

# Subregional RTEP Committee – Western FirstEnergy Supplemental Projects

May 19, 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

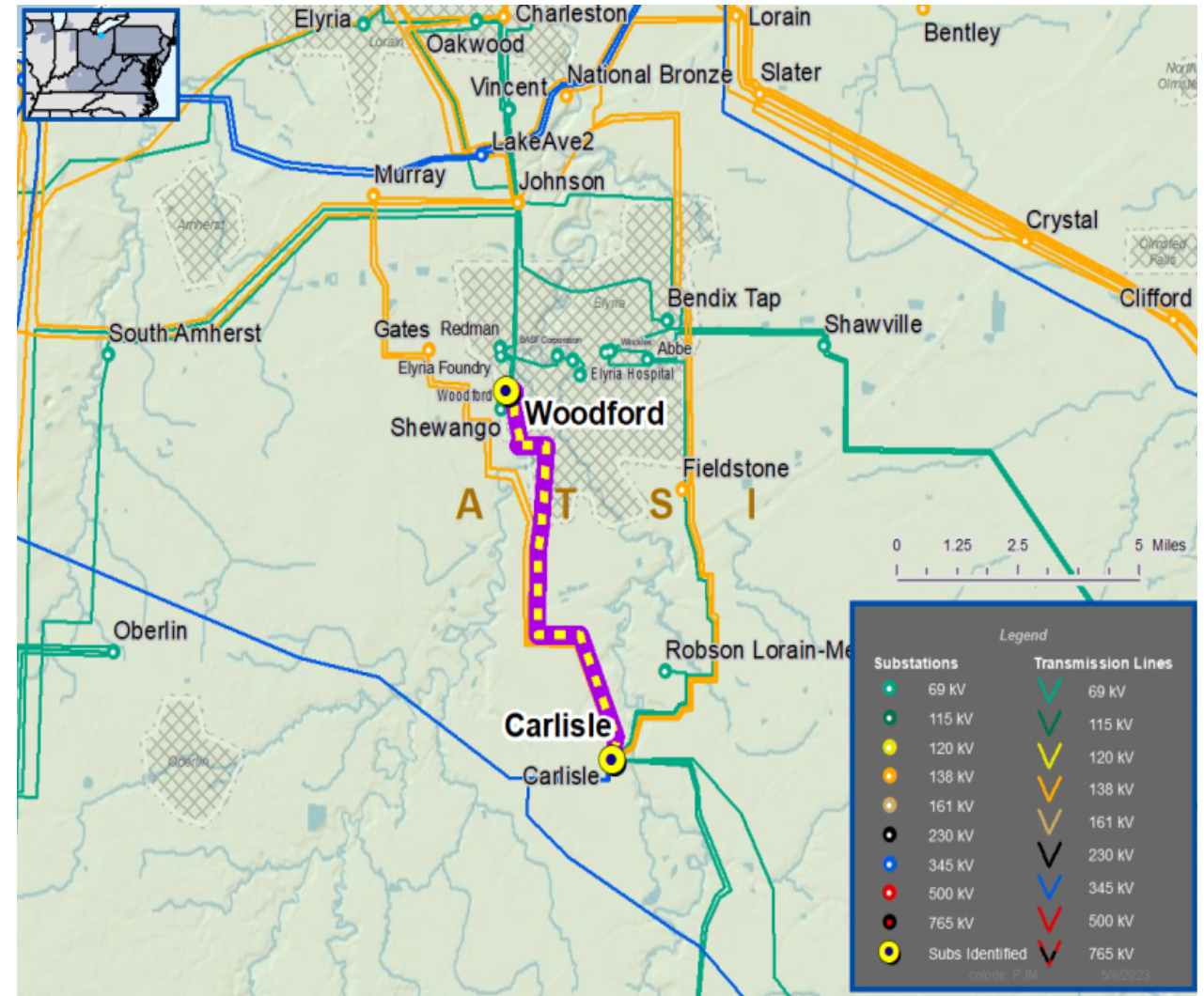
**Need Number:** ATSI-2023-005  
**Process Stage:** Need Meeting – 05/19/2023

**Supplemental 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**  
 Customer Connection – Customer is requesting to reconnect service at an existing 69 kV delivery point on the Carlisle – Woodford 69 kV Line. The anticipated load of the new customer connection is 6 MVA.

**Requested In-Service Date:** 11/17/23



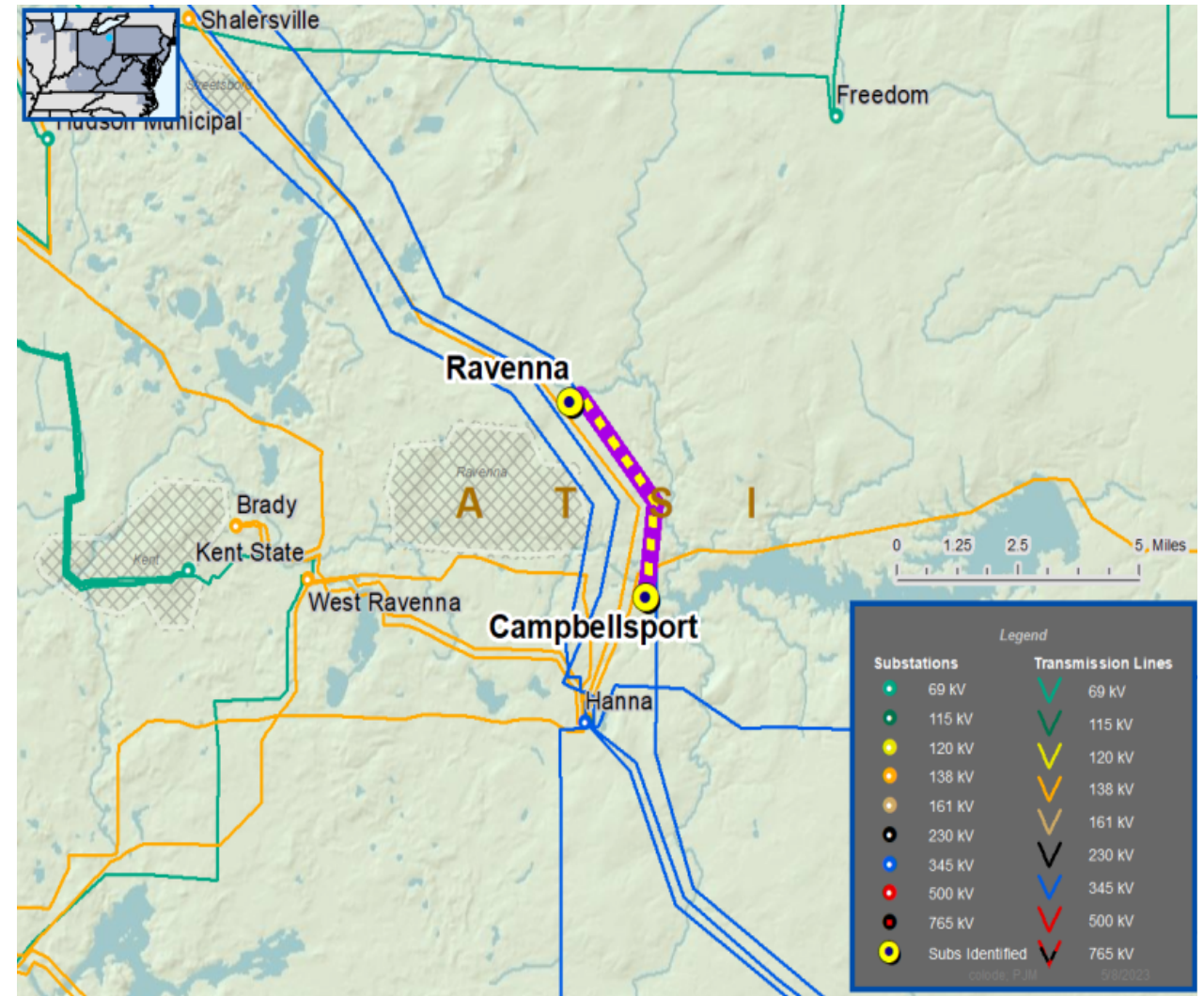
**Need Number:** ATSI-2023-006  
**Process Stage:** Need Meeting – 05/19/2023

**Supplemental 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 – Customer requested 69 kV transmission service for approximately 9.6 MVA of total load near the Campbellsport – Ravenna No 1 69 kV Line.

**Requested In-Service Date:** 4/28/24



# Solution

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:** ATSI-2023-001  
**Process Stage:** Solution Meeting – 05/19/2023  
**Previously Presented:** Need Meeting – 3/17/2023

**Project Driver(s):**  
*Customer Service*

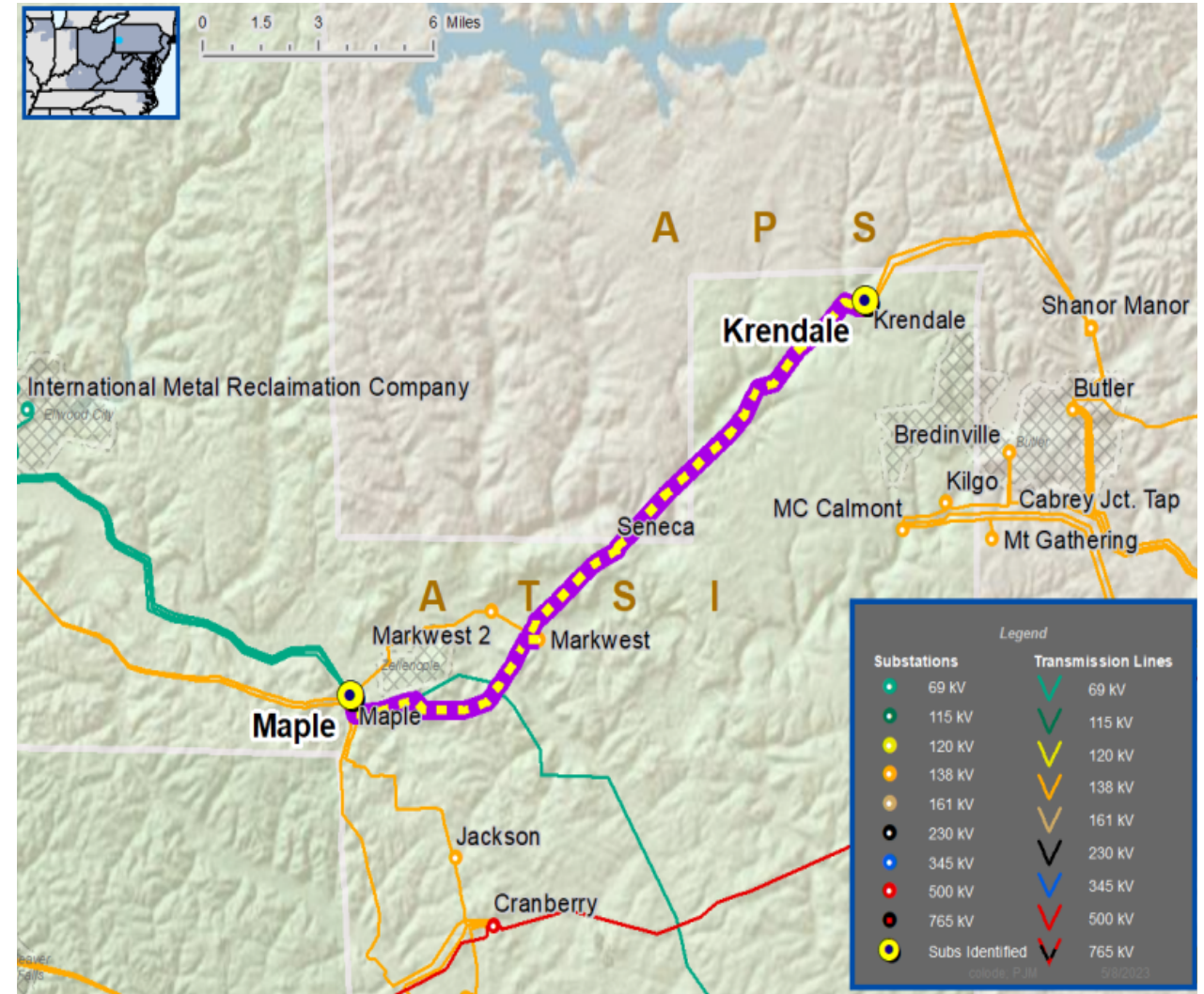
**Specific Assumption Reference(s)**

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 - Penn Power Distribution has requested a new 138 kV delivery point near the Krendale-Maple 138 kV line. The anticipated load of the new customer connection is 11 MVA.

Requested in-service date is 06/01/2024.



**Need Number:** ATSI-2023-001  
**Process Stage:** Solution Meeting – 05/19/2023  
**Previously Presented:** Need Meeting – 3/17/2023

**Proposed Solution:**

**138 kV Transmission Line Tap**

- Install three SCADA controlled transmission line switches
- Construct 0.1 miles of 954 ACSR 48/7 transmission line
- Adjust relay settings at Maple substation
- Install tie line interchange revenue metering at Krendale

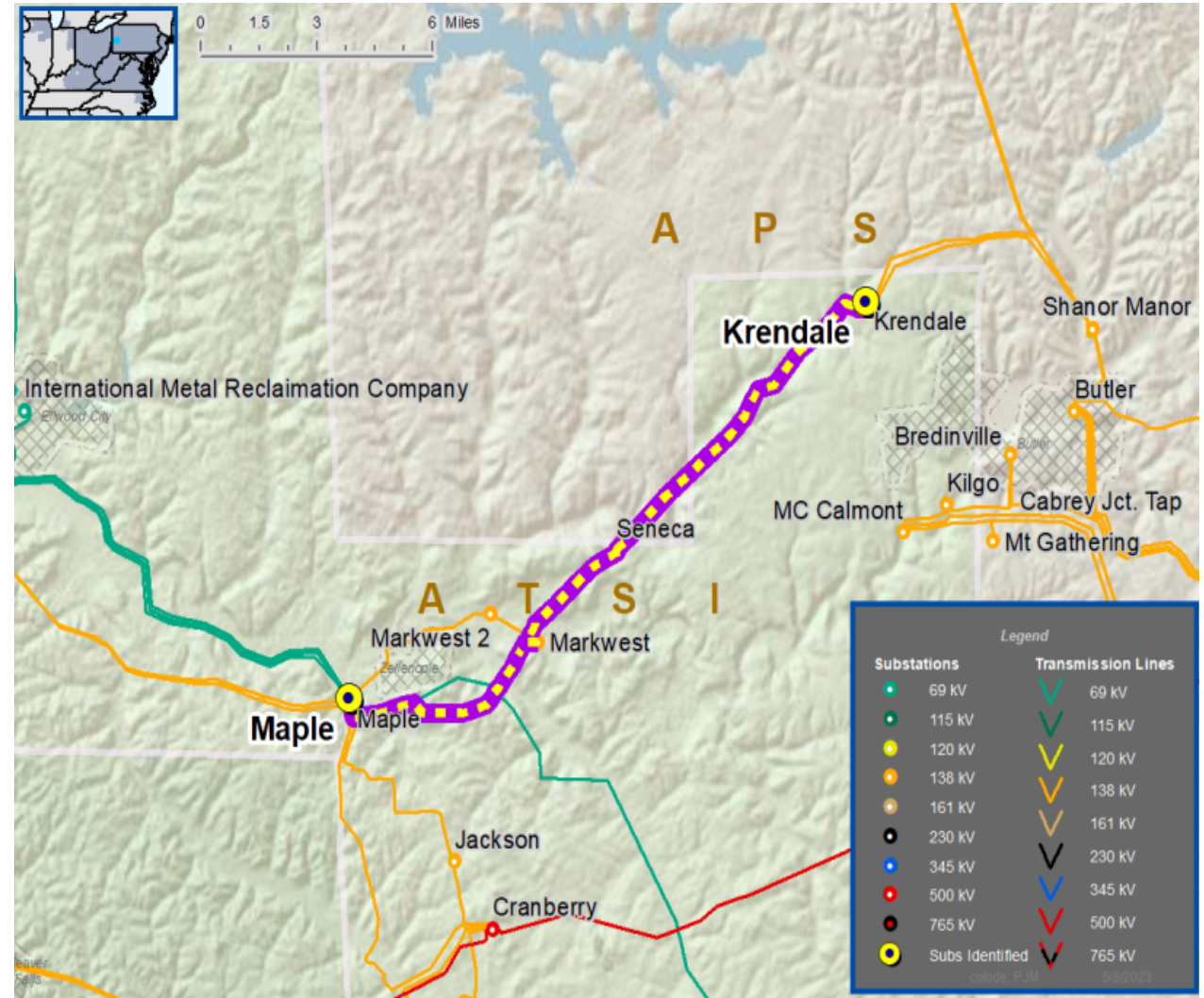
**Alternatives Considered:**

- No feasible alternatives to meet customer’s request

**Estimated Project Cost:** \$1.7M

**Projected In-Service:** 06/01/2024

**Status:** Engineering



**Need Number:** ATSI-2023-004  
**Process Stage:** Solution Meeting – 05/19/2023  
**Previously Presented:** Need Meeting – 3/17/2023

**Project Driver(s):**  
*Customer Service*

**Specific Assumption Reference(s)**

Customer connection request will be evaluated per FirstEnergy’s “Requirements for Transmission Connected Facilities” document and “Transmission Planning Criteria” document.

**Problem Statement**

Modified Customer Connection – Ohio Edison Distribution has requested to provide a second 138 kV service to an existing delivery point served from the London-Tangy 138 kV line due to load growth in the area. The anticipated load is approximately 14 MVA.

Requested in-service date is 6/1/2024





**Need Number:** ATSI-2023-004  
**Process Stage:** Solution Meeting – 05/19/2023  
**Previously Presented:** Need Meeting – 3/17/2023

**Proposed Solution:**

**138 kV Transmission Line Tap**

- Install one SCADA controlled switch
- Relocate one existing main-line SCADA controlled switch
- Construct approximately 0.1 miles of 795 kcmil 26/7 ASCR transmission line
- Adjust relay settings at London and Tangy substations

**Alternatives Considered:**

- No feasible alternatives to meet customer’s request

**Estimated Project Cost:** \$0.8M

**Projected In-Service:** 06/01/2024

**Status:** Engineering



# 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/xx/2022– V1 – Original version posted to pjm.com