

Subregional RTEP Committee - Mid-Atlantic FirstEnergy Supplemental Projects

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: ME-2024-017

Process Stage: Solution Meeting – 6/12/2025

Previously Presented: Need Meeting – 7/18/2024

Project Driver(s):

Customer Service

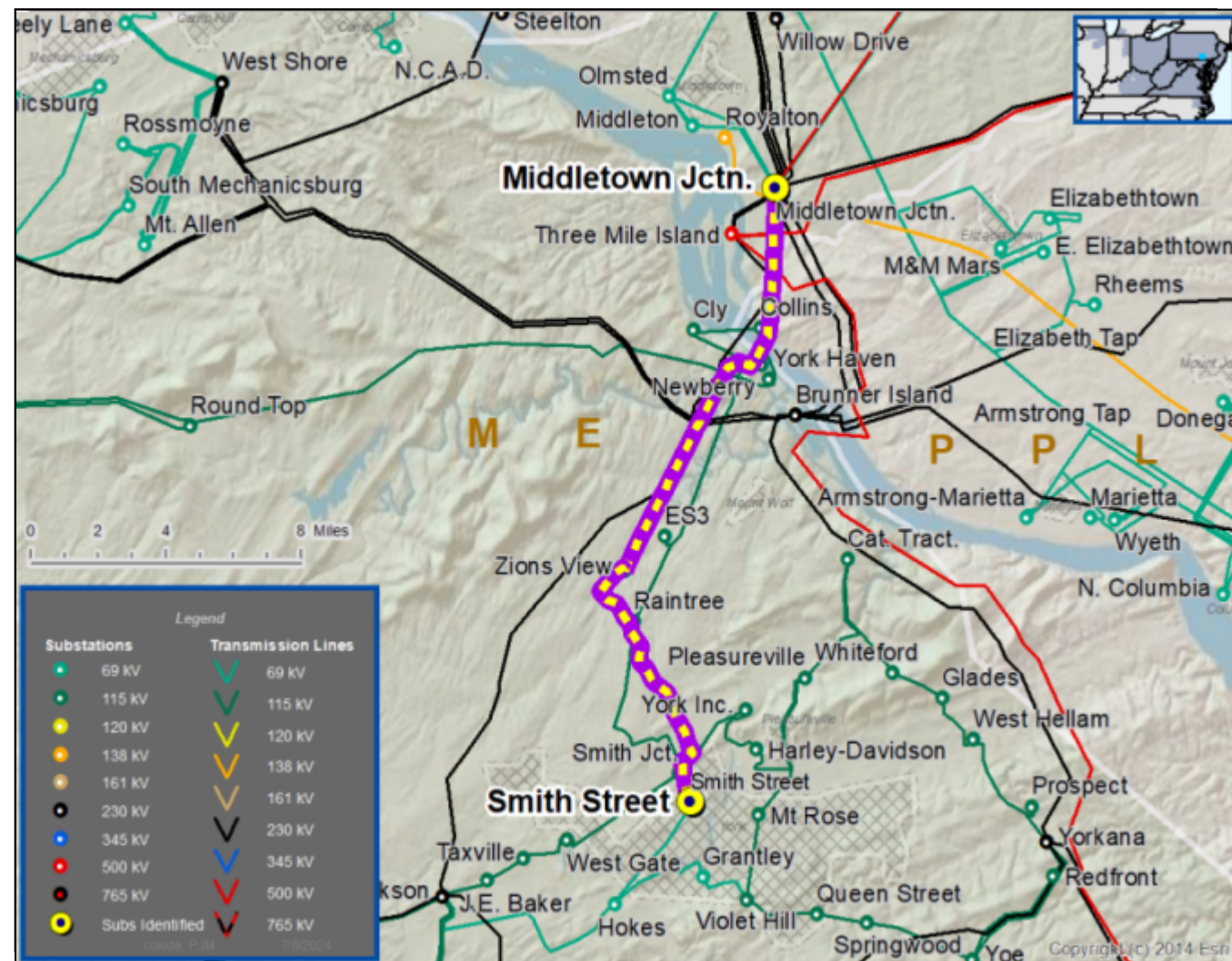
Specific Assumption Reference(s)

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 – A customer requested a new 115 kV delivery point near the Cly – Smith Street 115 kV Line. The anticipated load of the new customer connection is 22 MVA.

Requested in-service date is 11/24/2025





Cly – Smith Street 115 kV 978 Line Customer Connection

Need Number: ME-2024-017
Process Stage: Solution Meeting – 6/12/2025

Proposed Solution:

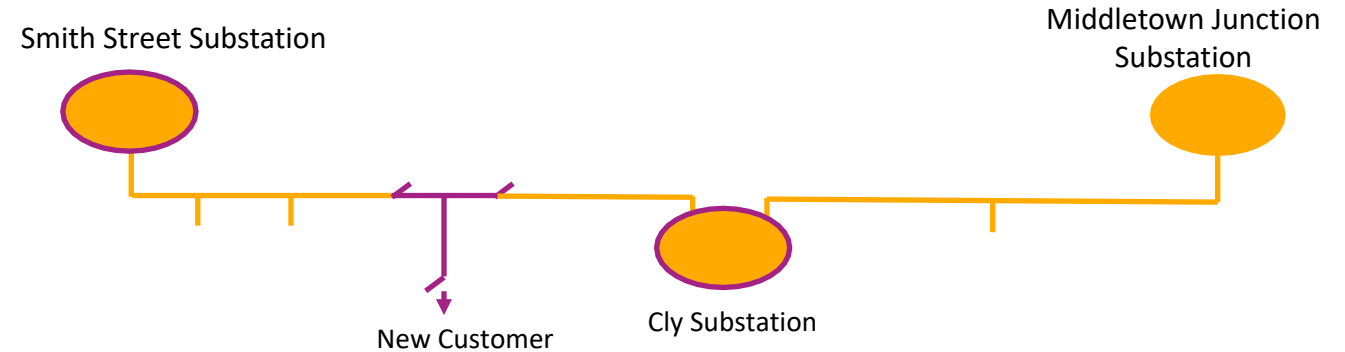
115 kV Transmission Line Tap

- Tap the Cly – Smith Street 978 115 kV Line
- Extend tap line approximately 0.4 miles from tap point to customer
- Add three SCADA controlled switches
- Install one 115 kV revenue metering package at customer substation
- Modify relay settings at Smith Street and Cly substations

Alternatives Considered:

- There were no feasible alternatives considered due to the customer's proximity to the Cly – Smith Street (future Willis Road) 978 115 kV Line

Estimated Project Cost: \$4.71
Projected In-Service: 5/1/2028
Status: Conceptual
Model: 2024 RTEP model for 2029 Summer (50/50)



Legend	
500 kV	
345 kV	
115 kV	
69 kV	
34.5 kV	
23 kV	
New	

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

06/02/2025 – V1 – Original version posted to pjm.com