

Transmission Expansion Advisory Committee: AEP Supplemental Projects

June 2, 2026

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-2026-OH022

Process Stage: Need Meeting 06/02/2026

Project Driver: Equipment Condition/Performance/Risk

Specific Assumption References:

AEP Guidelines for Transmission Owner Identified Needs (AEP Assump tions Slide 13)

Problem Statement:

Flatlick 765kV Station:

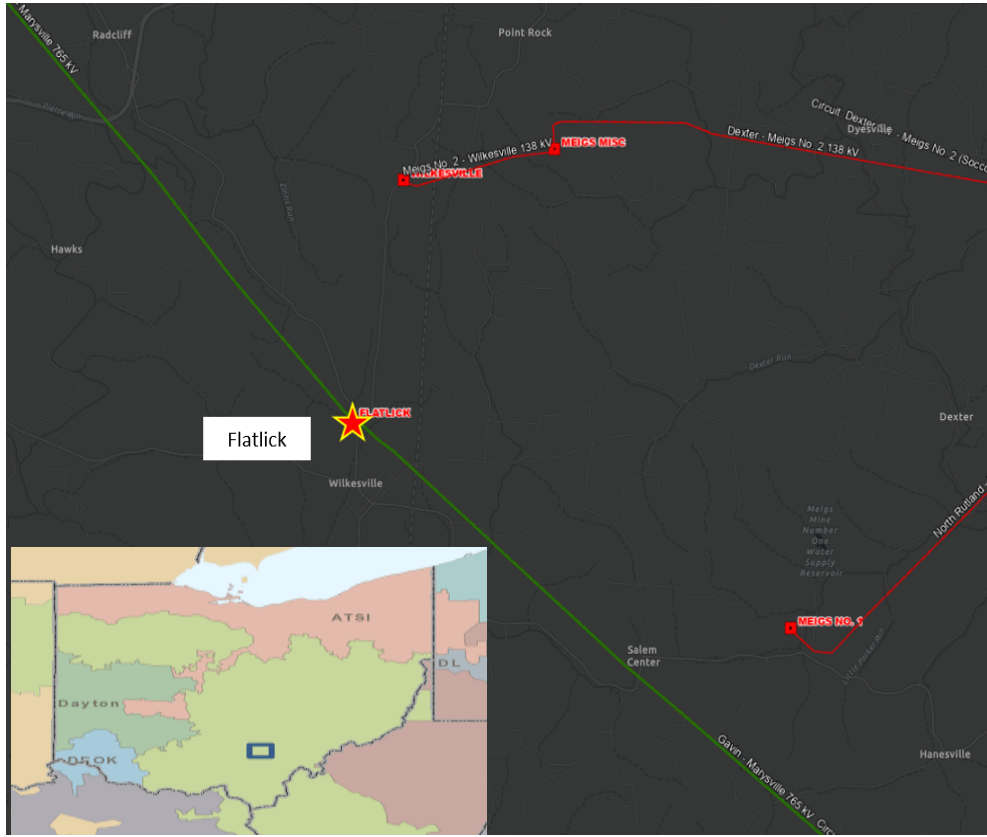
765kV Circuit Breakers A, B, C & D were put in service in 2002. This breaker type is known for operational issues associated with the hydraulic system which is prone to moisture ingress which leads to unreliable operation and unequal pole tripping.

765kV breaker 'A' has several issues with the hydraulic pump/hose, accumulator, and filter issues.

765kV breaker 'B' has had SF6 leaks as well as closing issues. This unit also had a complete hydraulic unit replacement and replaced pump timing relay.

765kV breaker 'C' has several issues with the hydraulic motor and pump not operating properly.

765kV breaker 'D' has had a SF6 leaks as well as a hydraulic leak.



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

05/22/2026 – V1 – Original version posted to pjm.com