



# Mid-Atlantic Sub Regional RTEP Committee PECO Supplemental Projects

September 18, 2025

# 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-2025-003

**Process Stage:** Solution Meeting 9/18/2025

**Previously Presented:** Need Meeting 8/14/2025

**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:**

- Waneeta circuit breakers CB785 and CB875 are oil filled breakers installed in 1967 and are in deteriorating condition, have lack of replacement parts, and elevated maintenance cost.
- ~~The Waneeta 138KV bus employs obsolete electromechanical protective relays that are over 50 years old. These electromechanical relays are being phased out because the manufacturer no longer supports them and parts are no longer available, making them increasingly difficult to service.~~



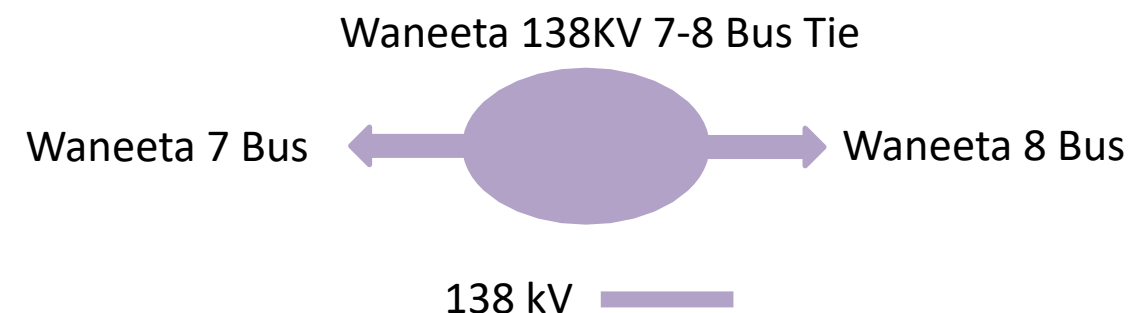
**Need Number:** PE-2025-003

**Process Stage:** Solution Meeting 9/18/2025

**Solution:**

Replacement of CB785 and CB875 with SF6 circuit breakers, replacement of bus tie cable, and breaker disconnect switches. The breaker short circuit ratings have been increased from 42 kA to 63 kA.

	Existing Short Circuit Rating	New Short Circuit Rating
Waneeta 7-8 Bus Tie	42 kA	63 kA



**Estimated Transmission Cost:** \$0.9 million

**Alternatives Considered:**

1. No feasible alternatives considered

**In-Service:** 11/22/2026

**Project Status:** Planning/Design

# 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

9/5/2025 – V1 – Original version posted to pjm.com