

Submission of Supplemental Projects for Inclusion in the Local Plan

Met-Ed Transmission Zone M-3 Process

Middletown Junction-Smith Street #1 115 kV New Customer

Need Number: ME-2023-005

Process Stage: Submission of Supplemental Projects for Inclusion in the Local Plan

Previously Presented: Need Meeting – 5/18/2023
Solution Meeting – 07/20/2023

Project Driver(s):

Customer Service

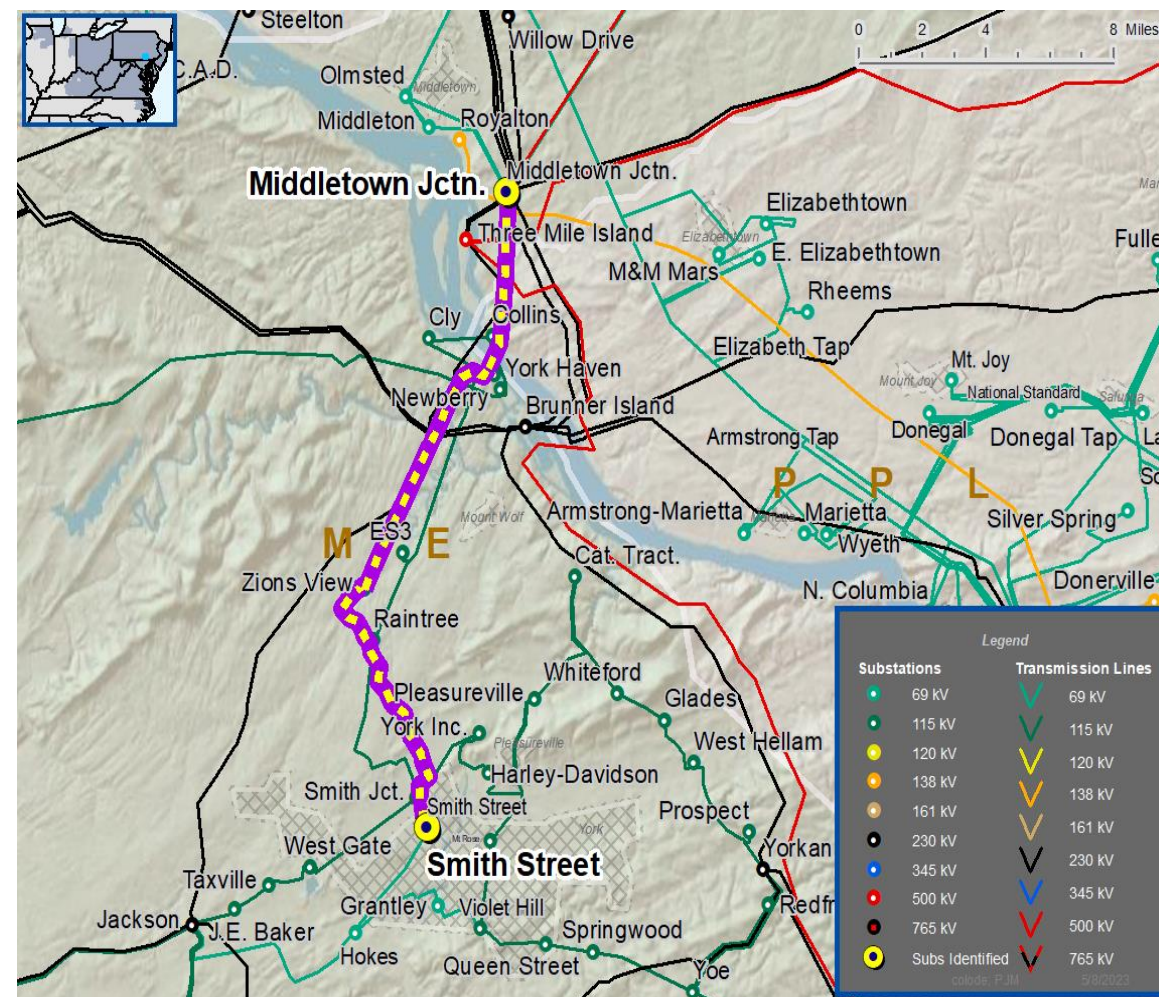
Specific Assumption Reference(s)

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 - has requested a new 115 kV delivery point near the Middletown Junction-Smith Street #1 115 kV line. The anticipated load of the new customer connection is 12 MVA.

Requested in-service date is 05/31/2024.





Met-Ed Transmission Zone M-3 Process

Middletown Junction-Smith Street #1 kV New Customer- Solution

Need Number: ME-2023-005
Process Stage: Submission of Supplemental Projects for Inclusion in the Local Plan

Selected Solution:

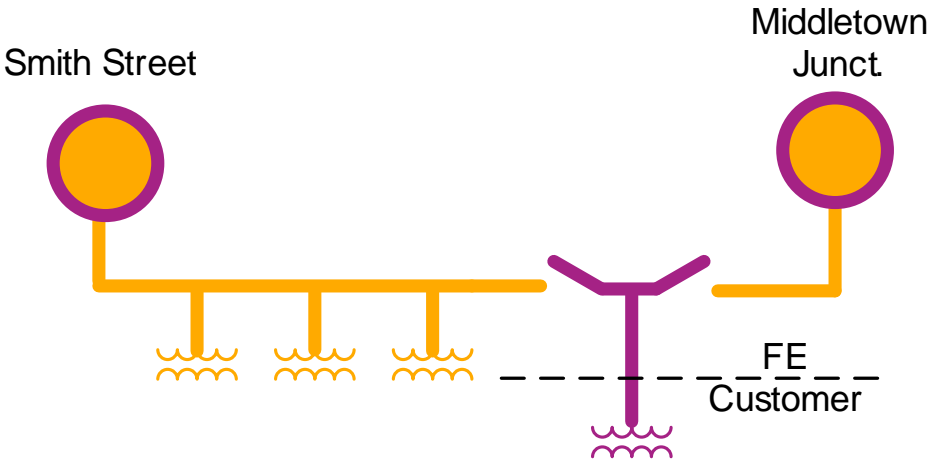
115 kV Transmission Line Tap

- Install three SCADA controlled transmission line switches
- Construct approximately 0.2 miles of transmission line using 556 ACSR 26/7 from tap point to customer substation
- Install one 115 kV revenue metering package at customer substation
- Modify relay settings at Middletown Junction and Smith Street substations

Estimated Project Cost: \$4.9M

Projected In-Service: 7/3/2024

Supplemental Project ID: s3017



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

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

1/3/2024 – V1 – s3017 added to Local Plan