

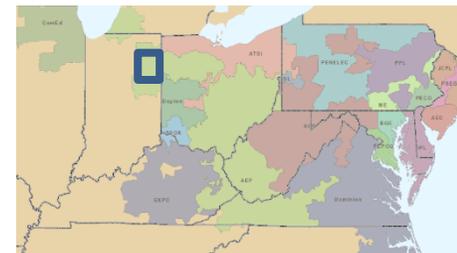
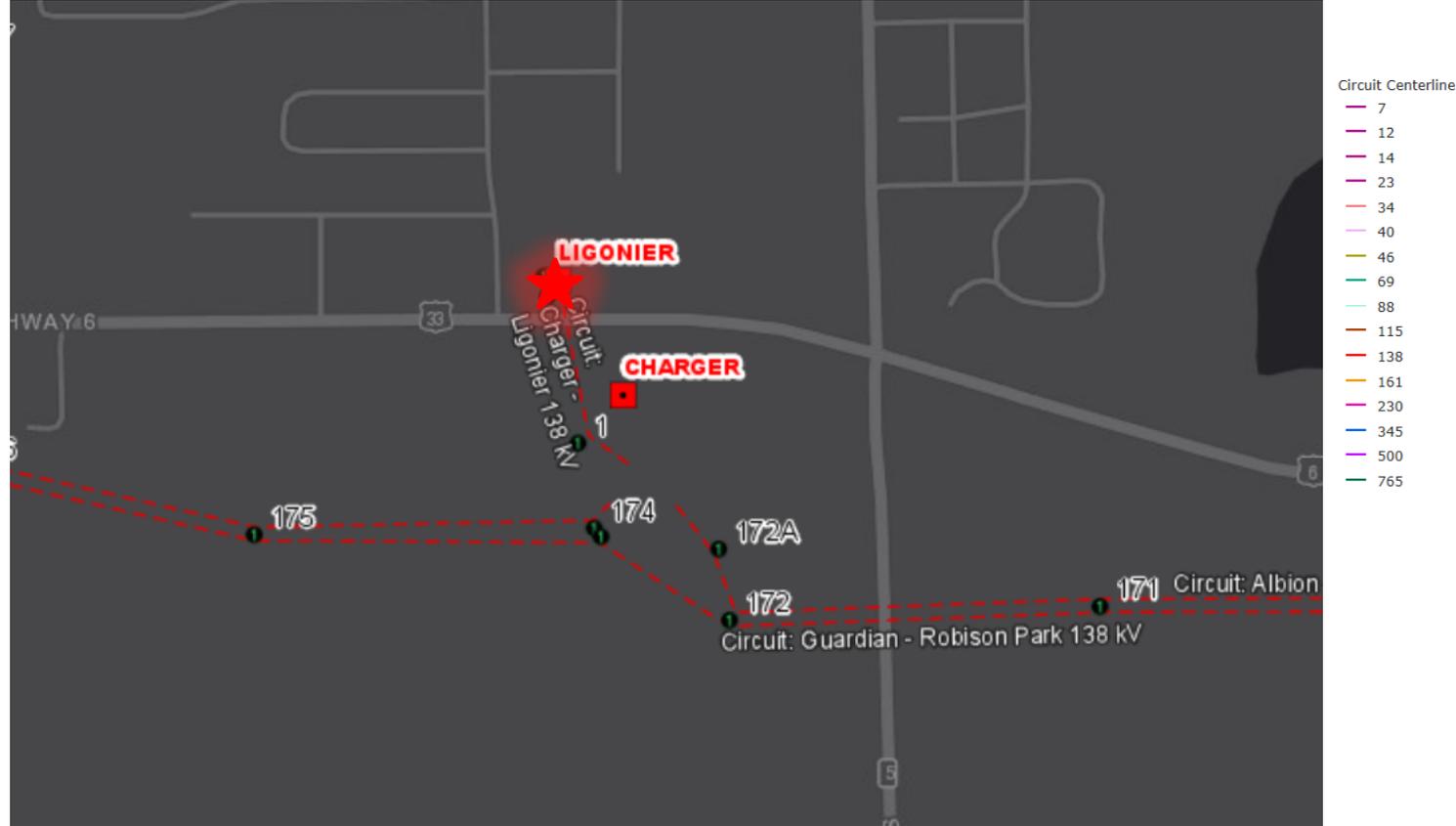
Western Sub Regional RTEP: AEP Supplemental Projects

April 19, 2024

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: AEP-2024-IM010
Process Stage: Needs Meeting: 04/19/2024
Supplemental Project Driver: Customer Need
Specific Assumption Reference: AEP Guidelines for Transmission Owner Identified Needs (AEP Assumptions Slide 12)
Model: 2028 RTEP
Problem Statement:
 I&M Distribution has requested to retire Ligonier station and to relocate the delivery point to Charger Station.
Requested ISD: 2026



AEP Transmission Zone M-3 Process New Albany, OH

Need Number: AEP-2024-OH030

Process Stage: Needs Meeting 4/19/2024

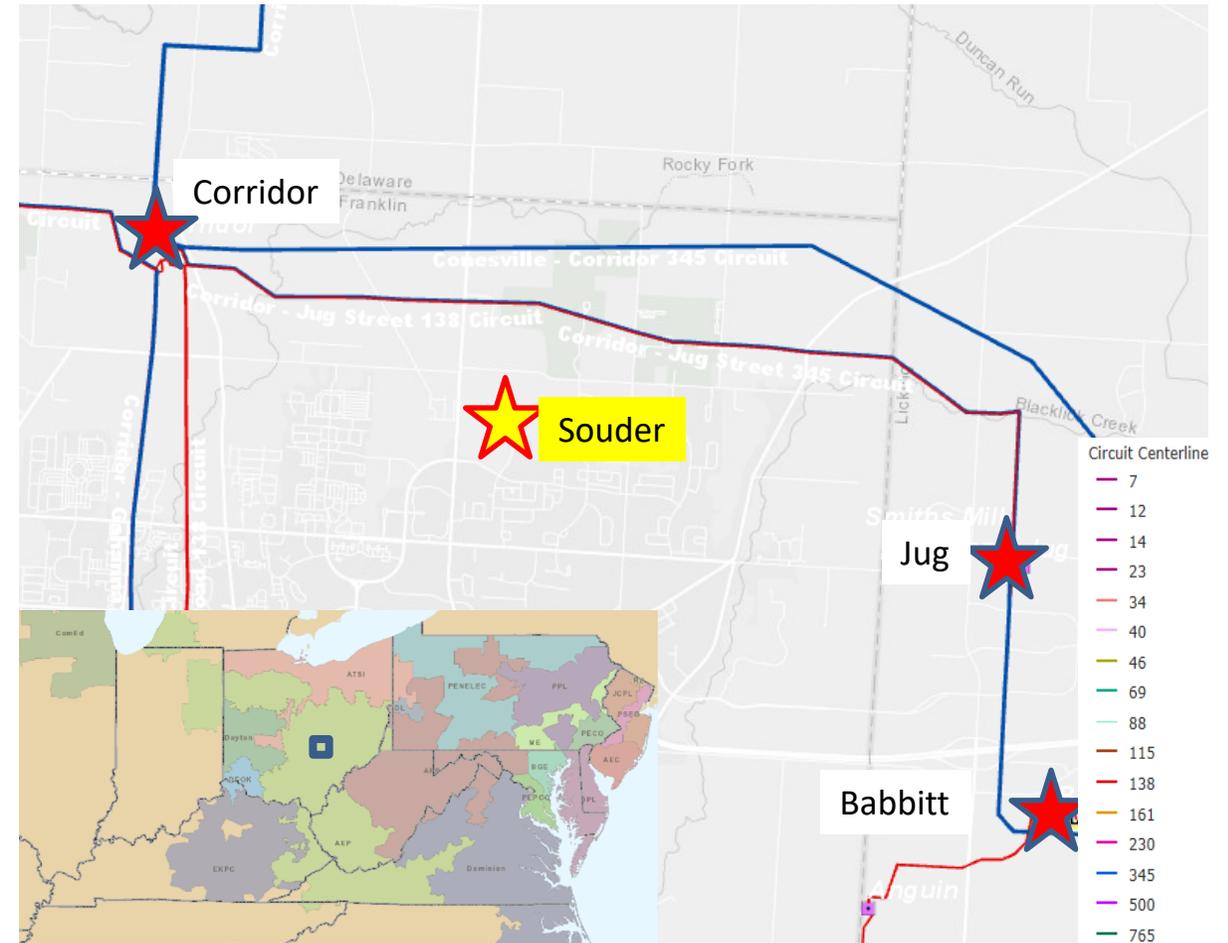
Supplemental Project Driver: Customer Service

Specific Assumption Reference: AEP Guidelines for Transmission Owner Identified Needs (AEP Assumptions Slide 8)

Problem Statement:

AEP Ohio is requesting additional distribution capacity at the proposed Souder station, with a total initial load expected to be at 51 MVA by June 2027 to ultimate load of 111 MVA by year 2030.

Model: N/A



Need Number: AEP-2024-OH033

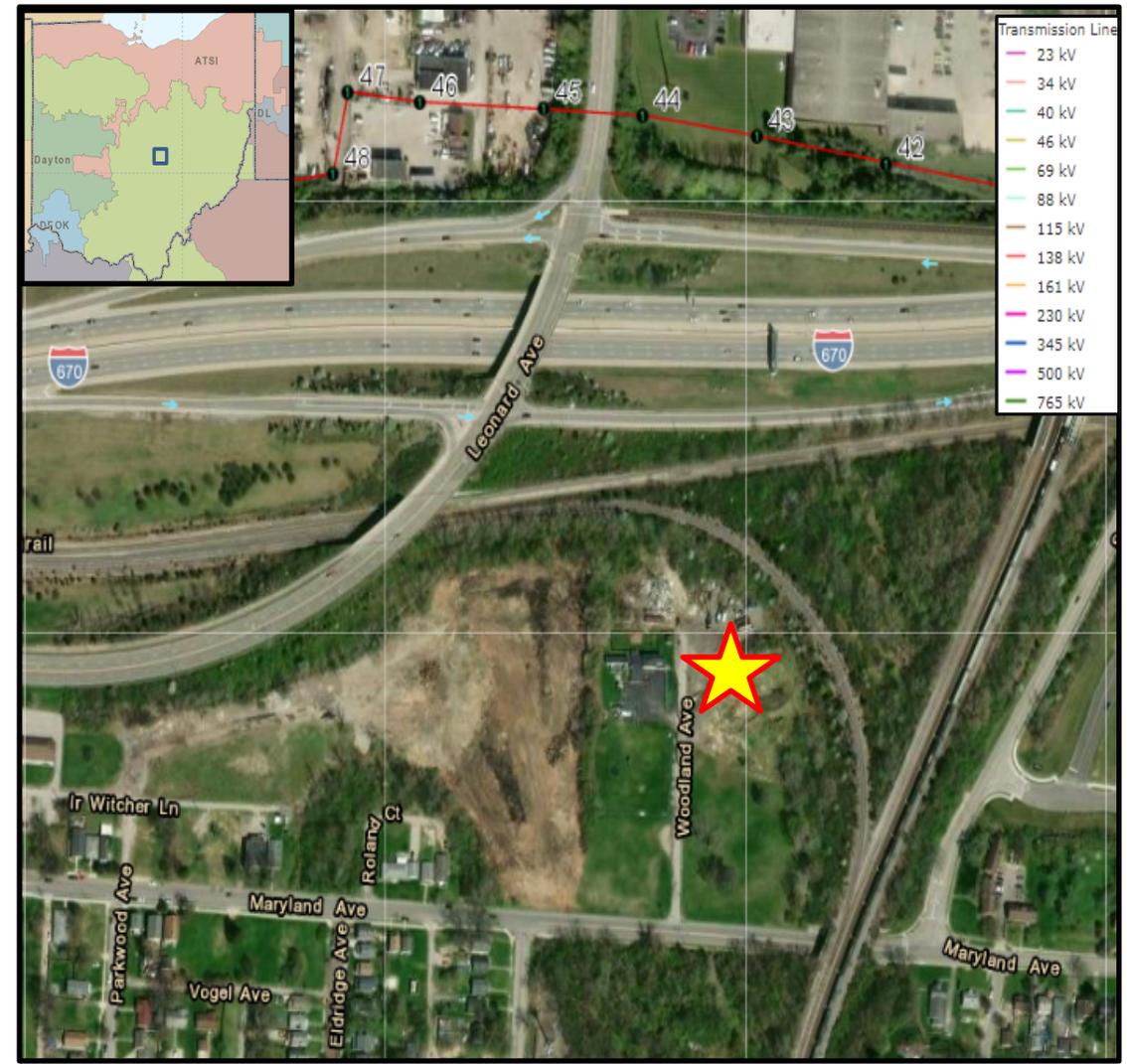
Process Stage: Need Meeting 04/19/2024

Project Driver: Customer Service

Specific Assumption Reference: AEP Guidelines for Transmission Owner Identified Needs (AEP Assumptions Slide 12)

Problem Statement:

- AEP Ohio is requesting a new 138 kV delivery point in Franklin County Ohio, just southeast of St. Clair and west of Bexley Station to support growth in the area. Initial load is anticipated to be approximately 18 MVA with a future projected load of approximately 23 MVA.
- The requested in-service date is November 2026.





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

4/9/2024– V1 – Original version posted to pjm.com