AMP TRANSMISSION

Subregional RTEP Committee – AMPT Supplemental Projects

February 14, 2025

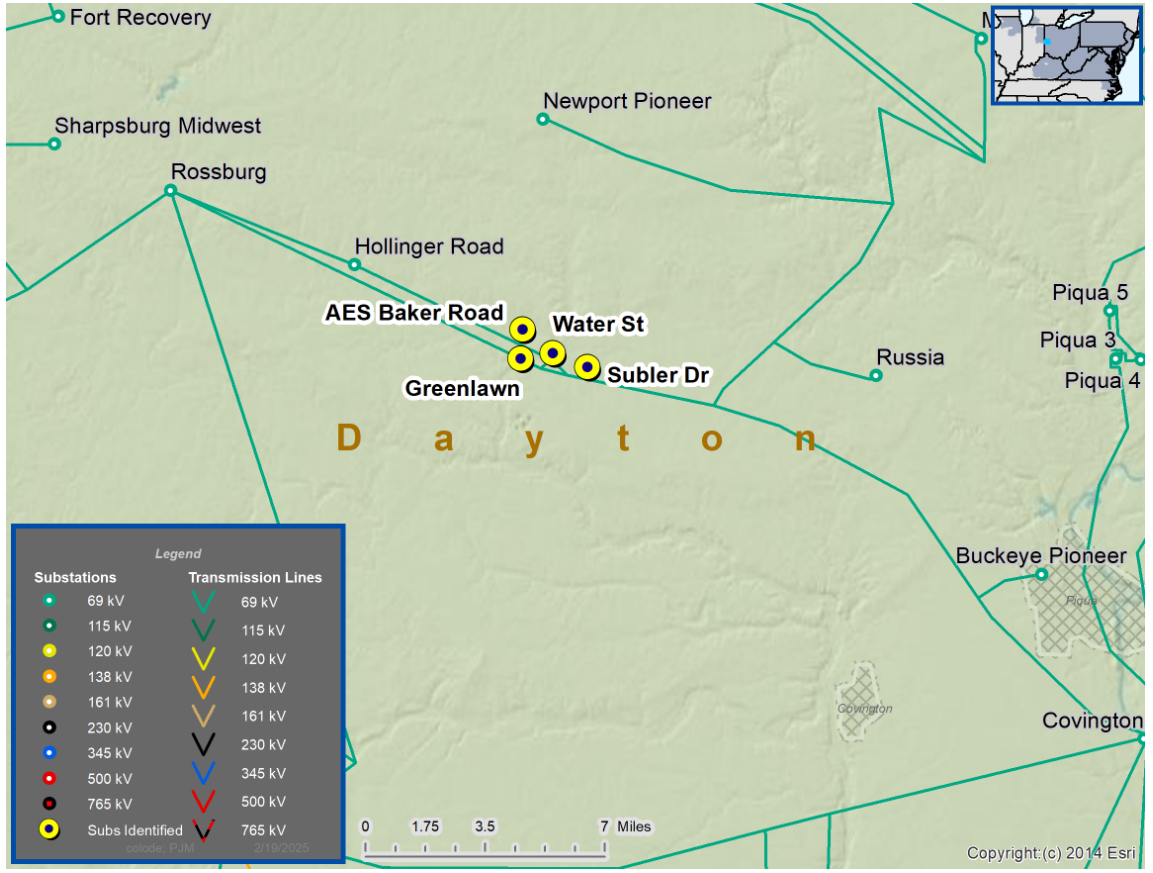
AMP TRANSMISSION

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

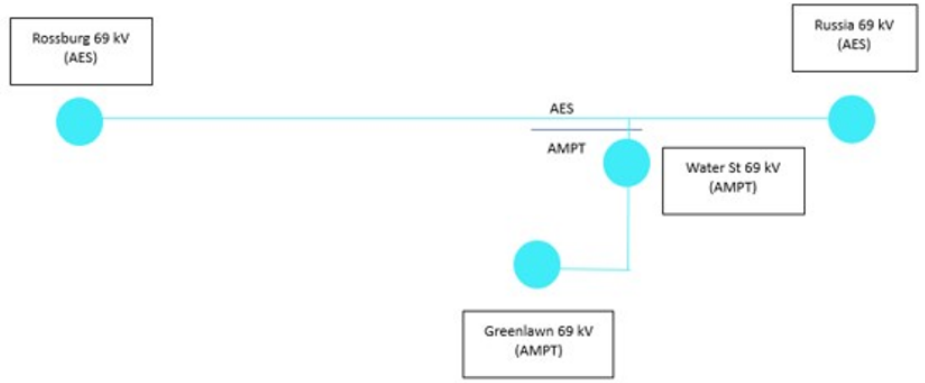
AMPT Projects in DAY Transmission Zone M3 Process
Versailles, OH

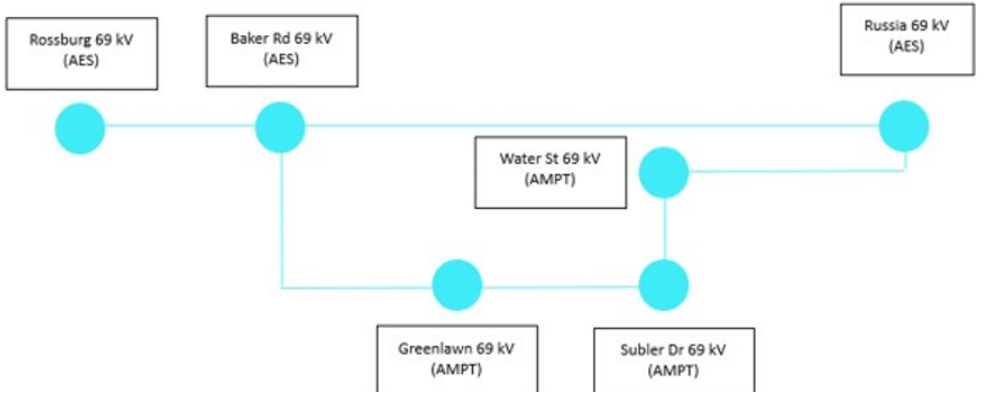
Need Number: AMPT-2024-001
Process Stage: Solution Meeting SRRTEP-W - 02/14/2025
Previously Presented: Need Meeting 04/19/2024
Project Driver: Customer Service
Specific Assumption References:
AMPT's "Transmission Facilities Interconnection Requirements" document.
Problem Statement:
New Customer Connection – The Village of Versailles has submitted a request for a new 69kV service point near the AMPT owned 69kV stations and transmission line, which is served off of AES' 6625 69kV line. The request was made to support new load increases in the area that totals approximately 6 MW. The City has requested an in-service date of 3/1/2027. Additionally, the village of Versailles has requested a 2nd supply to support the load. The radial supply presents a single point of failure that jeopardizes the reliability for the village. The existing interconnection is a radial 69kV tap off the 6625 69kV line. The current peak load at the Village of Versailles is 16 MW. AMPT's Transmission Facilities Interconnection Requirements specify looped facilities for loads exceeding 5 MW or 35 MW-mile radial thresholds.



AMPT Projects in DAY Transmission Zone M3 Process
Versailles, OH

Need number(s): AMPT-2024-001
Process Stage: Solution Meeting SRRTEP-W - 02/14/2025
Proposed Solution:
Subler Drive Station: Subler Drive 69 kV Build a new greenfield 69 kV station with two 69 kV circuit breakers and associated relays. Station should be able to accommodate one new distribution transformer.. Estimated Cost: $8.3 M
Water Street Station: Water Street 69 kV Rebuild existing Water Street 69 kV station to a three breaker ring bus to accommodate two 69 kV lines and one distribution transformer.. Estimated Cost: $9.3 M
Water Street - Subler Dr 69 kV: Build approximately 1.2 miles of new single circuit 69kV line using 795 ACSR Drake conductor from the Water Street 69 kV sub to the new Subler Drive sub.. Estimated Cost: $3.8 M
Greenlawn - Subler Dr 69 kV: Build approximately 6.0 miles of new single circuit 69kV line using 795 ACSR Drake conductor from the Greenlawn 69 kV sub to the new Subler Drive sub. Install line sectionalizing MOAB toward Subler Dr.. Estimated Cost: $15.1 M
Greenlawn - Baker Rd 69 kV: Build approximately .8 miles of new single circuit 69kV line using 795 ACSR Drake conductor from the Greenlawn 69 kV sub to the new Baker Road sub. Install a line sectionalizing MOAB toward Baker Rd.. Estimated Cost: $3.9 M
Water Street - Russia 69 kV: Build approximately 5.5 miles of new single circuit 69kV line using 795 ACSR Drake conductor from the Water Street 69 kV sub to the AES Russia





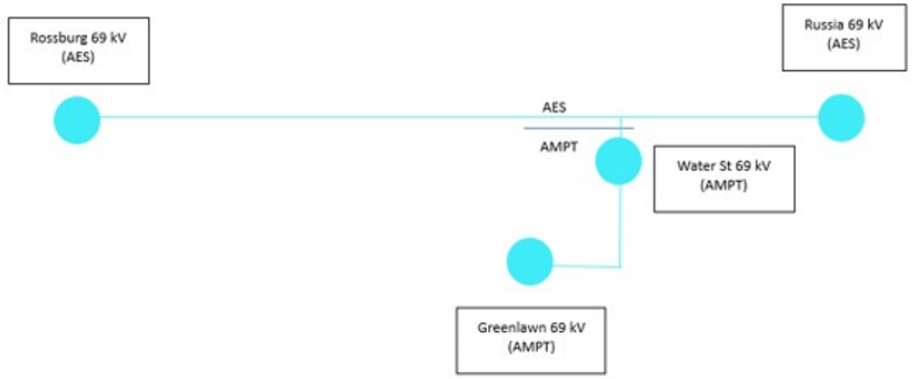
AMPT Projects in DAY Transmission Zone M3 Process
Versailles, OH

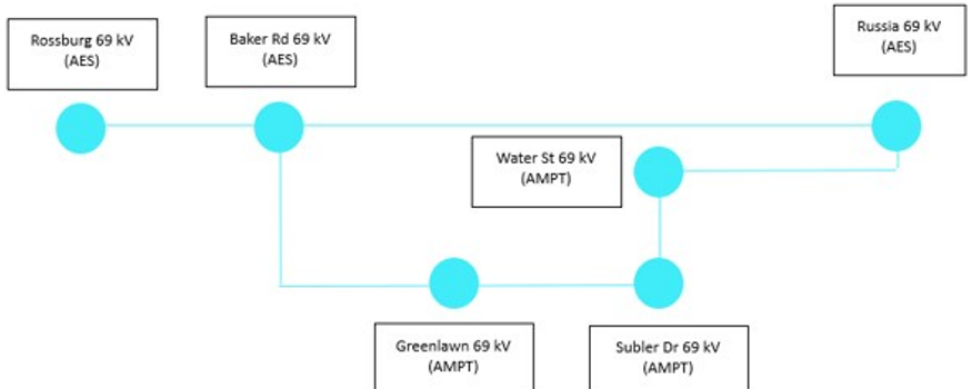
Proposed Solution:
Baker Rd Station: Baker Rd Station Build new 3 breaker ring bus at Baker Rd. Retire Water Street Tap.. Estimated Cost: $11.2 M
Russia Station: Expand the existing ring bus at Russia substation to accommodate the new line to Water Street.. Estimated Cost: $4 M

Transmission Cost Estimate: $66.6 M

Alternatives Considered:
Bring the existing AES 69 kV Rossburg – Russia line in and out of the AMPT Water Street 69 kV station. AES transmission interconnection requirements do not allow for other TO's to own within their throughpath. This required AMPT to develop a new connection back to AES Russia.

Projected In-Service: 06/30/2028
Project Status: pre-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

2/04/2025– V1 – Original version posted to pjm.com

2/20/2025-V2 – Updated map for AMPT-2024-001