

# Sub Regional RTEP Committee: Western DEOK Supplemental Projects

January 15, 2021

# Solutions

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-2020-008

**Process Stage:** Solutions Meeting 01-15-2021

**Previously Presented:** Needs Meeting 11-20-2020

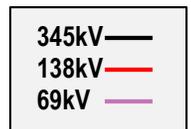
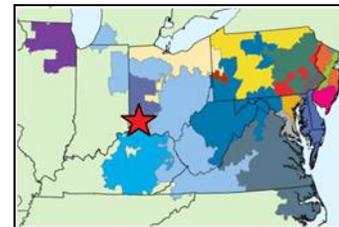
**Project Driver:** Customer Service

**Specific Assumption Reference:**

Duke Energy Ohio & Kentucky Local Planning Assumptions slide 9

**Problem Statement:**

Duke Energy Distribution has requested a new delivery point near Half Acre Road in Clermont County, OH. A new industrial customer has requested 36 MW of distribution service by 10-01-2022. The new load exceeds the capacity of existing distribution facilities in the area.





# DEOK Transmission Zone M-3 Process Half Acre

**Need Number:** DEOK-2020-008

**Process Stage:** Solutions Meeting 01-15-2021

**Potential Solution:**

Install a mobile 138/34kV transformer to serve the customer until the substation is completed.

Install a new substation with two 138kV breakers, one circuit switcher, one 138/34kV 60MVA transformer, a control building, and two distribution feeder exits.

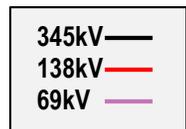
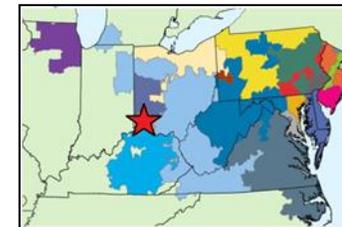
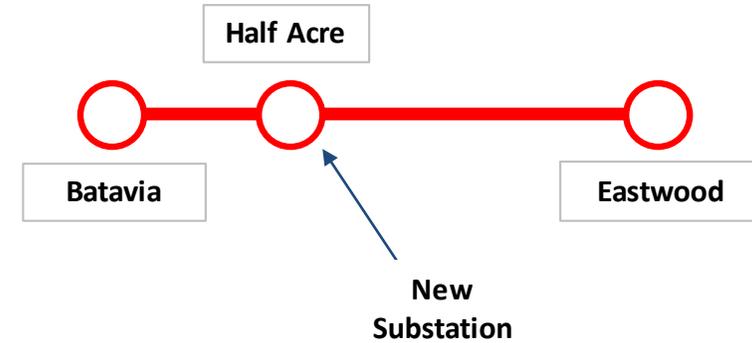
**Alternatives:** none

**Transmission Cost Estimate:** \$10,284,854

**Proposed In-Service Date:** 12-31-2022

**Project Status:** Development

**Model:** 2020 RTEP



# 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

1/5/2021 – V1 – Original version posted to pjm.com