

SRRTEP Committee: Western EKPC Supplemental Projects

December 16, 2022

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

EKPC Transmission Zone M-3 Process Hardin County New Customer Load

Need Number: EKPC-2022-08

Process Stage: Need Meeting – December 16, 2022

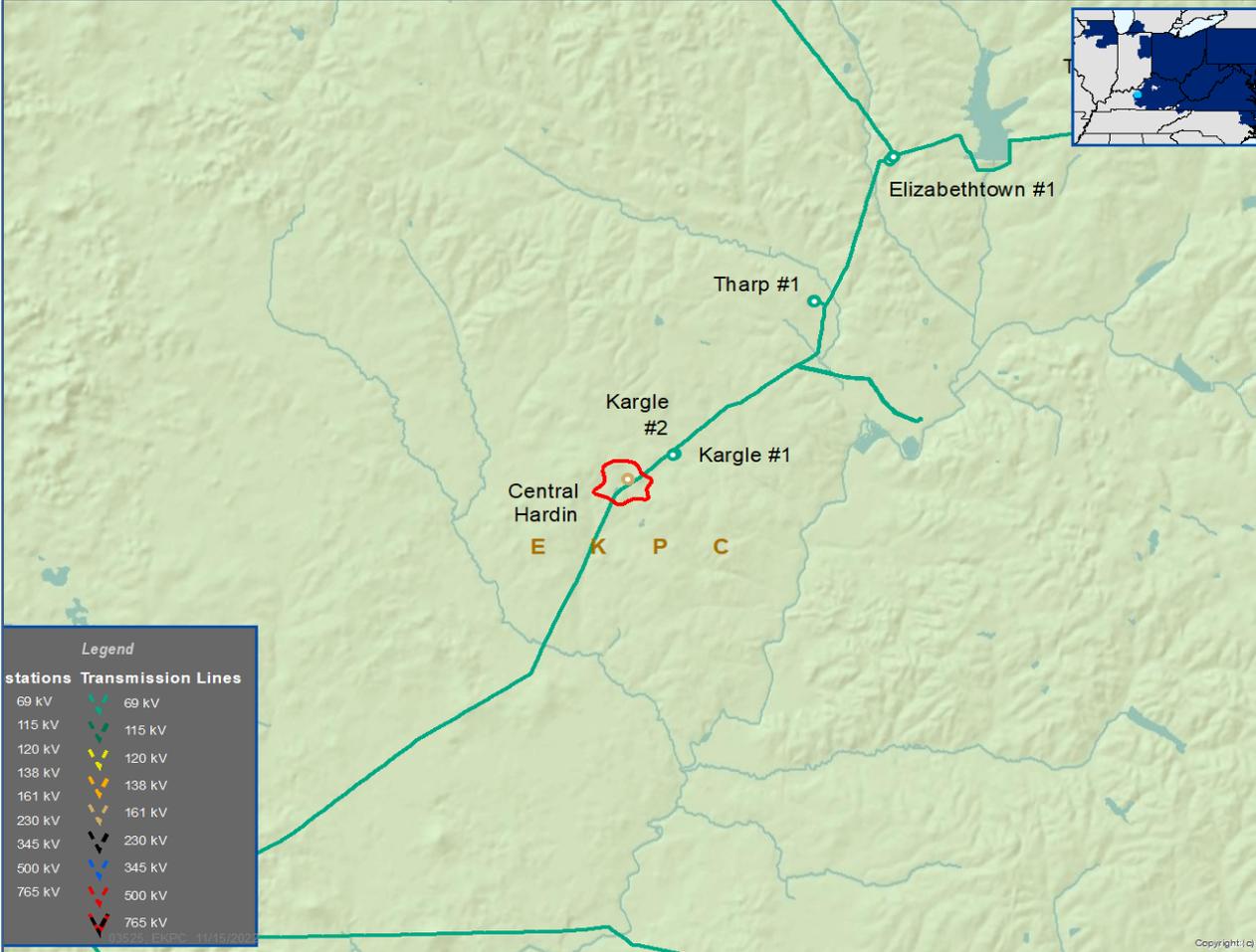
Supplemental Project Driver:
Customer Service

Specific Assumption Reference:
EKPC Assumptions Presentation Slide 15

Problem Statement:

A new customer has requested a new delivery point for a peak demand of 15.0 MW by 12/31/2023. The new delivery point is located in Hardin Co, KY adjacent to EKPC’s Central Hardin 138/69 KV substation. The existing distribution infrastructure is not capable of serving this request.

Model: N/A



EKPC Transmission Zone M-3 Process Richmond-Berea Area

Need Number: EKPC-2022-08

Process Stage: Need Meeting – December 16, 2022

Supplemental Project Driver:
Customer Service

Specific Assumption Reference:
EKPC Assumptions Presentation Slides 15

Problem Statement:

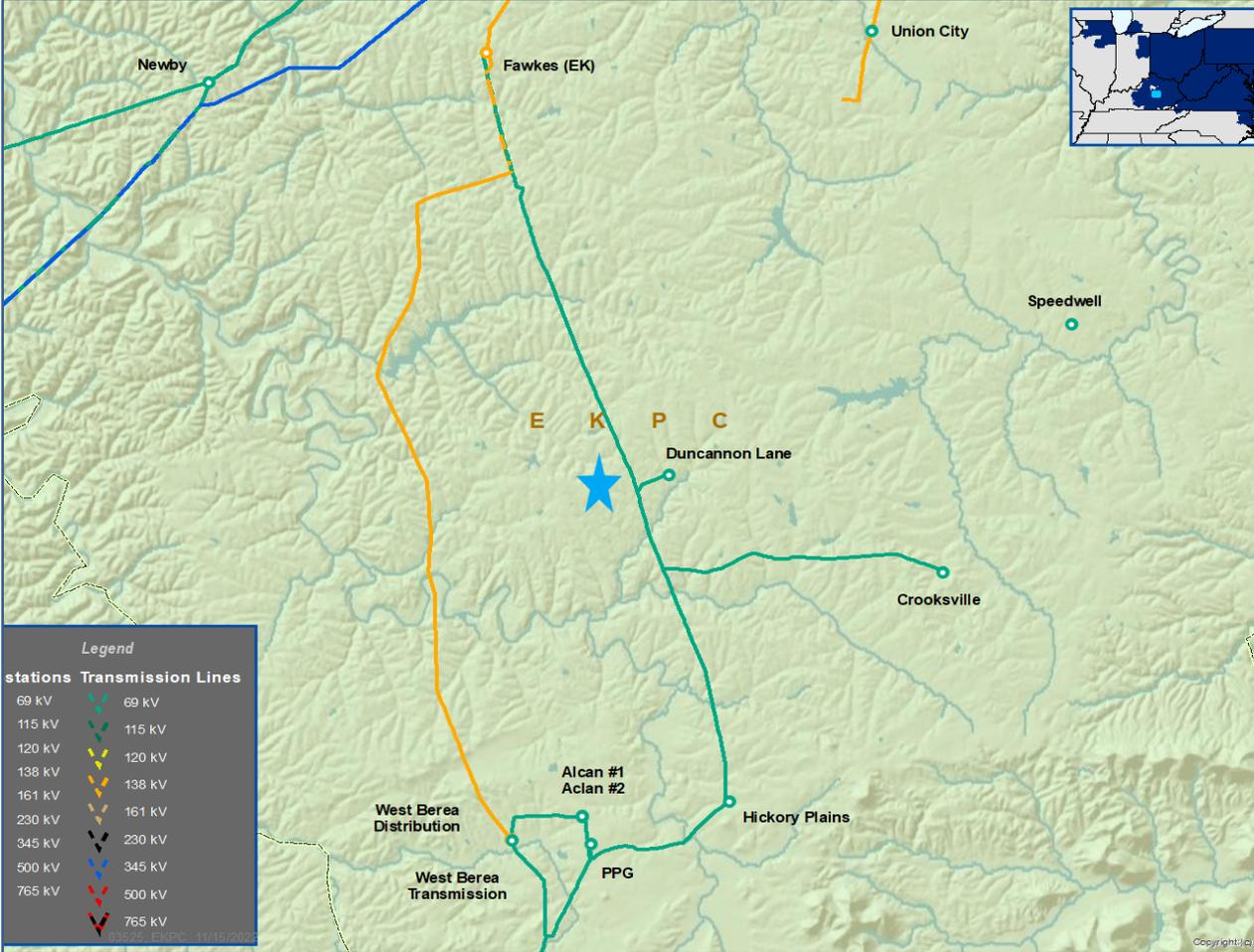
EKPC’s Economic Development department has had large number of greater than 50 MW+ peak demand potential industrial facilities that have expressed interest in a new industrial site located in Madison County, KY. This industrial site is adjacent to Interstate 75 and the Duncannon Lane 69 KV tap point, indicated by blue mark on the map.

Due to the attractive geographic location of Richmond and Berea, and the availability of land in the area that can be developed for large industrial customers, there is a high likelihood for an increase in the electrical demand in the area.

The existing transmission system in the area can not serve a load of this magnitude. The Fawkes-West Berea 69 KV circuit has reached its maximum available capacity level and is highly depended upon the 138 KV connections in the area.

Alternatives will be developed to provide service to the site to adequately and reliably serve a large amount of load.

Model: N/A



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

12/6/2022 – V1 – Original version posted to pjm.com

12/16/2022 – V2 – Corrected the Need # EKPC-2022-07 to EKPC-2022-08 and the Specific Assumption