

Subregional RTEP Committee – AMPT Supplemental Projects



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



AMPT Transmission Zone M3 Process Bowling Green 3, OH

Need Number: AMPT-2025-003

Process Stage: Need Meeting 06/13/2025

Project Driver: Equipment Condition/Performance/Risk, Operational Flexibility and Efficiency

Specific Assumption References:

- AMPT's Transmission Facilities Interconnection Requirements document
- AMPT Transmission 2025 Local Planning Assumptions

Problem Statement:

Gypsy Lane's existing configuration allows for single contingencies to drop the entire station load. Additionally, both 69 kV lines exiting the substation are limited by terminal equipment. The Gypsy Lane transformers have highside switches that require significant prep work in order to get them to open properly and are in need of replacement.





AMPT Transmission Zone M3 Process Bowling Green 2, OH

Need Number: AMPT-2025-004

Process Stage: Need Meeting 06/13/2025

Project Driver: Equipment Condition/Performance/Risk, Infrastructure Resilience, Operational Flexibility and Efficiency

Specific Assumption References:

- AMPT's Transmission Facilities Interconnection Requirements document
- AMPT Transmission 2025 Local Planning Assumptions

Problem Statement:

The AMPT owned portion of the Poe Road - Tontogany 69 kV line is 250 MCM Copper overhead conductor, is approximately 60 years old and nearing its end of life. 30 of the 58 structures are 50-60 year old wood structures.





AMPT Transmission Zone M3 Process Niles Central, OH

Need Number: AMPT-2025-005

Process Stage: Need Meeting 06/13/2025

Project Driver: Equipment Condition/Performance/Risk, Operational Flexibility and Efficiency

Specific Assumption References:

- AMPT's Transmission Facilities Interconnection Requirements document
- AMPT Transmission 2025 Local Planning Assumptions

Problem Statement:

At AMPT's Niles Central 138 kV substation, a single breaker failure of the 138 kV tiebreaker results in the loss of all load within the Niles municipality. Existing legacy electromechanical relays are in need of replacement to reduce the risk of misoperations. The dead-end foundations for the 138 kV lines at Niles Central substation are corroding and at risk of failure.



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

Solutions

Submission of Supplemental Projects & Local Plan

Activity	Timing
TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
Stakeholder comments	10 days after Needs Meeting

Activity	Timing
TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
Stakeholder comments	10 days after Solutions Meeting

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

6/03/2025–V1 – Original version posted to pjm.com