

# Transmission Expansion Advisory Committee – PECO Supplemental Projects

June 2, 2020

# Solution

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-2020-003**

**Process Stage:** Solutions Meeting 06/02/2020

**Previously Presented:** Needs Meeting 03/10/2020

**Project Driver:**

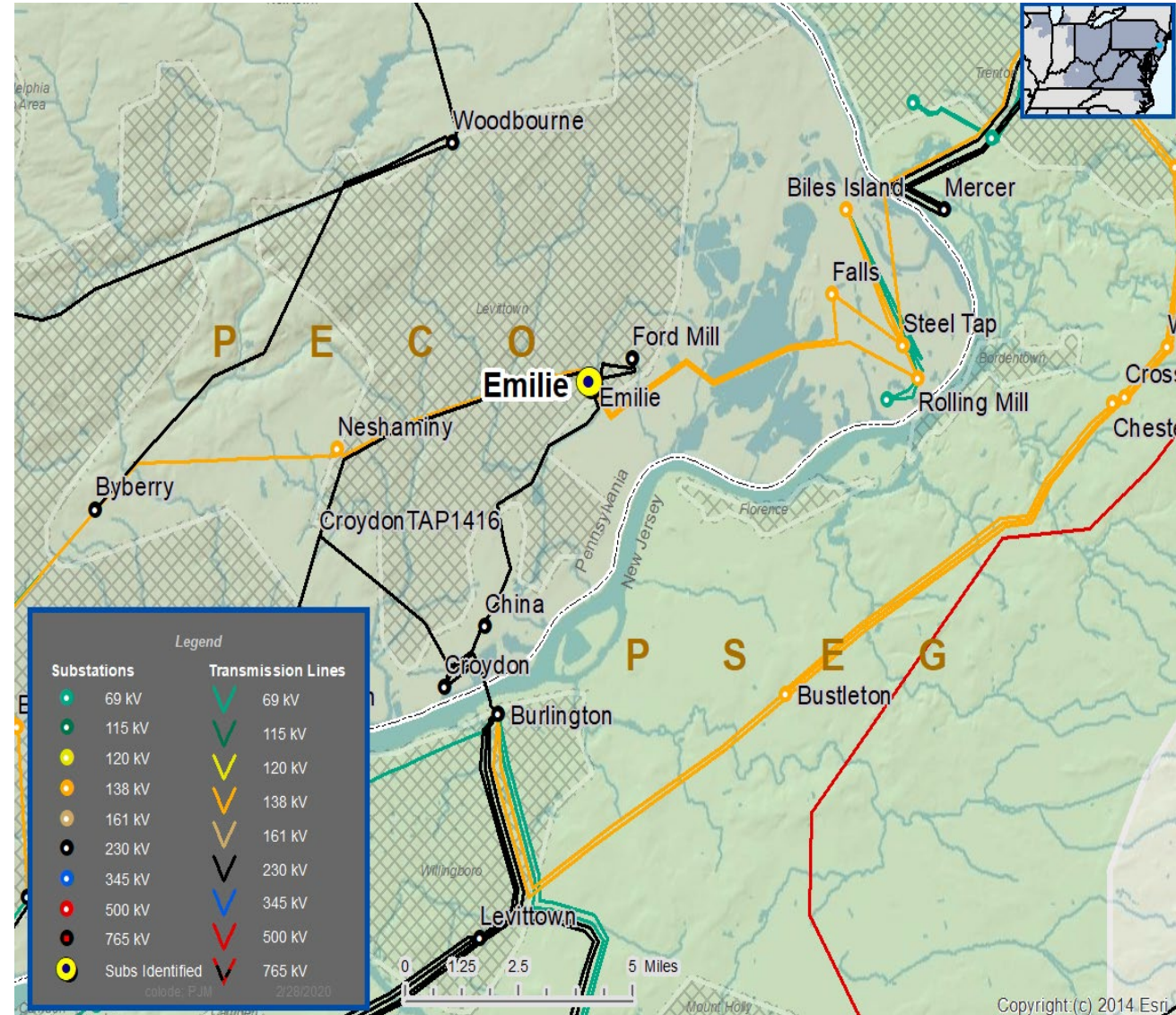
Equipment Material Condition, Performance, and Risk

**Specific Assumption Reference:**

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

**Problem Statement:**

Emilie #8 230/138kV auto transformer is in deteriorating condition. Dissolved gas analysis (DGA) results indicate internal issues within the transformer.



**Need Number: PE-2020-003**

**Process Stage:** Solutions Meeting 06/02/2020

**Proposed Solution:**

Replace Emilie #8 230/138kV transformer and low side circuit breaker. Both the transformer and circuit breaker were installed in 1969. The estimated cost of the project is \$8.3M

Current Ratings - 341 MVA/453 MVA (1428A/1897A)

Proposed Ratings - 395 MVA/525 MVA (1653A/2197A)

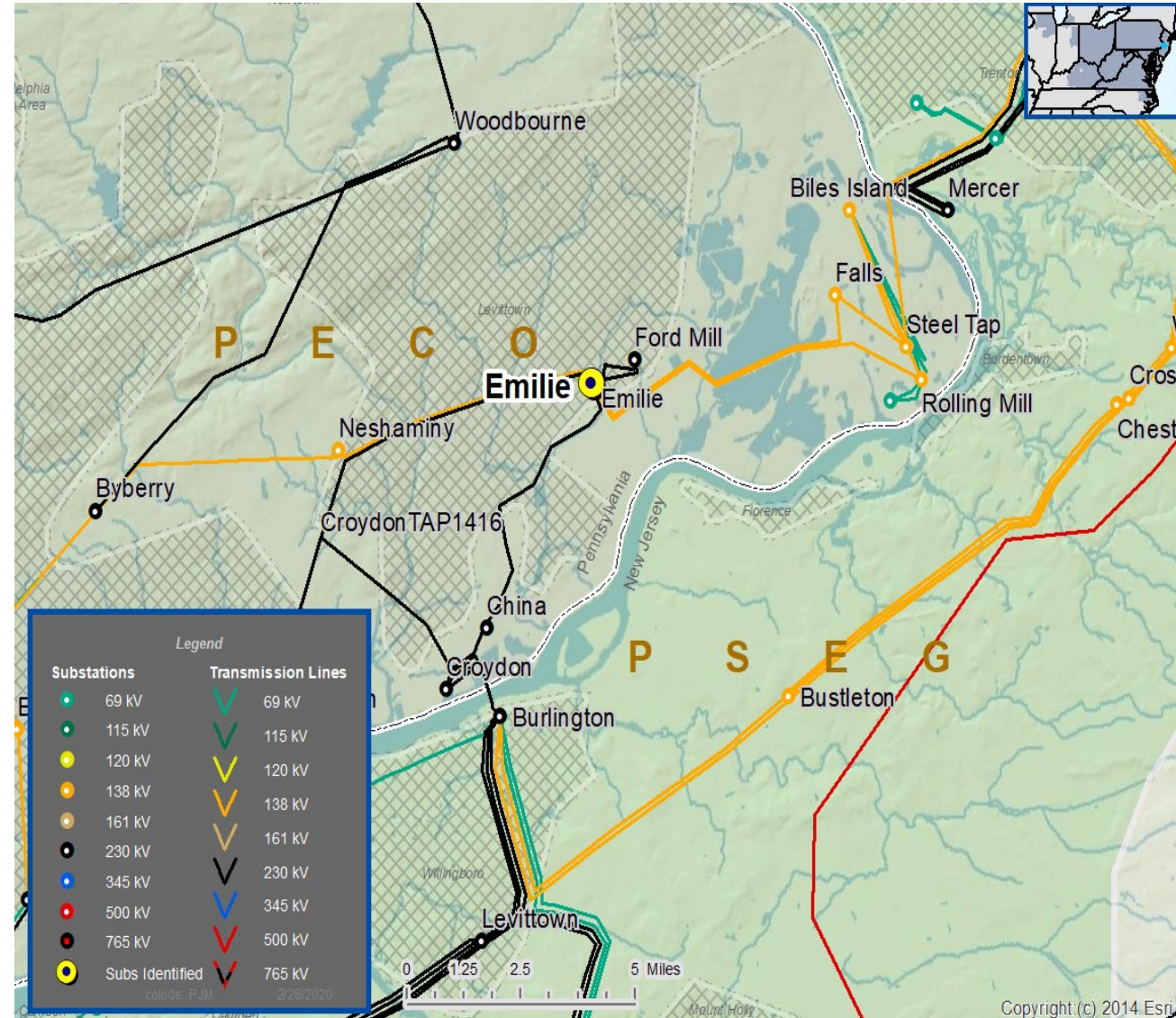
**Alternatives Considered:**

None

**Projected In-Service:** 12/31/2021

**Project Status:** Engineering

**Model:** 2025 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

5/21/2020 - V1 – Original version posted to pjm.com