

# Sub Region RTEP Mid-Atlantic Committee AEC Supplemental Projects

February 17, 2022

# 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



# ACE Transmission Zone M-3 Process

**Need Number:** ACE-2022-001

**Process Stage:** Need Meeting 2/17/2022

**Project Driver:** Customer Service

**Specific Assumption Reference:**

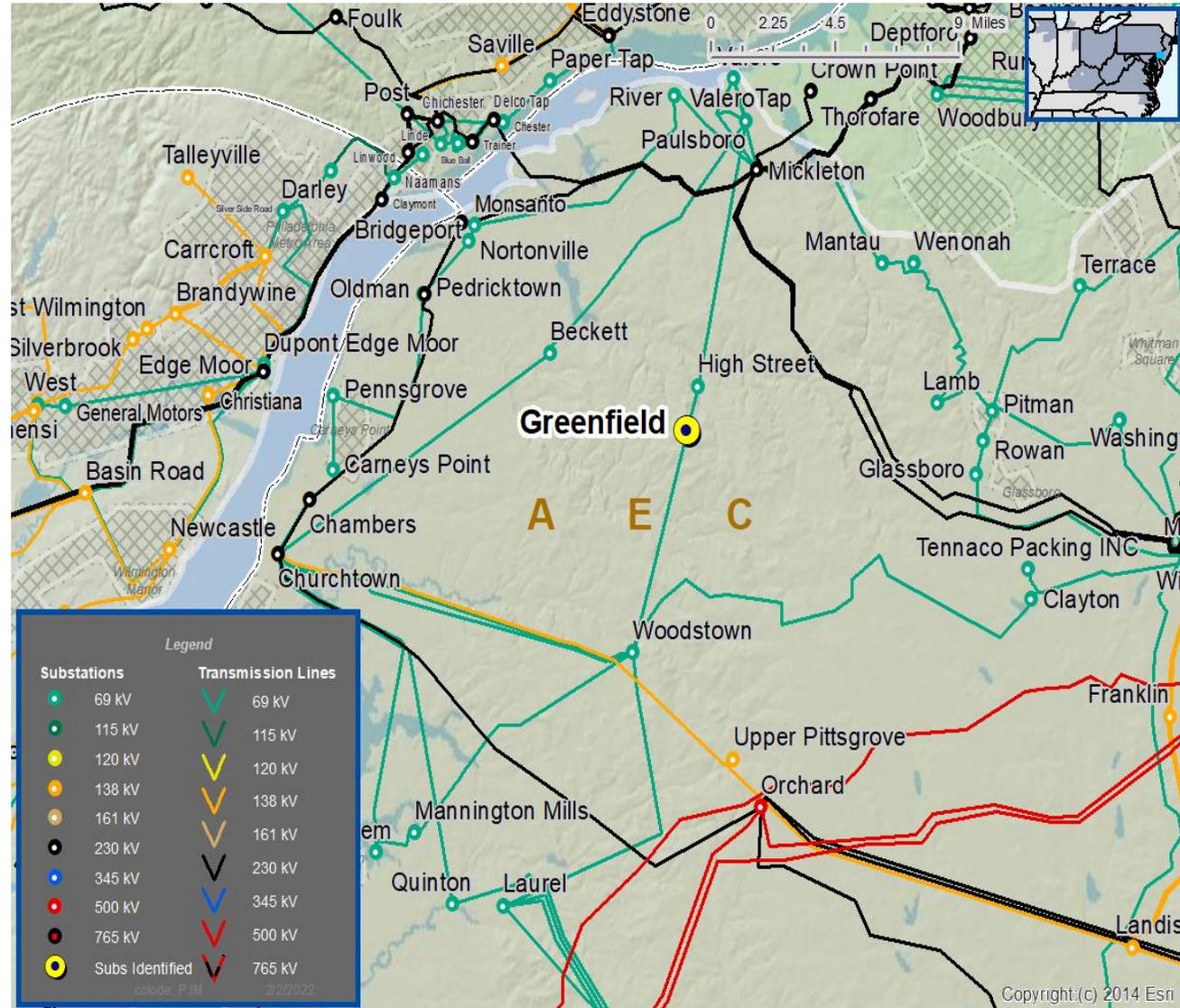
New transmission customer interconnections or modification to an existing customer

**Problem Statement:**

Existing customer is installing an additional 9 MW of load in the Gloucester County, NJ area. Distribution infrastructure in the area cannot adequately accommodate this load.

Existing Load: 9 MW

Projected Load: 18 MW



**Need Number: ACE-2022-003**

**Process Stage:** Need Meeting 2/17/2022

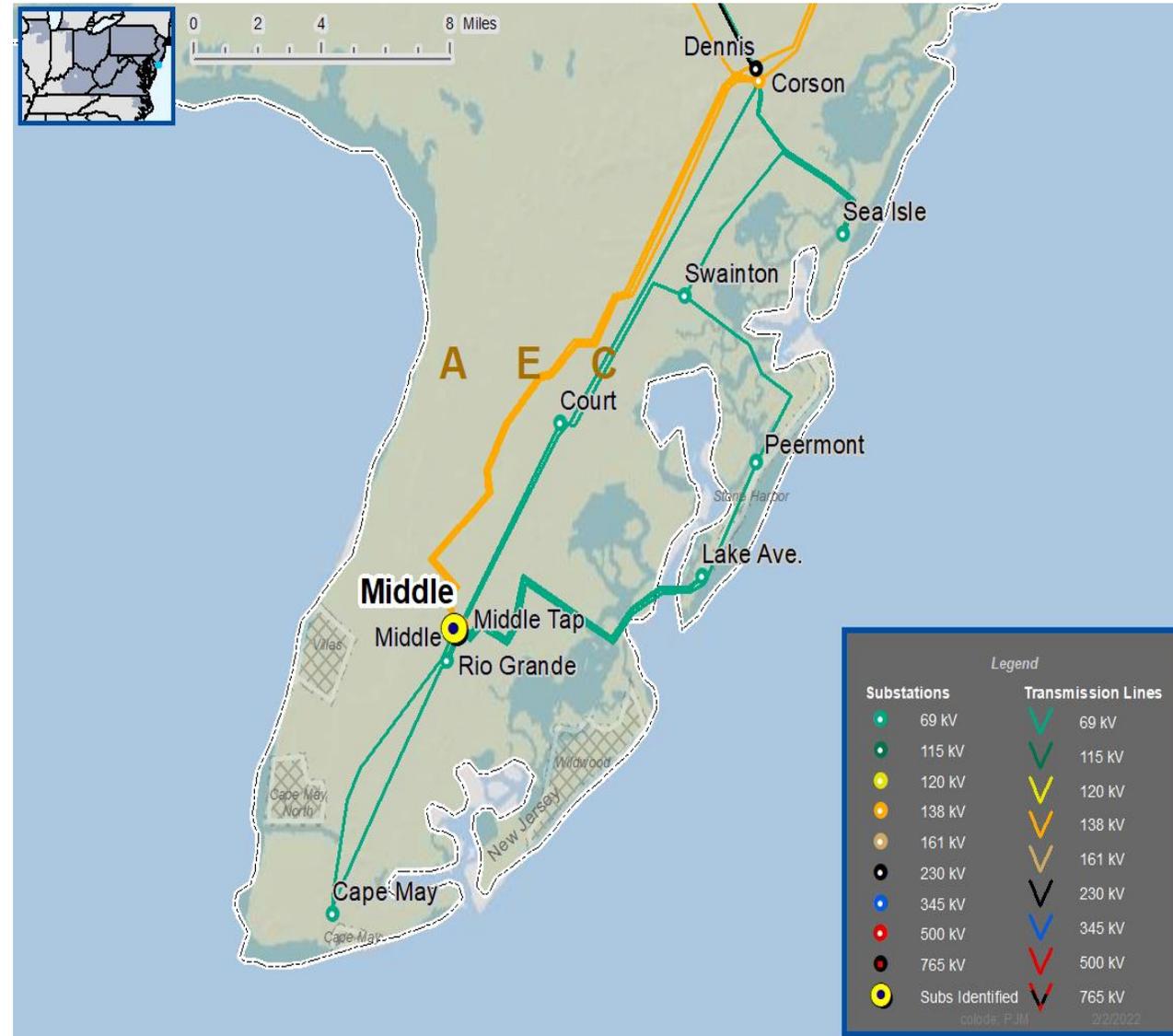
**Project Driver:** Equipment Material Condition, Performance and Risk

**Specific Assumption Reference:**

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

**Problem Statement:**

Middle 138/69 kV T4 transformer is 41 years old, is in deteriorating condition, and has elevated maintenance costs.



**Need Number: ACE-2022-004**

**Process Stage: Need Meeting 2/17/2022**

**Project Driver:** Equipment Material Condition, Performance and Risk, Operational Flexibility and Efficiency

**Specific Assumption Reference:**

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.
- Enhancing system functionality, flexibility, visibility, or operability.

**Problem Statement:**

The 69 kV Court – Middle – Lake 0798 line is 67 years old and in deteriorating condition. The three terminal line has had several interruptions over the last five years.



# 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

2/7/2022 – V1 – Original version posted to pjm.com

2/15/2022 – V2 – Removed slide for Need # ACE-2022-002