

# SRRTEP Committee: Mid-Atlantic PSE&G Supplemental Projects

April 20th, 2023

# 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 Prospect Park Area

**Need Number:** PSEG-2023-0003

**Process Stage:** Solutions Meeting 04/20/2023

**Previously Presented:** Need Meeting 03/16/2023

**Supplemental Project Driver:**

- Customer Service

**Specific Assumption Reference:**

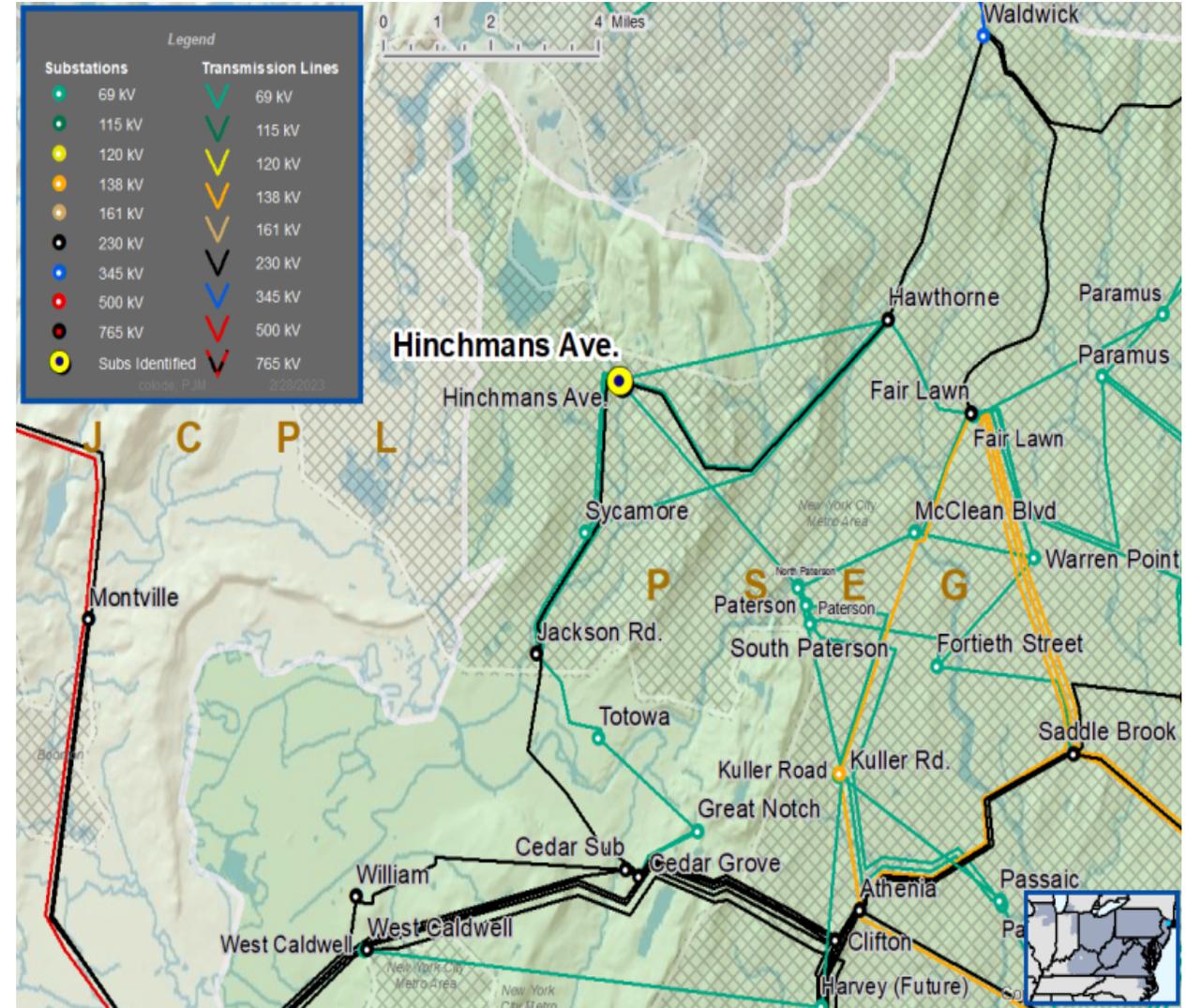
[PSE&G 2023 Annual Assumptions](#)

- Localized Load Growth & Contingency Overloads

**Problem Statement:**

- Hinchmans Substation is a station in the Prospect Park area with no additional station capacity.
  - Hinchmans serves over 14,000 customers with a peak load of over 75.6 MVA in 2021 and 2022.
  - The actual station capacity is 59.6 MVA. Contingency overload is 127%.

**Model:** 2021 Series 2026 Summer RTEP 50/50





# PSEG Transmission Zone M-3 Process Prospect Park Area

**Need Number:** PSEG-2023-0003

**Process Stage:** Solutions Meeting 04/20/2023

**Proposed Solution:**

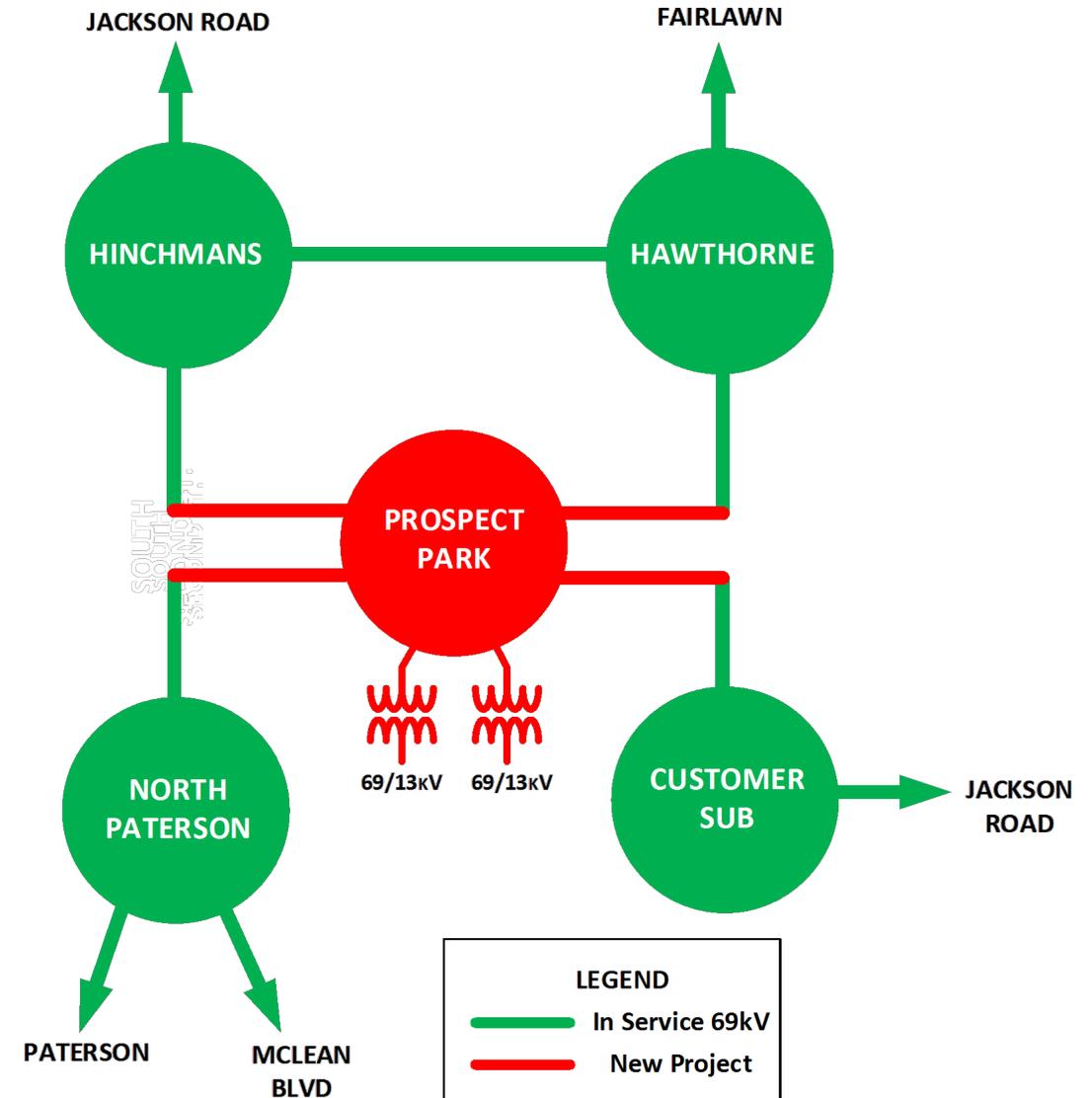
- Construct new 69-13kV substation with two transformers in acquired property in Prospect Park.
  - Cut and loop Hinchmans – North Paterson and Hawthorne – Customer Sub 69kV lines into the new 69kV bus.
  - Offload Hinchmans and transfer to new station.
  - **Estimated Cost:** \$63M

**Alternatives Considered:**

- Construct new 69-13-4kV substation with three transformers in acquired property in Prospect Park.
  - Cut and loop Hinchmans – North Paterson and Hawthorne – Customer Sub 69kV lines into the new 69kV bus.
  - Offload Hinchmans and transfer to new station.
  - **Estimated Cost:** \$71M

**Projected In-Service:** 12/2027

**Project Status:** Conceptual



# 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

4/10/2023 – V1 – Original version posted to pjm.com