Sub Regional RTEP Committee: Western DEOK Supplemental Projects

February 21, 2020

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 2020-001
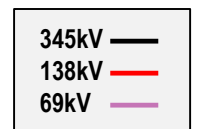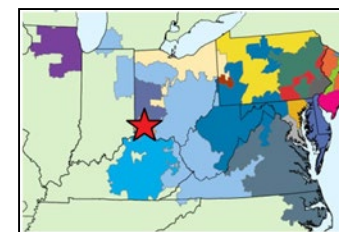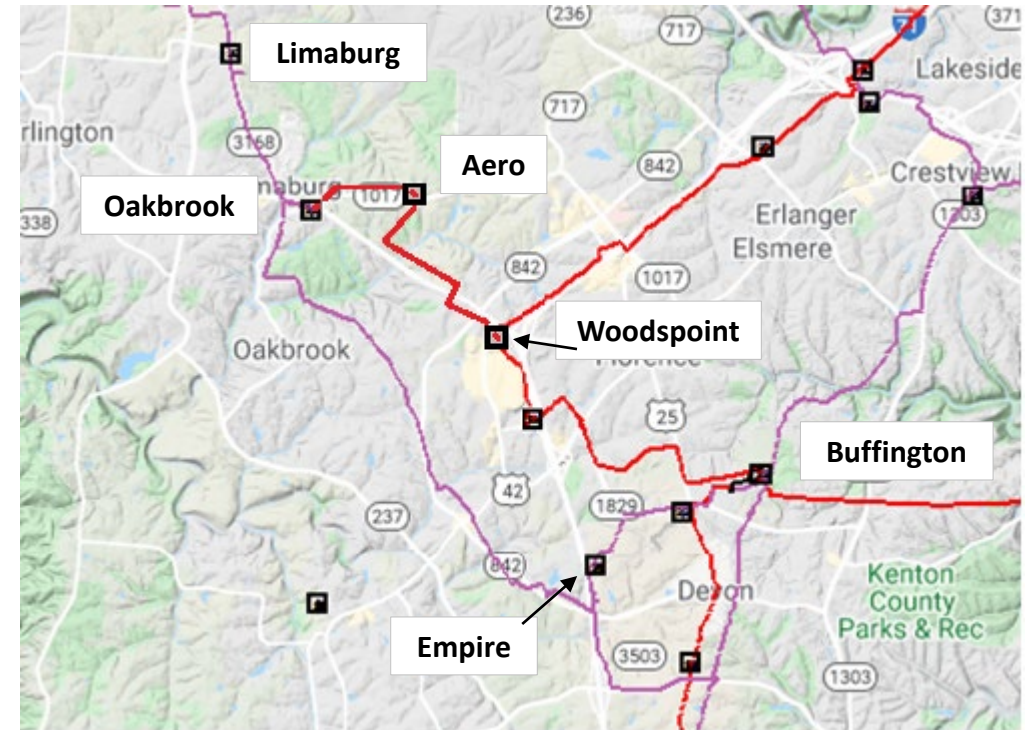
Process Stage: Needs Meeting 02-21-2020

Project Driver: Customer Service

Specific Assumption Reference:

Duke Energy Ohio & Kentucky Local Planning Assumptions slide 9

Problem Statement:

A 69 kV feeder runs south from Buffington to a tap near Empire, from that tap to a second tap at Oakbrook and then to Limaburg. In the event of an interruption of the 138 kV feeder from Woodspoint to Aero, all load normally shared by both feeders is carried by the 69 kV feeder. Duke Distribution predicts load growth of 30 MW at Aero, 5 MW at Oakbrook and 5 MW at Limaburg by the summer of 2022. The higher loads plus the loss of the Woodspoint to Aero feeder lead to an overload of the tap to tap to Oakbrook section of the 69 kV feeder.

345kV
138kV
69kV

KENTUCKY

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

2/10/2020 – V1 – Original version posted to pjm.com