

Transmission Expansion Advisory Committee – PSEG Supplemental Projects

February 7, 2023

Needs

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: PSEG-2023-0001

Process Stage: Need Meeting 2/07/2023

Supplemental Project Driver:

- Customer Service
- Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

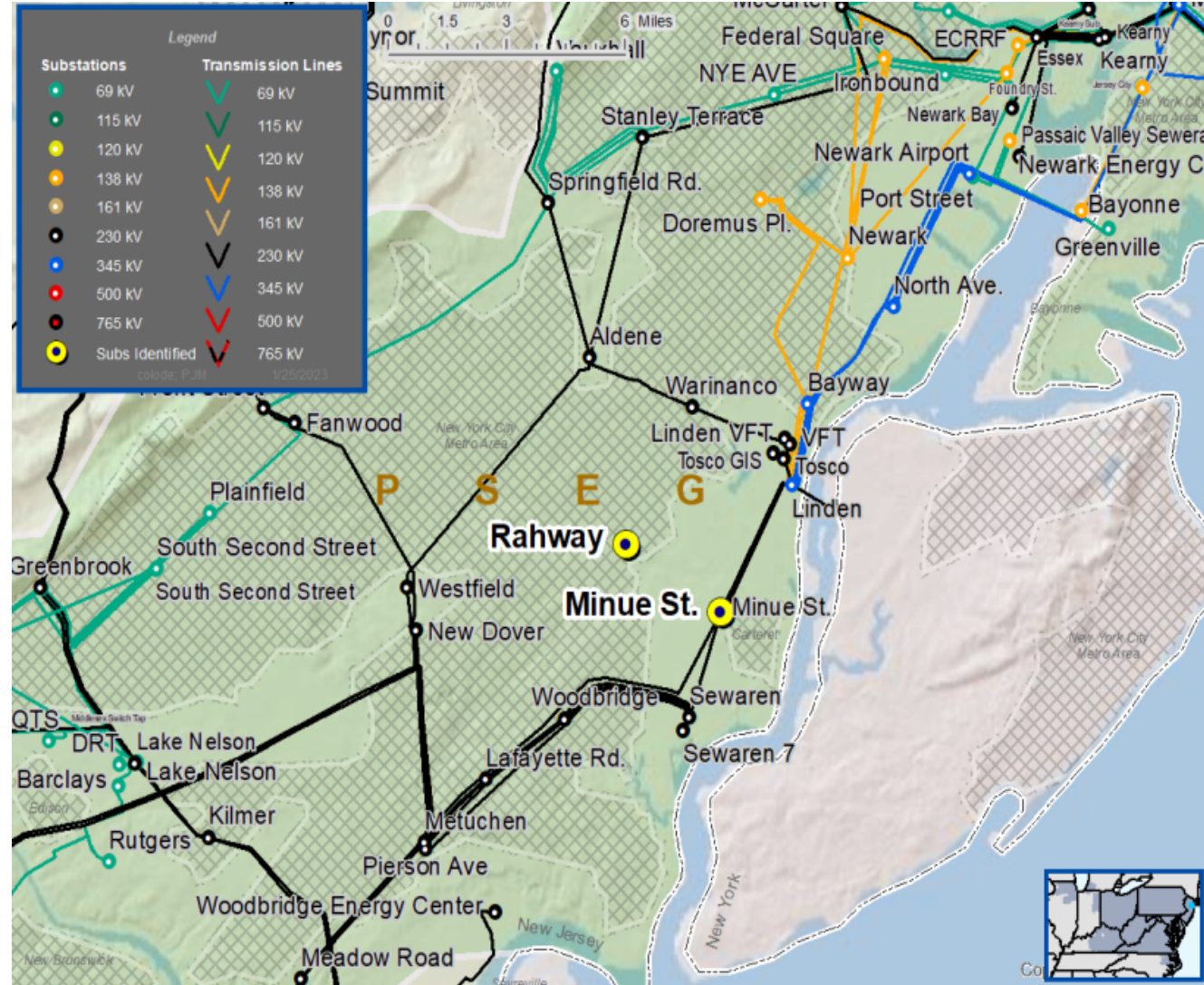
- [PSE&G 2023 Annual Assumptions](#)
- [August 2017 26kV to 69kV PSE&G Presentation](#)

- Localized Load Growth & Contingency Overloads
- Equipment Reliability and Condition Assessment
- Asset Risk Model

Problem Statement:

- Minue Street Substation is a station in the Rahway area with no additional station capacity.
 - Minue Street serves over 13,600 customers with a peak load of over 69MVA in 2021 and 2022.
 - The actual station capacity is 60MVA. Contingency overload is 116.2%.
- Rahway substation is a station in the Rahway Area with equipment and building condition issues.
 - Station equipment at Rahway is in poor condition and will need to be addressed.
 - Rahway Substation building is nearly 100 years old, is in poor condition, and is not in compliance with today's NJ UCC requirements.
 - Rahway serves over 7,300 customers.
- Thermal and voltage issues are anticipated and likely will need to be addressed.

Model: 2021 Series 2026 Summer RTEP 50/50



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

1/27/2023 – V1 – Original version posted to pjm.com

2/3/2023 – V2 – Updated slide 3 (title correction)