

Subregional RTEP Committee - Western DEOK Supplemental Projects

January 17, 2025

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: DEOK-2025-001

Process Stage: Needs Meeting 01/17/2025

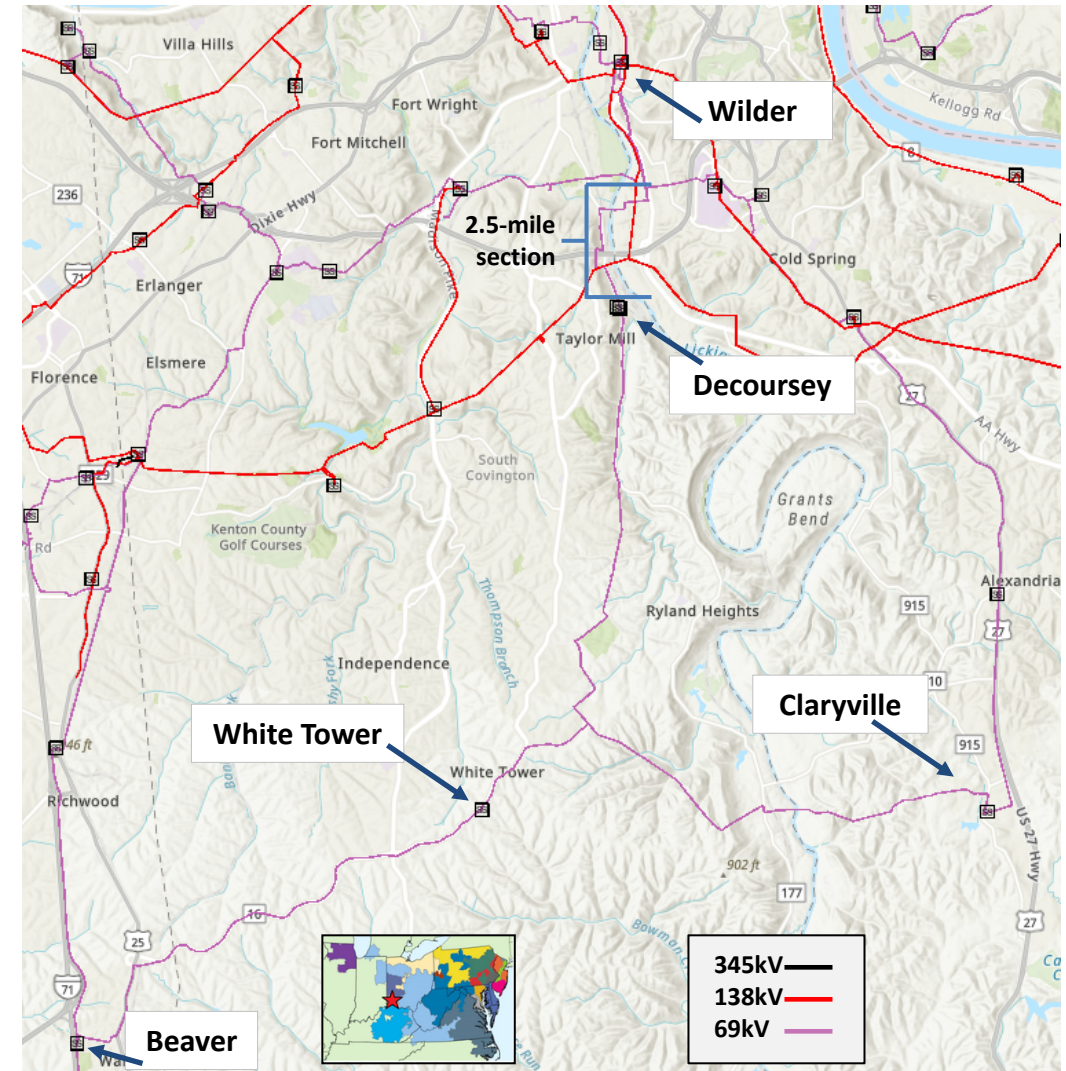
Project Driver: Equipment Condition, Performance and Risk

Specific Assumption Reference:

Duke Energy Ohio & Kentucky Local Planning Assumptions slides 7-8

Problem Statement:

A section of 69 kV circuit from Wilder to Decoursey is in deteriorating condition. This circuit is breaker connected at Wilder and feeds through switch connected buses at Decoursey and White Tower terminating at open switches in Beaver and Claryville. It supports a total of 85 MVA at these substations. The 2.5-mile section was originally constructed in 1965 and includes 69 single wood poles, wooden crossarms, and post insulators supporting 477 ACSR conductor. On inspection 10% of structures were rejected and an additional 25 were found to have defects. In the last five years there have been ten momentary and six permanent outages totaling 51,224 CMI, with the average outage lasting 221 minutes. 13,028 customers are at risk.



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

01/07/2025 – V1 – Original version posted to pjm.com