

# Transmission Expansion Advisory Committee – PEPCO Supplemental Projects

April 7, 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:** PEP-2026-001

**Process Stage:** Need Meeting 03/10/2026

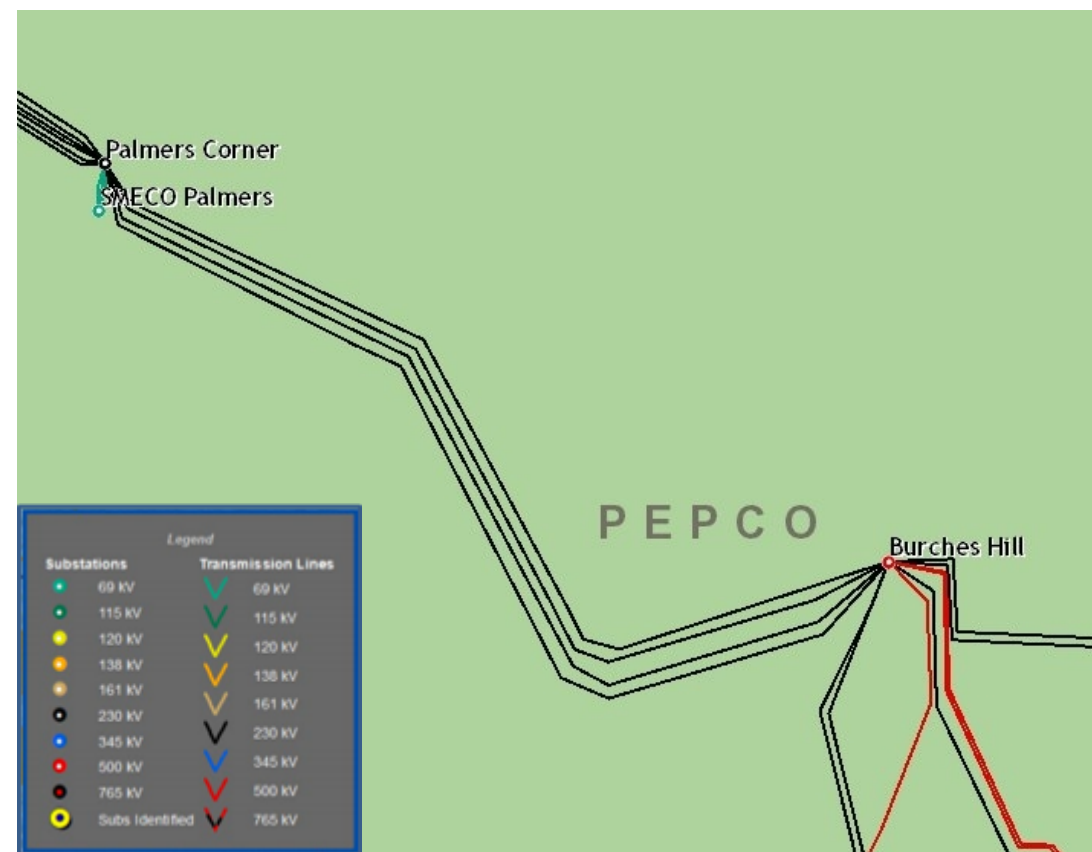
**Project Driver:** Equipment Material Condition, Performance, and Risk

**Specific Assumption Reference:**

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

**Problem Statement:**

- The 23090 Burches Hill – Palmers Corner 230 kV line electromechanical relays are obsolete and are being phased out of the system. It is becoming difficult to service existing electromechanical relays.



**Need Number:** PEP-2026-001

**Process Stage:** Solution Meeting 4/7/2026

**Proposed Solution:**

- Upgrade Burches Hill – Palmers Corner relays and associated relay settings. The relay replacement will increase the associated facility ratings as seen below:

Burches Hill – Palmers Corner 230 kV	SN/SE (MVA)	WN/WE (MVA)	LLN/LLE (MVA)
Old Ratings	1089/1195	1145/1195	1134/1195
New Ratings	1089/1198	1145/1251	1134/1242

**Estimated Transmission Cost:** \$0.5M

**Alternatives Considered:**

No feasible alternatives considered

**Projected In-Service:** 5/17/2026

**Project Status:** Engineering

