



# Transmission Expansion Advisory Committee PEPCO Supplemental Projects

June 5, 2025

## 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:** PEP-2025-003

**Process Stage:** Need Meeting 06/05/2025

### Project Driver:

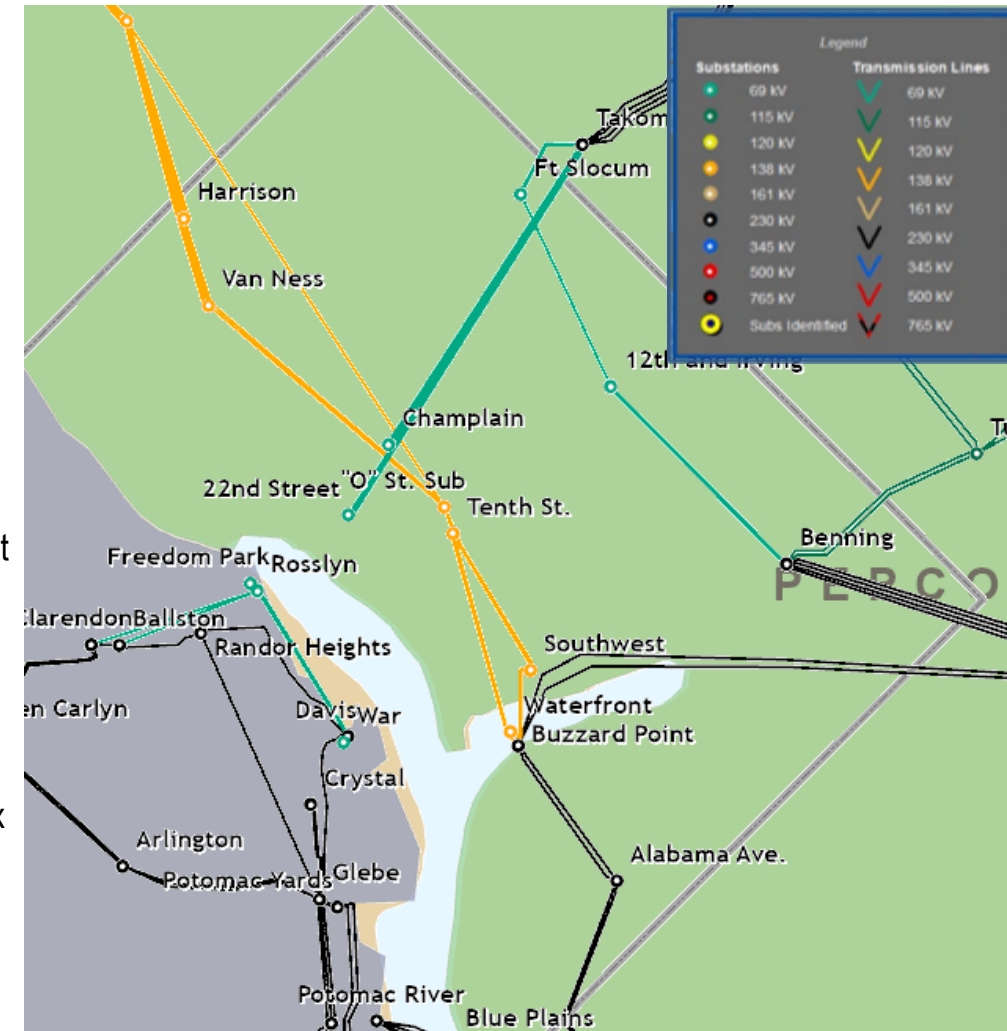
- Equipment Material Condition, Performance and Risk
- Operational Flexibility and Efficiency
- Infrastructure Resilience

### Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Enhancing system functionality, flexibility, visibility, or operability and Networking existing radial facilities.
- Remedy recurring operational problems and Resiliency enhancements. Increasing system capacity.

### Problem Statement:

- 11 oil filled cables running under the Potomac river are experiencing frequent operational issues (approx 45 years old).
- "I" Street Substation has reliability and maintenance issues (over 40 Years Old)
- Aging 69 kV supply feeders to Georgetown Substation and "F" Street (nearing 50 Years Old).
- Aging 34kV supply feeders to "L" Street are nearing end of useful life. (45 Years)
- Lack of alternative available supply capacity in downtown Washington DC.



# 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

05/xx/2025 - V1 – Original version posted to pjm.com