

SRRTEP COMMITTEE: MID-ATLANTIC PSE&G SUPPLEMENTAL PROJECTS

May 20, 2021

Solutions

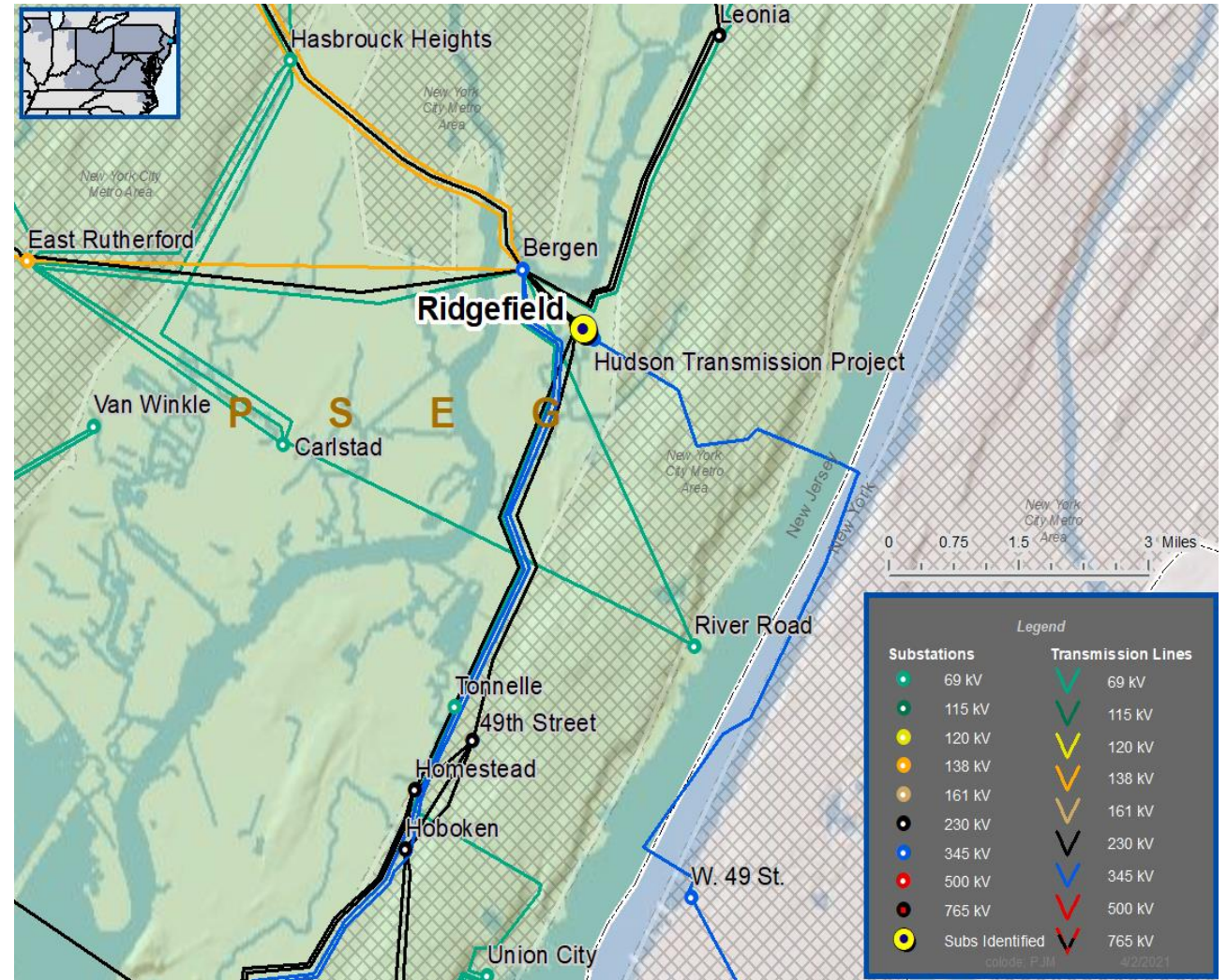
Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

- **Need Number:** PSEG-2021-0002
- **Process Stage:** Solution Meeting 05/20/2021
- **Previously Presented:** Need Meeting 04/14/2021
- **Supplemental Project Driver:**
- Customer Service
- **Specific Assumption Reference:**
- [PSEG 2021 Annual Assumptions](#)
- Localized Load Growth & Contingency Overloads

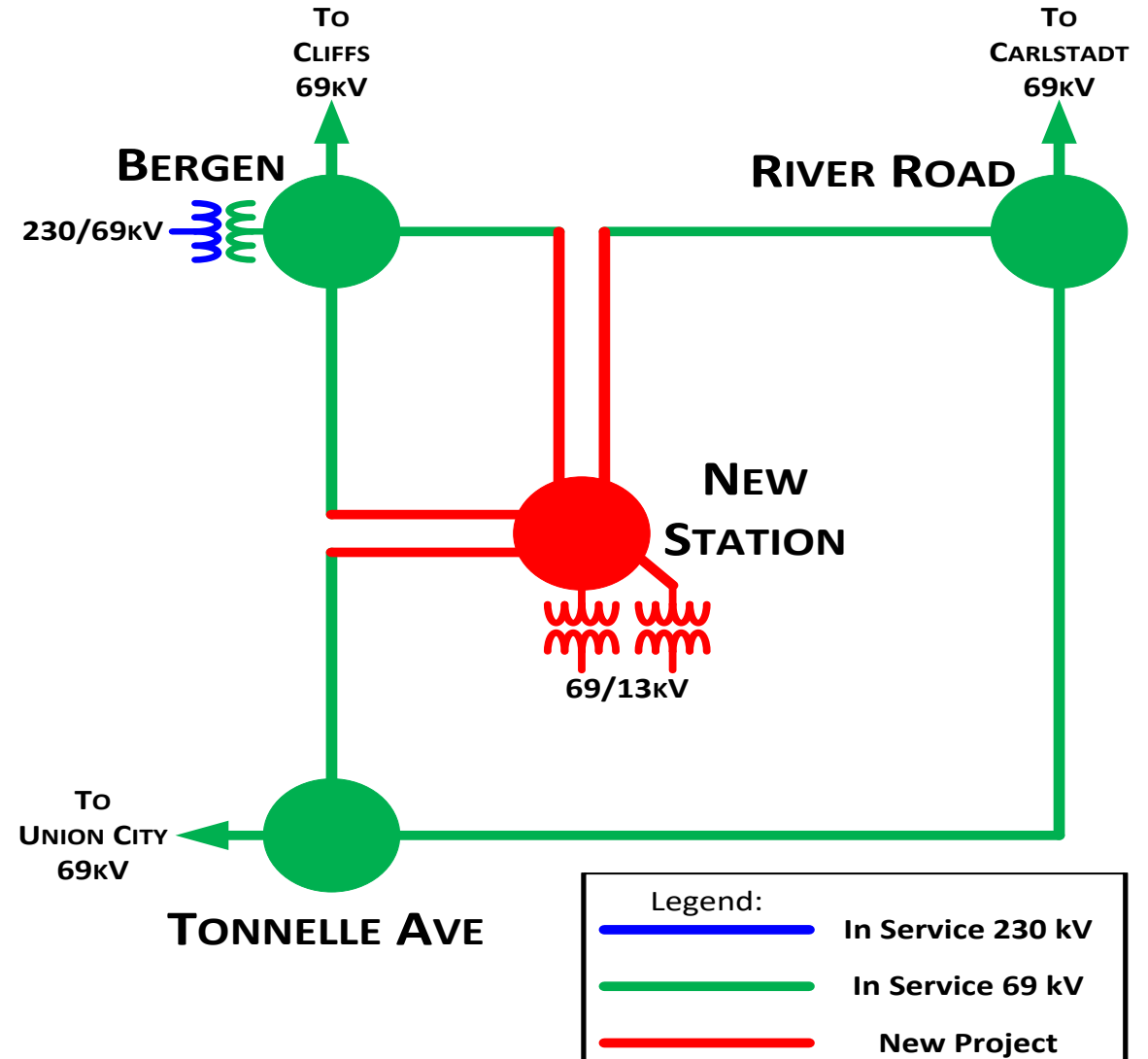
- **Problem Statement:**
- Ridgefield 1H is a station in Bergen County operating above its capacity of 60 MVA.

- Ridgefield Substation 1H serves roughly 23,000 customers with a load of 66 MVA in 2020.

- **Model:** 2020 Series 2025 Summer RTEP 50/50



- **Need Number:** PSEG-2021-0002
- **Process Stage:** Solution Meeting 05/20/2021
- **Proposed Solution:**
- New 69-13kV Station at new property in Fairview N.J.
 - Purchase Property to accommodate new construction.
 - Install a 69kV station with two (2) 69-13kV transformers.
 - Construct a 69kV network in the Southeastern Bergen County area by cutting and looping two existing lines into the station.
 - Transfer load from heavily loaded Ridgely to the new station.
 - **Estimated Cost:** \$69.8M
- **Alternatives Considered:**
- New 69-13kV Station at new property in Fairview N.J.
 - Purchase Property to accommodate new construction.
 - Install a 69kV station with two (2) 69-13kV transformers.
 - Construct an alternate 69kV network in the Southern Bergen County area by cutting and looping one existing line and constructing a line to the west.
 - Transfer load from heavily loaded Ridgely to the new station.
 - **Estimated Cost:** \$99.8M
- **Projected In-Service:** 05/2026
- **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

5/10/2021 – V1 – Original version posted to pjm.com