

Sub Regional RTEP Committee: Western EKPC Supplemental Projects

February 21, 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 Marion Co New Customer Load

Need Number: EKPC-2020-001

Process Stage: Solutions Meeting February 21, 2020

Previously Presented:

Needs Meeting 1/17/2020

Supplemental Project Driver:

Customer Service

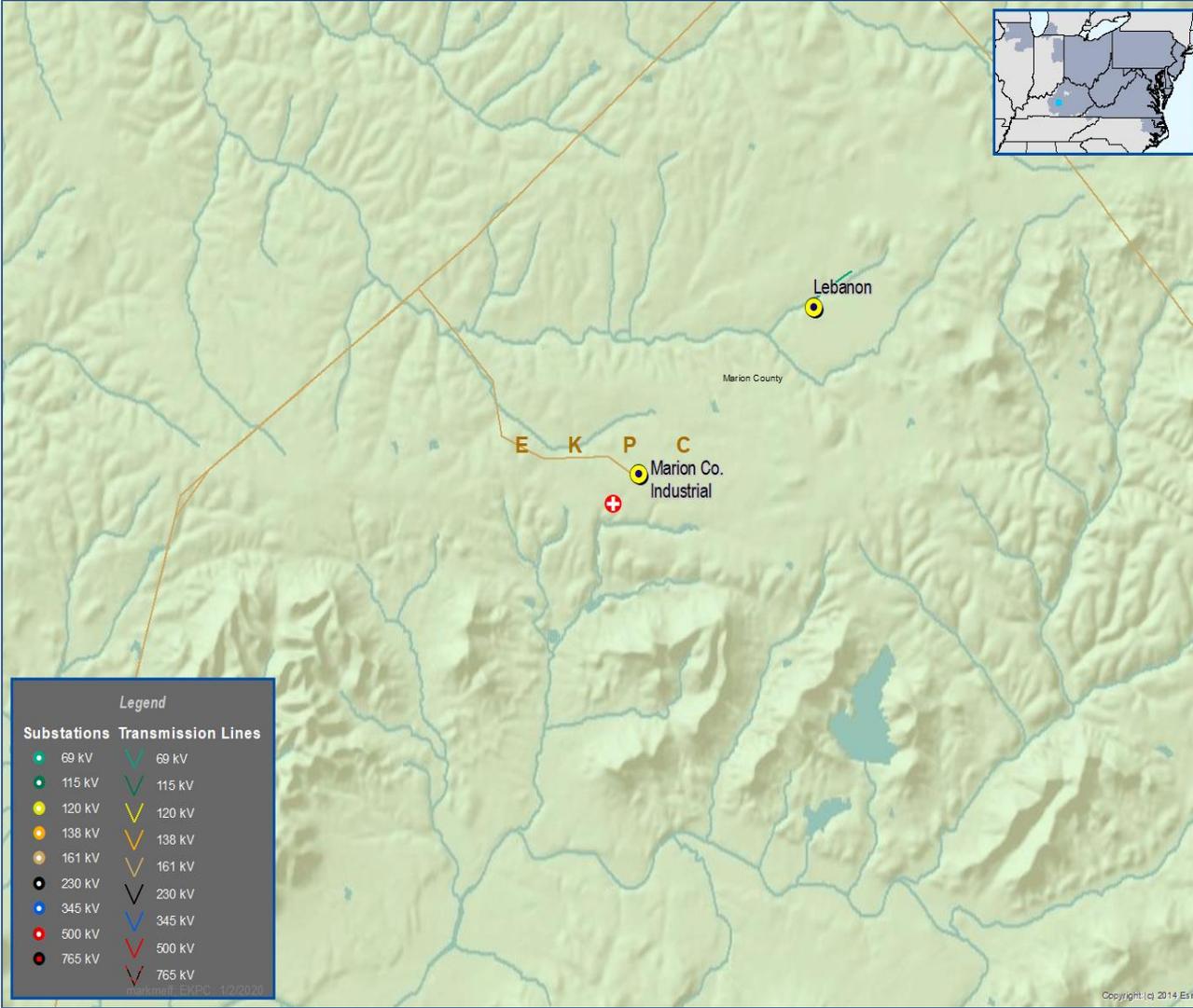
Specific Assumption References:

EKPC Assumptions Presentation Slide 11

Problem Statement:

A new industrial customer has requested a new delivery point for a peak demand of 36 MW by 10/1/2020. The new delivery point is located in Marion Co, KY approximately 0.3 miles from EKPC's 161 KV transmission near the existing EKPC owned 161/24.9 KV Marion County Industrial Park distribution substation. The existing distribution infrastructure is not capable of serving this request.

Model: N/A



EKPC Transmission Zone M-3 Process Marion Co New Customer Load

Need Number: EKPC-2020-001

Process Stage: Solutions Meeting February 21, 2020

Proposed Solution:

Build a new dual transformer 161/13.8 KV 50 MVA distribution station (South Marion County Industrial) and associated 0.25 mile 161 KV line tapping the existing Marion County Industrial 161 KV tap line.

Transmission Cost: None

Distribution Cost: \$6.0M

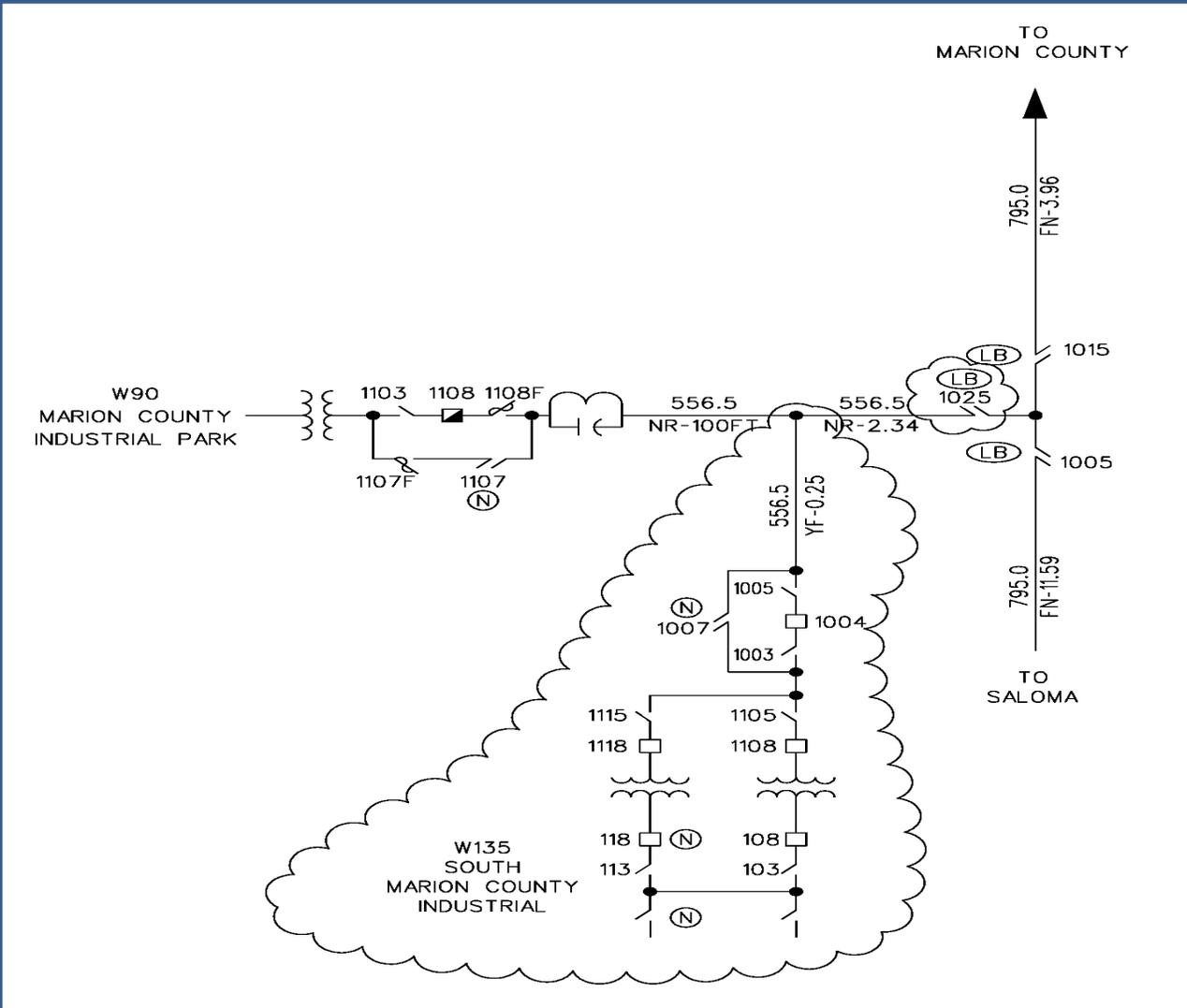
Ancillary Benefits:

Alternatives Considered:

No feasible alternatives

Projected In-Service: 10/1/2020

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

2/10/2020 – V1 – Original version posted to pjm.com

2/13/2020 – V2 – Slide #3, Update the map