



Expedited Project Review Results and Recommendation

Slide 4 Updated 9/3/26

Slide 6 Updated 9/8/26

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

September 8th, 2026

Purpose & Key Takeaway

Purpose

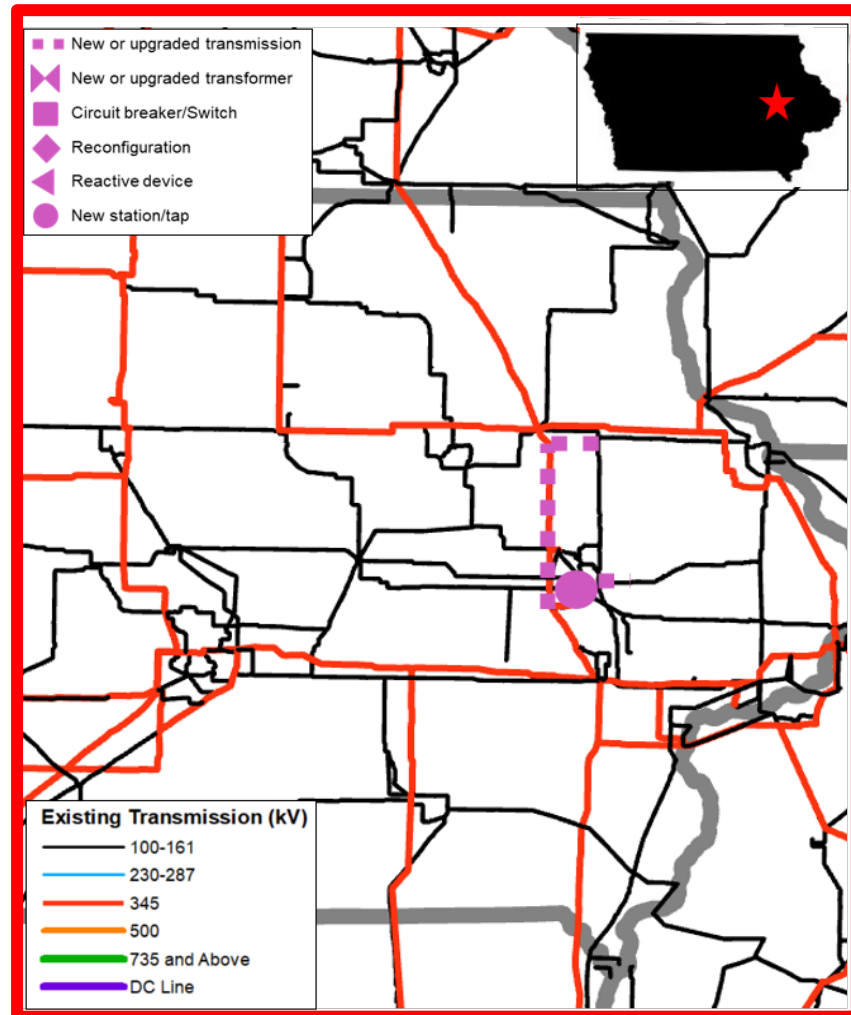
Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways

- Eight (8) EPRs have completed analysis and mitigation representing 6,336 MW of new spot load and other reliability concerns
 - West region representing one (1) project for review
 - Central region representing two (2) projects for review
 - South region representing five (5) projects for review
- One alternative project was submitted and evaluated
- MISO recommends the projects move to MTEP27 Appendix A after the PAC comment period

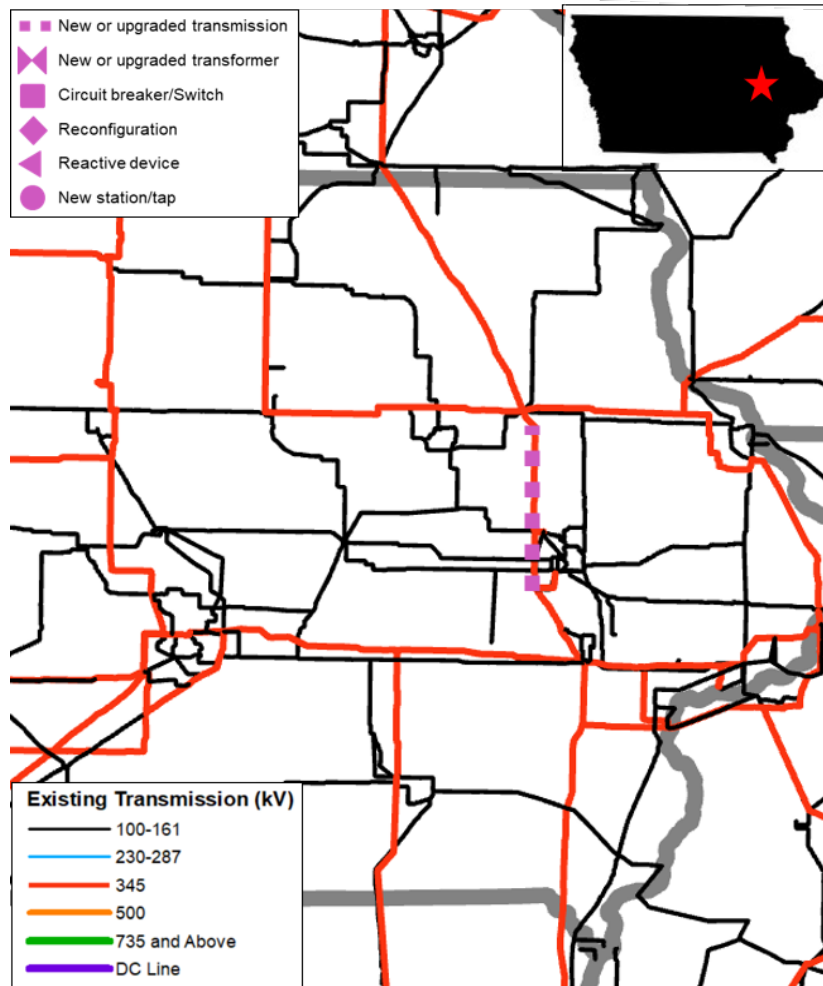
West Region Projects

ITCM: Big Cedar Load Addition



Project #	51259
Project Name	Big Cedar 370 MW Load Addition
Project Type	Other, Load Growth
Project Description	Alliant Energy – Interstate Power and Light Company has requested service for an additional 370 MW of load at the Big Cedar Industrial Park. This 370 MW of additional load will be served from two new radial 345 kV feeds which will provide service to three additional customer owned substations.
System Need	Serve additional 370 MW load request
Current Cost	\$21.8M
Expected ISD	1/1/2029
Target Appendix	A in MTEP26

MEC: MidAmerican Energy Upgrades for Big Cedar Load Addition



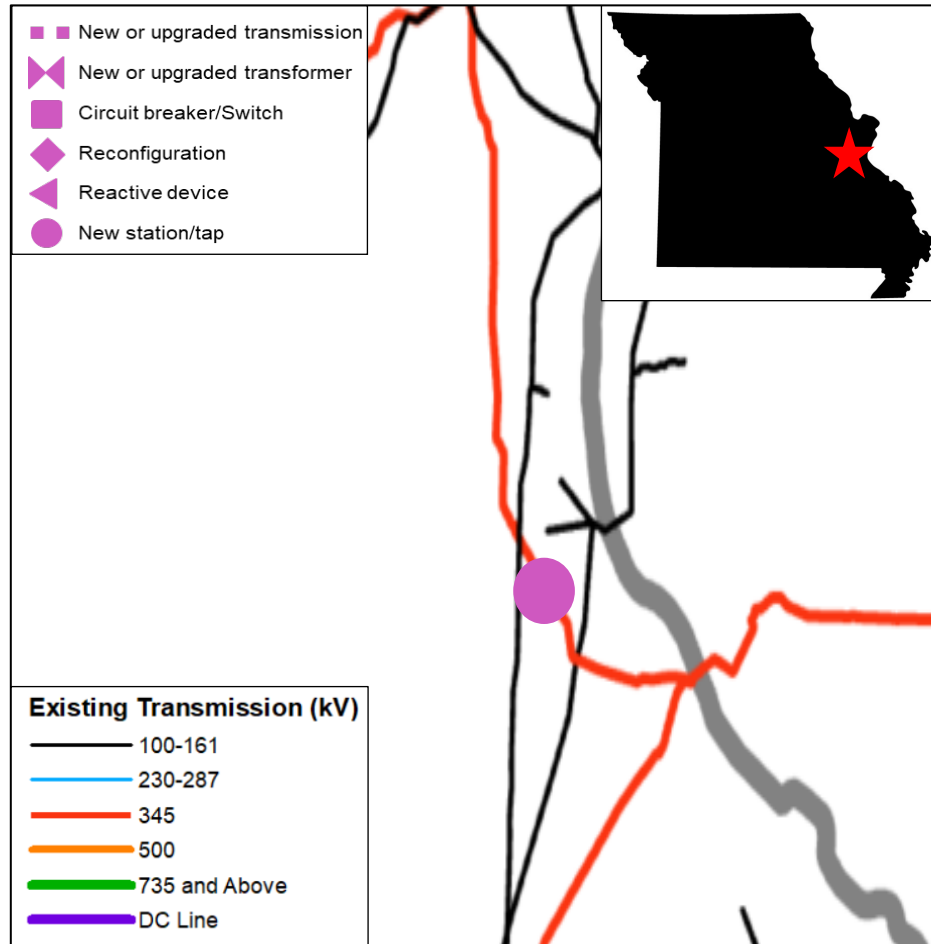
Project #	51416
Project Name	MidAmerican Energy Upgrades for MTEP 51259 Big Cedar 370 MW Load Addition
Project Type	Other, Load Growth
Project Description	Transmission line structure replacements on MidAmerican's section of the Hazleton-Arnold 345 kV line to increase the line rating.
System Need	The project need is to address post-contingent overloads on the Hazleton-Arnold 345 kV line identified in MISO's EPR reliability analysis of MTEP 51259 Big Cedar 370 MW Load Addition.
Current Cost	\$6.5M
Expected ISD	12/31/2028
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
 - ITCM submitted two (2) facilities to project 51259 for observed TPL violations or worsened reliability issues on the MISO system
 - The in-service date for three (3) LRTP facilities from the LRTP-39 project have been moved to 2029 to accommodate this interconnection.
- 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

Central Region Projects

AMMO: New Project Point 345 kV Temporary Tap

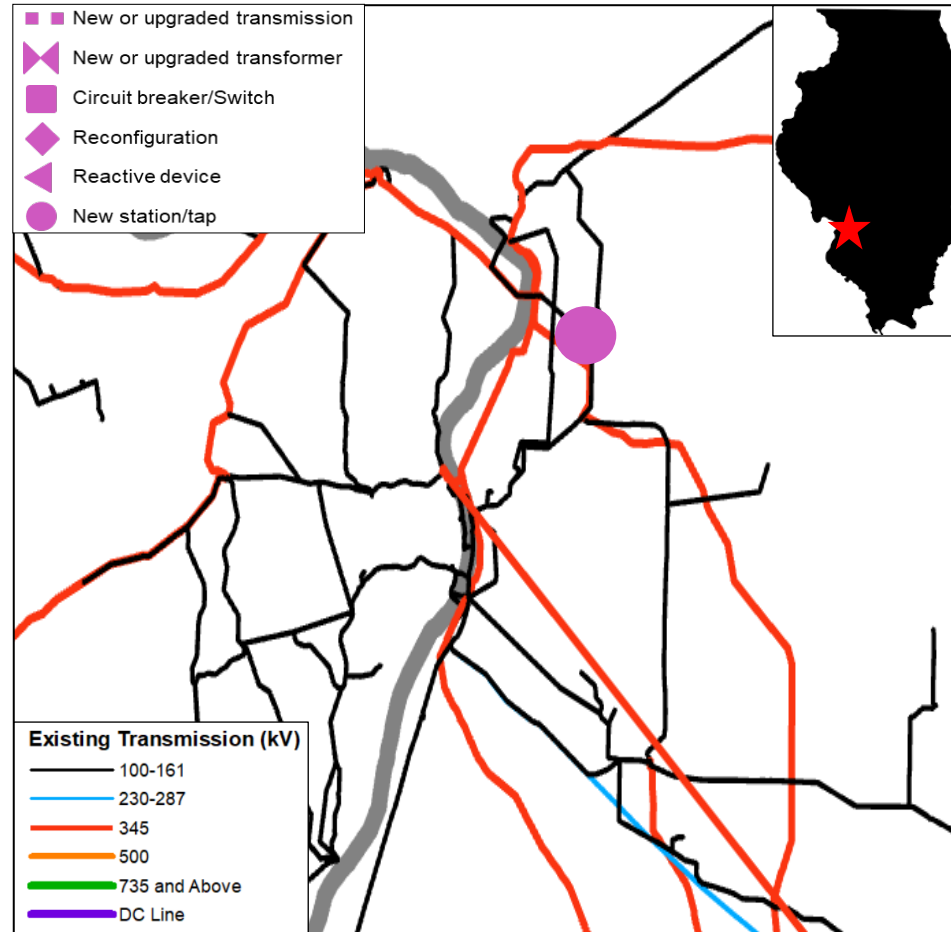


Project #	51323
Project Name	New Project Point 345 kV Temporary Tap
Project Type	Other, Load Growth
Project Description	Temporarily tap the Rush Island-Tyson and Rush Island-Joachim 345 kV lines to supply 600 MW of customer load
System Need	The project was initiated by a request from a customer.
Spot Load Value (MW)	600
Current Cost	\$3M
Expected ISD	6/1/2028
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

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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
 - 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

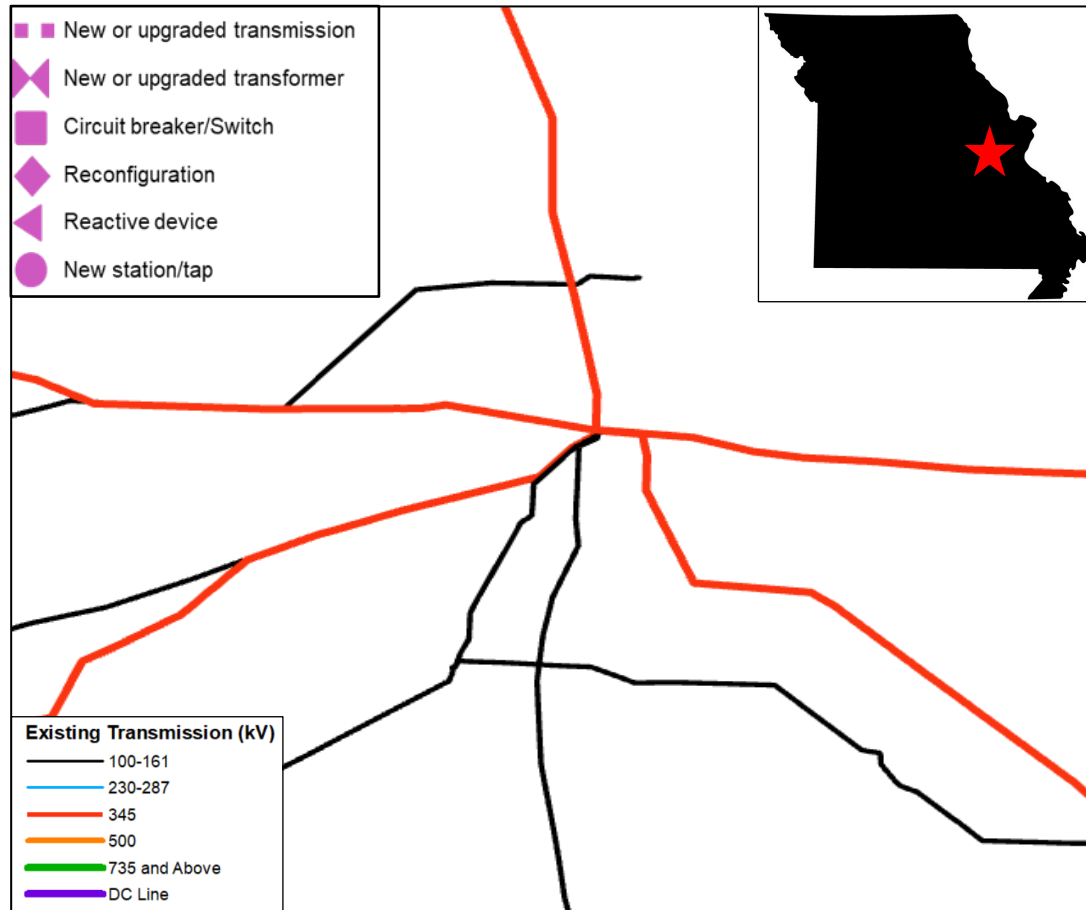
AMIL: Temporary Tap for Truett 500 MW (Truett Phase 1.5)



Project #	51320
Project Name	Temporary Tap for Truett 500 MW (Truett Phase 1.5)
Project Type	Other, Load Growth
Project Description	Tap the existing Roxford-Gateway 345 kV line to supply the customer load of 500 MW. Temporary until final sections of the Coffeen-Moro-Roxford line can be constructed.
System Need	Customer load
Spot Load Value (MW)	500
Current Cost	\$1.5M
Expected ISD	6/1/2029
Target Appendix	A in MTEP26

AMMO: Corrective Action Plan (CAP)

New MTEP26 BRP Project



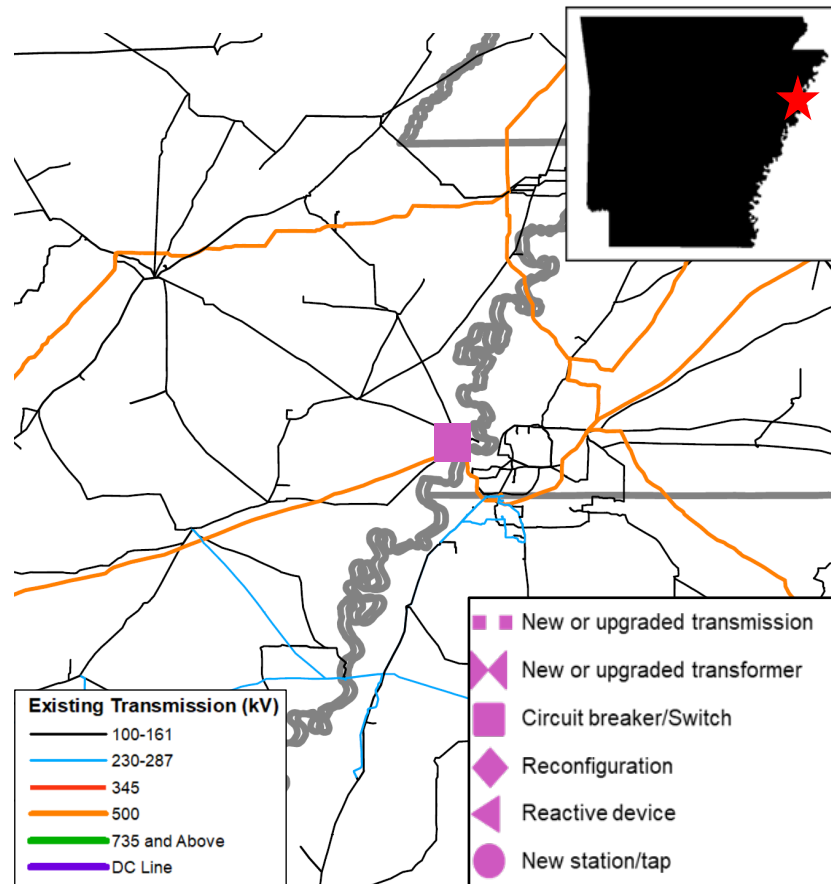
Project #	51390
Project Name	Re-route Montgomery-Burns 345 kV Line to Nightingale 345 kV Substation
Project Type	BRP
Project Description	Re-route one of the Montgomery-Burns 345 kV lines to Nightingale to create a Burns-Nightingale line. Corrective Action Plan (CAP) required for MTEP Project 51320.
System Need	Mitigates NERC TPL P7 event
Current Cost	\$5M
Expected ISD	12/1/2030
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) new MTEP project was developed as a CAP to mitigate observed issues
 - No neighboring entities were impacted based on the analysis results

South Region Projects

EES: Galet 230 kV: Phase 2 Expand Substation

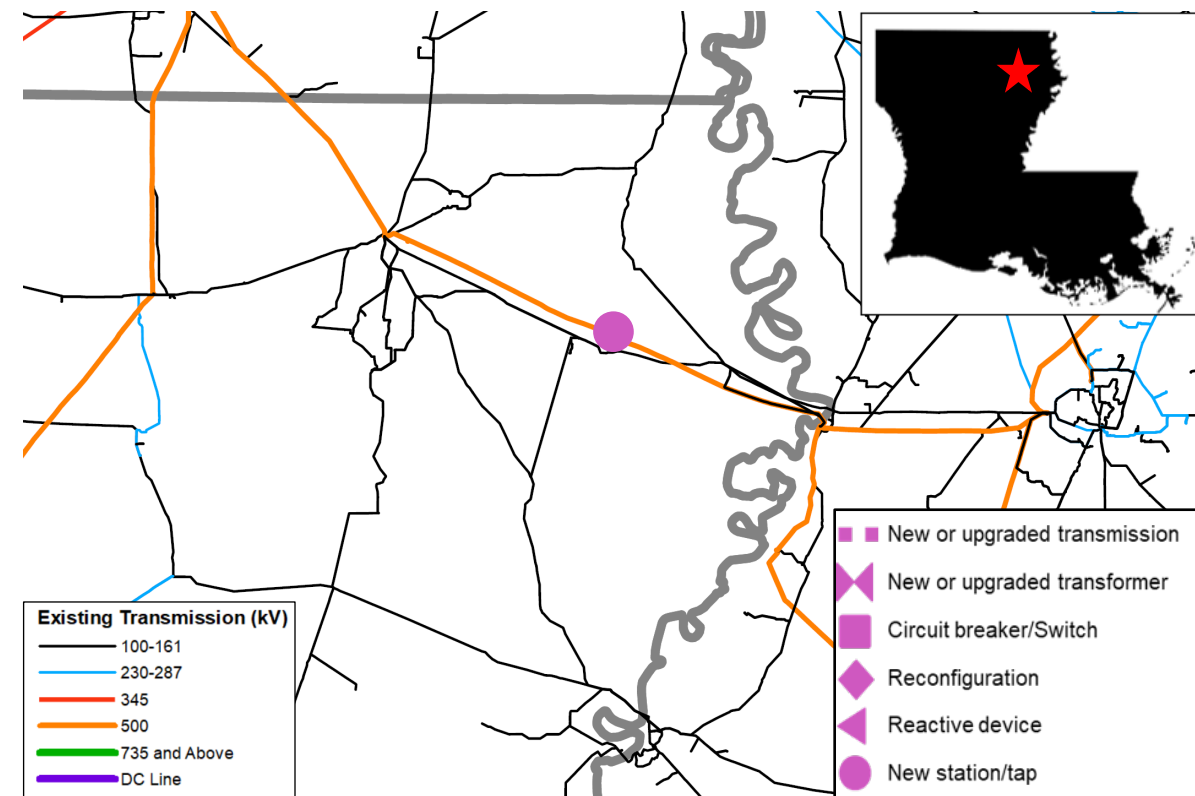


Project #	51238
Project Name	Galet 230kV: Phase 2 Expand Substation
Project Type	Other, Load Growth
Project Description	The Galet 230kV substation will be expanded by adding an additional breaker and a half bay for two additional radial 230kV lines to serve customer stations.
System Need	EPR for customer load growth
Spot Load Value (MW)	250
Current Cost	\$28M
Expected ISD	5/31/2028
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

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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
 - 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

EES: West Fork Creek 500-230 kV Station

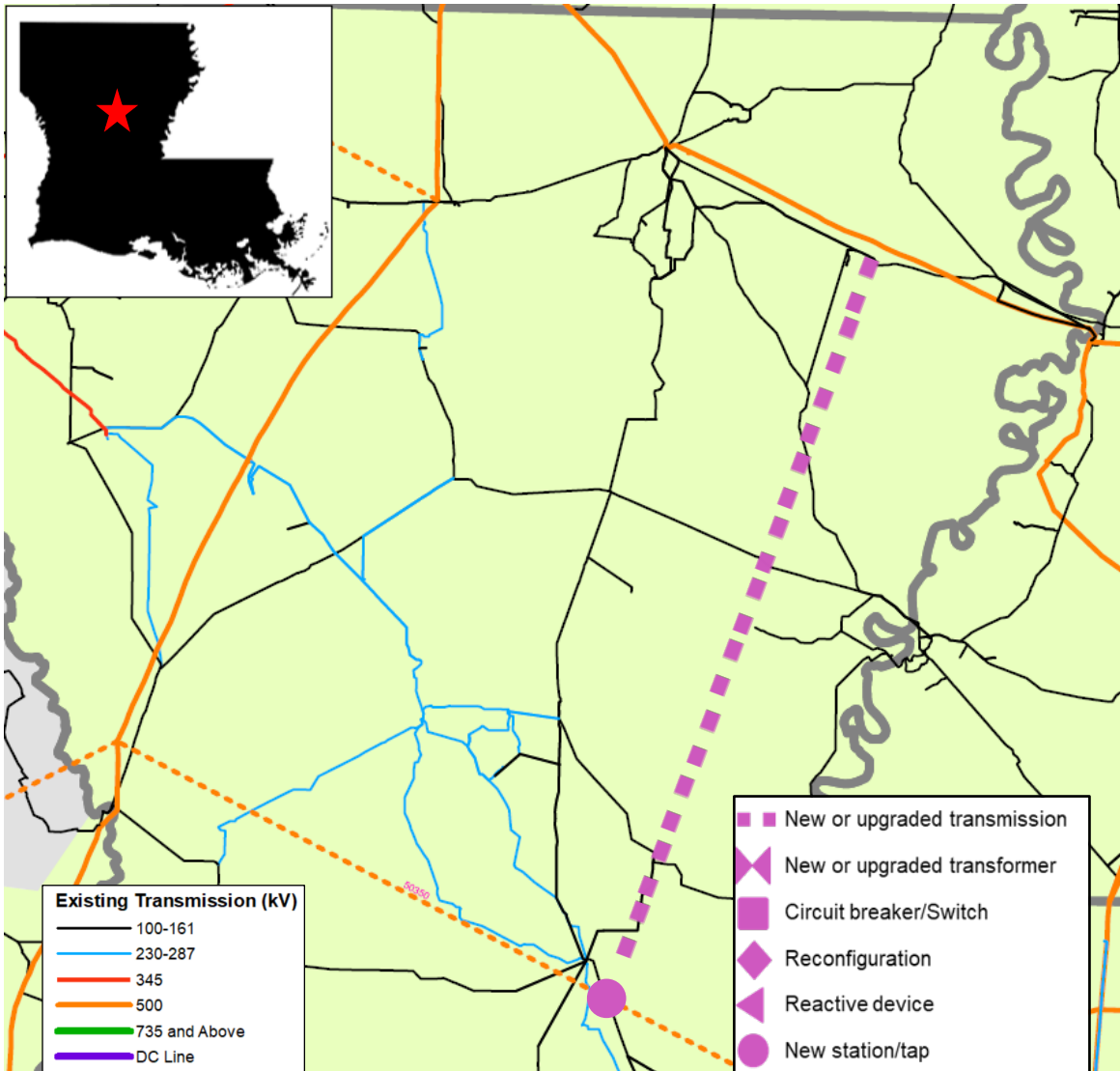


Project #	51262
Project Name	West Fork Creek 500-230 kV Station
Project Type	Other, Load Growth
Project Description	Entergy is proposing to construct a new 500/230 kV station named West Fork Creek to serve a customer load cut into the existing Car Gas Road-Smalling 500 kV line #1 and Car Gas Road-Smalling 500 kV line #2 in North Louisiana. The 230 kV station will feed the customer's load at 230 kV auxiliary stations.
System Need	Entergy received a request from a customer to add load in North Louisiana. These facilities were identified as needed due to the load growth.
Spot Load Value (MW)	1.0
Current Cost	\$1.1B
Expected ISD	8/1/2030
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

EES: West Fork Creek to St Landry 500 kV Project

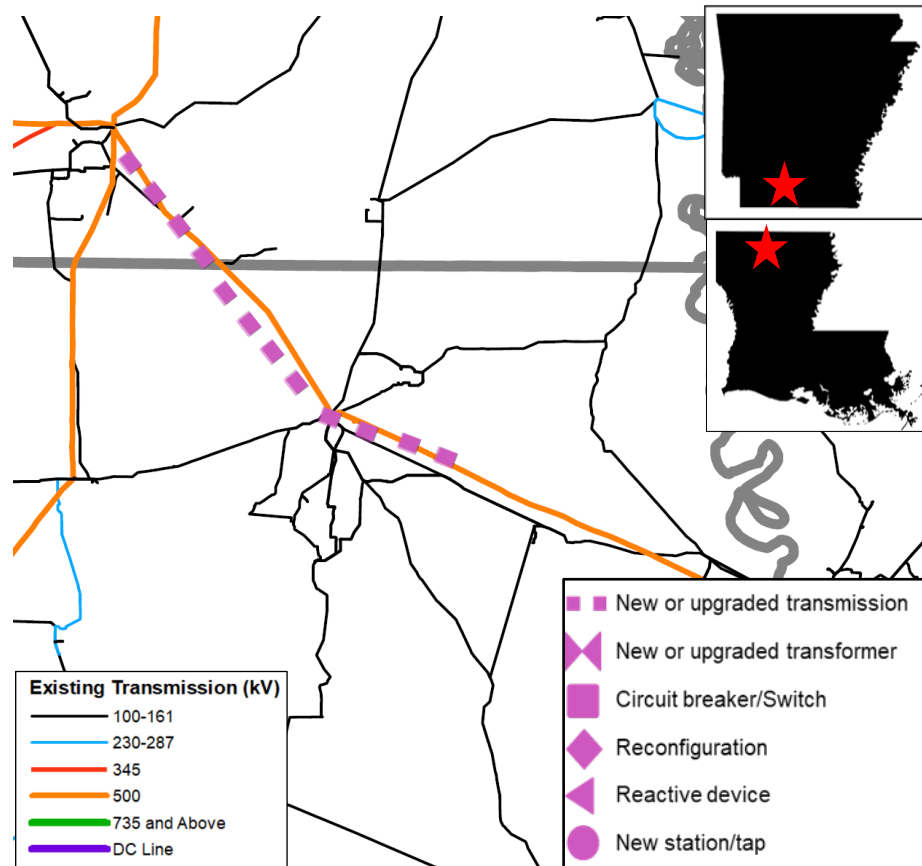


Project #	51263
Project Name	West Fork Creek to St Landry 500 KV Project
Project Type	Other, Local Reliability
Project Description	Entergy is proposing to construct: • New 500 kV St. Landry switching station cut into the Babel – Webre 500 kV line • Construct a ~153 mile 500 kV line from St Landry 500 kV to West Fork Creek 500 kV • Install one additional line bay at West Fork Creek 500 kV for the West Fork Creek – St. Landry 500 kV line • Install reactors at St Landry 500 kV and West Fork Creek 500 kV • Upgrade Wise 230 kV breakers S0436, S0439, S0442, S0306, S0309, S0338, S0279, S0282, S0285, S0102, S0105, S0108, S0142, S0147 to 80 kA. • Upgrade Iberville 230 kV breakers S1252, S1255, S1258, S1265 to 80 kA. • Upgrade Panama 230 kV breaker S2811 and Conway 230 kV breaker 20190 to 63 kA.
System Need	Entergy received a request from a customer to add load in North Louisiana. These facilities were identified as needed due to the load growth. Short circuit analysis has revealed the need to upgrade the breakers listed in the project's scope due to fault interrupting capability.
Spot Load Value (MW)	N/A
Current Cost	\$1.48B
Expected ISD	12/1/2031
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

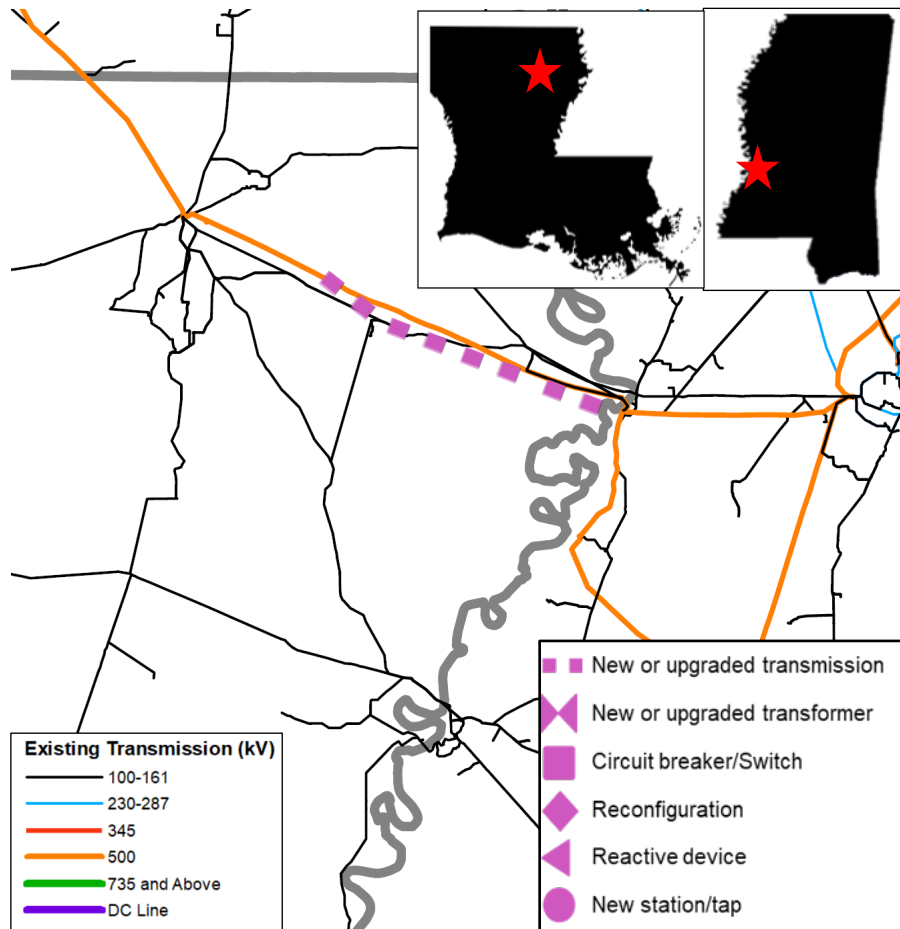
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
 - Results were posted 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

EES: El Dorado to Smalling 500 kV Project



Project #	51264
Project Name	El Dorado to Smalling 500 kV Project
Project Type	BRP
Project Description	Entergy is proposing to construct • New ~ 86 mile (~60 miles in LA, ~26 miles in AR) El Dorado – Smalling 500 kV line • Upgrade 500 kV Breakers R4516 and R1430 at Perryville Substation to 50 kA • Upgrade 500 kV Breakers R5249, R9912, R2092, R7266, and R4582 at Sterlington Substation to 50 kA. • Upgrade 230 kV Point Pleasant Breaker S1589 to 63kA.
System Need	Entergy received a request from a customer to add load in North Louisiana. These facilities were identified as needed to maintain compliance with NERC TPL Standards and Entergy Transmission Local Planning Criteria following the addition of load.
Spot Load Value (MW)	N/A
Current Cost	\$900M
Expected ISD	1/1/2031
Target Appendix	A in MTEP26

Alternative Submission: Baxter Wilson to Smalling 500 kV Alternative to 51264 – El Dorado to Smalling 500 kV Project

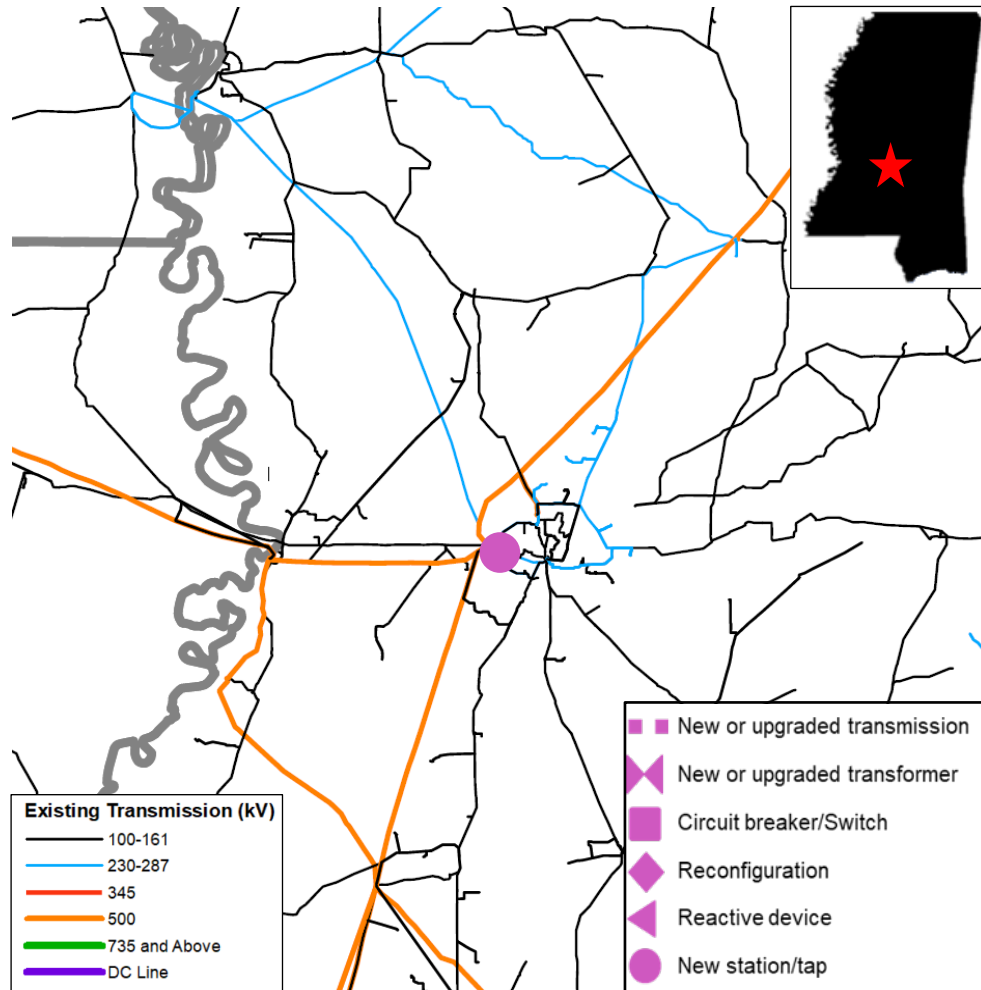


Project #	N/A
Project Name	Baxter Wilson to Smalling 500 kV
Project Type	BRP
Project Description	Proposal to construct a new 500 kV line from Baxter Wilson to Smalling as an alternative to MTEP project 51264. Not selected due to excess reliability issues not present in project 51264.
System Need	---
Spot Load Value (MW)	
Current Cost	N/A
Expected ISD	
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

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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) alternative project was evaluated but not selected
 - 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

EES: Marquette 230 kV New Station



Project #	51298
Project Name	Marquette 230 kV New Substation
Project Type	Other, Load Growth
Project Description	Entergy is proposing to construct a new 230 kV station named Marquette to serve a new customer cut into the existing South Jackson - Rankin 230 kV line near Brandon, MS. A new 61 MVAR capacitor bank will be installed in the switching station. The Marquette 230 kV station will be a breaker and a half substation.
System Need	---
Spot Load Value (MW)	116
Current Cost	\$27.9M
Expected ISD	6/1/2027
Target Appendix	A in MTEP26

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Questions?
