SRRTEP Committee: Mid-Atlantic PSE&G 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

PSE&G Transmission Zone M-3 Process
Cherry Hill Area

Need Number: PSEG-2026-0003

Process Stage: Solutions Meeting 11/12/2026

Previously Presented: Needs Meeting 07/17/2026

Supplemental Project Driver:

- Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

PSE&G 2026 Annual Assumptions

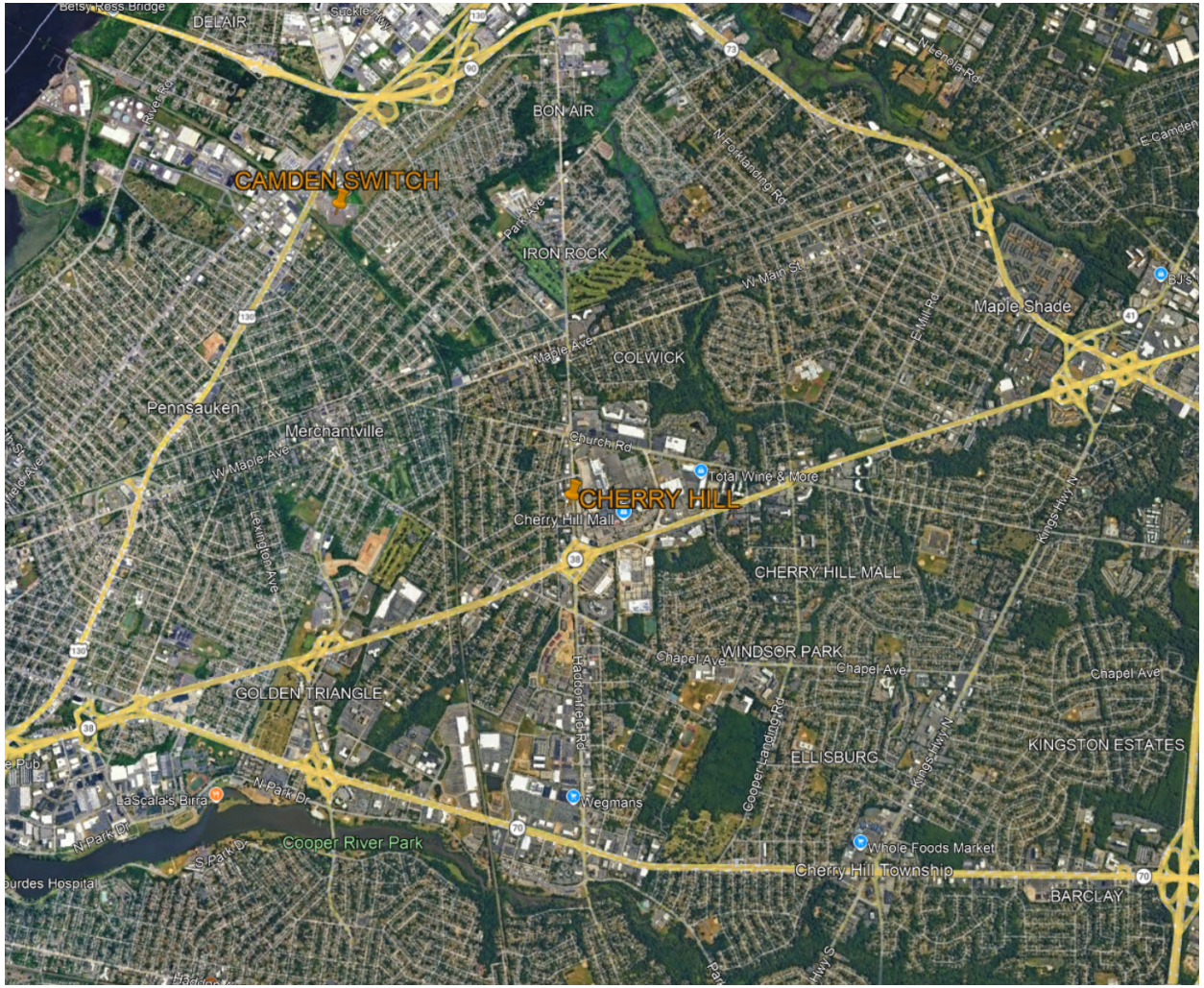
August 2017 26kV to 69kV PSE&G Presentation

- Equipment Reliability and Condition Assessment
- Asset Risk Model

Problem Statement:

- Cherry Hill Station has been in service since 1955 and needs to be addressed due to deteriorating equipment material condition.
  - Cherry Hill Station serves a combined residential and commercial load of 10.7MVA.

Model: 2025 Series 2030 Summer RTEP 50/50



PSE&G Transmission Zone M-3 Process
Cherry Hill Area

Need Number: PSEG-2026-0003

Process Stage: Solutions Meeting 11/12/2026

Proposed Solution:

- Construct a 69-13kV Substation at PSEG owned property in the Cherry Hill Area.
  - Construct a 69-13kV Substation.
  - Cut and loop 69kV line from Camden to Maple Shade.
  - Construct one (1) new 69kV line from Camden to new station.
  - Install two (2) 69-13kV transformers.
  - Increase 69kV line ratings from Hilltop to Runnemede Station.
  - **Estimated Cost: $162.1 M**

Alternative Considered:

- Construct a 69-13kV Substation at PSEG owned property in the Cherry Hill Area.
  - Construct a 69-13kV Substation.
  - Cut and loop 69kV line from Camden to Maple Shade.
  - Construct one (1) new 69kV line from Camden to new Station.
  - Install two (2) 69-13kV transformers.
  - Expand Sharp Rd 69kV station to a ring bus.
  - Cut 69kV line from Lawnside to Maple Shade and reconfigure the lines to run from Maple Shade to Sharp Rd and Lawnside to new station.
  - Estimated Cost: $215.10 M

Projected In-Service: 06/01/2032

Project Status: Conceptual

