

# Subregional RTEP Committee - Mid-Atlantic FirstEnergy Supplemental Projects

# 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:** PN-2023-008

**Process State:** Need Meeting 08/17/2023

**Project Driver:**

*Operational Flexibility and Efficiency*

**Specific Assumption Reference:**

Add/Expand Bus Configuration

- Eliminate simultaneous outages to multiple network elements

System Performance Projects

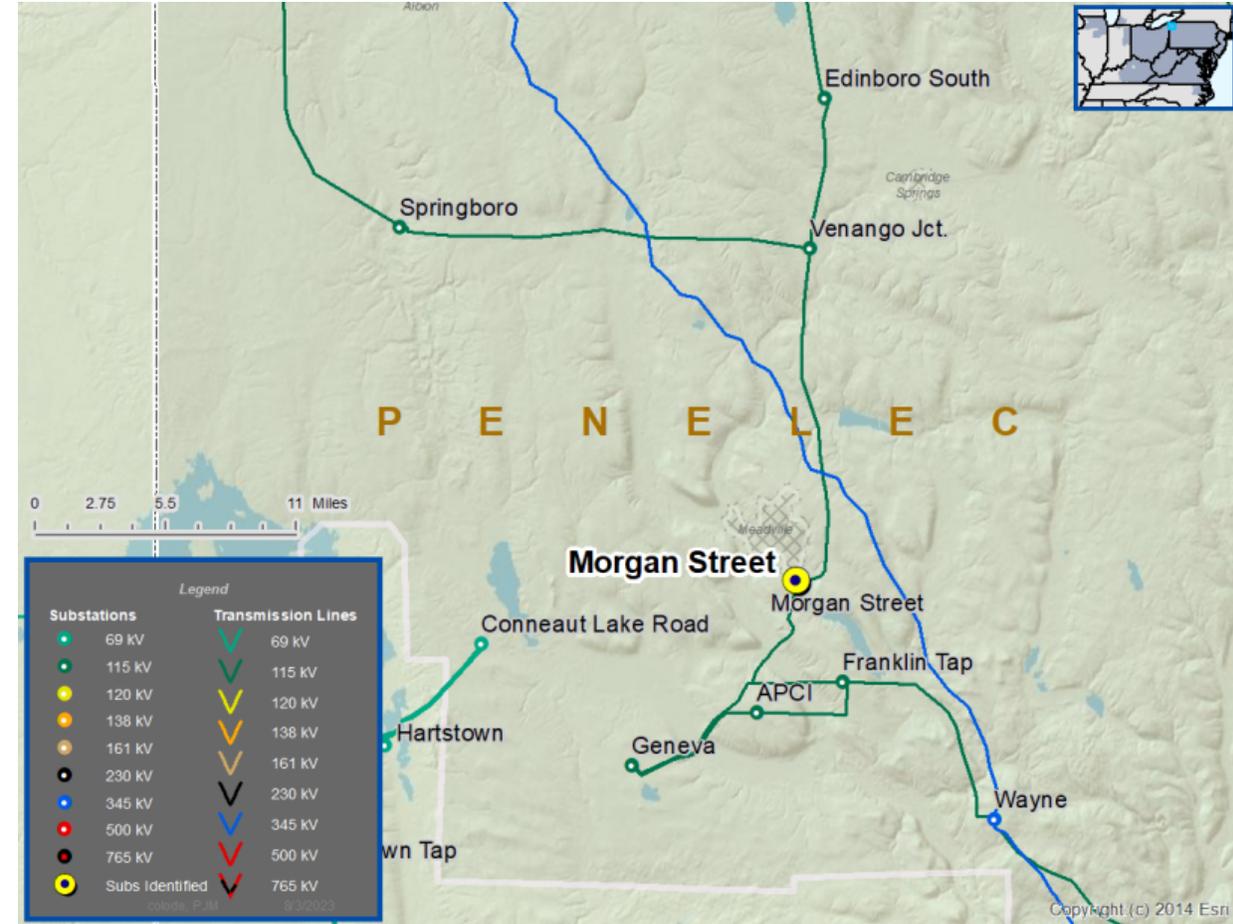
- Substation/line equipment limits

System Performance Projects Global Factors

- Load and/or customers at risk

**Problem Statement:**

- Morgan Street 115 kV Substation serves 7,100 customers and 67 MW of load in the Meadville, Pennsylvania area.
- The current substation configuration of Morgan Street Substation is a straight bus with a bus tie breaker. In the event of a tie breaker failure, the entire Morgan Street Substation 115 kV bus is interrupted.
- In addition to a tie breaker failure at Morgan Street Substation, the consequential N-1-1 loss of the Geneva – Morgan Street 115 kV Line and the Edinboro South – Morgan Street – Springboro 115 kV Line eliminates the 115 kV source to the 34.5 kV system fed from Morgan Street Substation.



# 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

08/7/2023 – V1 – Original version posted to pjm.com