

# Transmission Expansion Advisory Committee FirstEnergy Supplemental Projects

May 11, 2021

# Solutions

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:** APS-2021-003

**Process Stage:** Need Meeting 05/11/2021

**Previously Presented:** Need Meeting 04/06/2021

**Project Driver:**

Customer Service

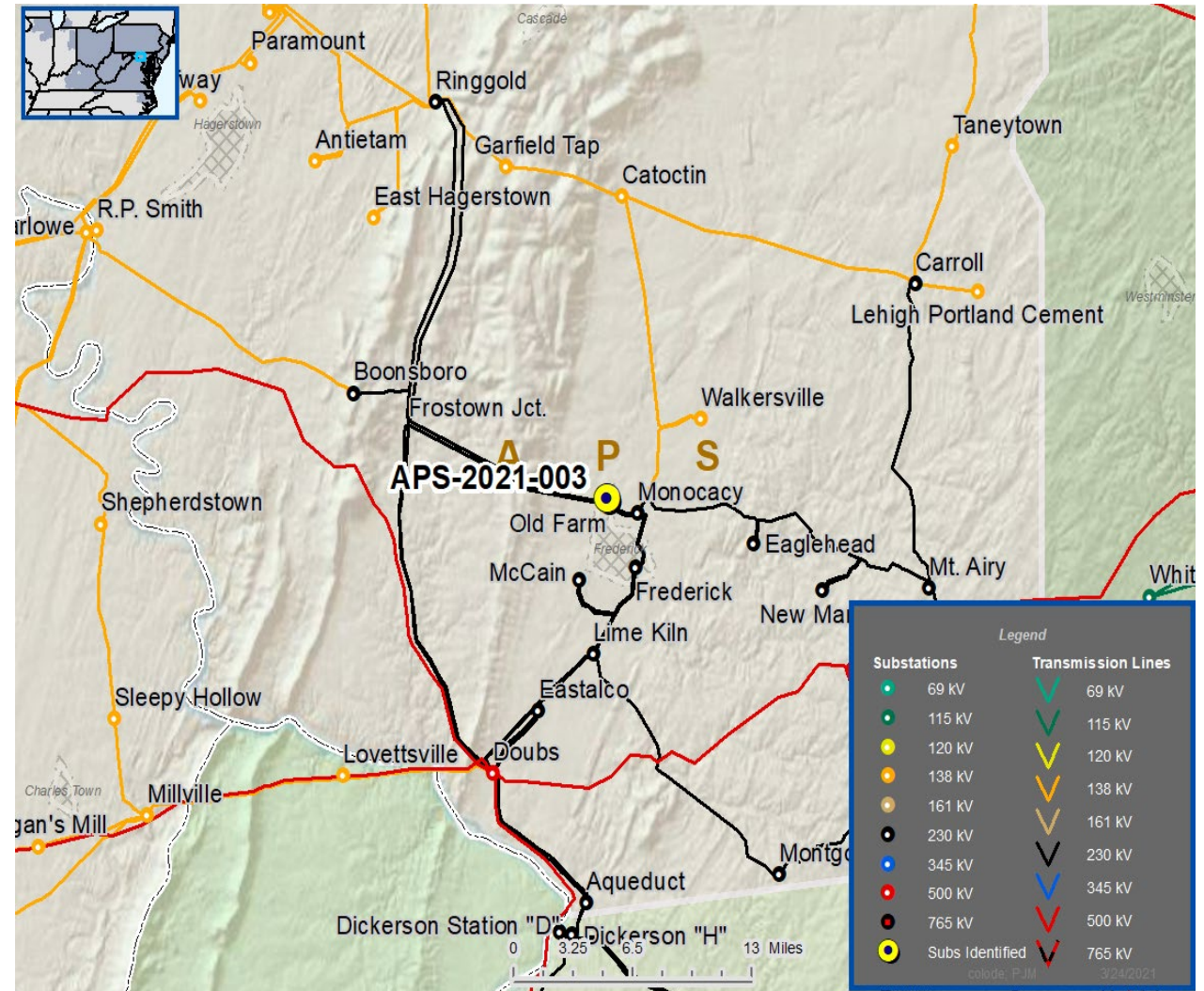
**Specific Assumption Reference:**

New customer connection request will be evaluated per FirstEnergy’s “Requirements for Transmission Connected Facilities” document and “Transmission Planning Criteria” document.

**Problem Statement:**

New Customer Connection – Potomac Edison Distribution requested a new 230 kV connection at their Old Farm Substation, anticipated load is 15 MW.

Requested in-service date is June 2021.



**Need Number:** APS-2021-003

**Process State:** Solution Meeting 05/11/2021

**Previously Presented:** Need Meeting 04/06/2021

**Proposed Solution:**

At Old Farm SS:

- Extend the 230 kV bus
- Add Terminal Equipment

At Ringgold SS:

- Modify/Replace Terminal End Equipment

At Monocacy SS:

- Modify/Replace Terminal End Equipment

**Alternatives Considered:**

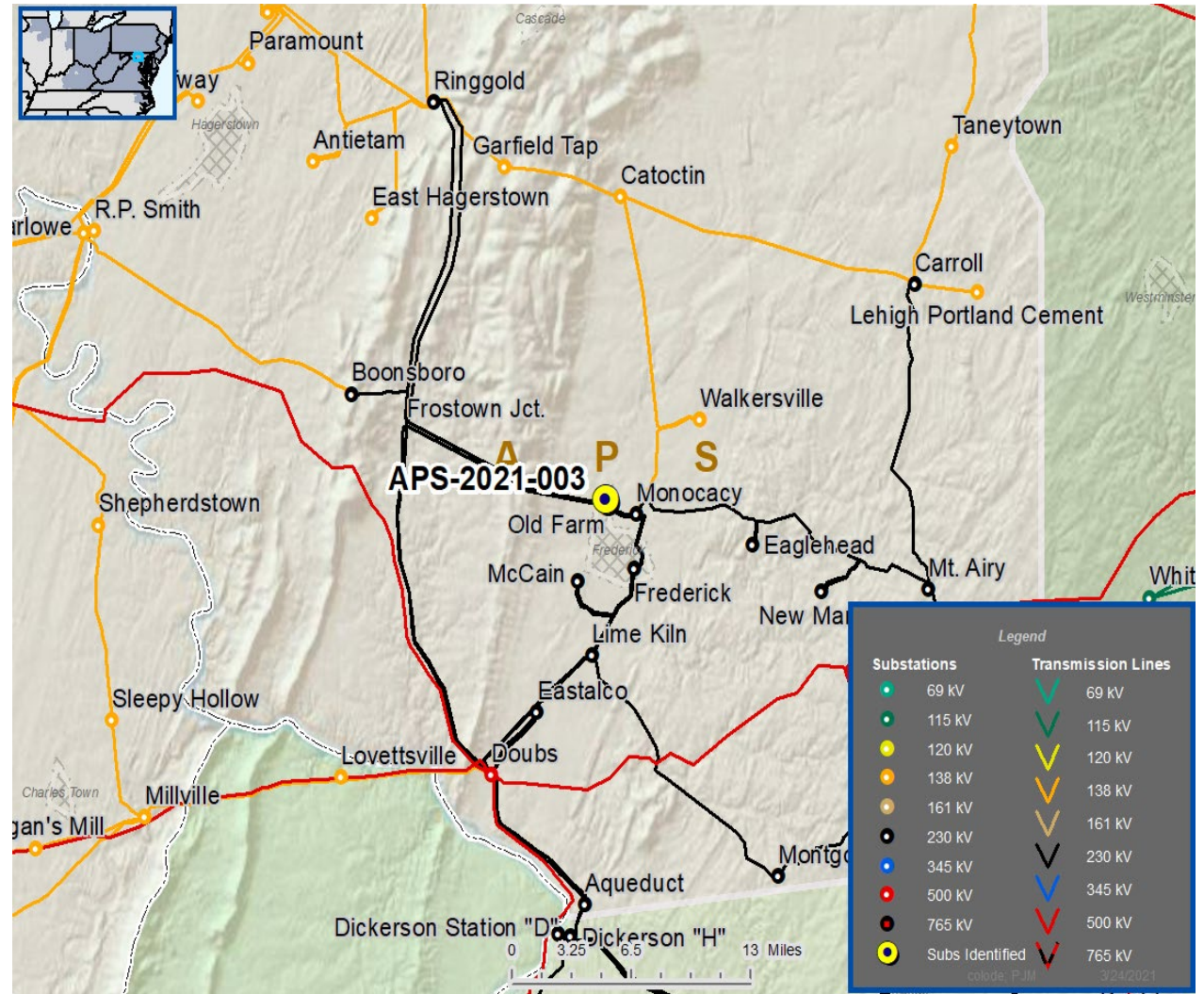
- None

**Estimated Project Cost:** \$1M

**Projected In-Service:** 06/01/2021

**Project Status:** Construction

**Model:** 2020 RTEP model for 2025 Summer (50/50)



# 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

4/30/2021– V1 – Original version posted to pjm.com

5/4/2021– V2 – Updated title