

Transmission Expansion Advisory Committee: AEP Supplemental Projects

August 5, 2025

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

AEP Transmission Zone M-3 Process Hanging Rock, OH

Need Number: AEP-2025-OH014

Process Stage: Need Meeting 08/05/2025

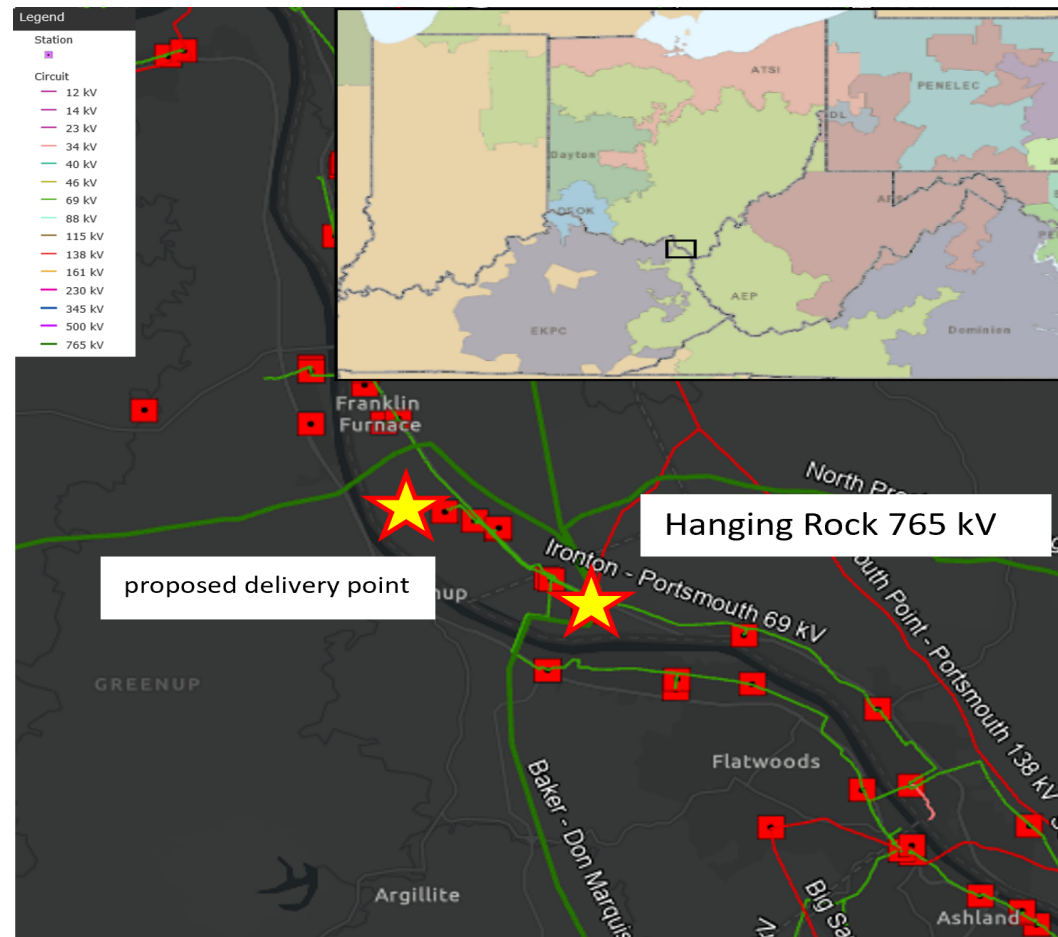
Project Driver: Customer Service

Specific Assumption References:

AEP Connection Requirements for the AEP Transmission System (AEP Assumptions Slide 12)

Problem Statement:

A Customer has requested 345 kV transmission service at a site near AEP's existing Hanging Rock station in Scioto County, OH. Peak demand at the delivery point will be 1000MW. Customer requested in-service date is 05/01/2029.



AEP Transmission Zone M-3 Process Muskingum River, OH

Need Number: AEP-2025-OH015

Process Stage: Need Meeting 08/05/2025

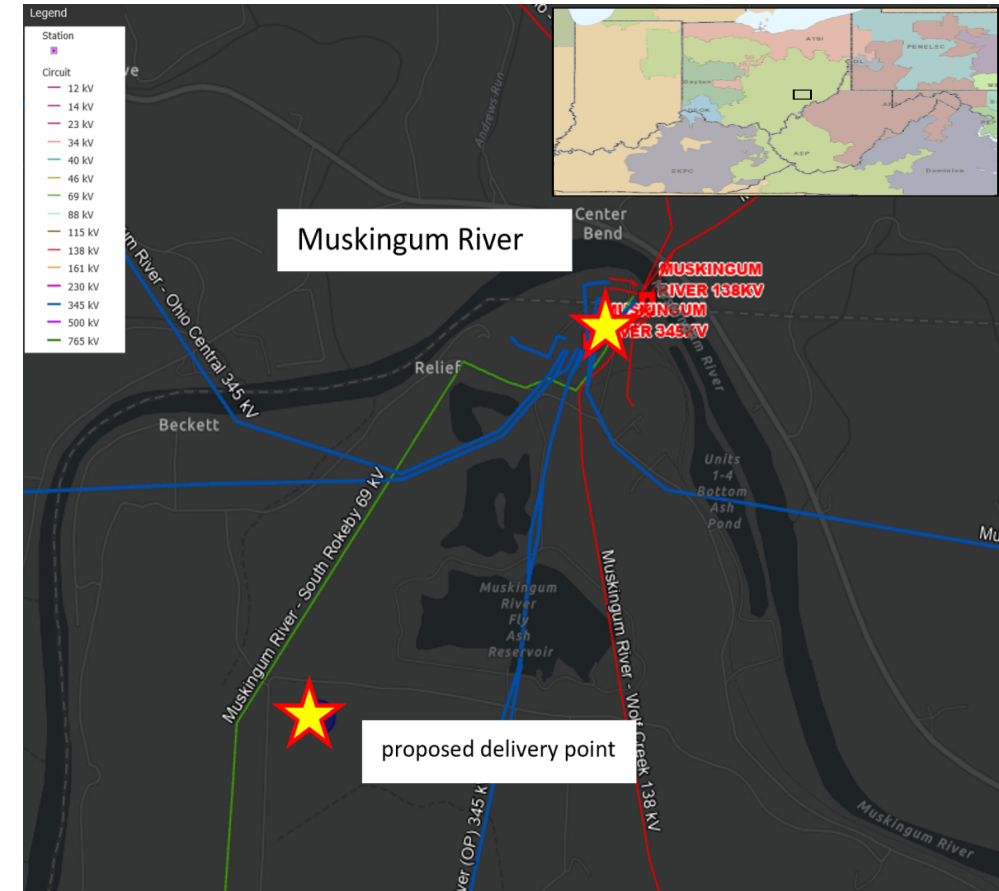
Project Driver: Customer Service

Specific Assumption References:

AEP Connection Requirements for the AEP Transmission System (AEP Assumptions Slide 12)

Problem Statement:

A Customer has requested 345 kV transmission service at a site near AEP's existing Muskingum station in Waterford, OH. Total demand to be served at the delivery point will be 1200MW. Customer requested in-service date of 11/1/2028.



Initial demand at the delivery point will be 500MW with the ultimate load ramp to 900MW. The customer has requested an initial in-service date of 12/31/2028.



AEP Transmission Zone M-3 Process E. Lima, OH/Fostoria Ctl, OH

Need Number: AEP-2025-OH018

Process Stage: Need Meeting 08/05/2025

Project Driver: Customer Service

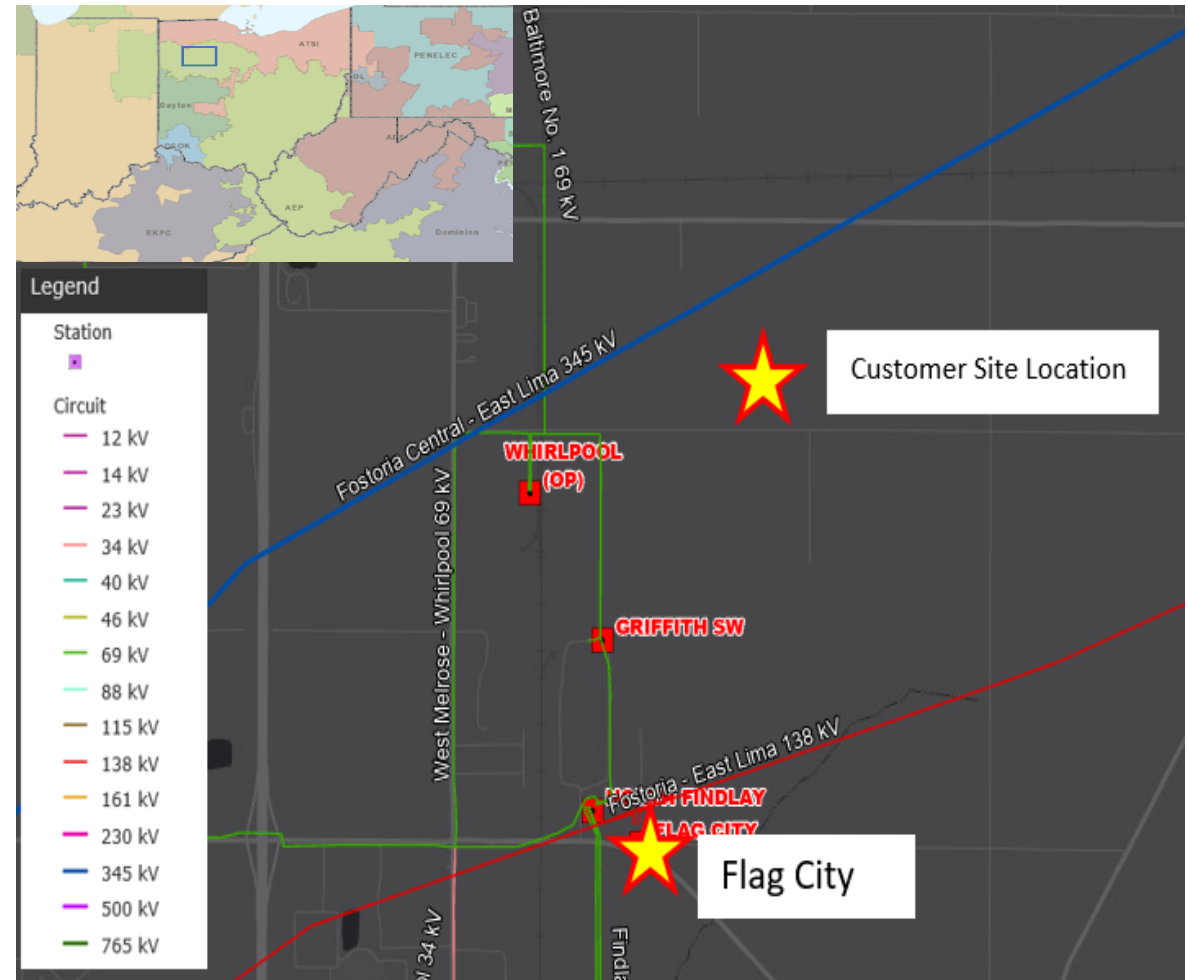
Specific Assumption References:

AEP Connection Requirements for the AEP Transmission System (AEP Assumptions Slide 12)

Problem Statement:

A Customer has requested new transmission service for 300 MW at a site near the East Lima-Fostoria Central 345 kV line in Findlay, OH.

The customer has requested an in-service date of 9/30/2028.



AEP Transmission Zone M-3 Process Maddox Creek, OH

Need Number: AEP-2025-OH019

Process Stage: Need Meeting 08/05/2025

Project Driver: Customer Service

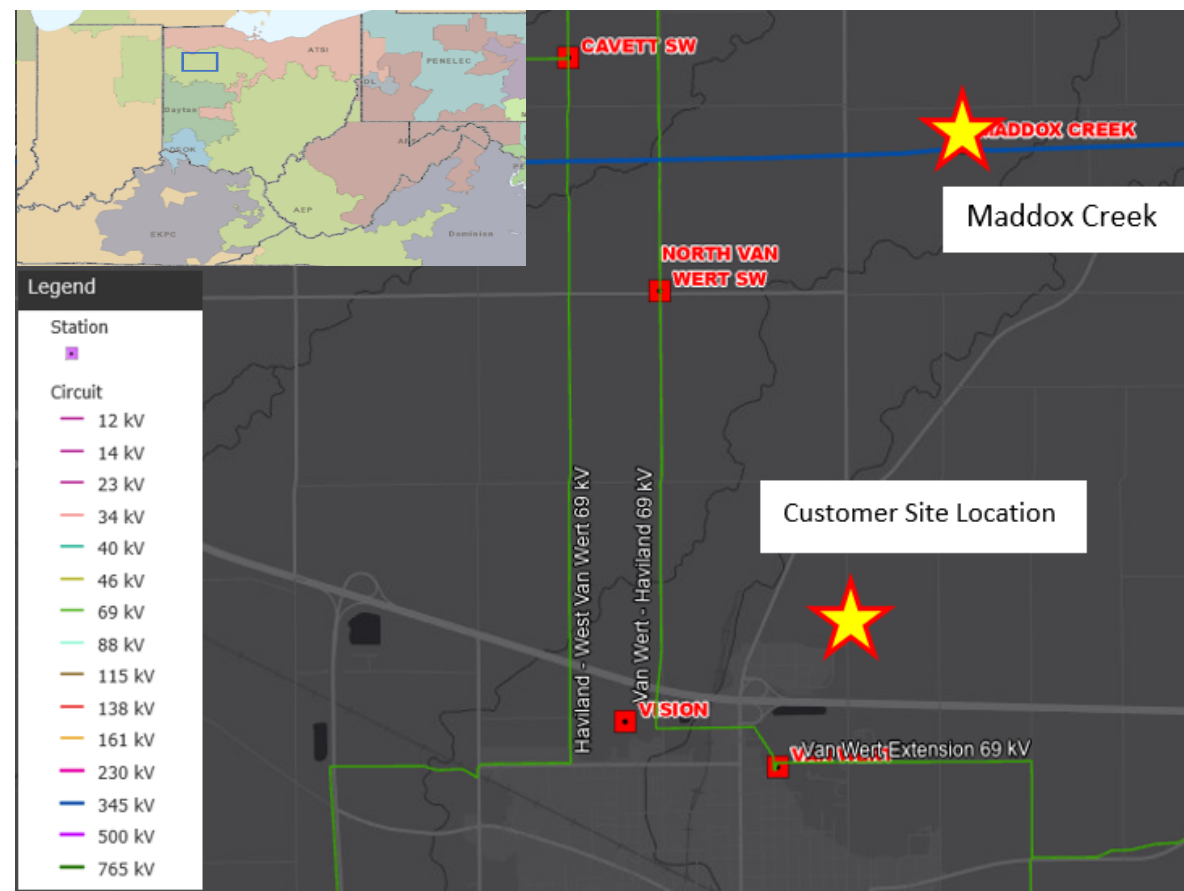
Specific Assumption References:

AEP Connection Requirements for the AEP Transmission System (AEP Assumptions Slide 12)

Problem Statement:

A Customer has requested 345 kV transmission service for 500 MW at a site south of AEP's existing Maddox Creek station in Van Wert, OH.

The customer has requested an in-service date of 12/31/2028.



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

7/25/2025 – V1 – Original version posted to pjm.com