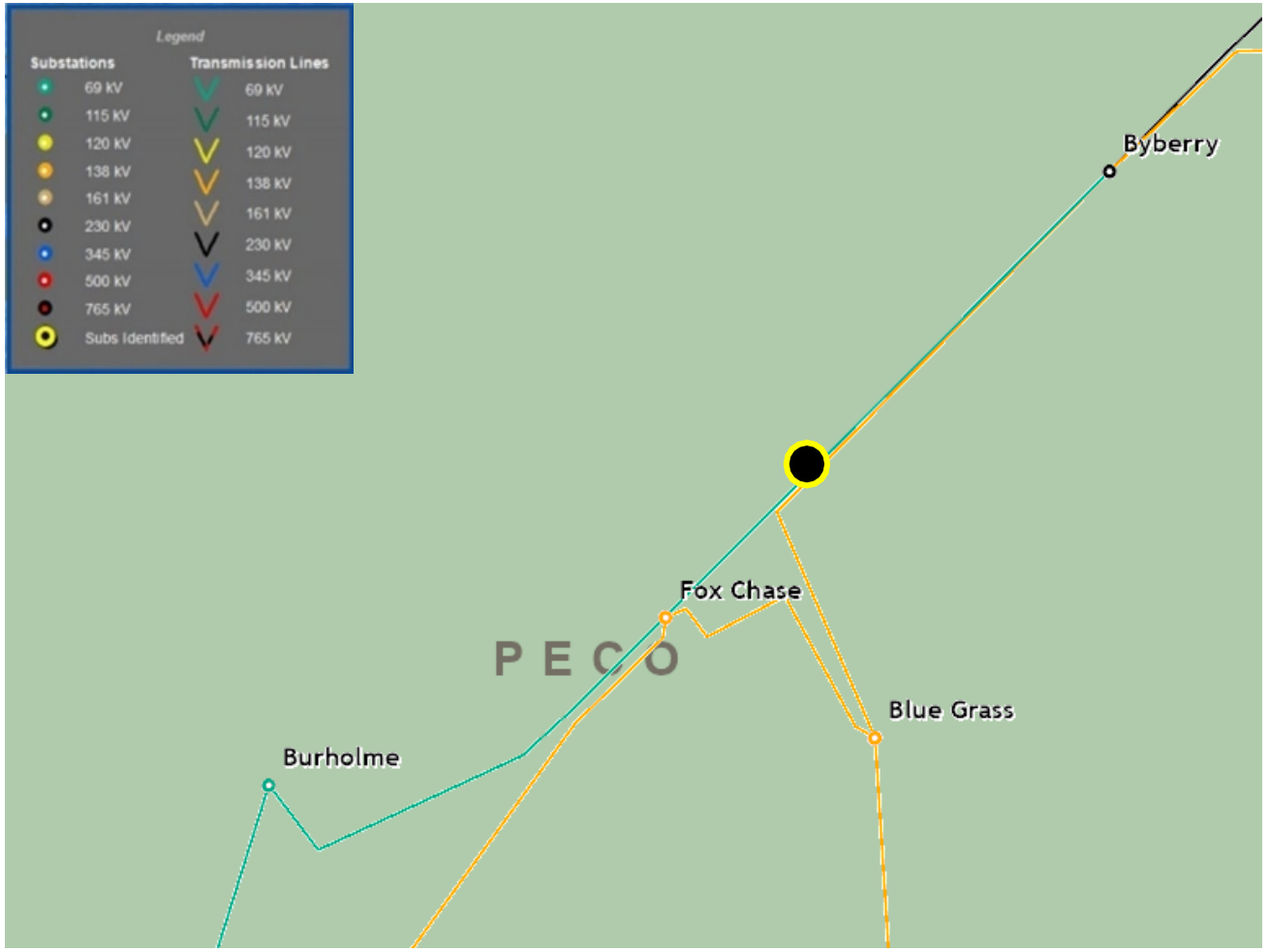
Project Driver: Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

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

Problem Statement:

- The 69kV 6610 line between Burholme and Byberry contains two (2) disconnect switches located at a line tap, previously used to serve a customer who has since been removed from service.
- These switches were installed in 1948, are in deteriorating condition, have a lack of available parts, and no longer needed to serve customer load.



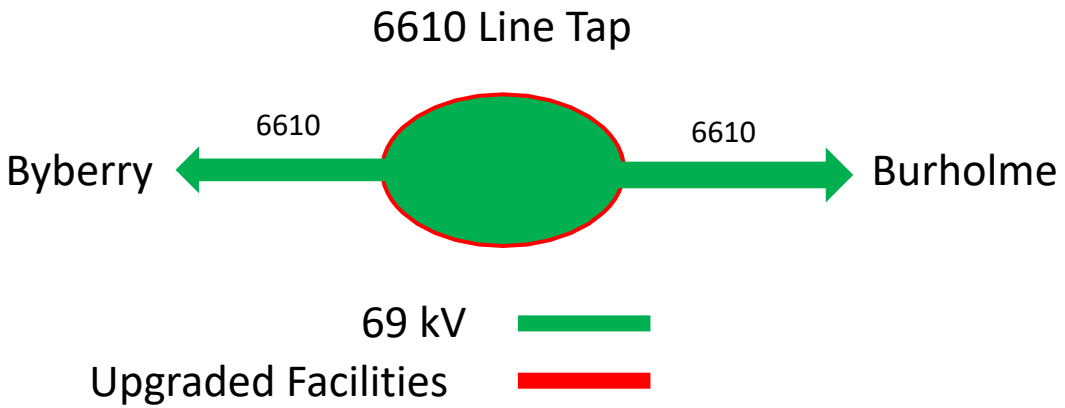
Need Number: PE-2026-018

Process Stage: Solution Meeting 11/12/2026

Solution:

Removal of both disconnect switches and associated cables, replacing with new bus conductor. Ratings on the 69kV 6610 line will increase as shown in the table below.

	Existing Rating (Normal/Emergency/LD)	New Rating (Normal/Emergency/LD)
Summer	82/101/111	96/124/129
Winter	102/116/124	109/137/144



Estimated Transmission Cost: $25K

Alternatives Considered:

1. No feasible alternatives available

In-Service: 2/12/2027

Project Status: Engineering

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

11/2/2026 – V1 posted