

Submission of Supplemental Projects for Inclusion in the Local Plan

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

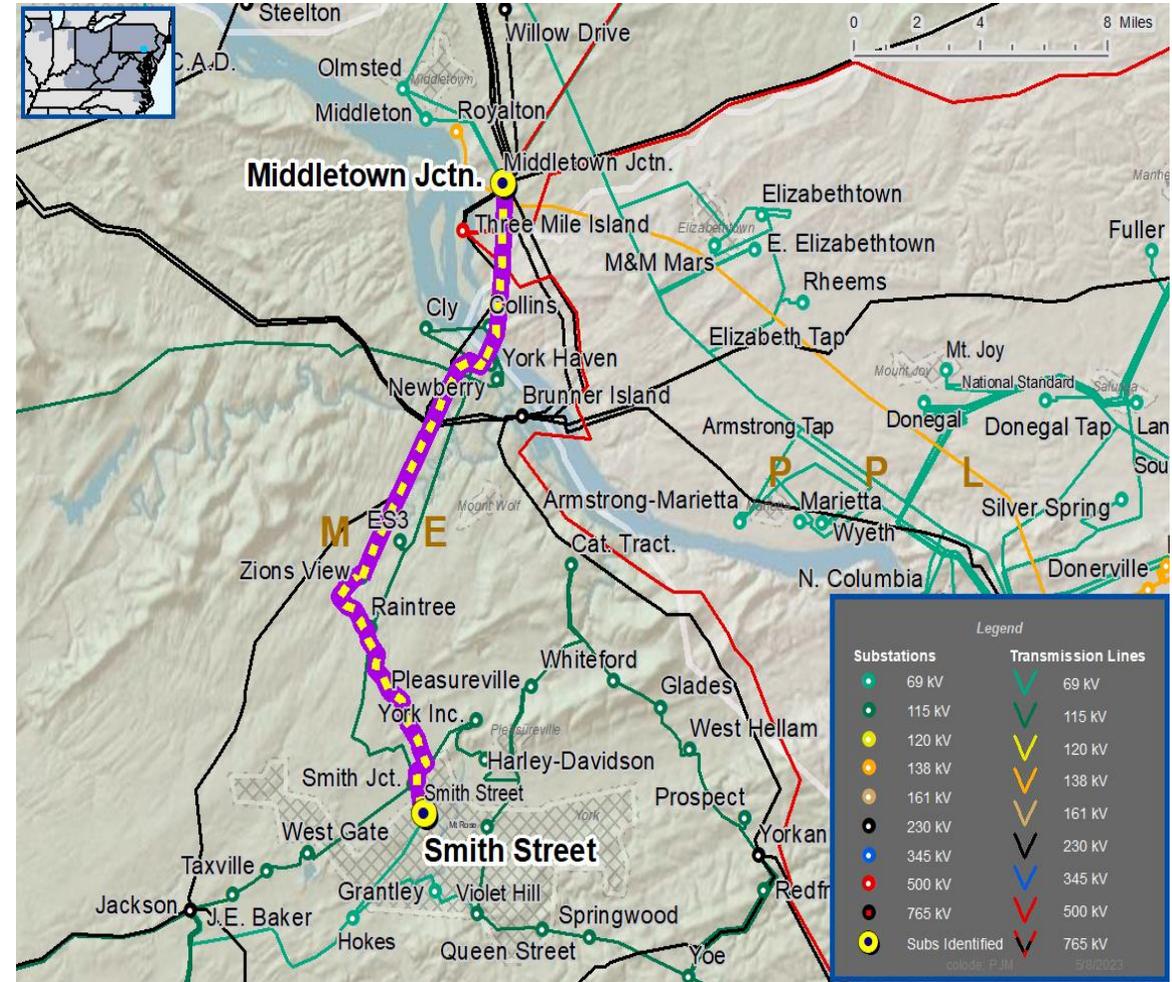
Specific Assumption Reference(s)

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

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Selected Solution:

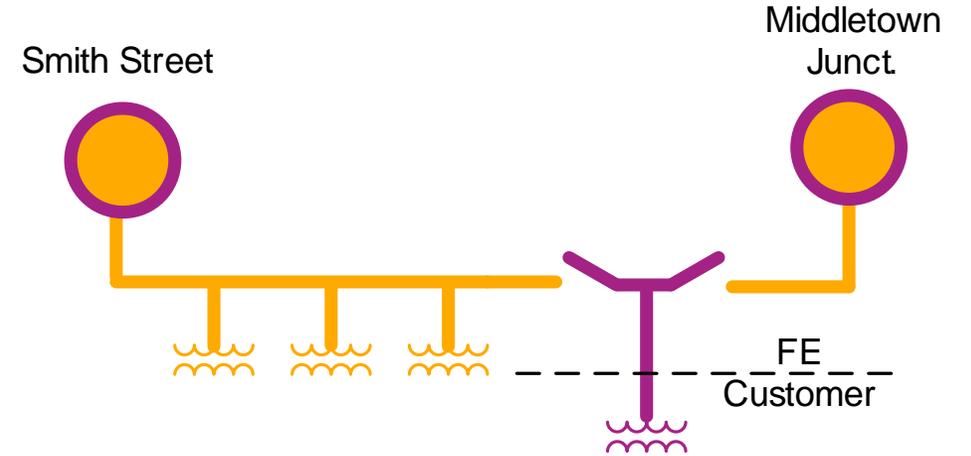
115 kV Transmission Line Tap

- 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