



Expedited Project Review Results and Recommendation

Expedited Project Review Technical Study Task Force (EPR-TSTF)

April 7, 2026

Updated 4/20/2026. Remove Project 51306

Purpose & Key Takeaway

Purpose

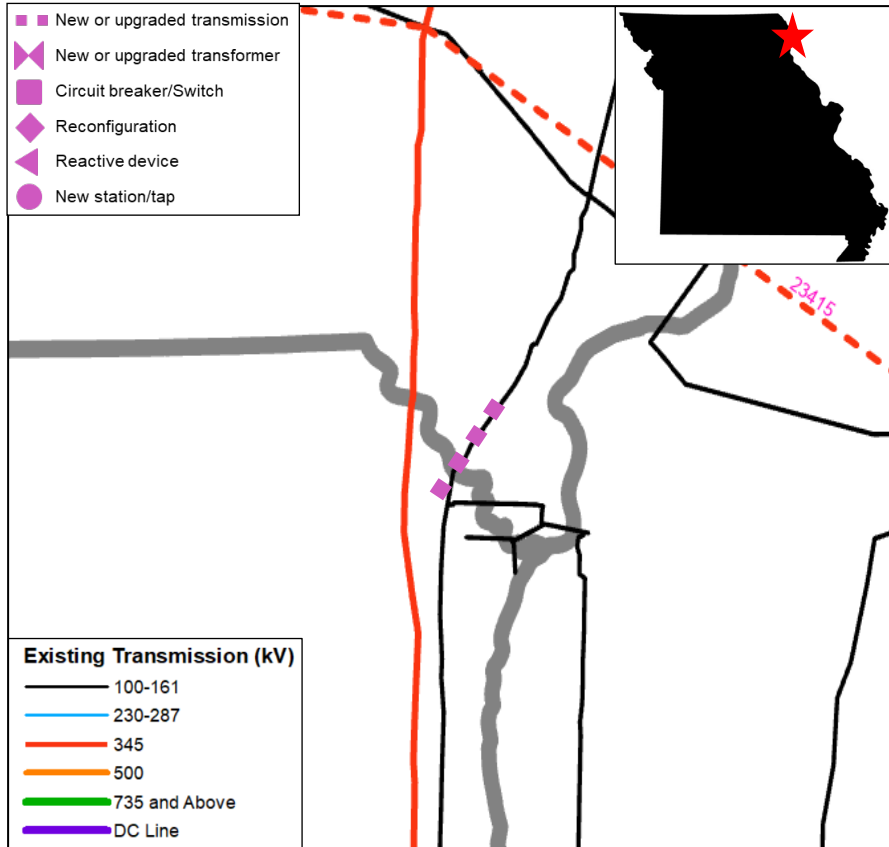
Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways

- Seven (7) EPRs have completed analysis and mitigation representing 1.4 GW of new spot load and other reliability concerns
 - Central region representing 1 project for review
 - East region representing 1 project for review with 3 Corrective Action Plan (CAP) projects
 - West region representing 2 projects for review
- MISO recommends the projects move to MTEP26 Appendix A after the PAC comment period.

[AMMO] Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)

AMMO: Rebuild Carbide Tap-Viele 161 kV line

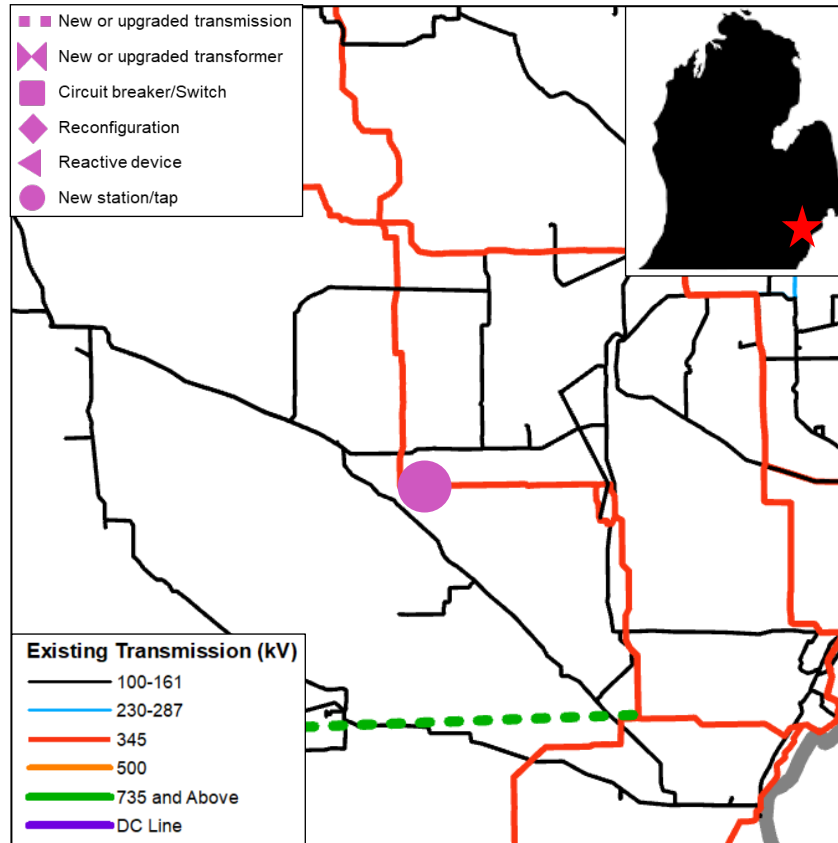


Project #	51175
Project Name	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)
Project Type	Other, Local Needs
Project Description	Ameren Missouri has entered into an agreement with Northeast Missouri Electric Cooperative to rebuild approximately 7.2 miles of the Ameren Missouri Palmyra-Viele-2 161 kV line to double circuit to allow Northeast to connect a new 161 kV line from their Franklin Substation in Lee County, Iowa to their Winchester Substation in Clarke County, Missouri.
System Need	Required per JUA with AECI/NE Power and ISD timeline.
Current Cost	\$0M
Expected ISD	11/30/2026
Target Appendix	A in MTEP26

This project does not result in topological change.

[ITCT] Project Benton 345 kV Load Addition

ITCT: Project Benton



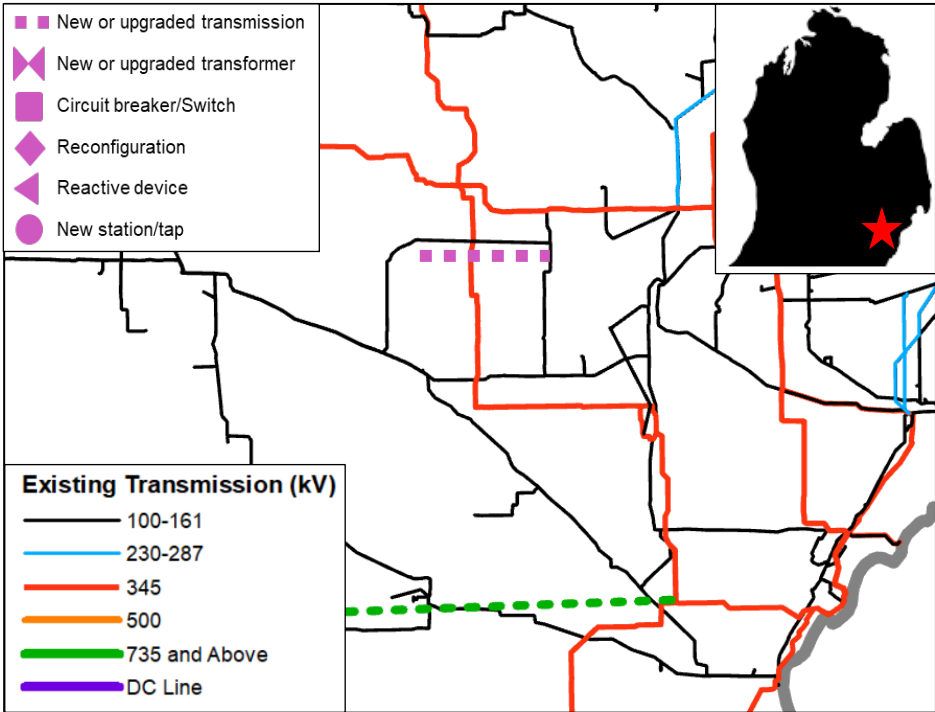
Project #	51134
Project Name	Project Benton
Project Type	Other, Load Growth
Project Description	ITCT to build 2 new 6-row 345 kV stations to accommodate Project Benton. Both the Majestic-Milan and Majestic-Lemoyne 345 kV lines will be cut into both stations. ITCT will install capacitor banks on the high-side and DTE will install capacitor banks connected to the 34.5 kV side.
System Need	DTE interconnection request for a new station to serve 1383 MW of load for a new industrial customer.
Current Cost	\$92M
Expected ISD	11/30/2027
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
 - Results were posted for impacted entity feedback
 - Three (3) additional CAP(s) were required to mitigate observed issues
- MISO coordinated with impacted neighboring entities based on the analysis results
 - We appreciate the active coordination of the impacted parties as a part of this process

51134 Corrective Action Plan (CAP)

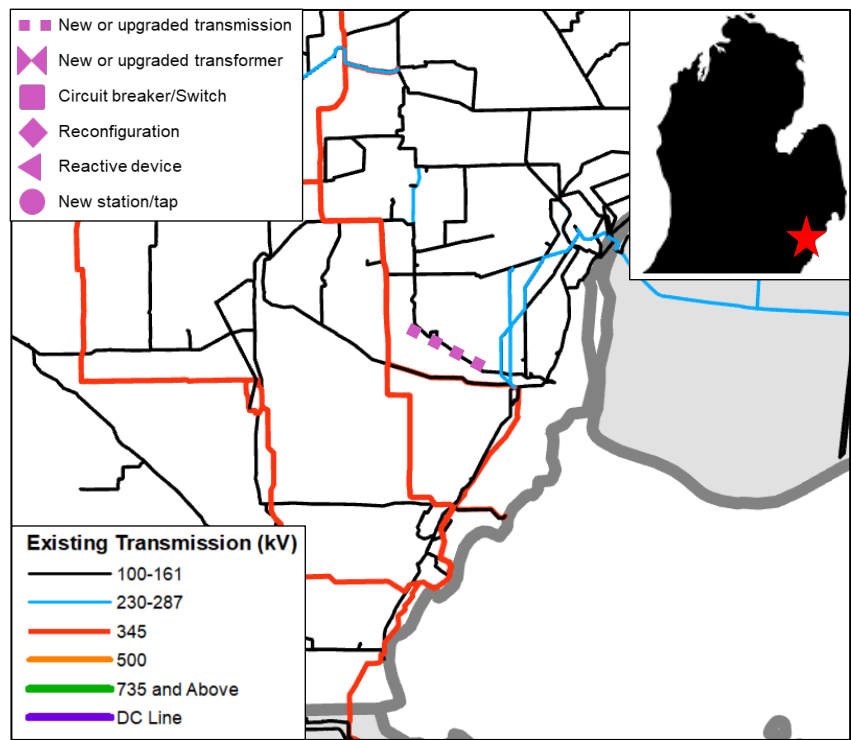
Existing MTEP26 BRP project



Project #	51167
Project Name	Upgrade Sag on Lark-Washtenaw Jct. 138 kV
Project Type	BRP
Project Description	Completely remove the sag limit on the 25.16 mile, 477 ACSR 26/7 section of the Lark-Washtenaw-Leoni 138 kV circuit. Upgrade the Lark-Washtenaw 138 kV line to the 477 ACSR conductor limit. All upgrades to a minimum SE 196MVA.
System Need	The Lark-Washtenaw line is projected to overload due to P2, P6, P7 and P5 contingencies in 5- and 10- year cases in MISO MTEP25 D3 and D6 study. Moved forward for EPR.
Current Cost	\$2.8M
Expected ISD	12/01/2027
Target Appendix	A in MTEP26

51134 Corrective Action Plan (CAP)

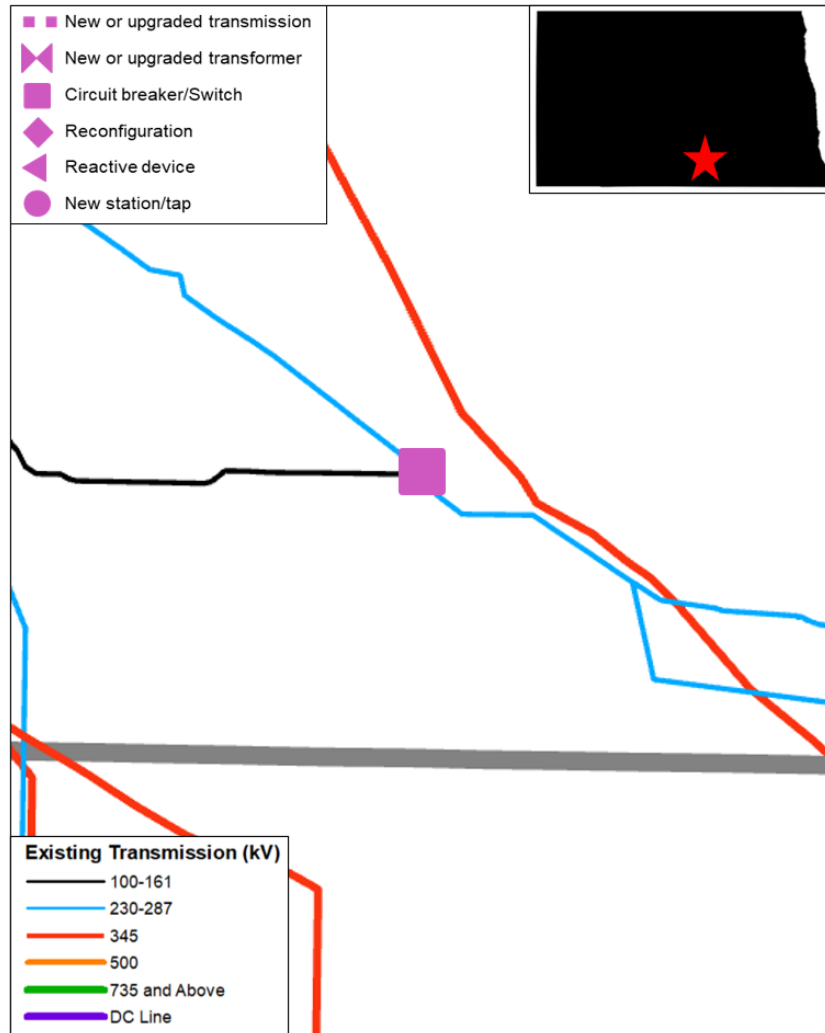
New MTEP26 BRP project



Project #	18208
Project Name	Airport - WDHVN Tap 120 kV Sag Remediation
Project Type	BRP
Project Description	Raise the sag on Airport - WDHVN Tap 120 kV section up to the conductor's limit.
System Need	MISO identified thermal issues on the Airport - WDHVN Tap 120 kV section for P6 contingencies in their initial MTEP19 study models. Moved to appendix A for EPR.
Current Cost	\$0.5M
Expected ISD	TBD
Target Appendix	A in MTEP26

[MDU] Wishek NW Data Center Load Addition

MDU: Wishek NW Data Center Load Addition



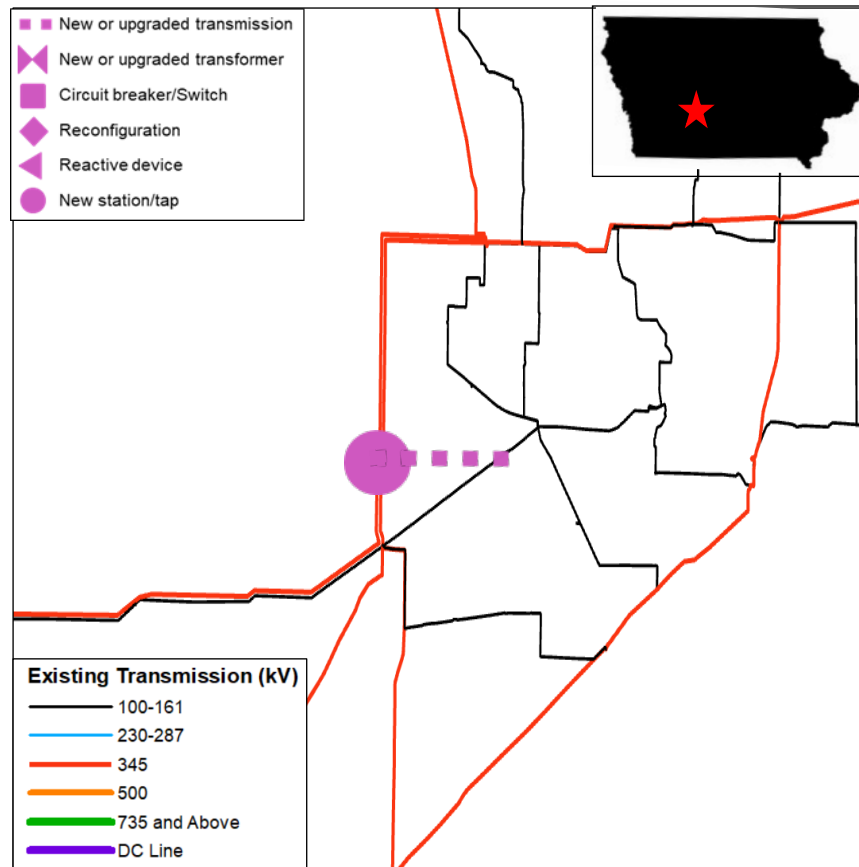
Project #	51219
Project Name	Wishek NW Data Center Load Addition
Project Type	Other, Load Growth
Project Description	New breaker, switches, bus work, jumpers, and dead end at Wishek NW to interconnect the new load.
System Need	MDU has a new 50 MW customer requesting service at the Wishek NW substation.
Current Cost	\$2.21M
Expected ISD	06/01/2027
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.
- MISO performed TPL-001-5.1 no-harm analysis utilizing N-1 and N-1-1 contingencies centered around the point of interconnection of the EPR
 - Results were posted for impacted entity feedback
 - Any observed TPL violations or worsened reliability issues on the MISO system had valid CAPs that did not require any new MTEP projects
- MISO coordinated with impacted neighboring entities based on the analysis results
 - We appreciate the active coordination of the impacted parties as a part of this process

[MEC] Van Meter 161 kV Substation and Associated 161 kV Upgrades

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Project #	51216
Project Name	Van Meter 161 kV Substation and Associated 161 kV Upgrades
Project Type	Other, Load Growth
Project Description	Construct new Van Meter 161 kV Substation and 161 kV lines
System Need	Upgrades needed for large load customer
Current Cost	\$42.5M
Expected ISD	02/01/2029
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
 - Results were posted for impacted entity feedback
 - Any observed TPL violations or worsened reliability issues on the MISO system had valid CAPs that did not require any new MTEP projects
- No neighboring entities were impacted based on the analysis results.

Questions?
