



Expedited Project Review Results and Recommendation

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

May 5th, 2026

Purpose & Key Takeaway

Purpose

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

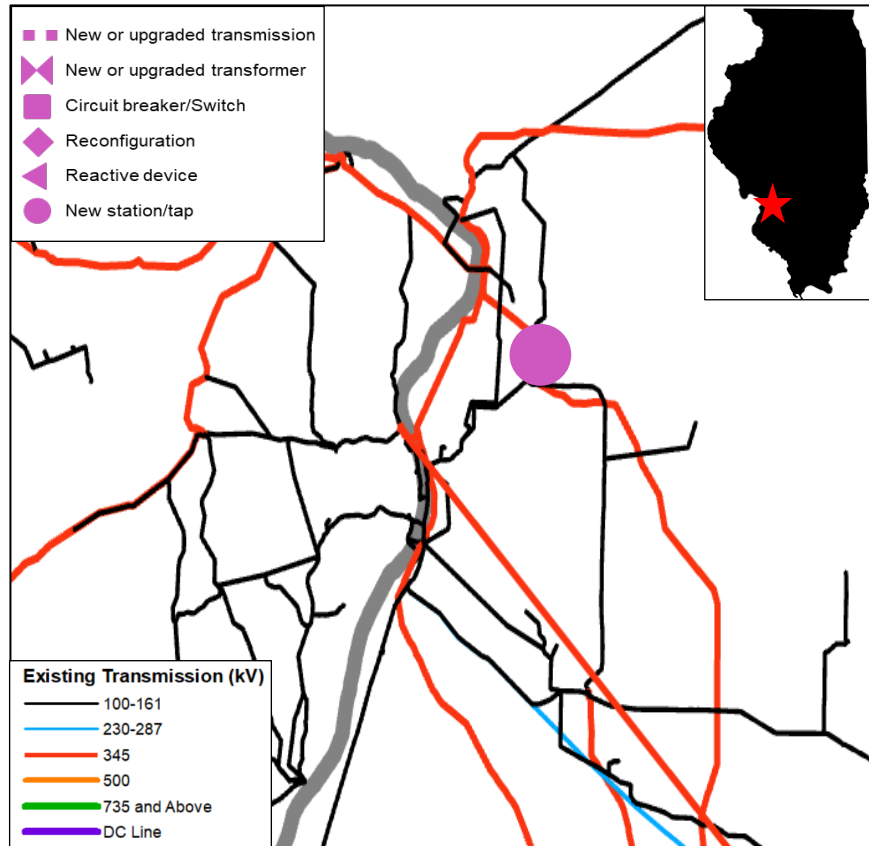
Key Takeaways

- Six (6) EPRs have completed analysis and mitigation representing 1546 MW of new spot load and other reliability concerns
 - Central region representing 5 project for review with 1 Corrective Action Plan (CAP) projects
 - South region representing 1 project for review
- MISO recommends the projects move to the appropriate appendix within MTEP26 the PAC comment period.



[AMIL] New Stallings-Roxford 345 kV Temporary Tap (Truett Phase 0.5)

AMIL: New Stallings-Roxford-4581 345 kV Temporary Tap



Project #	51177
Project Name	New Stallings-Roxford 345 kV Temporary Tap (Truett Phase 0.5)
Project Type	Other, Load Growth
Project Description	Construct temporary tap on Stallings-Roxford 345 kV line to serve 300 MW of customer load. This is temporary until the new Truett 345 kV BAAH substation can be built.
System Need	Customer load request and ISD timeline.
Current Cost	\$0.25M
Expected ISD	12/1/2027
Target Appendix	A in MTEP26

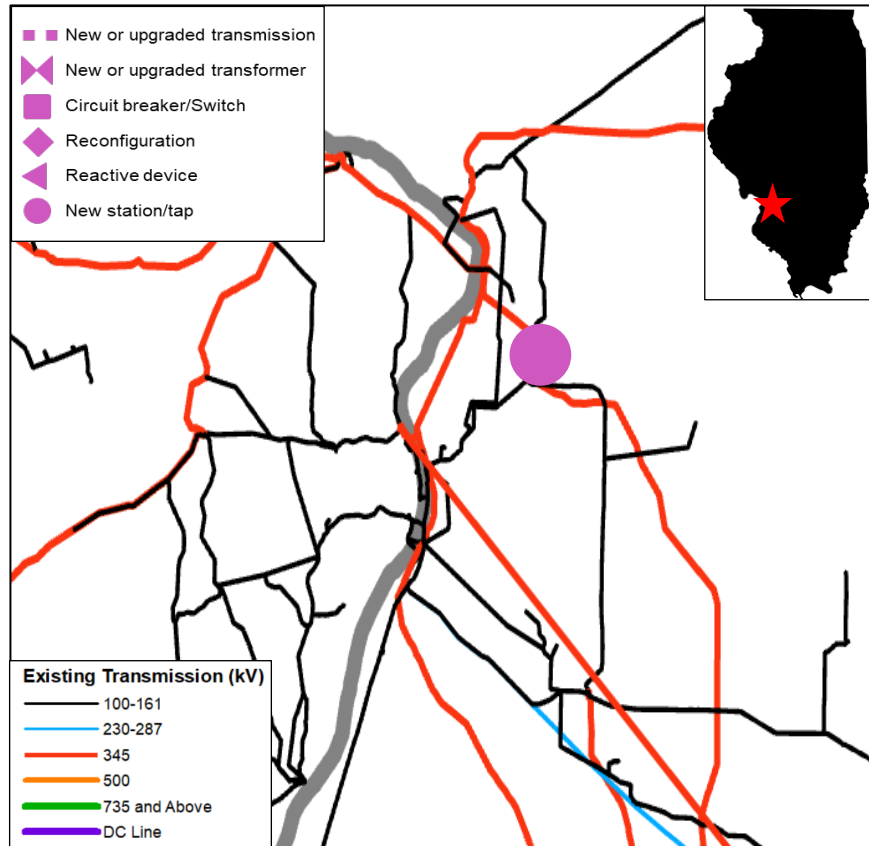
Models, Reliability Analysis, and Neighbor Coordination

- 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
 - All 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.



[AMIL] New Load Addition at New Truett 345 kV Substation (Truett Phase 1)

AMIL: New Load Addition at New Truett 345 kV Substation



Project #	51178
Project Name	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV 10 position ultimate BAAH bus arrangement for the connection of 500 MW customer load addition (200 new). New Truett 345 kV substation will split the existing Stallings-Roxford 345 kV line.
System Need	Customer load request and ISD timeline.
Current Cost	\$34.9M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

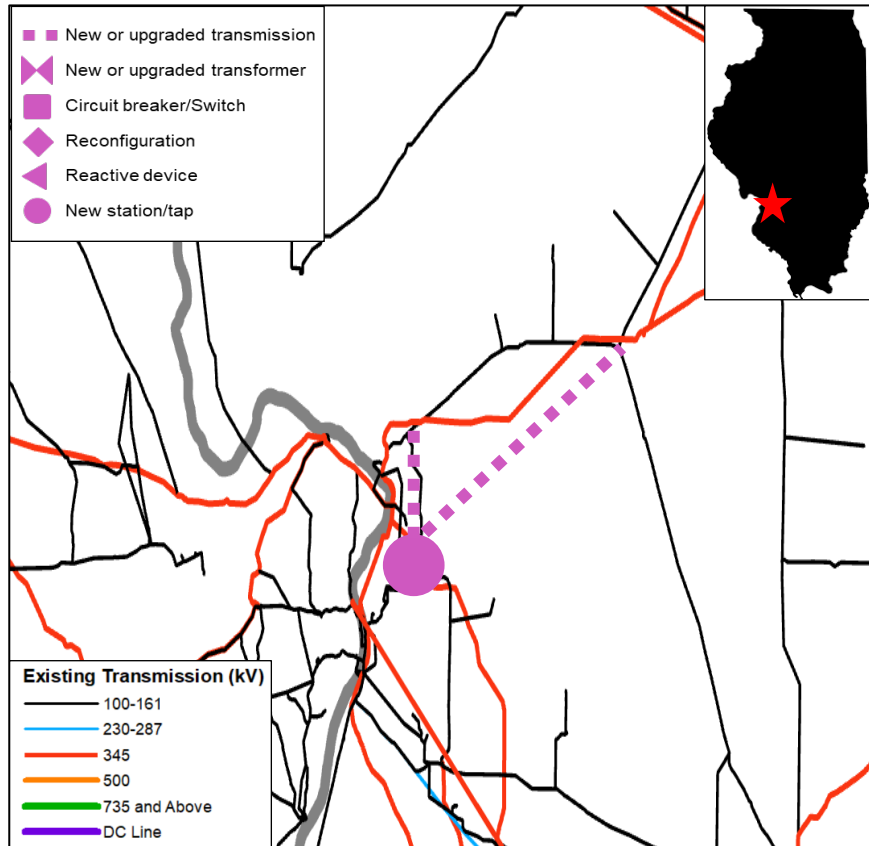
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[AMIL] New 345 kV Lines for New Truett Load Addition (Truett Phase 2)

AMIL: New 345 kV Lines for New Truett Load Addition



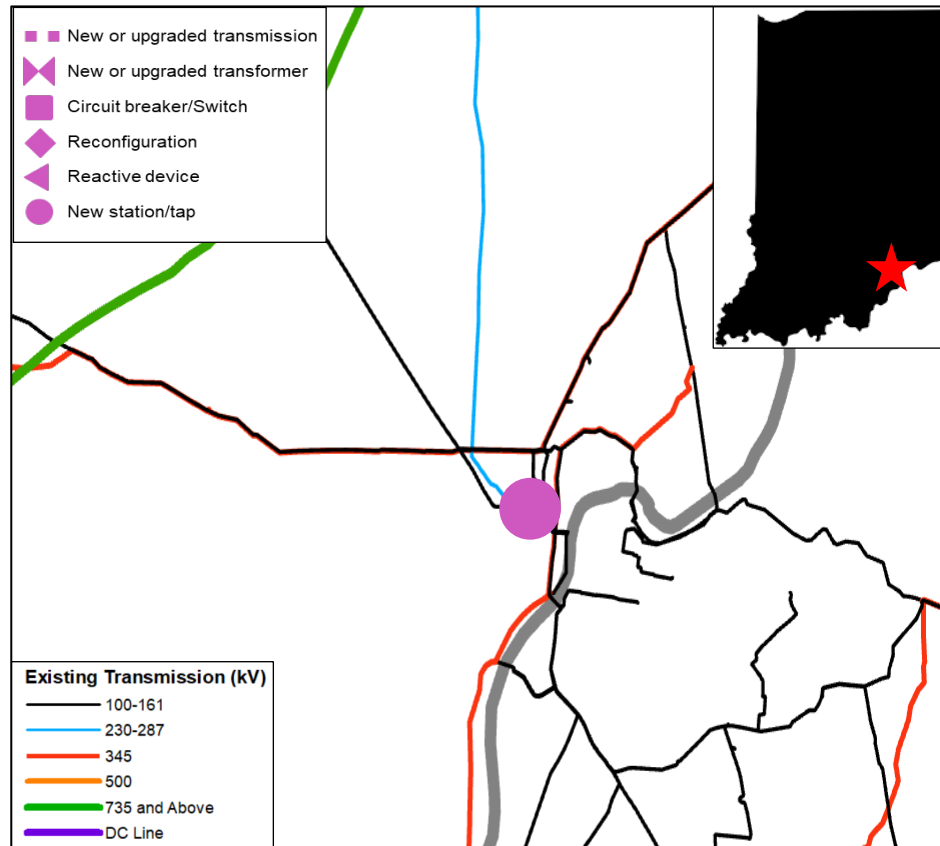
Project #	51179
Project Name	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)
Project Type	Other, Load Growth
Project Description	Construct three new 345 kV lines from Coffeen, Moro, Truett, and Stallings 345 kV substations to support an additional 500 MW of customer load at Truett 345 kV substation.
System Need	Customer load request and ISD timeline.
Current Cost	\$87.3M
Expected ISD	12/1/2030
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

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 - Results were posted for impacted entity feedback
 - All 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.

[DEI] New Gallagher 230 kV Load Addition

DEI: New Gallagher 230 kV Load Addition



Project #	51207
Project Name	New Gallagher 230 kV Load Addition
Project Type	Other, Load Growth
Project Description	Interconnection to existing Gallagher 230 kV infrastructure for approximately 150 MW of crypto load.
System Need	Customer load request and ISD timeline.
Current Cost	\$1.8M
Expected ISD	6/1/2026
Target Appendix	A in MTEP26

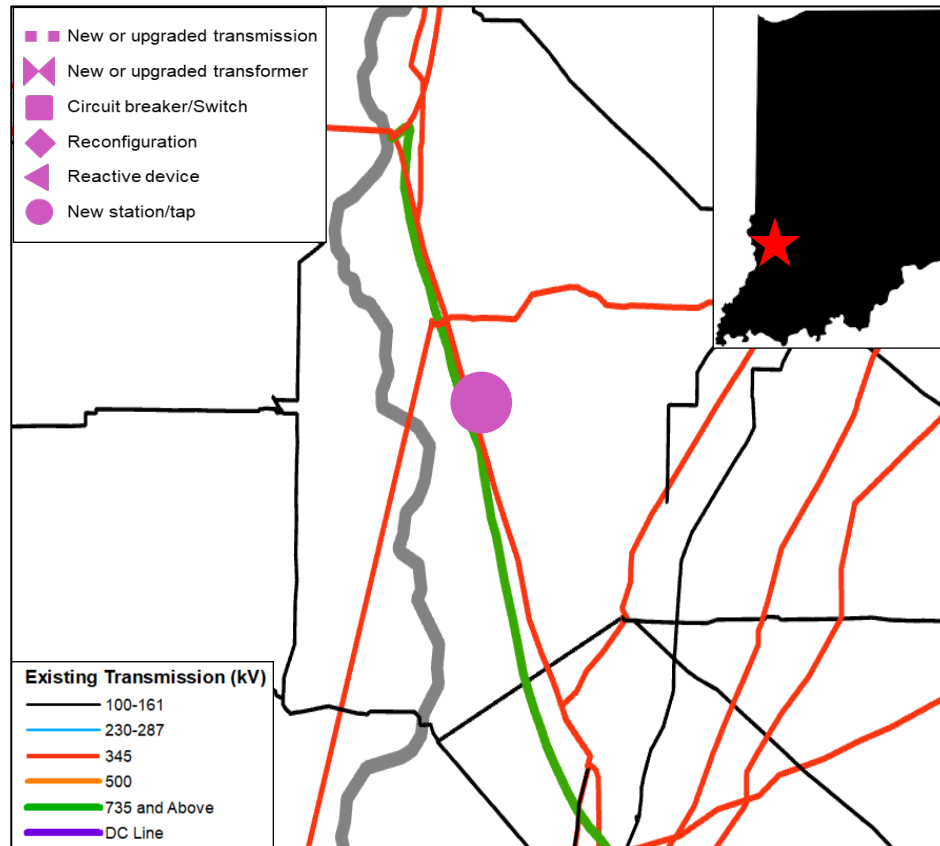
Models, Reliability Analysis, and Neighbor Coordination

- 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
 - All 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



[HE] New Crossroads Transmission Station and Load

HE: New Crossroads Transmission Station and Load



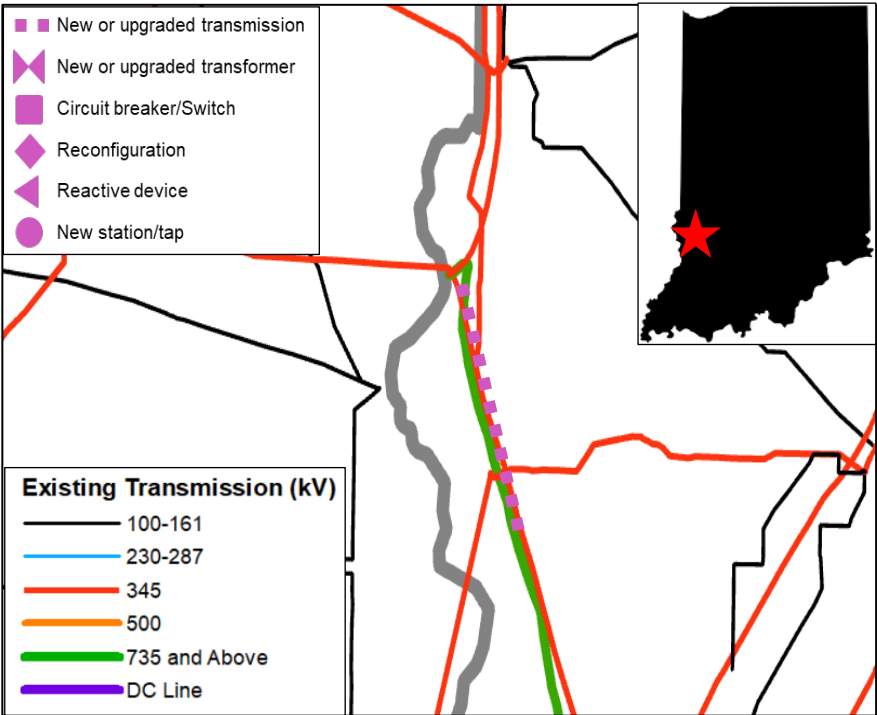
Project #	51145
Project Name	New Crossroads 345 kV Transmission Station and Load
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV breaker and a half station and interconnect a new 300 MW (98.61 MVAR) load.
System Need	To connect a new 300 MW load, it is necessary to construct a new transmission station and interconnect transmission lines.
Current Cost	\$86M
Expected ISD	10/1/2027
Target Appendix	A in MTEP26

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- 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
 - One (1) additional CAP(s) was initially required to mitigate observed issues. All other 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

51237 Corrective Action Plan (CAP)

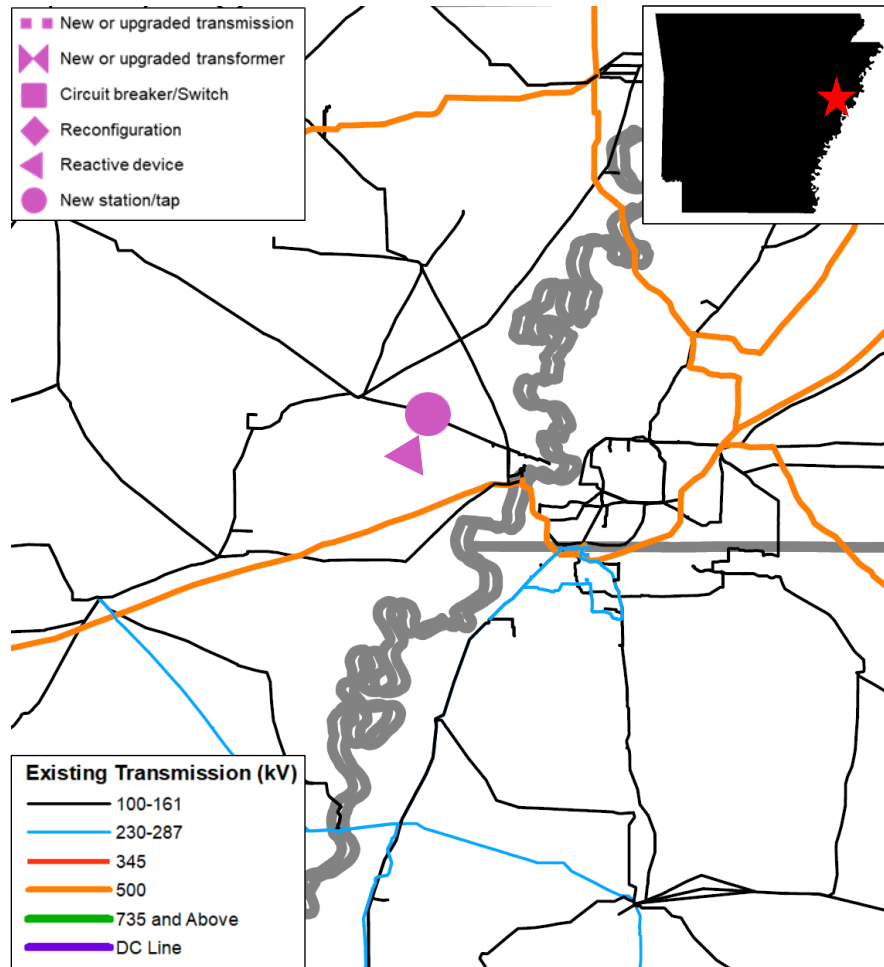
New MTEP26 BRP project



Project #	51237
Project Name	Rebuild Gill to Sullivan 345kV transmission line
Project Type	BRP
Project Description	Rebuild 13.6 miles from Gill to Sullivan 345kV transmission line.
System Need	EPR (EPR cycle December) mitigation for P6 and for Load growth. TPL violations invalidated via February EPR analysis.
Current Cost	\$64M
Expected ISD	04/01/2030
Target Appendix	B in MTEP26

[EES] Garant Bayou 161kV: New Station

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Project #	51205
Project Name	Garant Bayou 161kV: New Station
Project Type	Other, Load Growth
Project Description	Entergy will need to construct a new 161kV three breaker ring switching station on the Parkin – Kuhn Road 161kV line to serve a new 95 MW customer near Marion, AR. A new 36 MVAR capacitor bank will be installed in the 161kV switching station.
System Need	Entergy received a request from a customer adding new load near Marion, AR. Upgrades, including this facility, have been identified as needed due to the load growth.
Current Cost	\$14.5M
Expected ISD	05/31/2028
Target Appendix	A in MTEP26

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Questions?
