

# SRRTEP Committee: Western EKPC Supplemental Projects

April 20, 2020

# 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

# EKPC Transmission Zone M-3 Process Cincinnati/Northern KY Airport Area Customer Service

**Need Number:** EKPC-2020-002

**Process Stage:** Solutions Meeting – April 20, 2020

Needs Meeting – March 19, 2020

**Supplemental Project Driver:**

Customer Service

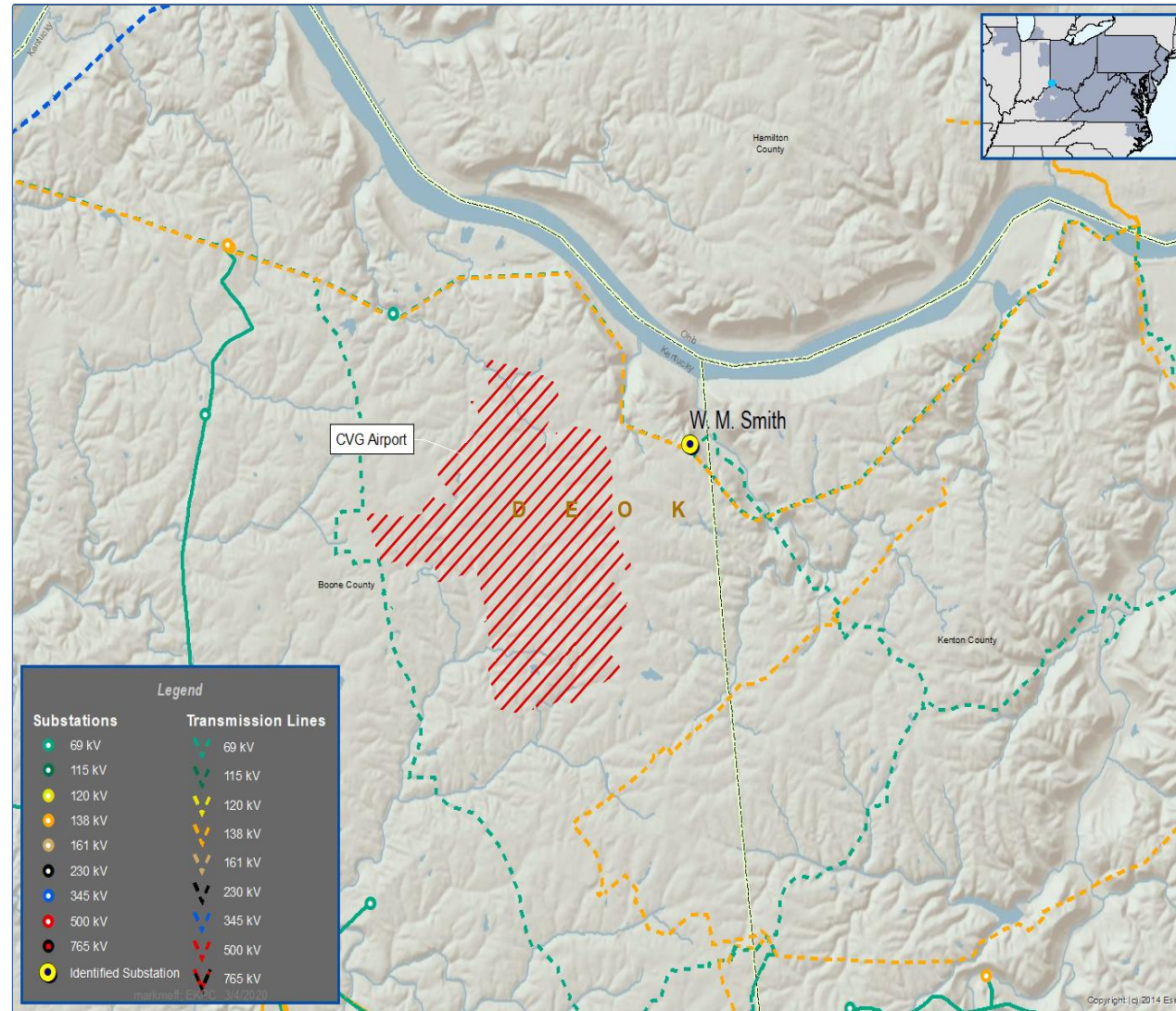
**Specific Assumption Reference:**

EKPC Assumptions Presentation Slide 11

**Problem Statement:**

The distribution cooperative serving the area in the vicinity of the Cincinnati/Northern Kentucky International Airport has requested that EKPC develop a solution to improve service reliability to customers, provide back-feed capability, and add substation transformer capacity for expected load growth in the area. This area is currently served by EKPC's W.M. Smith distribution substation. The footprint of that substation is compressed, and future expansion is not possible at that location. Additionally, the existing substation is located on the fringe of the load pocket and is not adjacent to the airport, where the growth is expected to occur.

**Model:** N/A



# EKPC Transmission Zone M-3 Process Cincinnati/Northern KY Airport Area Customer Service (continued)

**Need Number:** EKPC-2020-002

**Process Stage:** Solutions Meeting April 20, 2020

**Proposed Solution:**

Build a new 138/12.5 KV 30 MVA distribution station (Mineola Pike) and associated 0.9-mile 138 kV radial line connecting to DEOK's Constance 138 kV substation.

Transmission Cost: None

Distribution Cost: \$10.0M

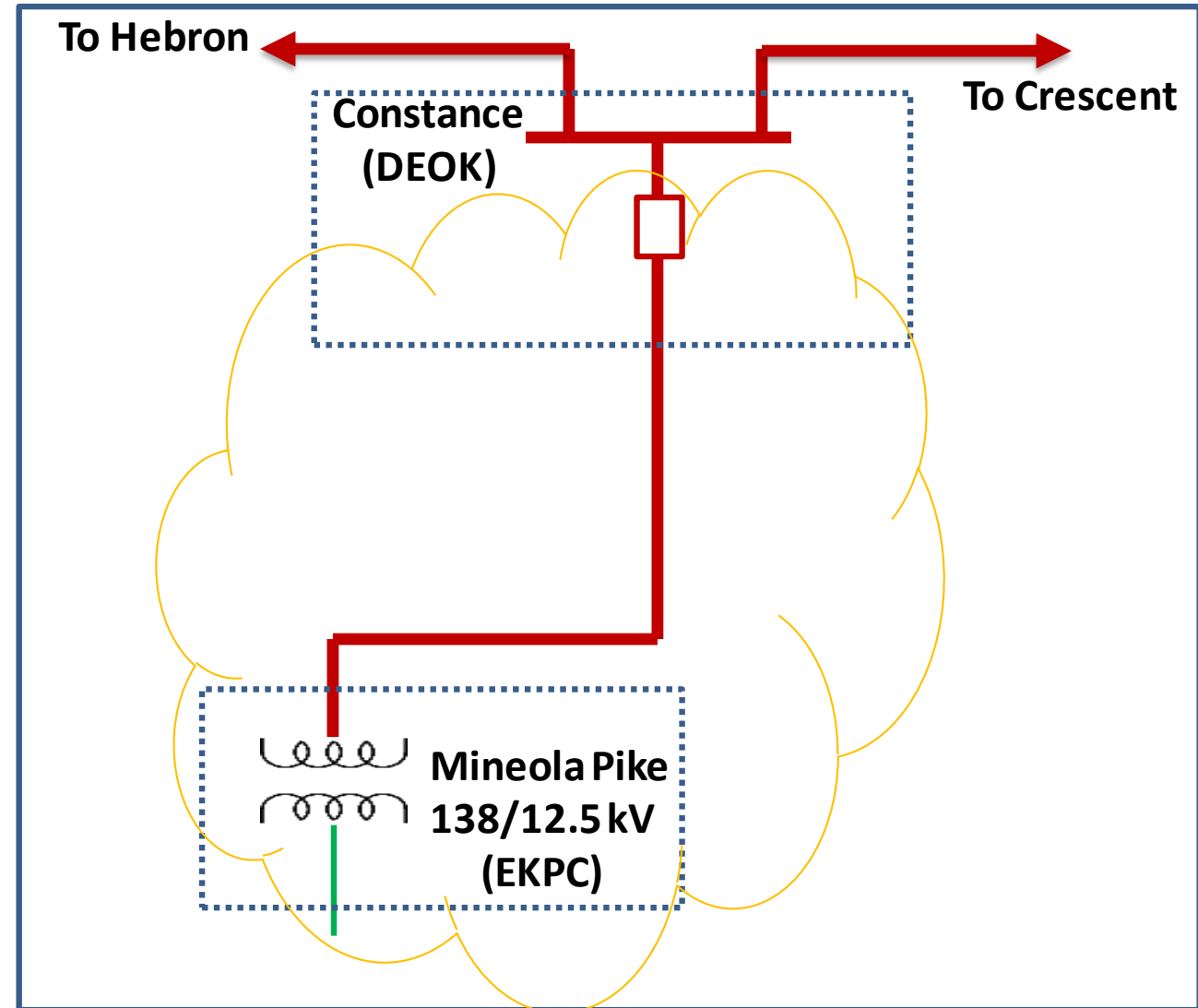
**Ancillary Benefits:**

**Alternatives Considered:**

No feasible alternatives

**Projected In-Service:** 12/1/2022

**Project Status:** 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

4/8/2020 – V1 – Original version posted to pjm.com