

# Subregional RTEP Committee – Mid-Atlantic First Energy (MetEd) 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:** ME-2024-001

**Process Stage:** Need Meeting 01/18/2024

**Project Driver:**

*Operational Flexibility and Efficiency*

*Equipment Material Condition, Performance, and Risk*

**Specific Assumption Reference:**

System Performance Projects

- Add/Replace Transformers

**End of Life Criteria**

- Transformers at or beyond expected service life
- Outdated or obsolete technology and equipment

**Problem Statement:**

The #1 115-69 kV Transformer at Smith Street Substation is 59 years old and is approaching end of life. The transformer has experienced multiple fan failures, low pressure alarms and oil leaks that have been difficult to repair due to the condition of the transformer.

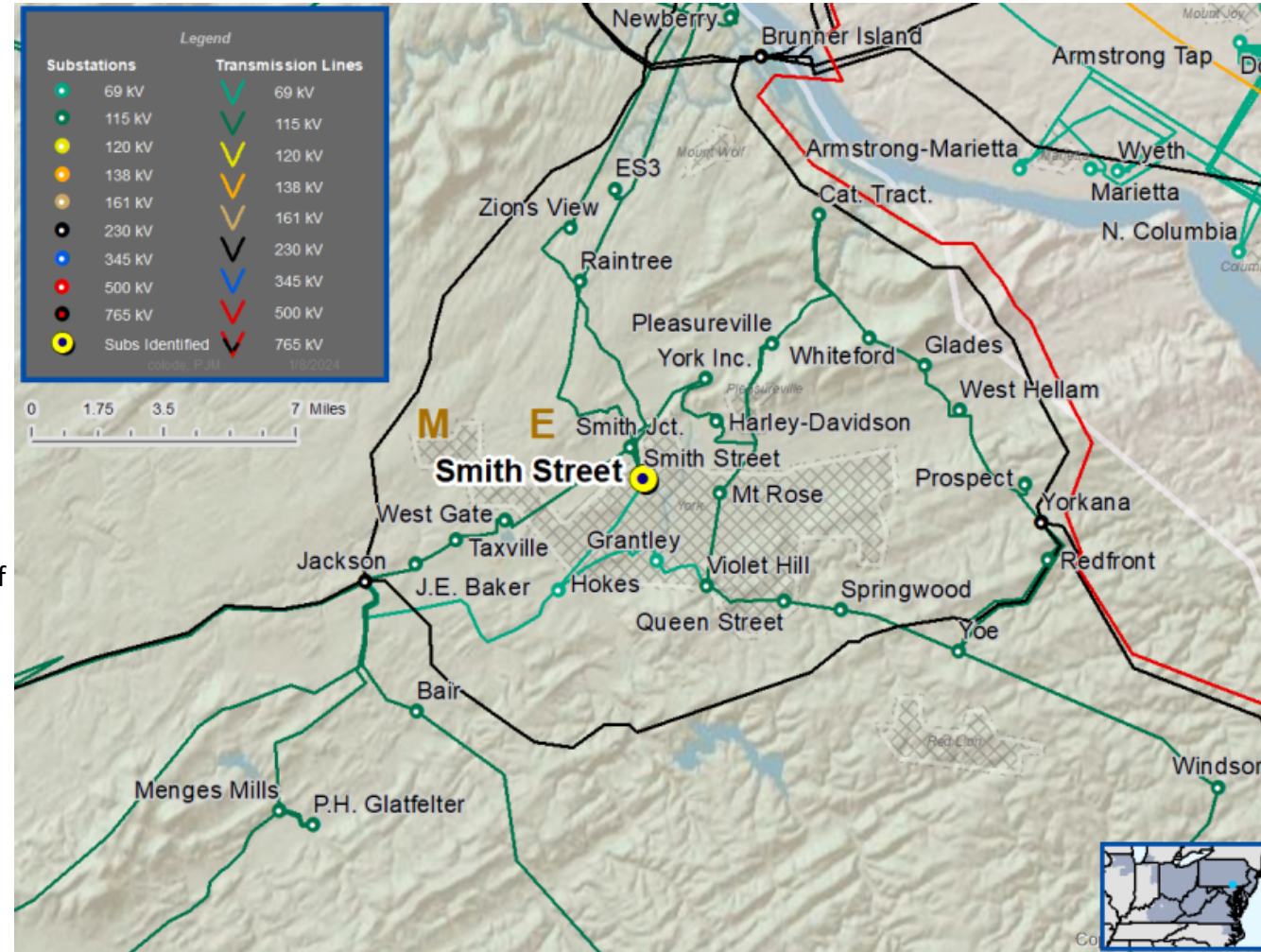
Existing #1 transformer ratings:

- 30/33/39/41 MVA (SN/SLTE/WN/WLTE)

The #3A 115-69-13.2 kV Transformer at Smith Street Substation is 73 years old and is approaching end of life. The transformer has experienced multiple oil leaks that have been difficult to repair due to the condition of the transformer.

Existing #3A transformer ratings:

- 65/72/88/94 MVA (SN/SLTE/WN/WLTE)





# 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

1/8/2024 – V1 – Original version posted to pjm.com

1/8/2024 – V2 – Map added to slide 3