

Subregional RTEP Committee – Mid-Atlantic

Met-Ed Supplemental Projects

June 28, 2019



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

Met-Ed Transmission Zone M-3 Process New Customer Connection

Need Number: ME-2019-053

Process State: Need Meeting 6/28/2019

Project Driver:

Customer Service

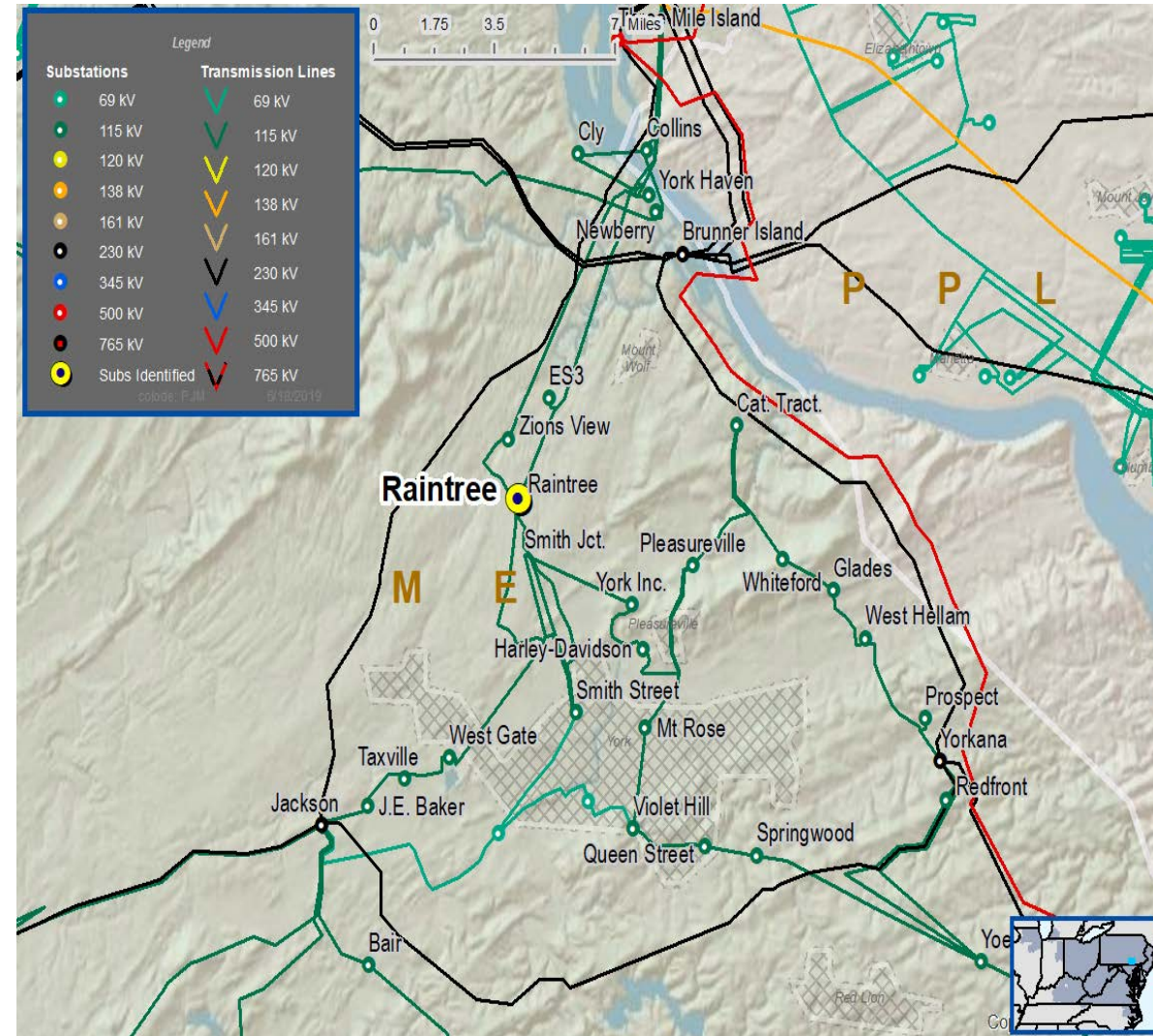
Specific Assumption Reference:

Customer 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 115 kV service; anticipated load is 28 MVA; location is near the Raintree 115 kV substation

Requested in-service date is 6/1/2020



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

Met-Ed Transmission Zone M-3 Process

New Customer Connection

Need Number: ME-2019-038

Process State: Solutions Meeting 6/28/2019

Previously Presented:

Needs Meeting 5/31/2019

Project Driver:

Customer Service

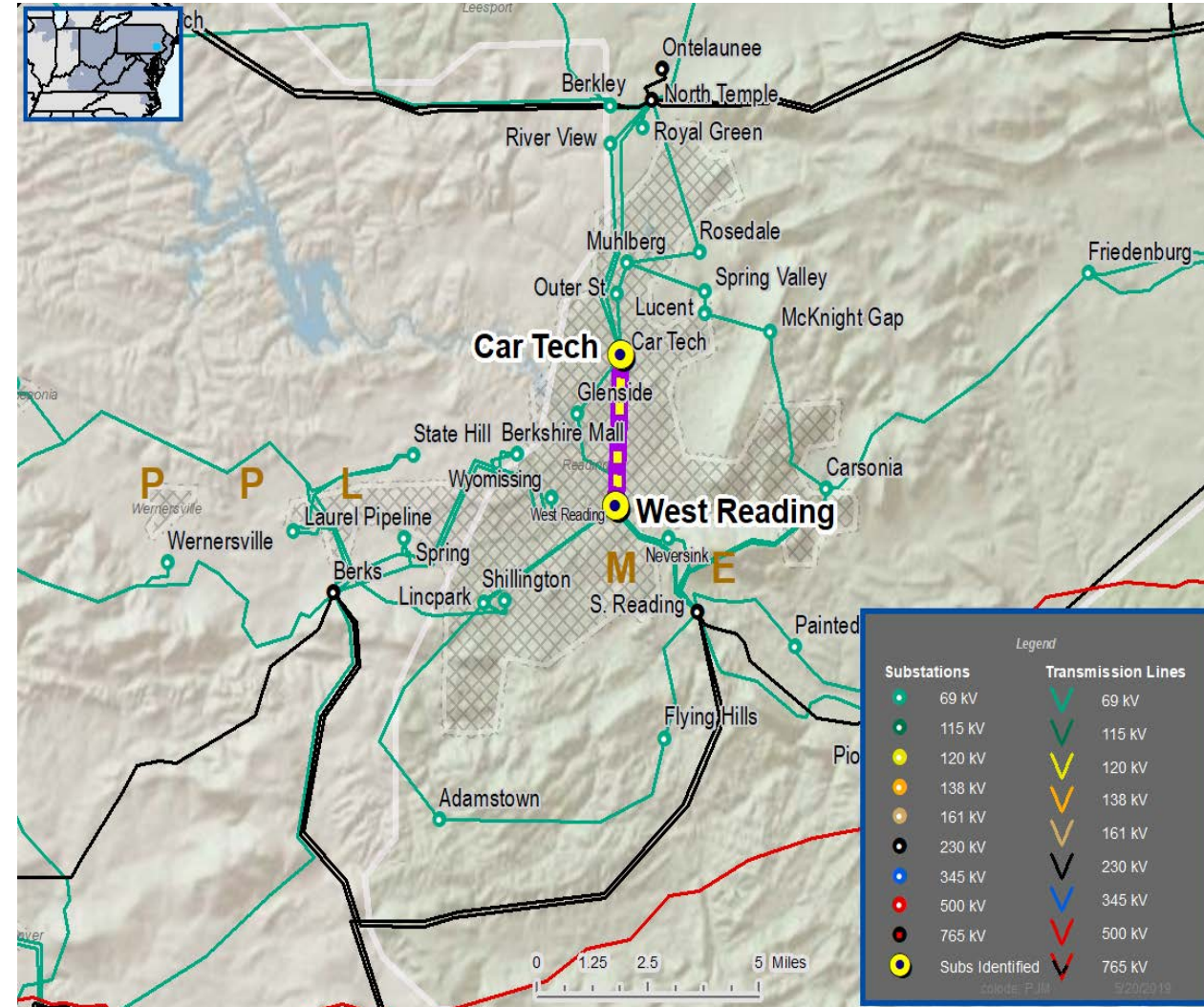
Specific Assumption Reference:

Customer 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 69 kV service; anticipated load is 22 MVA; location is near the Carpenter Technology-West Reading 69 kV line.

Requested in-service date is 10/1/2019



Met-Ed Transmission Zone M-3 Process New Customer Connection

Need Number: ME-2019-038

Process State: Solutions Meeting 6/28/2019

Proposed Solution:

- Tap the Carpenter Technology-West Reading 69 kV line
- Install three 69 kV switches
- Construct ~2 spans of 69 kV to customer substation

Cost: \$0.8 M

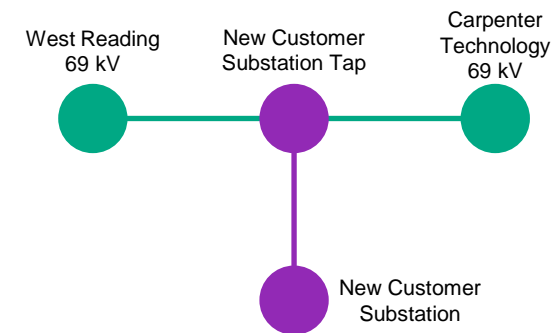
Alternatives Considered:

Maintain existing condition and elevated risk of failure

Projected In-Service: 10/1/2019

Project Status: Conceptual

Model: 2018 Series 2023 Summer RTEP 50/50



Legend	
500 kV	
345 kV	
230 kV	
138 kV	
69 kV	
46 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

6/18/2019 – V1 – Original version posted to pjm.com

6/25/2019 – V2 - Updated footers for all pages