

Sub Regional RTEP Committee: Western AMPT Supplemental Projects

March 19, 2022

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 Projects in ATSI Transmission Zone M3 Process City of Oberlin, Ohio

Need Number: AMPT-2022-003

Process Stage: Need Meeting

Supplemental Project Driver(s): Operational Flexibility & Efficiency

Specific Assumption Reference(s): Slide 8 of the AMPT 2022 Local Planning Assumptions.

Problem Statement:

The City of Oberlin is served via two ATSI 69 kV transmission lines (Oberlin - Shinrock and Henrietta – Oberlin). Although Shinrock and Henrietta are two separate sources, the transmission lines serving Oberlin share the same tower structures for 1.6 miles. A tower outage presents a single point of failure that jeopardizes reliability for the City.

Oberlin’s current peak load is 22 MW. For the 1.6 mile segment, a fault or maintenance on a transmission tower which requires taking out a transmission tower results in the City of Oberlin being out of power for a considerable amount of time. There is no ability to transfer load away via distribution.

The City of Oberlin has requested AMPT to provide a new delivery point via a geographically independent route to reduce its exposure and increase reliability.



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/**/2022 – V1 – Original version posted to pjm.com