

TEAC EKPC Supplemental Projects

March 4, 2025

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 Mason County, KY

Need Number: EKPC-2025-001

Process Stage: Need Meeting 03/04/2025

Project Driver: Customer Service

Specific Assumption References:

EKPC Local Planning Assumptions - slide 15

Problem Statement:

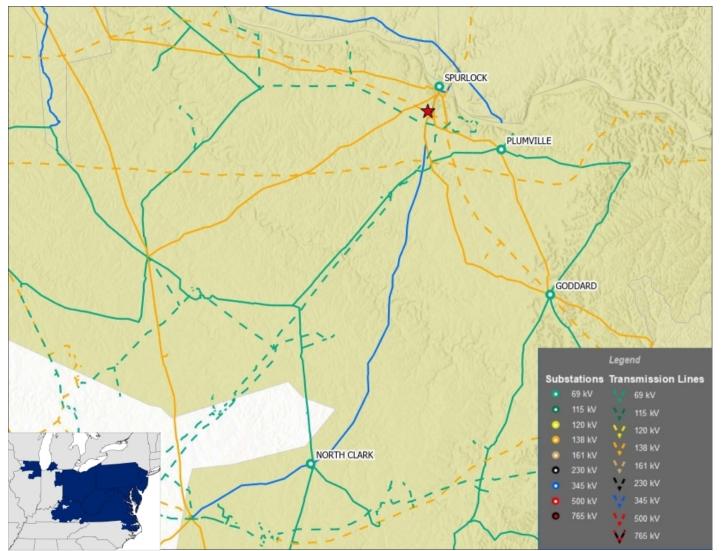
A new customer has requested transmission service in Mason County, KY.

The initial load is expected to be 110 MW by 12/2026. With a load ramp schedule as follows:

530 MW by 2/2028

850 MW by 8/2028

2200 MW by 1/2031



Appendix

High Level M-3 Meeting Schedule

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| 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

2/20/2025 – V1 – Original version posted to pjm.com