

# Transmission Expansion Advisory Committee – MetEd Supplemental Projects

September 6, 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

**Need Number:** ME-2022-005

**Process State:** Needs Meeting 9/6/2022

**Project Driver:**

*Operational Flexibility and Efficiency*

**Specific Assumption Reference:**

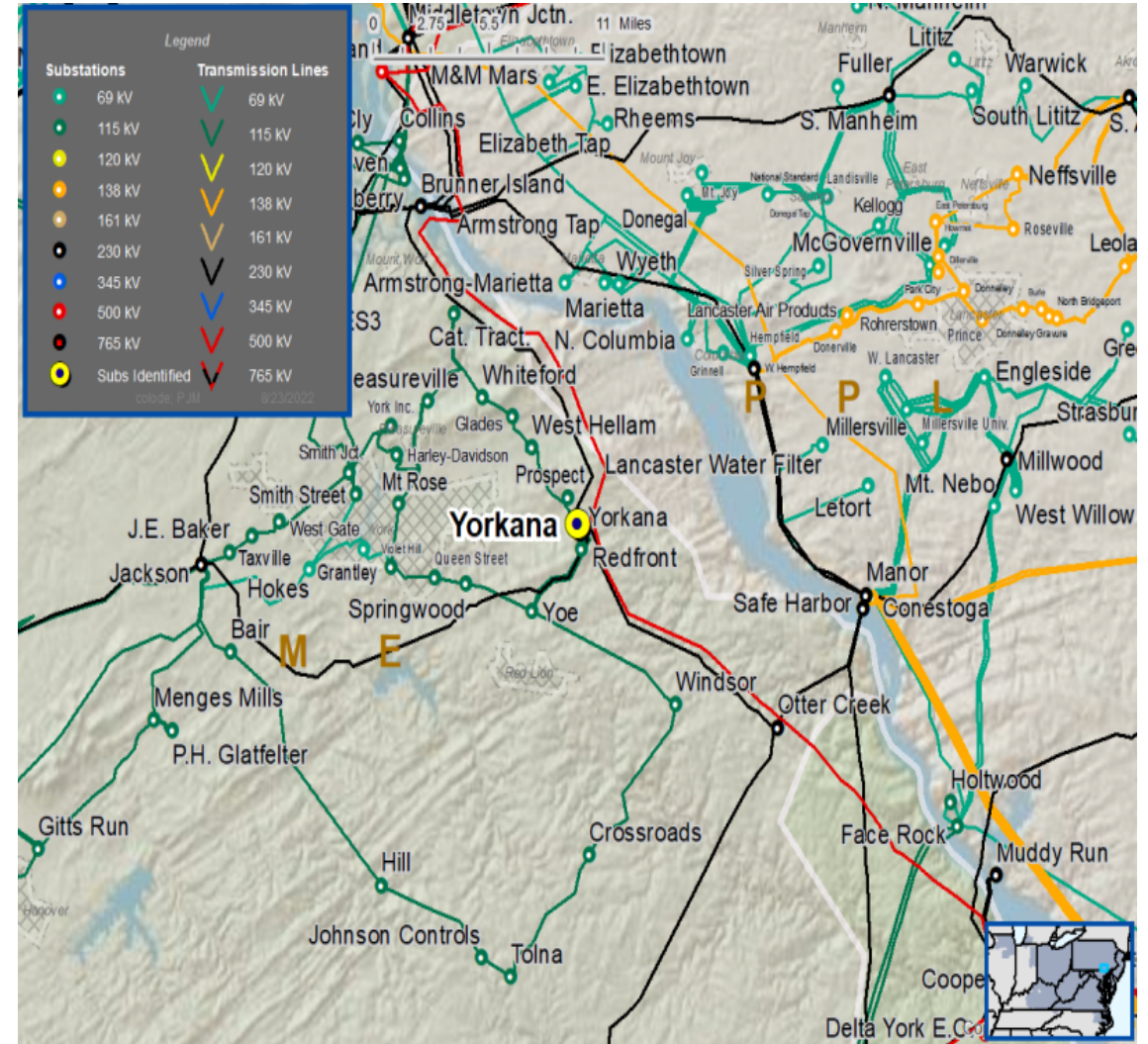
System Performance Projects

- Add/Expand Bus Configuration
- Eliminate simultaneous outages to multiple networked elements

**Problem Statement:**

The Yorkana 230 kV substation is configured as a four-breaker ring bus consisting of three 230 kV lines and two 230/115 kV transformers. One of the transformers is tapped on a 230 kV line terminal. Taking an outage of the transformer would require also taking an outage of the 230 kV line.

A fault on the transformer or line would result in loss of both facilities. A faulted circuit breaker could result in loss of two 230 kV lines and a transformer.



# 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

8/26/2022 - V1 – Original version posted to pjm.com