

# Mid-Atlantic Sub Regional RTEP Committee PECO Supplemental Projects

October 21, 2019

# 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



# PECO Transmission Zone M-3 Process

**Need Number: PE-2019-0006**

**Process Stage:** Solutions Meeting October 21, 2019

**Previously Presented:** Need Meeting 6/28/2019

**Project Driver:** Customer Service

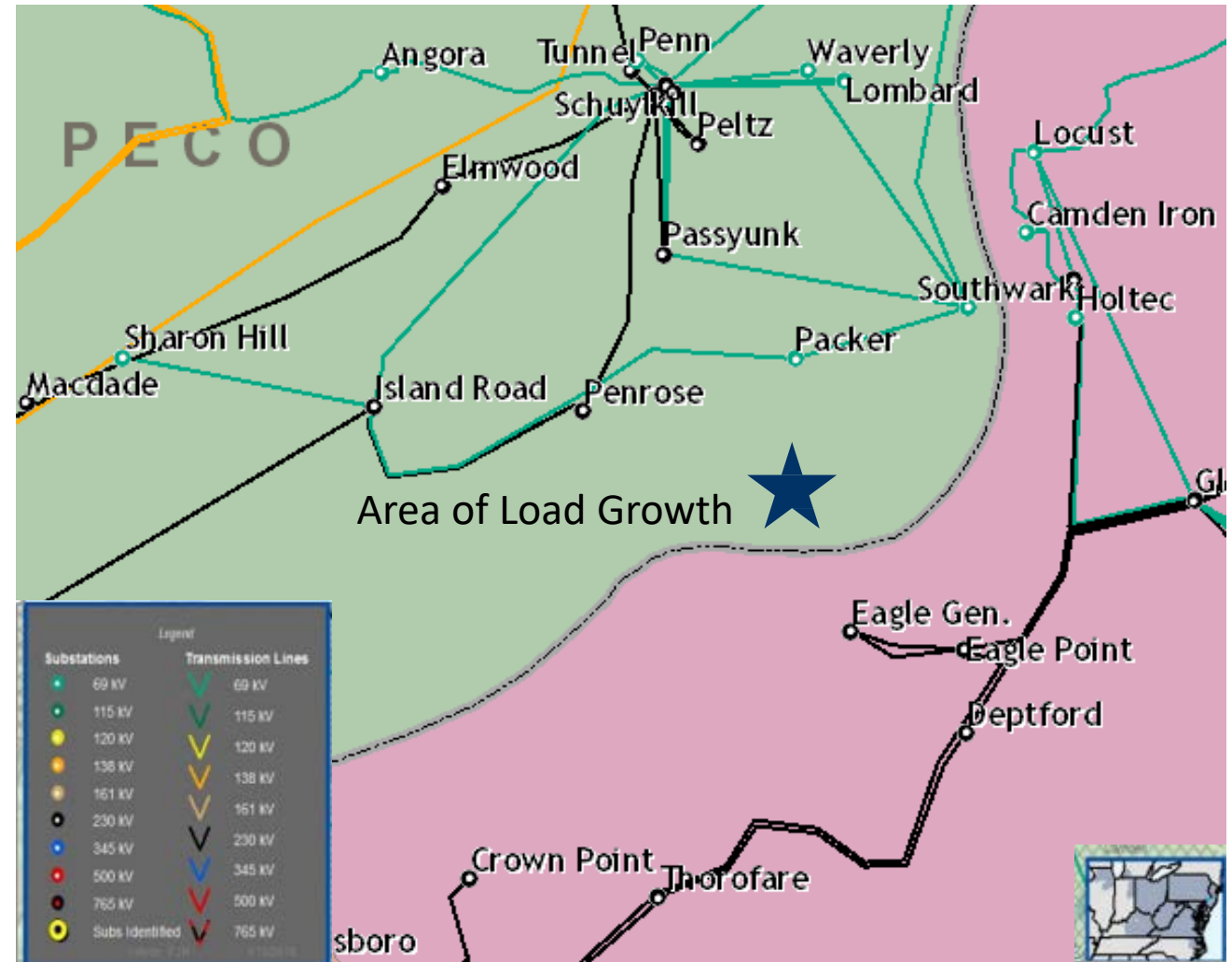
**Specific Assumption Reference:**

- System configuration changes due to new or expansion of existing distribution substations
- PECO Energy Transmission Planning Assumptions document presented to SRRTEP on December 7, 2018.

**Problem Statement:**

PECO Distribution Planning has been requested to support additional load growth in the South Philadelphia area of the City of Philadelphia

|                          |                            |
|--------------------------|----------------------------|
| <b>Initial 2023 Load</b> | <b>Projected 2024 Load</b> |
| <b>Summer 20MVA</b>      | <b>Summer 65MVA</b>        |



**Need Number: PE-2019-0006**

**Process Stage:** Solutions Meeting October 21, 2019

**Project Driver:** Customer Service

**Proposed Solution:**

Construct new 230/13kv substation.  
Cost \$71M

**Ancillary Benefits:** Provide additional 230kv transmission infrastructure closer to areas of load growth.

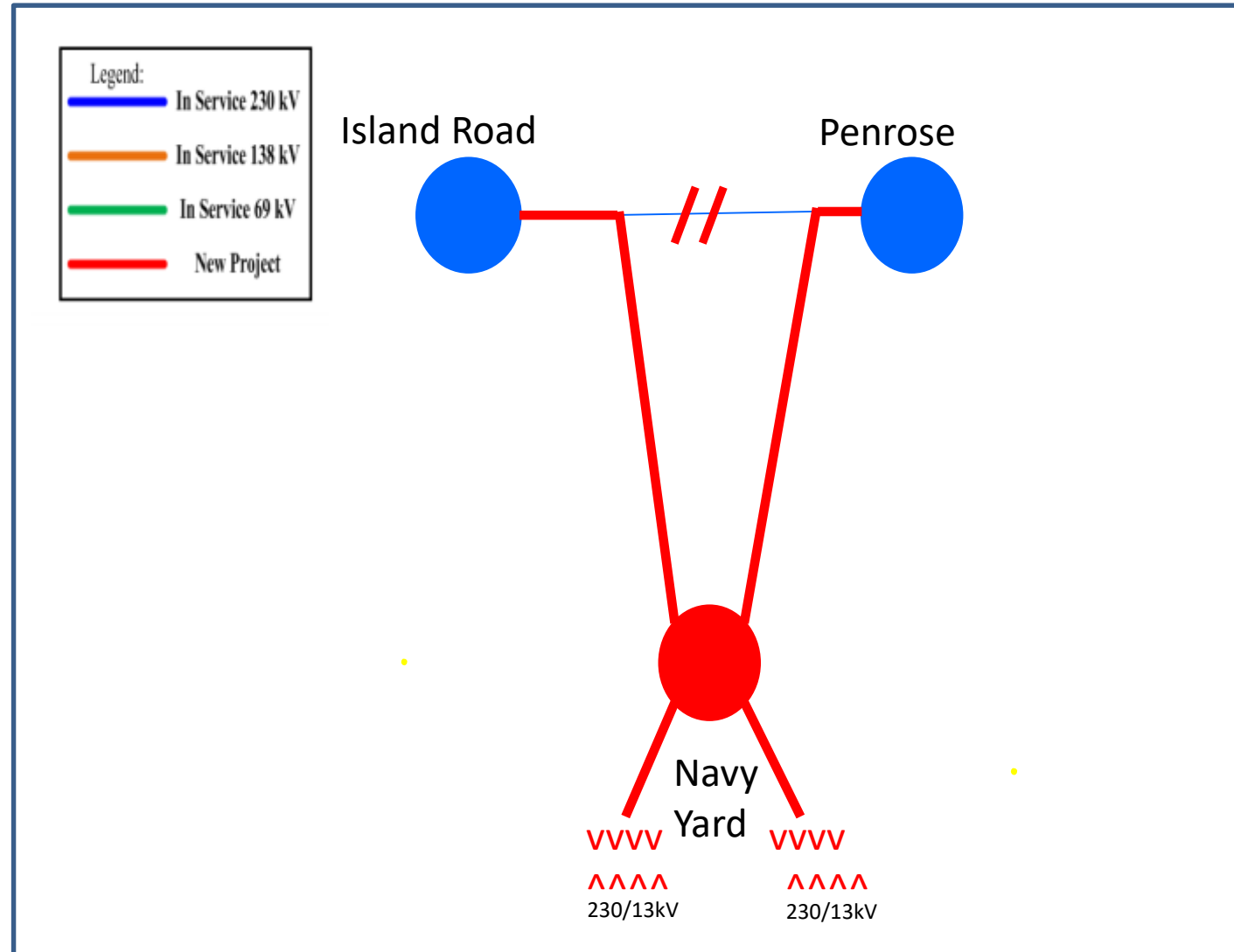
**Alternatives Considered:**

Provide customer service from nearby existing substations. Nearby substations are near their design capacity.

**Projected In-Service:** Summer 2023

**Project Status:** Conceptual

**Model:** 2023 PJM 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

10/11/2019 – V1 – Original version posted to pjm.com

10/15/2019 – V1 – Slide #3- Added Need Meeting date