

SRRTEP - Western Committee EKPC Supplemental Projects

Oct. 16, 2026

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: EKPC-2026-005

Process Stage: Need Meeting 10/16/2026

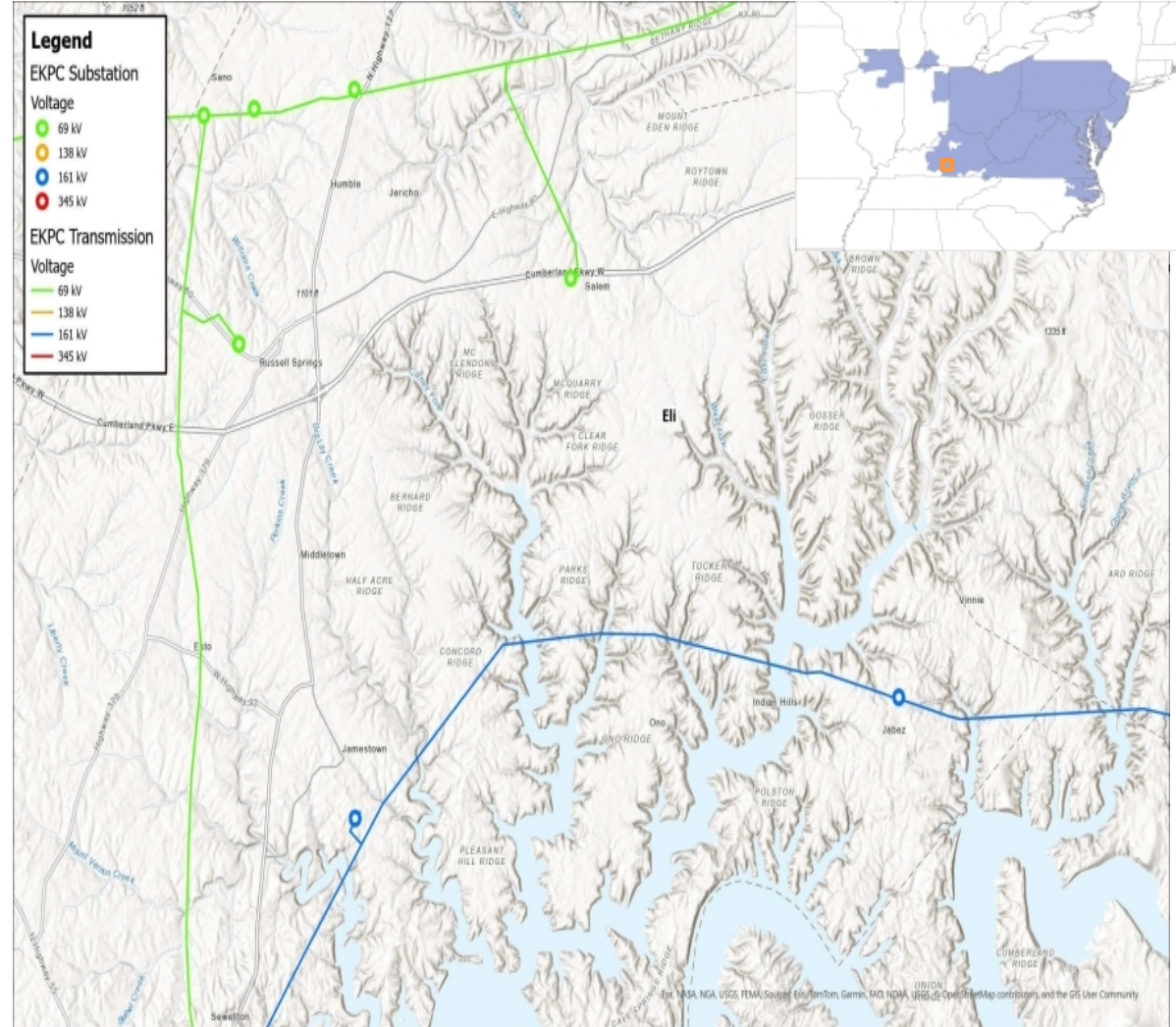
Project Driver: Customer Service

Specific Assumption References:

EKPC Assumptions Presentation Slide 15

Problem Statement:

Distribution feeders from the Salem 69 kV distribution substation, currently serves customers in southern Russell County, KY near Lake Cumberland. This area of Lake Cumberland is experiencing significant residential development in the area. During high loading, customers near the end of the line are experiencing low voltage. Existing distribution infrastructure is not capable of addressing the issues in this area. EKPC will develop and evaluate alternatives to address all issues listed above.



EKPC Transmission Zone M-3 Process

South Oak Hill

Need Number: EKPC-2026-006

Process Stage: Need Meeting 10/16/2026

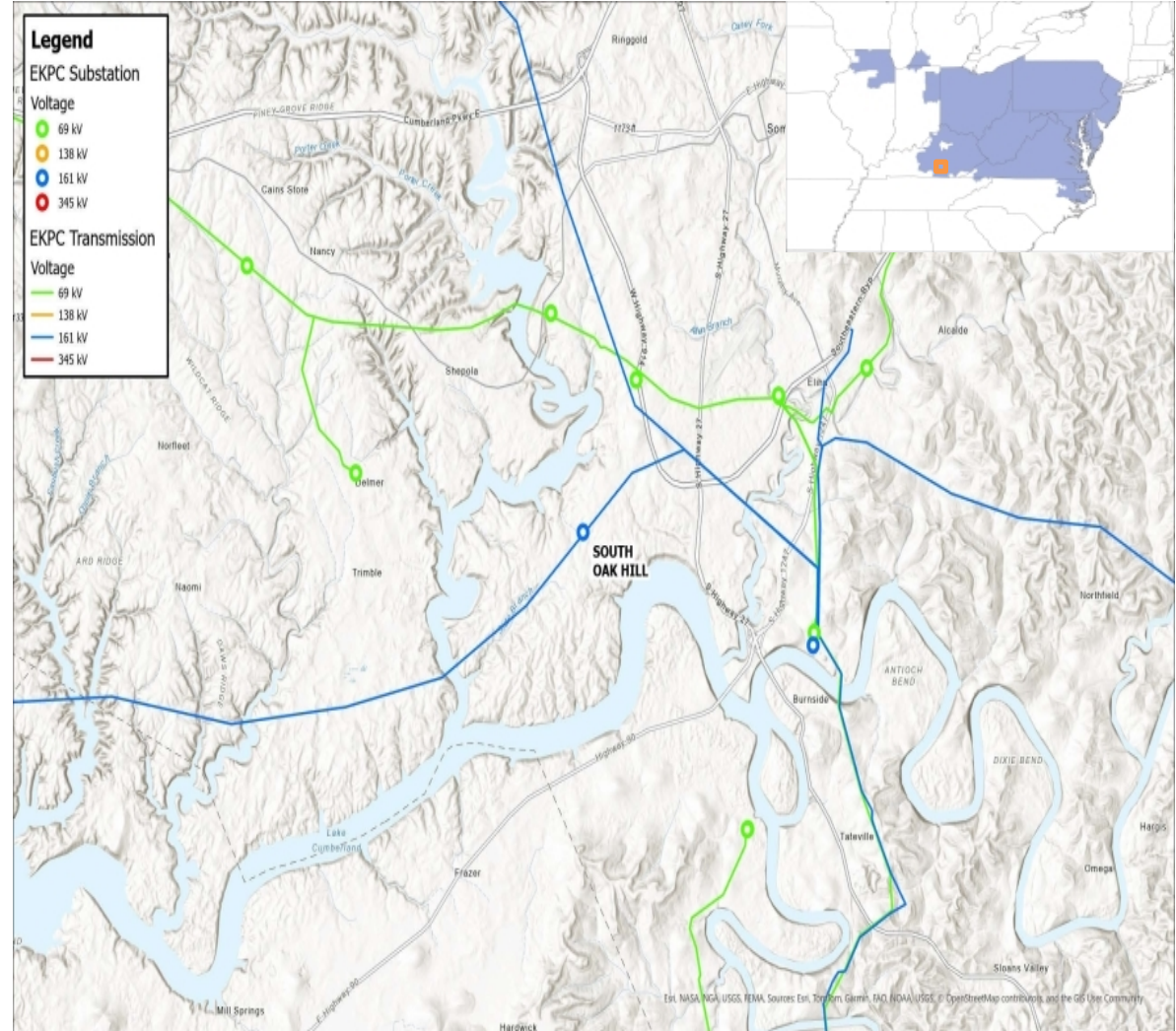
Project Driver: Equipment Condition/Performance/Risk, Customer Service

Specific Assumption References:

EKPC Assumptions Presentation Slide 13 & 15

Problem Statement:

Based on the existing EKPC load forecast, the South Oakhill Base 12 MVA distribution transformer has an immediate forecasted overload. The local distribution cooperative has shifted approximately 3 MW of load off the transformer to allow for EKPC to implement a solution to the transformer overload. In addition, the distribution feeder serving customers to the west of the South Oakhill substation surrounding Lake Cumberland is experiencing thermal overloads during peak load conditions. EKPC will develop and evaluate alternatives to address all issues listed above.



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

10/6/2026 – V1 – Original version posted to pjm.com