

# Transmission Expansion Advisory Committee – PSE&G Supplemental Projects

December 05, 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-2023-0013

**Process Stage:** Needs Meeting 12/5/2023

**Supplemental Project Driver:**

- Equipment Material Condition, Performance and Risk
- Operational Flexibility and Efficiency

**Specific Assumption Reference:**

[PSE&G 2023 Annual Assumptions](#)

- Equipment Criticality, Consequence of Failure

**Problem Statement:**

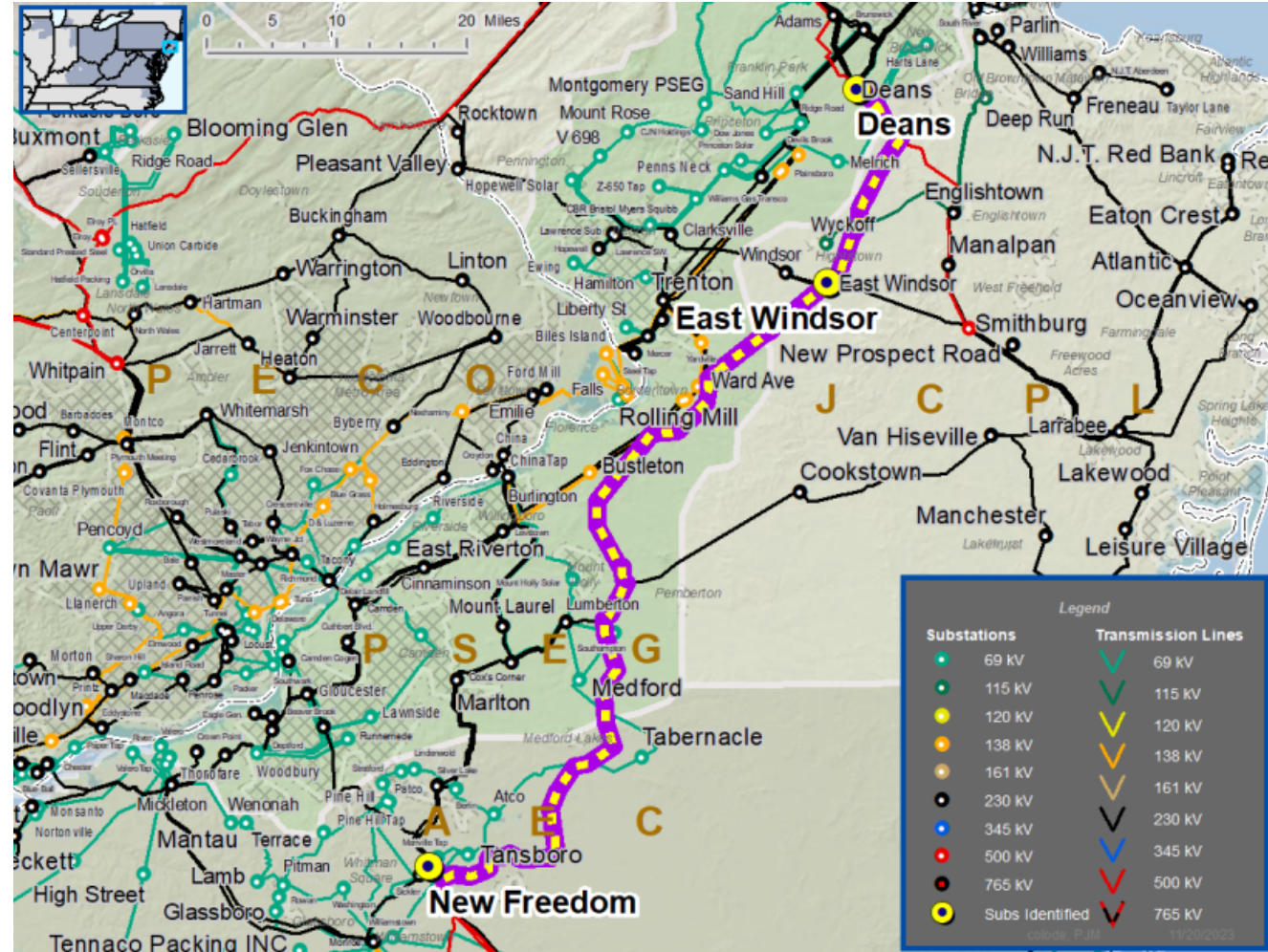
Existing communications equipment is currently power line carrier (PLC) on Deans – E Windsor and E Windsor – New Freedom 500kV. PLC equipment is affected during severe weather.

PJM Relay Subcommittee issued recommendations effective 4/17/2014 concerning Directional Comparison Blocking (DCB).

The tolerance for overtrips may be unacceptable when the stability of large generating units is adversely affected.

A protection scheme more secure than DCB is recommended in cases where stability concerns are present.

**Model:** 2023 Series 2028 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

11/22/2023 - V1 – Original version posted to pjm.com