

Subregional RTEP Committee – Mid-Atlantic FirstEnergy (MetEd) Supplemental Projects

May 18, 2023

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

MetEd Transmission Zone M-3 Process

Middletown Junction-Smith Street #1 115 kV New Customer

Need Number: ME-2023-005

Process Stage: Need Meeting – 5/18/2023

Project Driver(s):

Customer Service

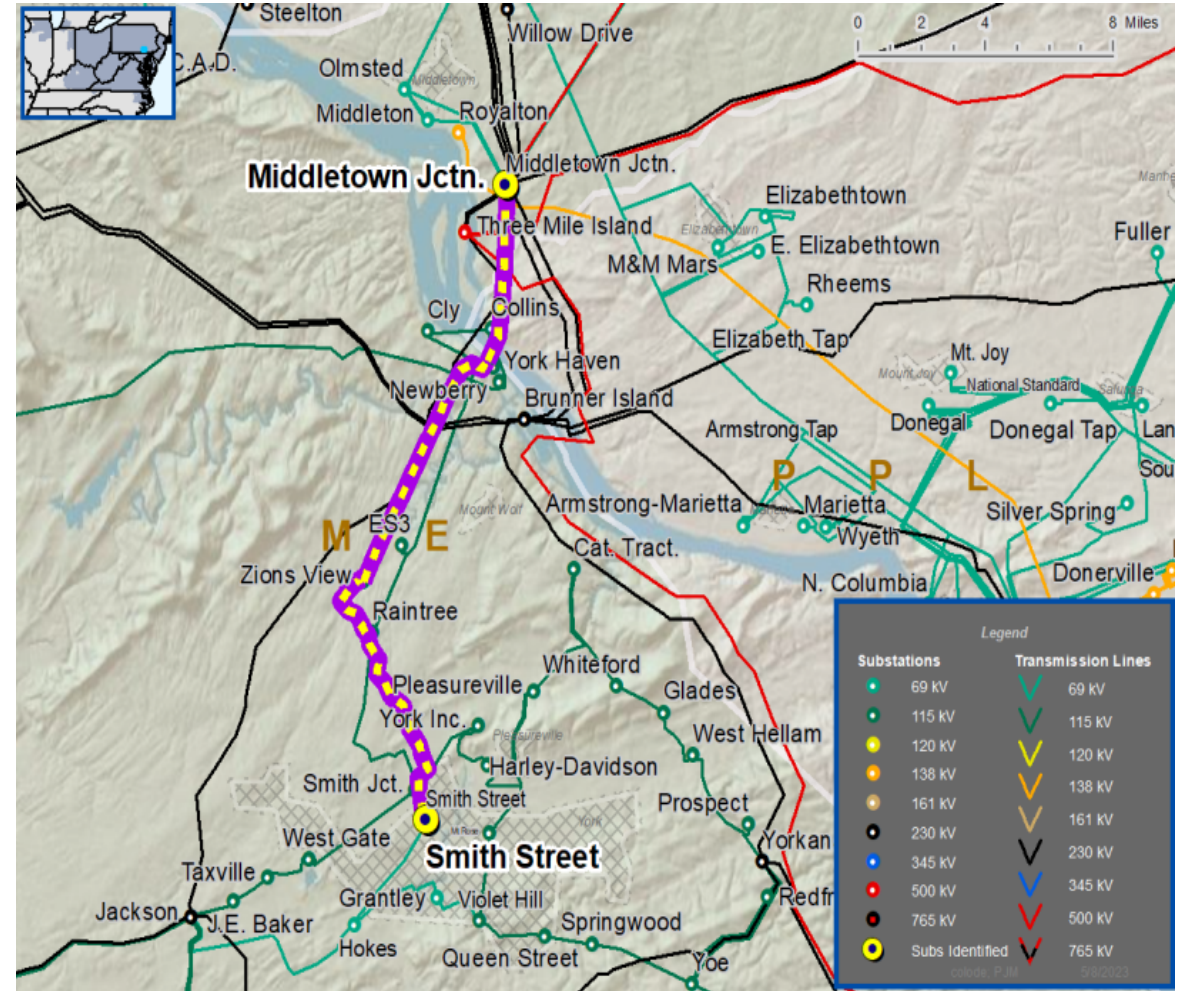
Specific Assumption Reference(s)

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.



Need Number: ME-2023-006

Process Stage: Need Meeting – 5/18/2023

Project Driver(s):

Customer Service

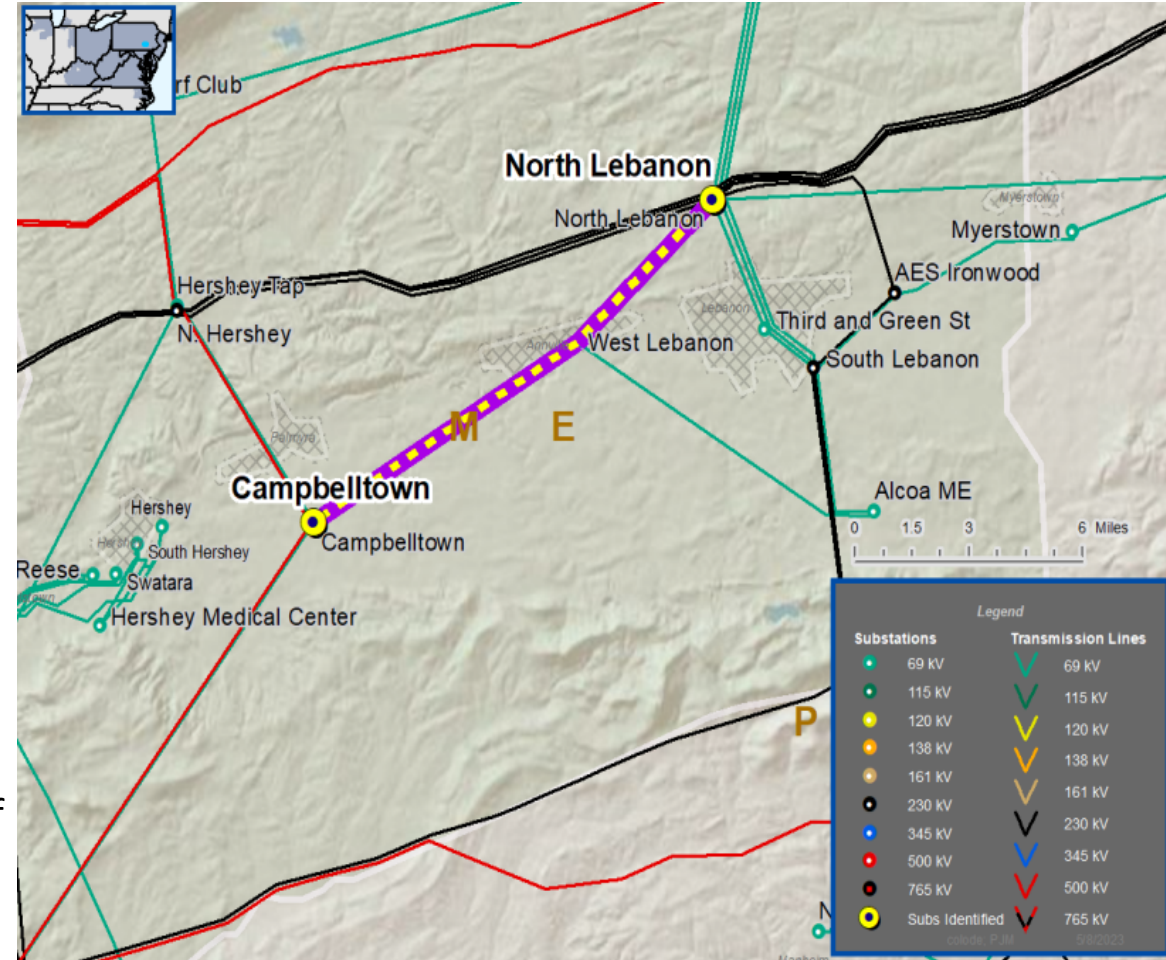
Specific Assumption Reference(s)

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 69 kV delivery point near the Campbelltown-North Lebanon 69 kV line. The anticipated load of the new customer connection is 5 MVA.

Requested in-service date is 06/28/2024



MetEd Transmission Zone M-3 Process North Lebanon – Fredericksburg 69 kV Line

Need Number: ME-2023-007

Process Stage: Need Meeting 05/18/2023

Project Driver:

Performance and Risk, Operational Flexibility and Efficiency

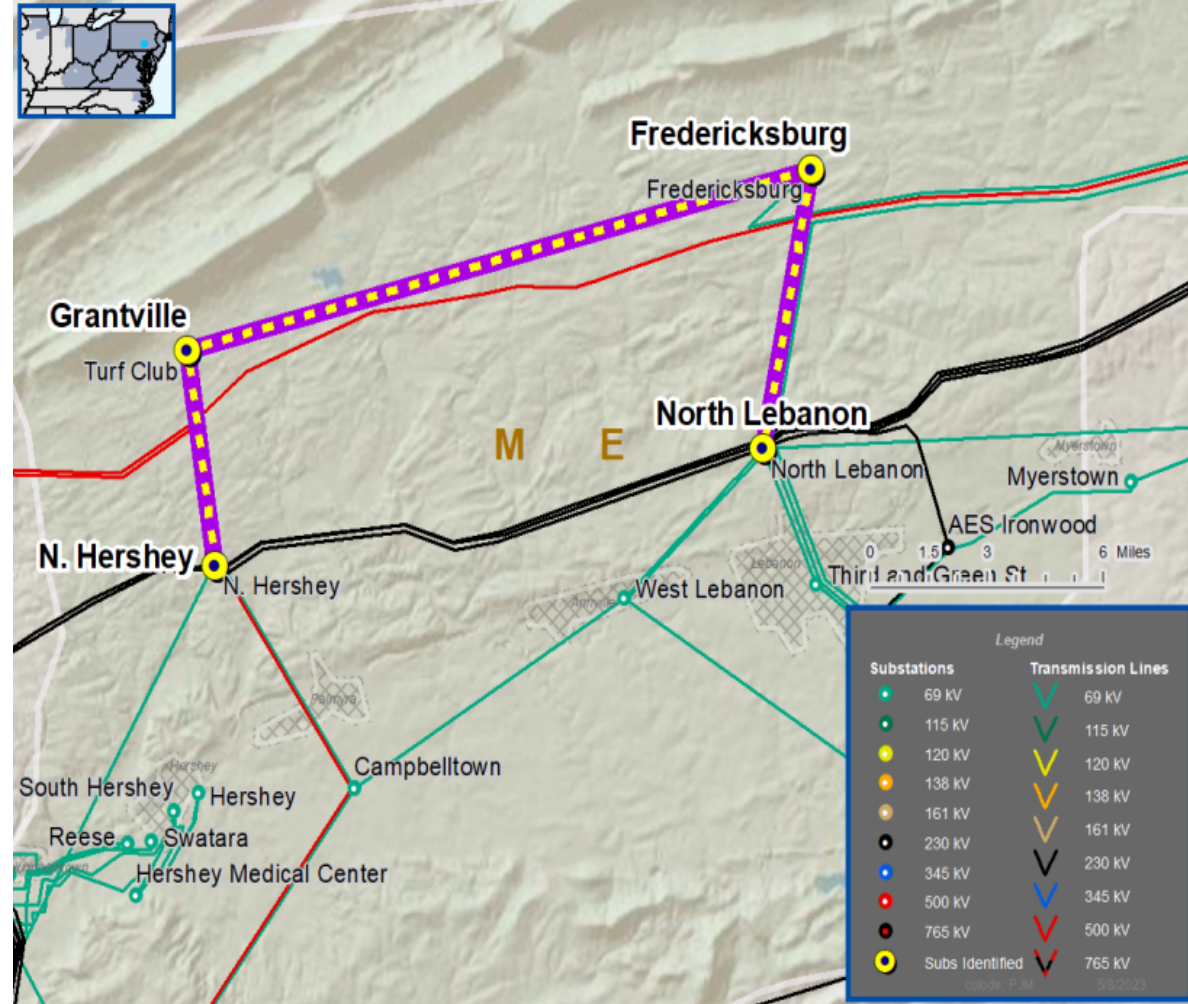
Specific Assumption Reference:

System Performance Projects

- System reliability and performance
- Load at risk in planning and operational scenarios

Problem Statement:

An N-1-1 outage of the North Hershey – Grantville 69 kV Line and the North Lebanon – Fredericksburg 69 kV Line may result in a potential voltage collapse impacting 80 MW of load and over 10,500 customers.



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

5/8/2023 – V1 – Original version posted to pjm.com