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Expedited Project Review Results and Recommendation

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

January 6, 2026

Executive Summary

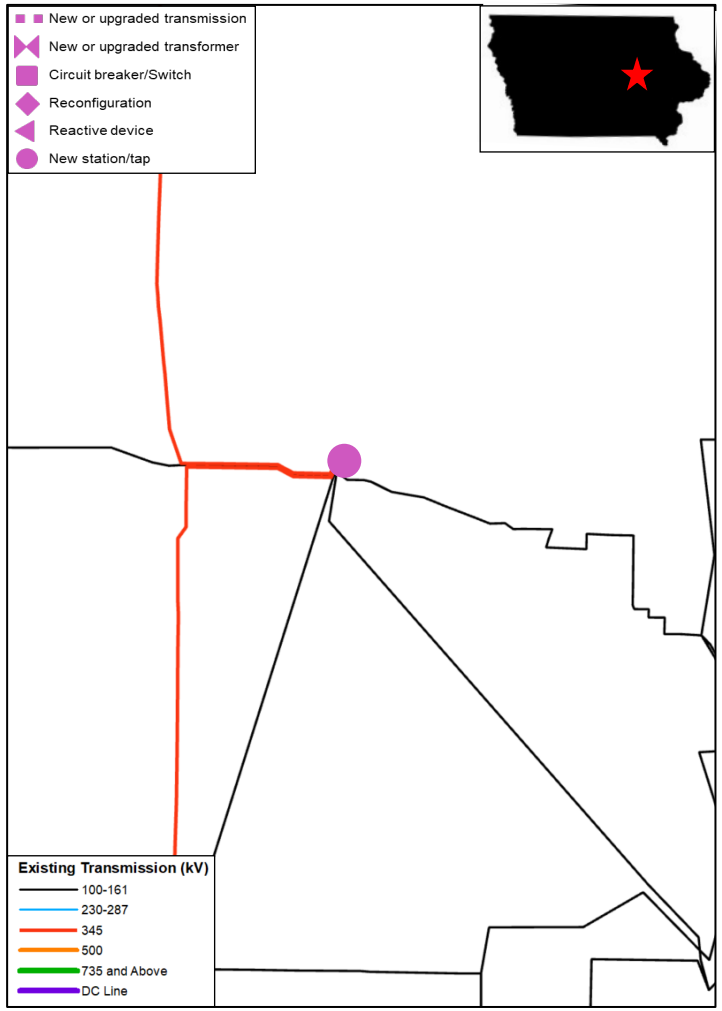


Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

- Twenty-two (22) EPRs have completed analysis and mitigation representing 3705 MW of new spot load and other reliability concerns
  - Central region representing 16 projects for review
  - West region representing 2 projects for review
  - South region representing 4 projects for review
- MISO recommends the projects move to MTEP26 Appendix A after the PAC comment period.

[ITCM] Linn County 620 MW Load Addition



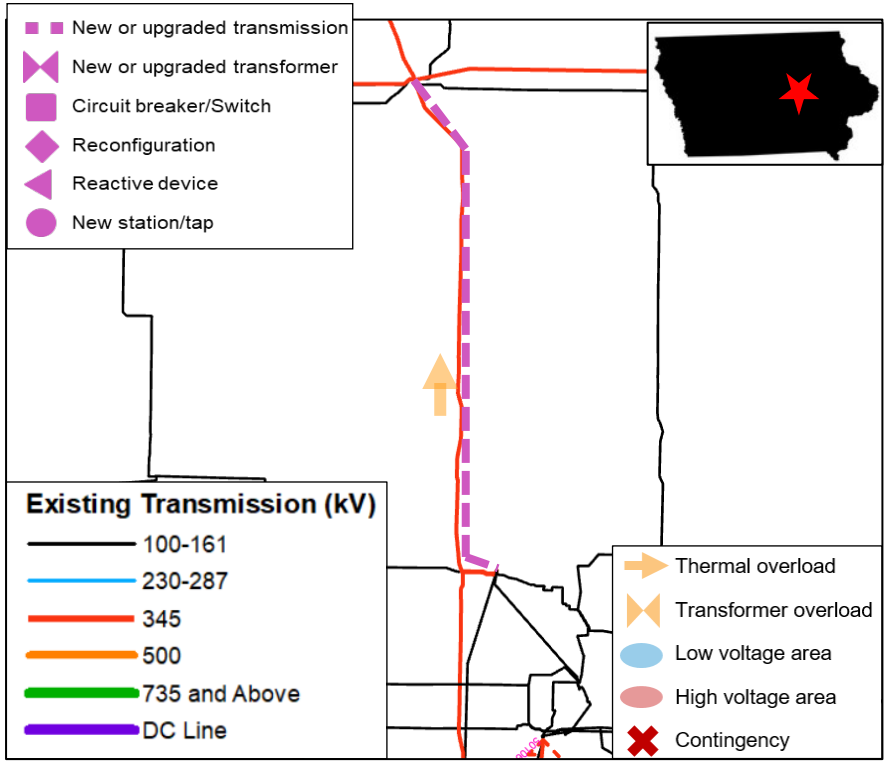


Project #	50775
Project Name	Linn County 620 MW Load Addition
Project Type	Other, Load Growth
Project Description	Central Iowa Power Cooperative (CIPCO) on behalf of its member Linn County Rural Electric Cooperative (Linn County REC) has requested to interconnect a new 620 MW load that will be served from the Duane Arnold Energy Center (DAEC) 161 kV bus via four new radial 161 kV lines that will be owned and operated by CIPCO. To accommodate the requested load interconnection, ITC Midwest will expand the 161 kV bus at DAEC to provide 4 additional 161 kV bus positions.
System Need	To accommodate the requested load interconnection, 4 new 161 kV bus positions need to be added on the DAEC 161 kV bus to facilitate interconnection of the 4 new CIPCO radial 161 kV lines to the new load. No other upgrades were identified as being required to support the requested load interconnection.
Current Cost	$11.26 M
Expected ISD	07/01/2028
Target Appendix	A in MTEP26

- 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.

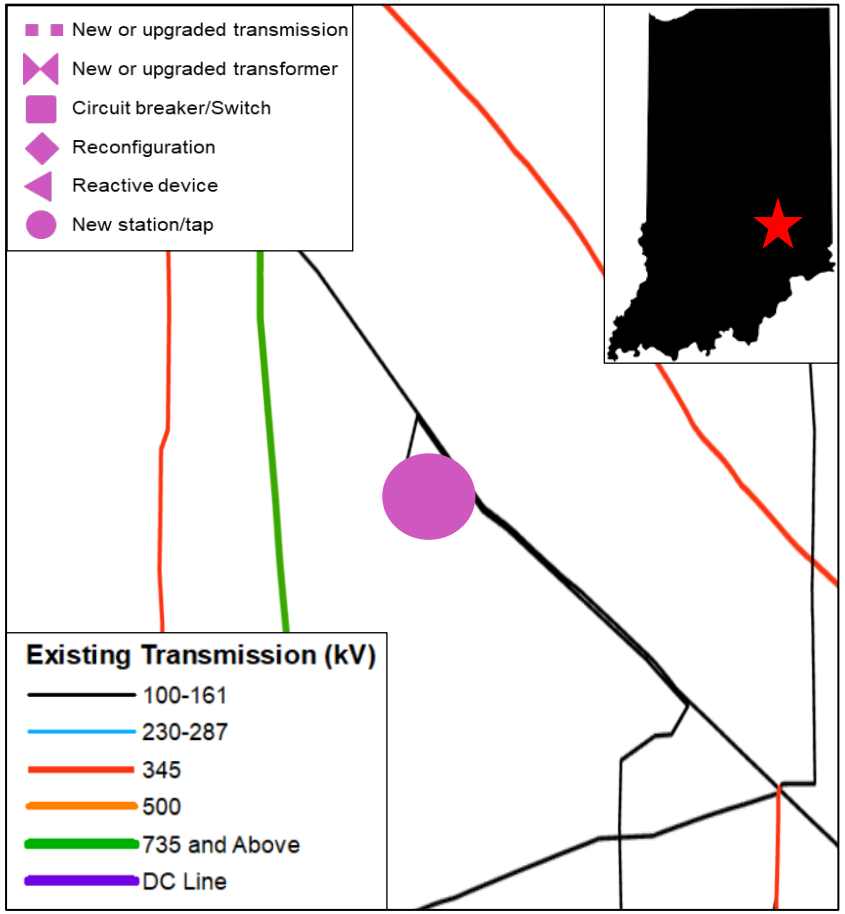
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - One (1) additional CAP was required to mitigate observed issues

- 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



Project #	51174
Project Name	MidAmerican Energy Upgrades for MTEP 50775 Linn County 620 MW Load Addition
Project Type	BRP
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 50775 Linn County 620 MW Load Addition.
Current Cost	$1.2M
Expected ISD	07/01/2028
Target Appendix	A in MTEP26

[HE] New Greensburg 138 kV Substation for New Load Addition



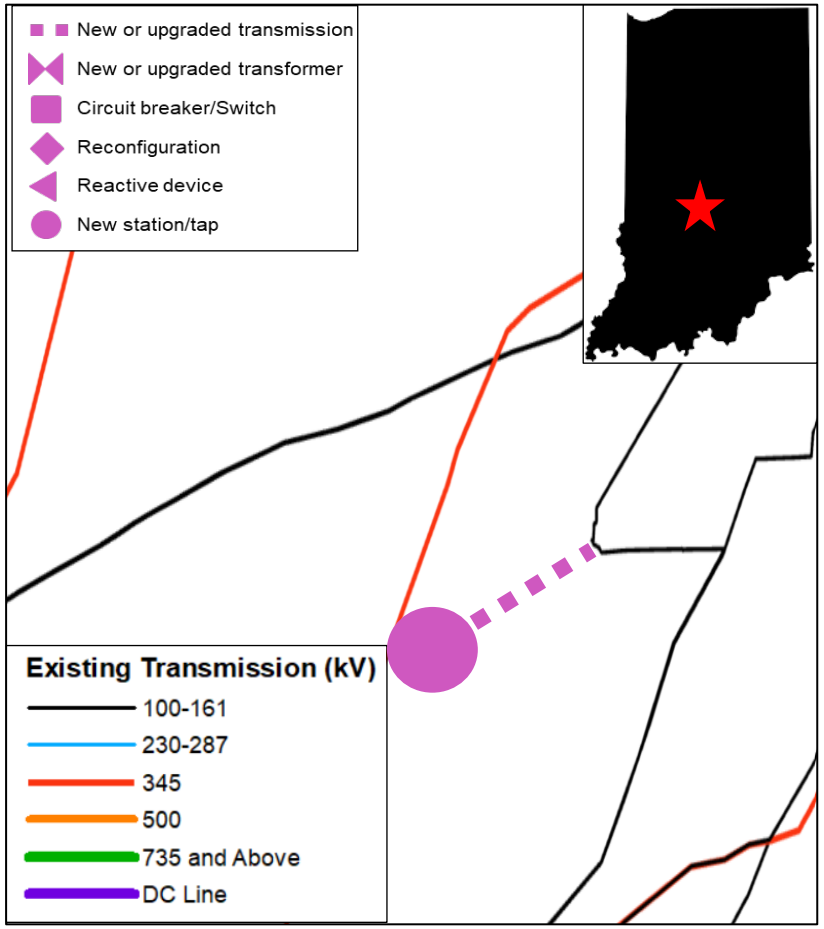
Project #	51051
Project Name	New Greensburg 138 kV Load Addition
Project Type	Other, Load Growth
Project Description	Construct a new 138 kV ring bus on the Decatur – Honda 138 kV line to serve a new large load. The new large load has a total estimated load of 50 MW.
System Need	A new large load has a total estimated load of 50 MW. To serve this, new 138 kV facilities are required.
Current Cost	$11.1 M
Expected ISD	07/01/2028
Target Appendix	A in MTEP26

- 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
  - Zero (0) new TPL violations or worsened reliability issues were identified

- No neighboring entities were impacted based on the analysis results.

[HE] New Morgan County 345/69 kV Transmission Station and 69 kV Line



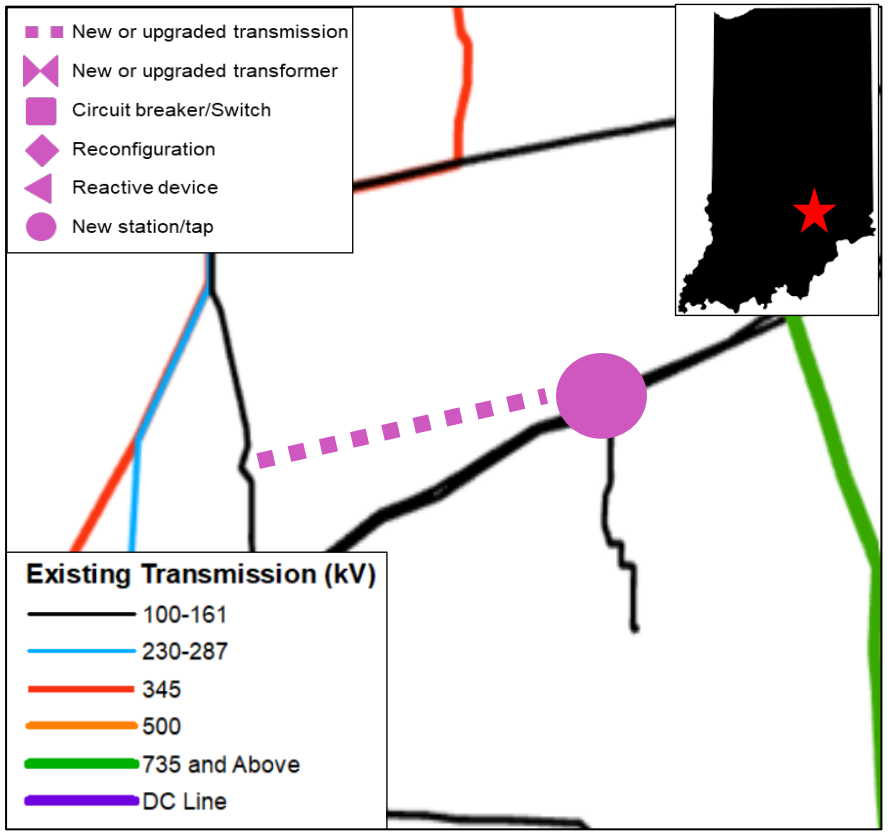
Project #	51088
Project Name	New Morgan County 345/69 kV Transmission Station and 69 kV Line
Project Type	Other, Local Reliability
Project Description	Construct a new 345 kV ring bus station on the Thompson – Petersburg 345 kV line between Thompson and Antioch with a 69 kV low side station. Construct a new 3.65-mile 69 kV line from the new Morgan Co transmission station to HE Mooresville tap.
System Need	The Hoosier 69 kV system in Morgan County is currently served from four-way 69 kV switch between DEI Plainfield South and Centerton. Bringing in a new source from the 345 kV system will substantially improve the reliability of the area and reduce difficulty managing load growth.
Current Cost	$44.3 M
Expected ISD	12/01/2030
Target Appendix	A in MTEP26

- 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
  - Zero (0) new TPL violations or worsened reliability issues were identified

- No neighboring entities were impacted based on the analysis results.

[HE] New Jennings County 161/69 kV Transmission Station and 69 kV Line



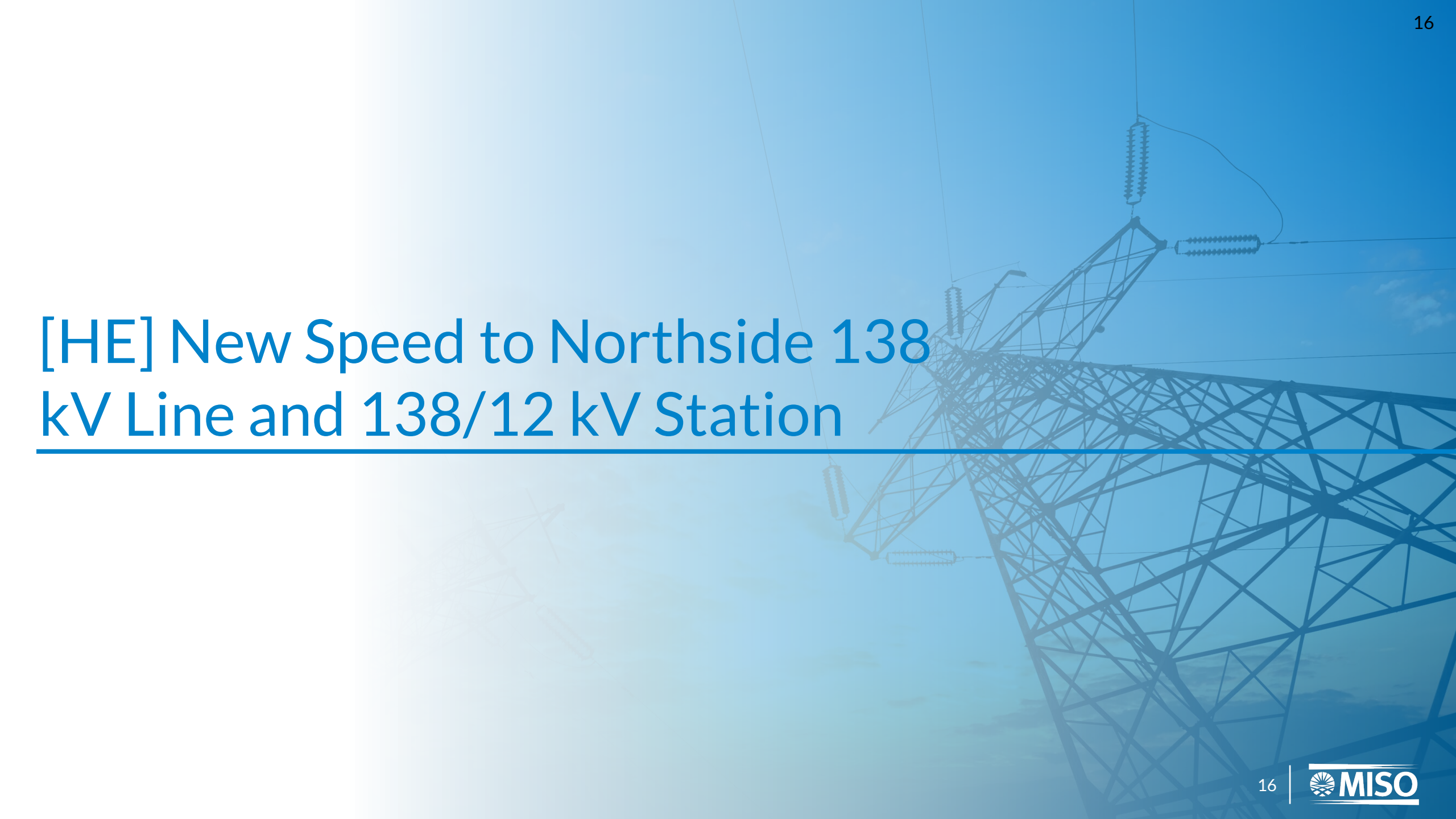
Project #	51089
Project Name	New Jennings County 161/69 kV Transmission Station and 69 kV Line
Project Type	Other, Local Reliability
Project Description	Construct a new 161 kV ring bus on the Lawrence – Napoleon 161 kV line near Selmier Junction and a 69 kV low side ring bus. Construct new 17.9-mile 69 kV line from Jennings 69 kV station to Waynesville 69 kV station.
System Need	The industrial loads currently served by Selmier station cannot be effectively supported from the existing 69 kV system when the 161 kV system is unavailable. Constructing a new ring bus at this location will improve the reliability of the area and allow the existing 69 kV system to be reinforced.
Current Cost	$56.9 M
Expected ISD	12/01/2028
Target Appendix	A in MTEP26

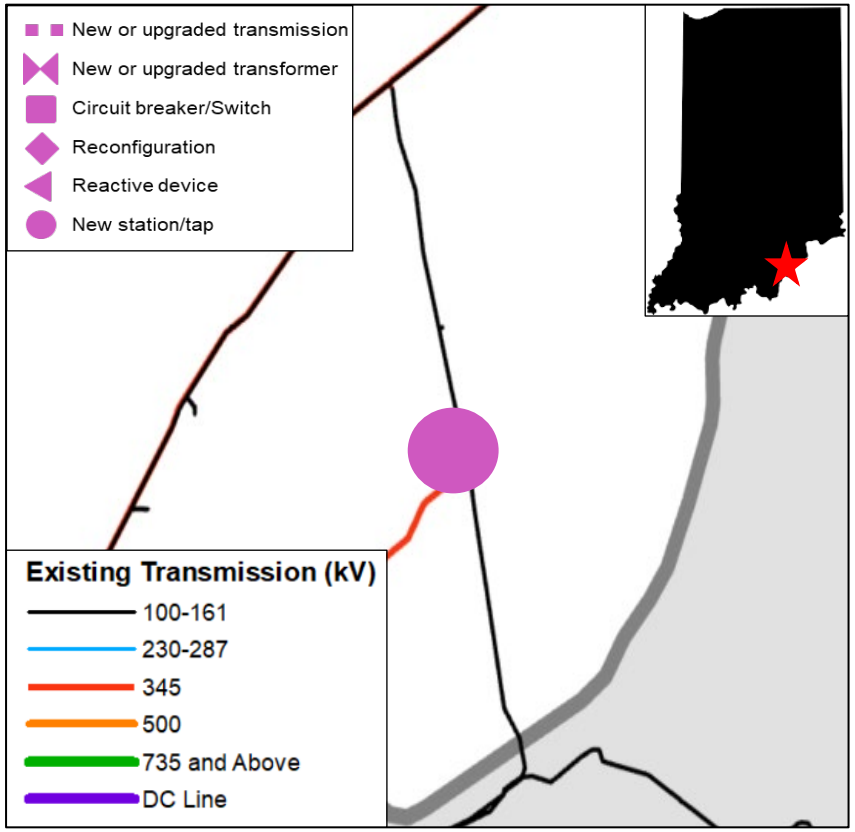
- The EPR was applied to all applicable MTEP models based on the in-service date. Models were posted for submitting TO review prior to analysis.

- 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
  - Zero (0) new TPL violations or worsened reliability issues were identified

- No neighboring entities were impacted based on the analysis results.

[HE] New Speed to Northside 138 kV Line and 138/12 kV Station





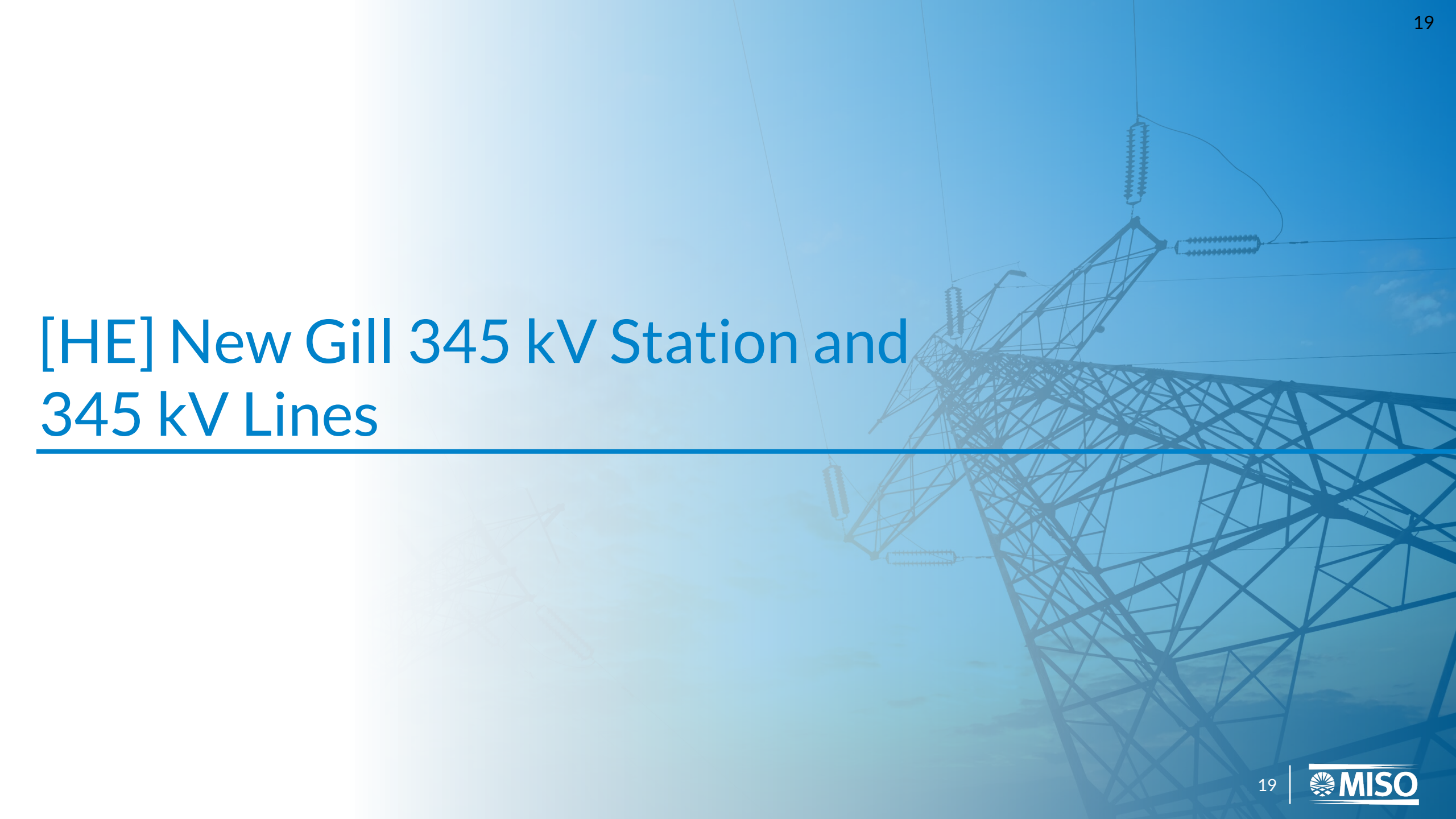
Project #	51090
Project Name	New Speed to Northside 138 kV Line and 138/12 kV Station
Project Type	Other, Load Growth
Project Description	Construct a new 9-mile 138 kV line from WVPA Speed 138 kV station to LGEE Northside 138 kV station. Construct a new 138/12 kV distribution station along the line to serve 15 MW new industrial load.
System Need	The combination of a new load request and existing constraints serving distribution customers along I-65 in Clark Co requires a new distribution station. The nearest transmission lines are blocked by the Clark Co Airport. New transmission needs to be brought into the area to serve the load.
Current Cost	$27.2 M
Expected ISD	3/1/2028
Target Appendix	A in MTEP26

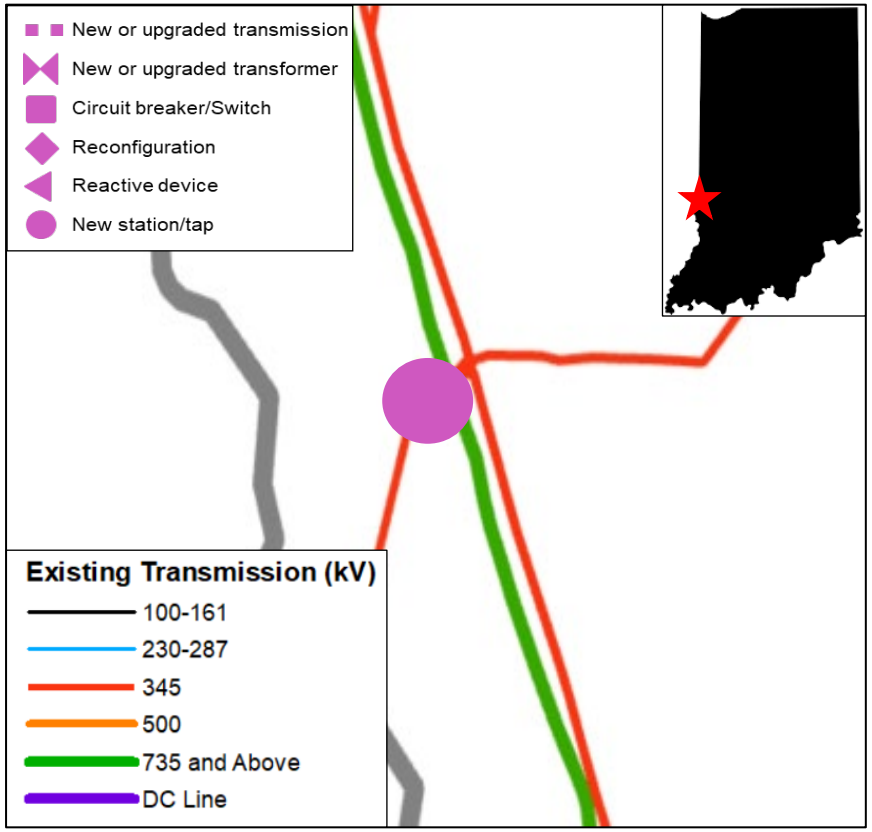
- The EPR was applied to all applicable MTEP models based on the in-service date. Models were posted for submitting TO review prior to analysis.

- 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
  - Zero (0) new TPL violations or worsened reliability issues were identified

- No neighboring entities were impacted based on the analysis results.

[HE] New Gill 345 kV Station and 345 kV Lines



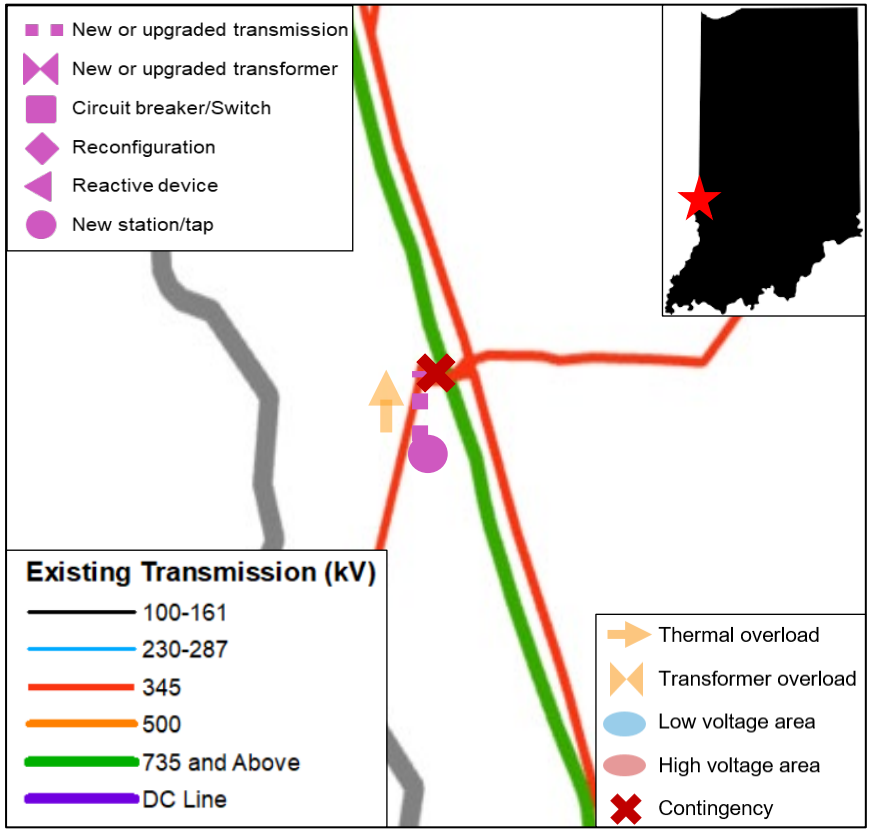


Project #	51093
Project Name	New Gill 345 kV Station and 345 kV Lines
Project Type	Other, Load Growth
Project Description	Approximately 1 mile south of Merom station, expand the Merom 345kV straight bus station into a 345 kV breaker-and-a-half station, located in Sullivan County, IN.
System Need	To serve expanding data center load up to and additional 960 MW.
Current Cost	$75.3 M
Expected ISD	01/01/2028
Target Appendix	A in MTEP26

- 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.

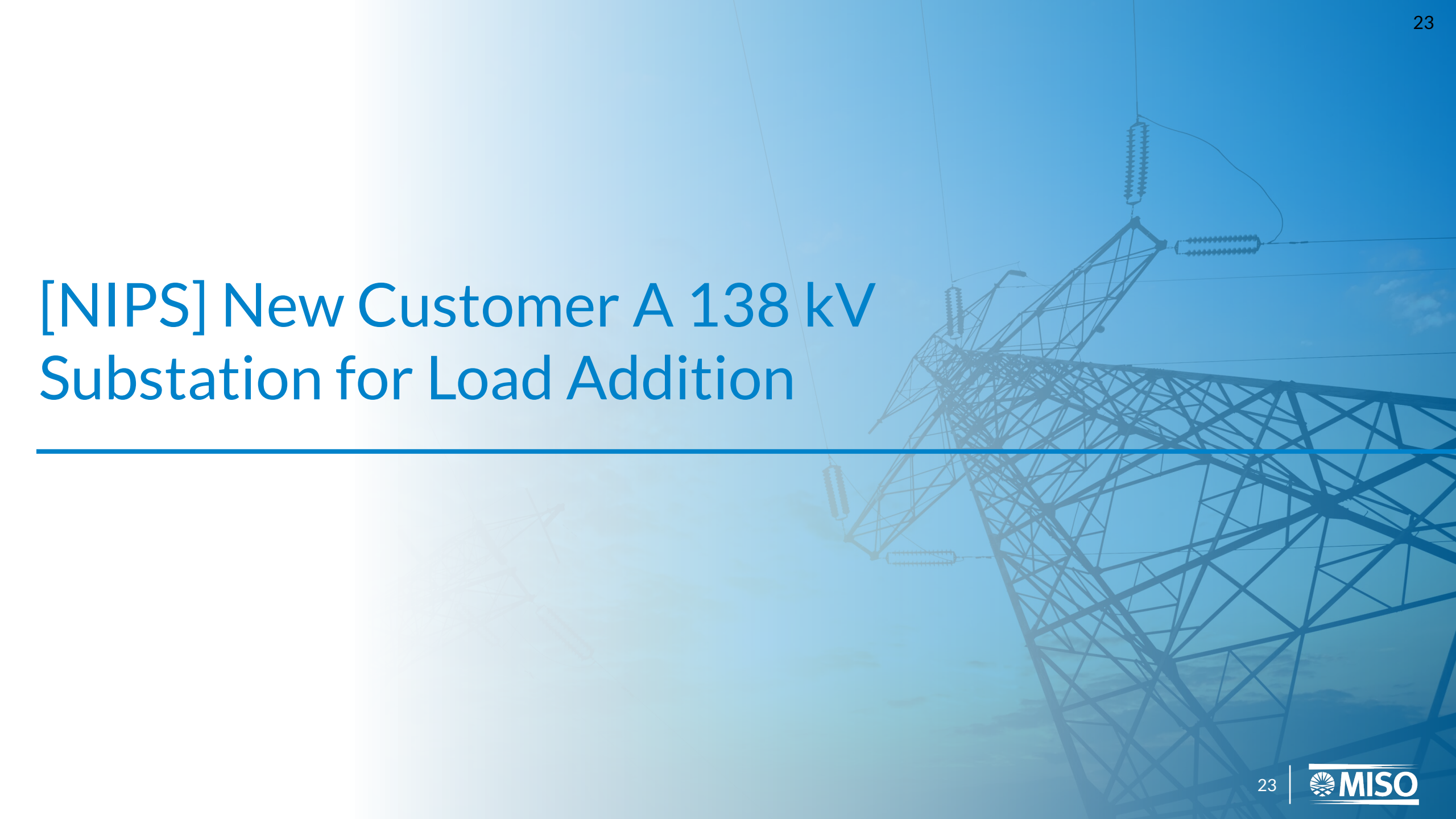
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - One (1) additional CAP was required to mitigate observed issues

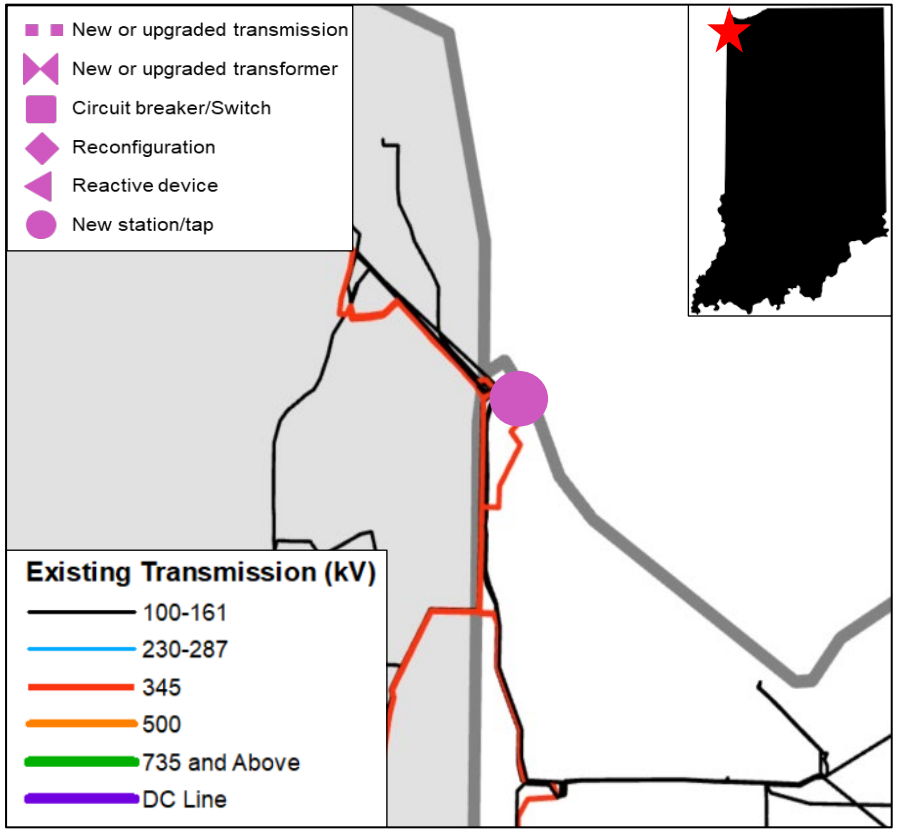
- MISO coordinated with impacted neighboring entities based on the analysis results
  - We appreciate the active coordination of the impacted parties as a part of this process



Project #	51152
Project Name	New Merom to Gill 345 KV Line addition
Project Type	BRP
Project Description	Construct an additional circuit between Merom 345 kV station and Gill 345 kV station.
System Need	Mitigation for thermal overload of the existing Merom - Gill 345 kV circuits due to P6 scenarios in the EPR analysis.
Current Cost	$2 M
Expected ISD	01/01/2028
Target Appendix	A in MTEP26

[NIPS] New Customer A 138 kV Substation for Load Addition



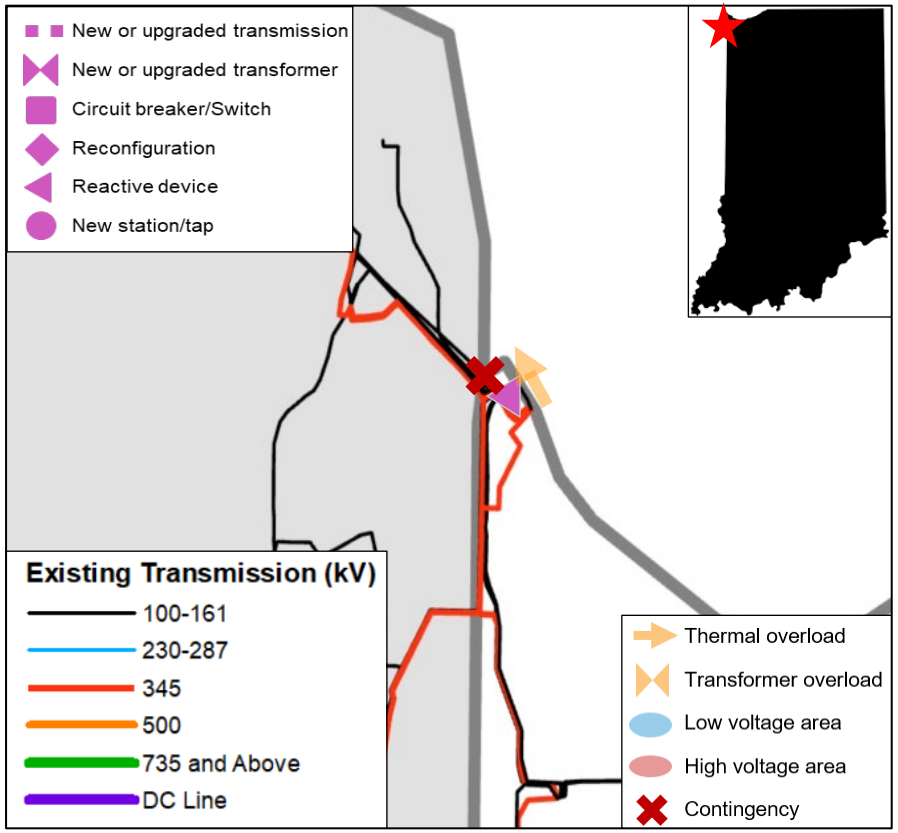


Project #	51092
Project Name	New Customer A 138 kV Substation for Load Addition
Project Type	Other, Load Growth
Project Description	260 MW load is being looped into Wolf Lake to Stateline B (NIPSCO-ComEd).
System Need	To serve the new load addition with expedited lead time required to be 2-3 years.
Current Cost	$25 M
Expected ISD	12/31/2027
Target Appendix	A in MTEP26

- 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.

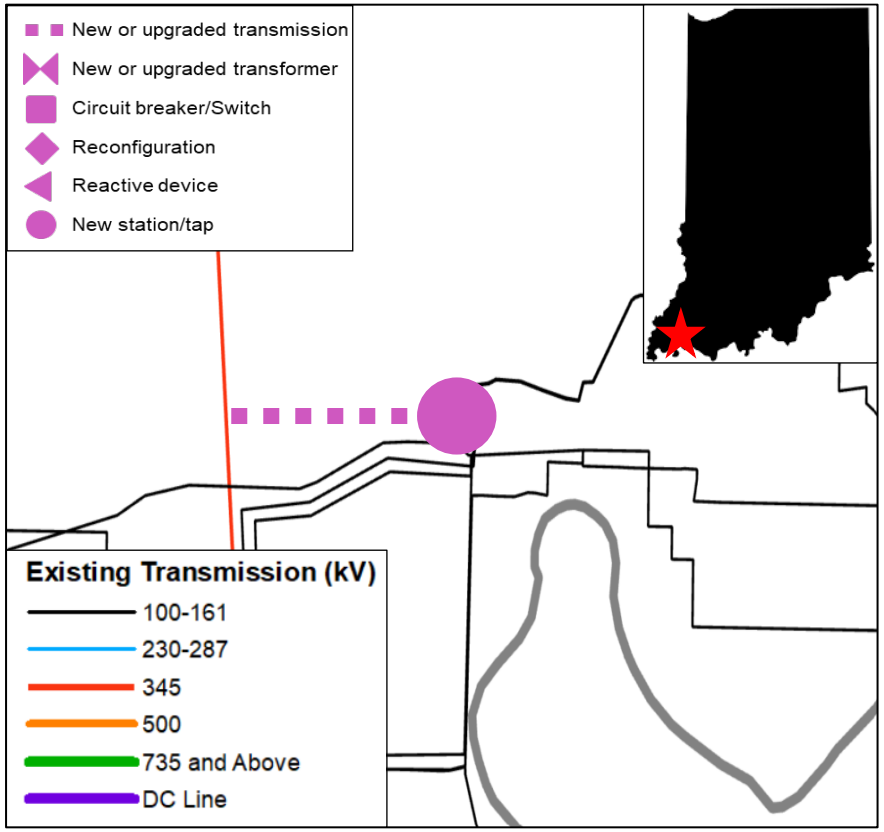
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - One (1) additional CAP was required to mitigate observed issues

- 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



Project #	51124
Project Name	Sheffield Substation Battery and Trip Coil Monitoring
Project Type	BRP
Project Description	Project to add monitoring to NIPSCO Sheffield 138kV substation.
System Need	P5 thermal observations.
Current Cost	$25 K
Expected ISD	12/31/2027
Target Appendix	A in MTEP26

[SIGE] New Project Raider 345 kV Substation for New Load Addition

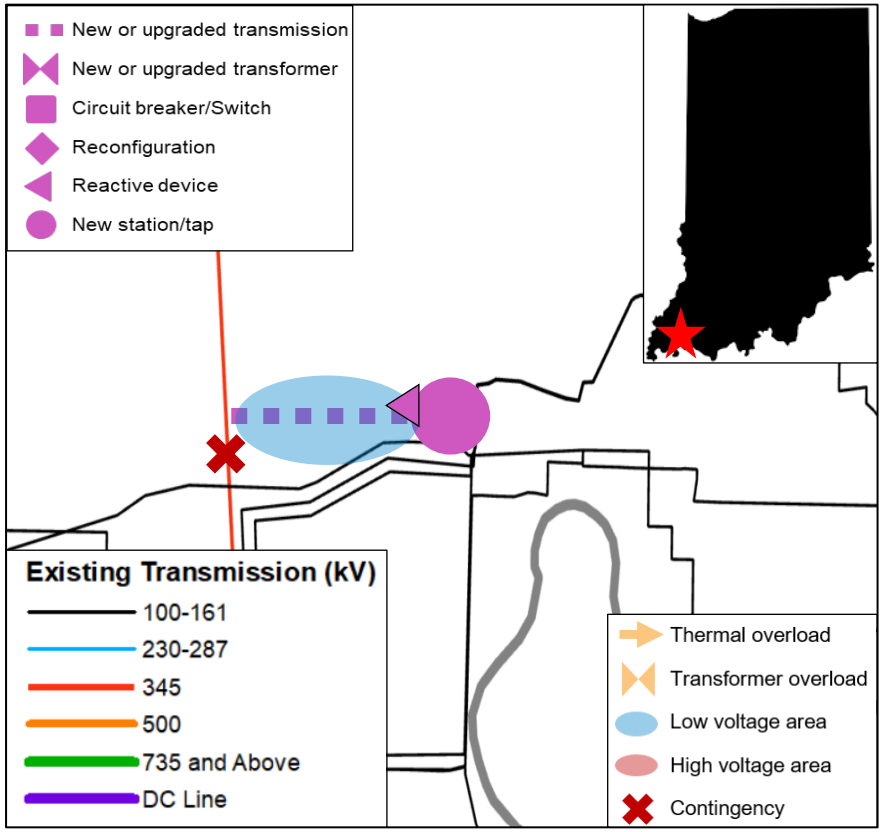


Project #	51079
Project Name	New Project Raider Load 345 kV Substation
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV breaker-and-a-half substation to serve a 600 MW load addition on the POSEY – GIBSON 345 kV line. The new station will be approximately 8 line-miles from the Posey substation.
System Need	A new customer has plans to construct a facility within SIGE's service territory along the Posey-Gibson line.
Current Cost	$29.9 M
Expected ISD	06/01/2027
Target Appendix	A in MTEP26

- 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.

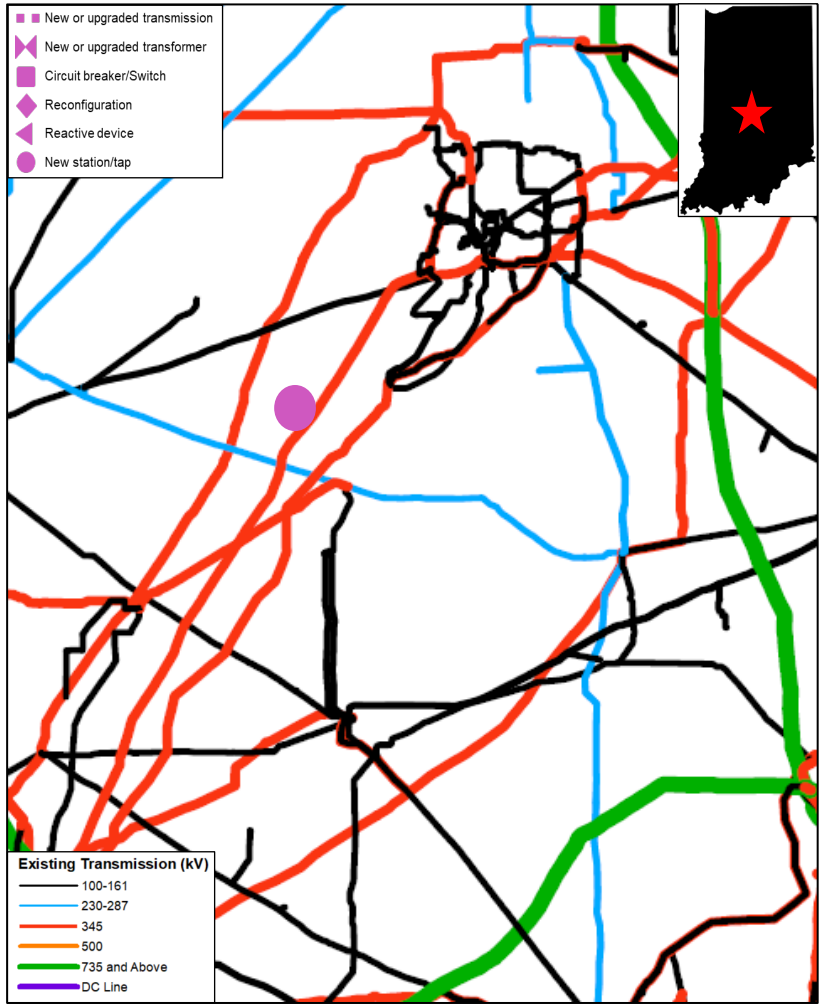
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - One (1) additional CAP was required to mitigate observed issues

- 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



Project #	51149
Project Name	New Project Raider Cap Banks 69 kV
Project Type	BRP
Project Description	Adding 62.4 MVAR of cap banks at Culley 69 kV, 2 15.6 MVAR cap banks at Leonard 69 kV and 2 15.6 MVAR cap banks at Northwest 69 kV.
System Need	P6 low voltage observations.
Current Cost	$5.1 M
Expected ISD	06/01/2027
Target Appendix	A in MTEP26

[IPL] New Antioch 345 kV Station and Load 1.2 GW Load Addition

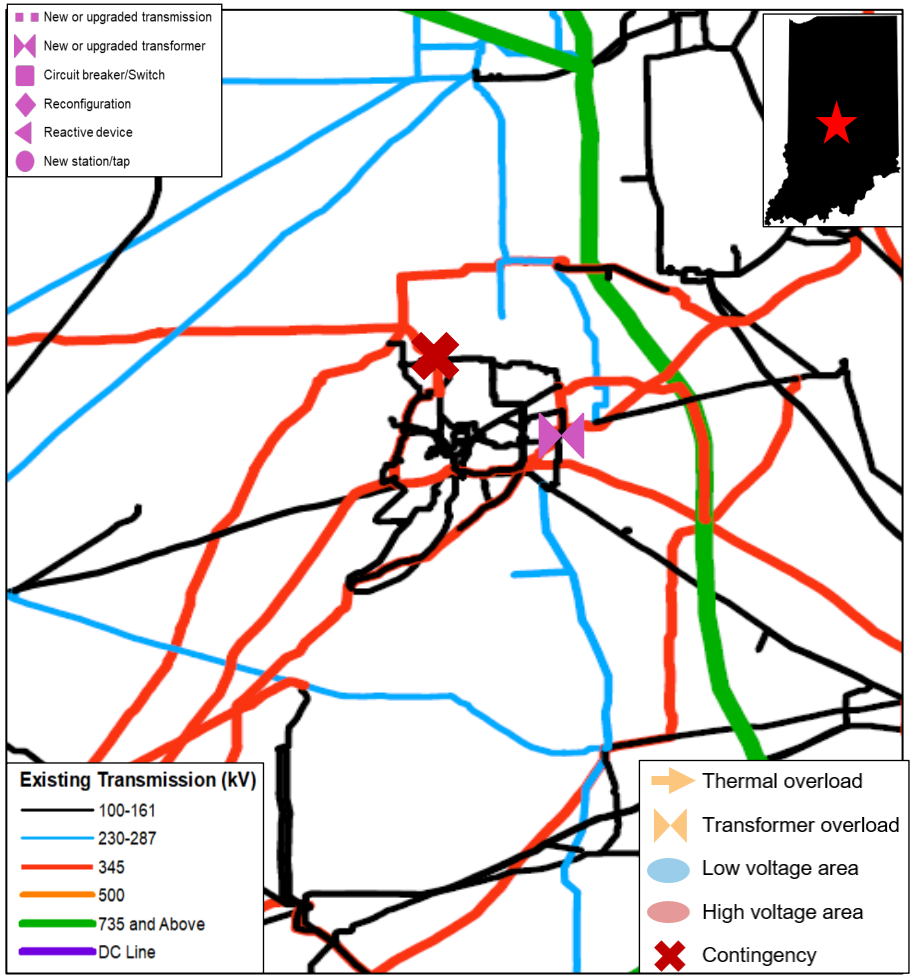


Project #	50700
Project Name	New Antioch 345 kV Station and Load
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV breaker-and-a-half substation on the [IPL] Thompson - [IPL] Petersburg 345 kV transmission line approximately 11 line-miles south of the IPL Thompson Substation. New customer will have distributed load off of 345 kV lines from new substation.
System Need	A new customer has plans to construct a facility within Indianapolis Power & Light's service territory, adjacent to the 345 kV Thompson-Petersburg transmission line.
Current Cost	$68.8 M
Expected ISD	11/1/2027
Target Appendix	A in MTEP26

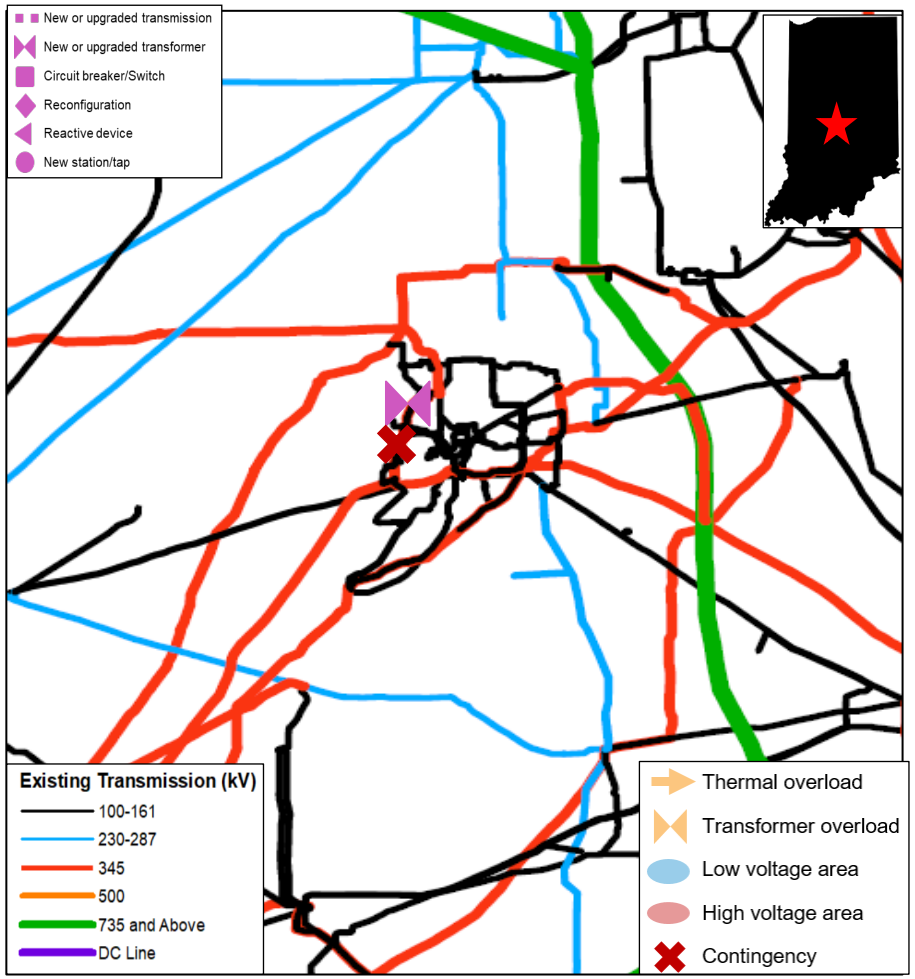
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.

- 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
  - Five (5) additional CAP was required to mitigate observed issues

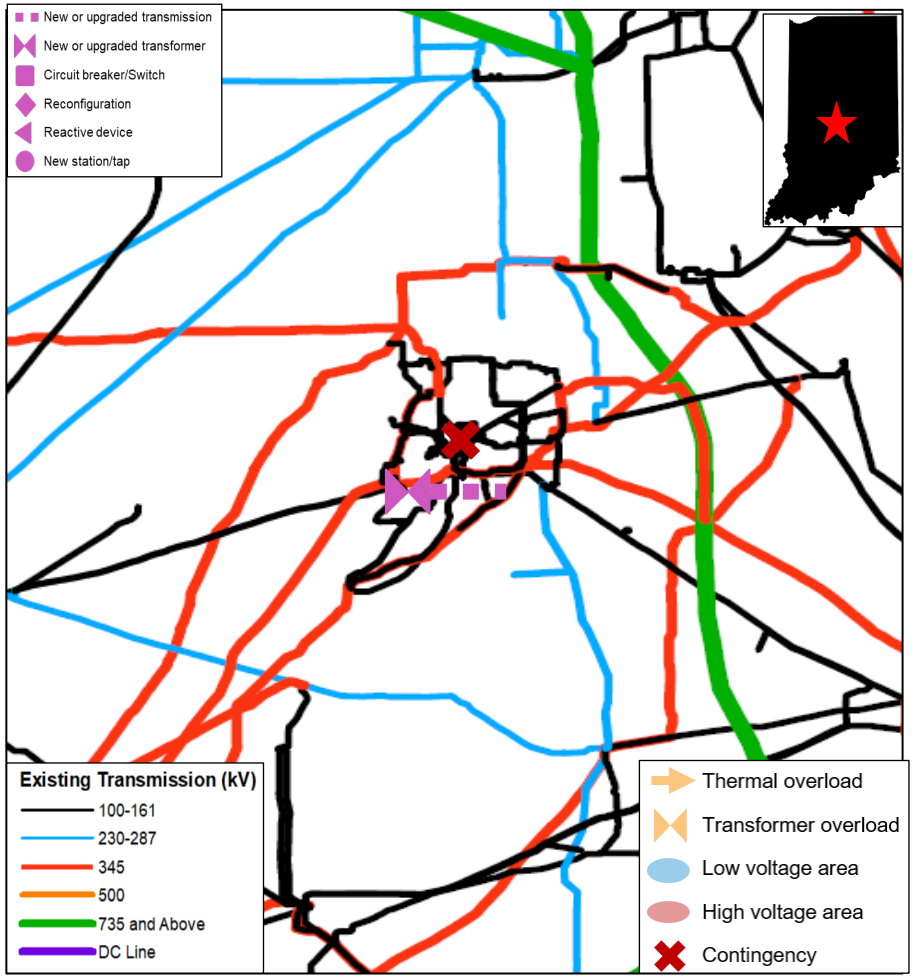
- MISO coordinated with impacted neighboring entities based on the analysis results
  - We appreciate the active coordination of the impacted parties as a part of this process



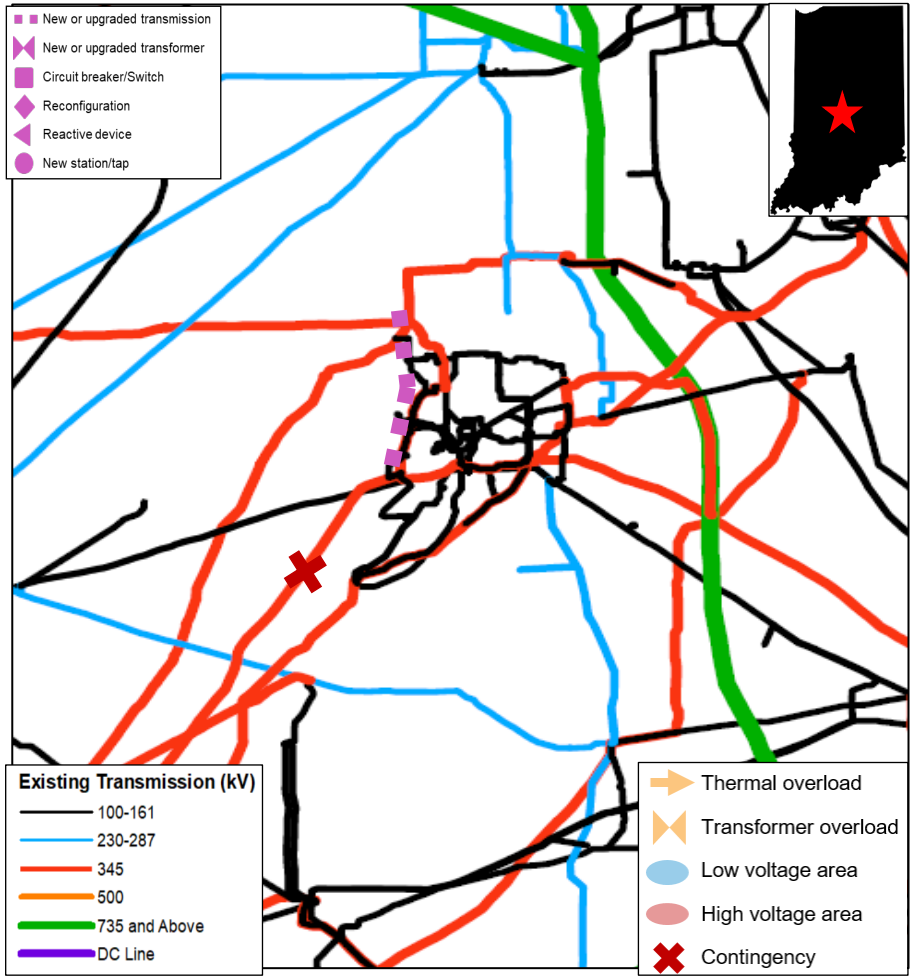
Project #	50768
Project Name	Uprate Sunnyside Autotransformer
Project Type	BRP
Project Description	Due to FAC-008 Facility Rating Methodology, Sunnyside Autotransformer was derated to SN/SE 478 MVA. This project contains the scope necessary to return Sunnyside Autotransformer to SN 500 MVA, SE 600 MVA - allows use of operational guide 2008-S-011-C-IPL-Auto_Transformers-345_138rev1.
System Need	IPL Antioch and Whispering Pines EPR N-1 thermally overloaded the facility rated at 478 MVA, no greater than 575 MVA with contingency 'P71:345-345:IPL:08-16WHISPINES:16SUNNYS:345:1-16WHISPINES:08GWYNN:345'.
Current Cost	$2.0 M
Expected ISD	12/31/2029
Target Appendix	A in MTEP26



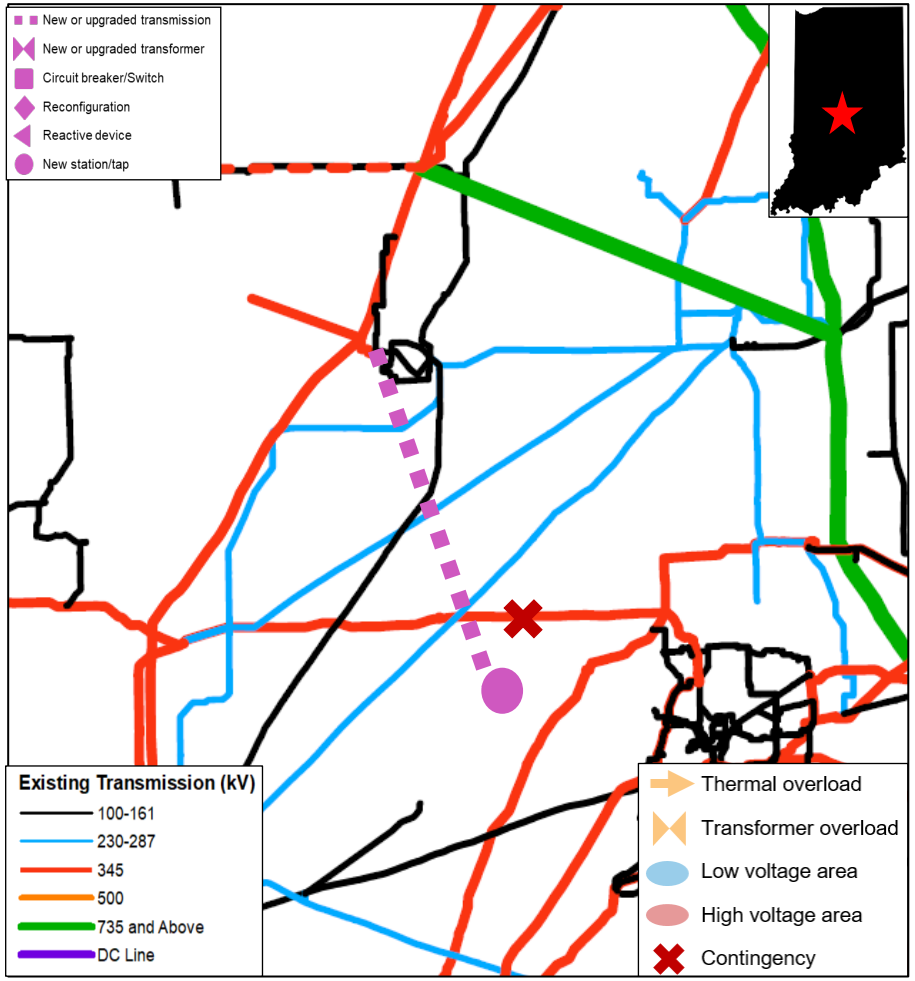
Project #	50789
Project Name	Replace Guion South Autotransformer
Project Type	BRP
Project Description	Guion South autotransformer has failed asset management tests and was removed from operational service. This project replaces the autotransformer to restore to service.
System Need	MTEP26 EPR results indicate overloading on autotransformer.
Current Cost	$11.7 M
Expected ISD	12/31/2027
Target Appendix	A in MTEP26



Project #	50790
Project Name	Expand Blue Bluff 138 kV switchyard
Project Type	BRP
Project Description	Expand currently planned 345 kV switchyard near Eagle Valley Power Plant to include a 138 kV yard and interconnection local 138 kV transmission
System Need	IPL EPR TPL mitigations
Current Cost	$30.3 M
Expected ISD	3/31/2030
Target Appendix	A in MTEP26

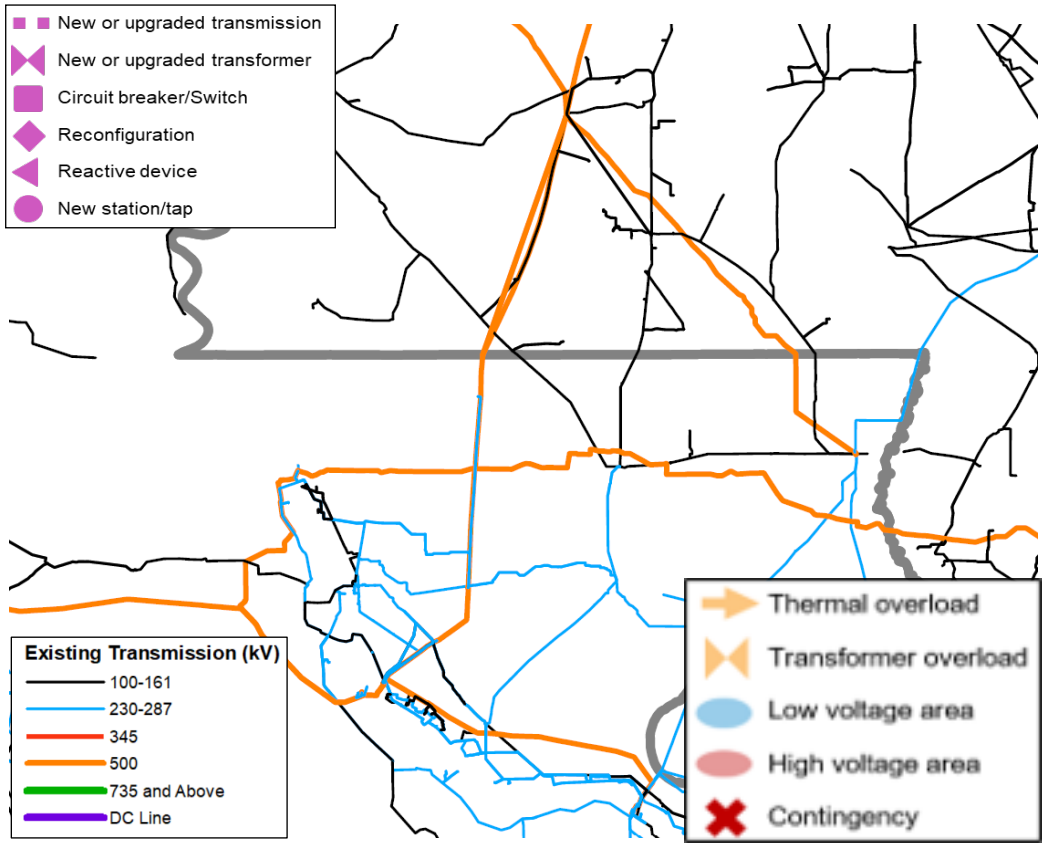


Project #	50795
Project Name	Uprate Guion - Whitestown 345-09
Project Type	BRP
Project Description	Replace IPL equipment at Guion and Whitestown to achieve a 1526 MVA winter rating
System Need	IPL EPR Antioch and Whispering Pines
Current Cost	$15.0 M
Expected ISD	12/31/2029
Target Appendix	A in MTEP26



Project #	51103
Project Name	New Westwood-LEAP-Hortonville 345kV Line
Project Type	BRP
Project Description	Construct new ~55mi double circuited 345kV line from Westwood to new Mechanicsburg station to Hortonville at 954 ACSS @ 200C or 4000A equivalent conductor for a rating of 2432MVA per line. Tying additional new ~10mi of double circuited 345kV line from new Mechanicsburg substation into LEAP.
System Need	This project is driven by recent EPR submissions and replacement for several associated rebuilds that would be required otherwise
Current Cost	$250.3 M
Expected ISD	6/1/2029
Target Appendix	A in MTEP26

[LAGT] ANGIE 230/69KV SUBSTATION - 230KV LINE BREAKER ADDITIONS

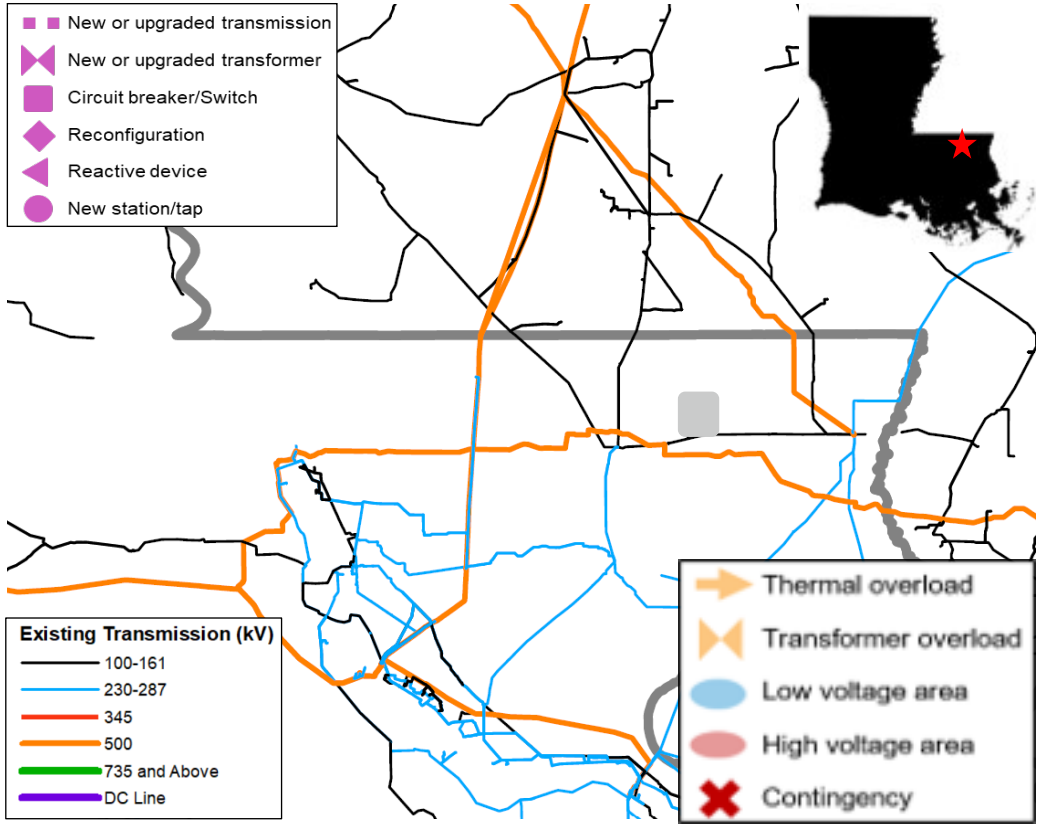


Project #	51063
Project Name	ANGIE 230/69KV SUBSTATION - 230KV LINE BREAKER ADDITIONS
Project Type	Other, Local Reliability
Project Description	ADD 230KV LINE BREAKERS AND ASSOCIATED EQUIPMENT TO THE EXISTING 1803 ANGIE 230/69KV SUBSTATION
System Need	INCREASE RELIABILITY OF THE ANGIE DELIVERY POINT BY ADDING ADDITIONAL INTERRUPTING DEVICES
Current Cost	$1.9M
Expected ISD	12/31/2027
Target Appendix	A in MTEP26

- 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
  - No impact to the system was found

[LAGT] HOLTON 115/69KV SUBSTATION - 115KV LINE BREAKER AND 69KV BUS TIE BREAKER ADDITIONS

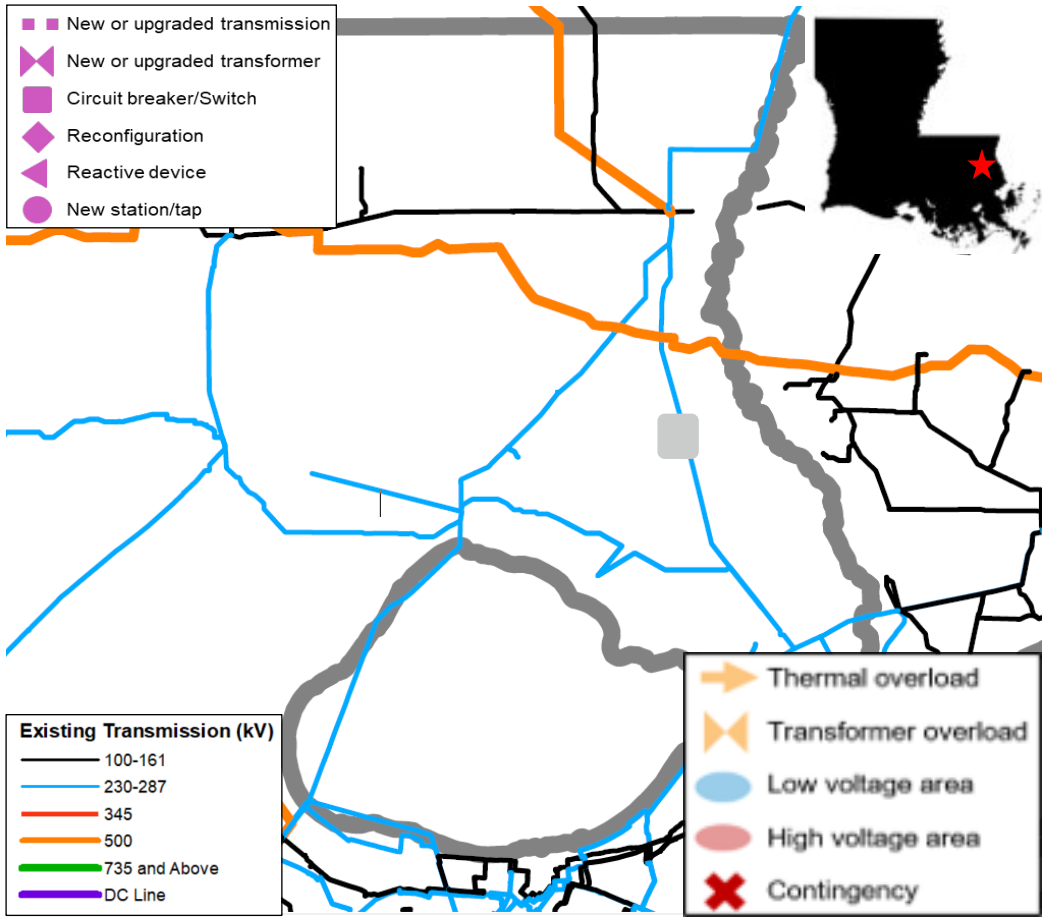


Project #	51064
Project Name	HOLTON 115/69KV SUBSTATION - 115KV LINE BREAKER AND 69KV BUS TIE BREAKER ADDITIONS
Project Type	Other, Local Reliability
Project Description	ADD 115KV LINE BREAKERS, A 69KV BUS TIE BREAKER, AND ASSOCIATED EQUIPMENT TO THE EXISTING 1803 HOLTON 115/69KV SUBSTATION
System Need	INCREASE RELIABILITY OF THE HOLTON DELIVERY POINT BY ADDING ADDITIONAL INTERRUPTING DEVICES.
Current Cost	$2.9M
Expected ISD	6/1/2028
Target Appendix	A in MTEP26

- 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
  - No impact to the system was found

[LAGT] TALISHEEK 230KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION

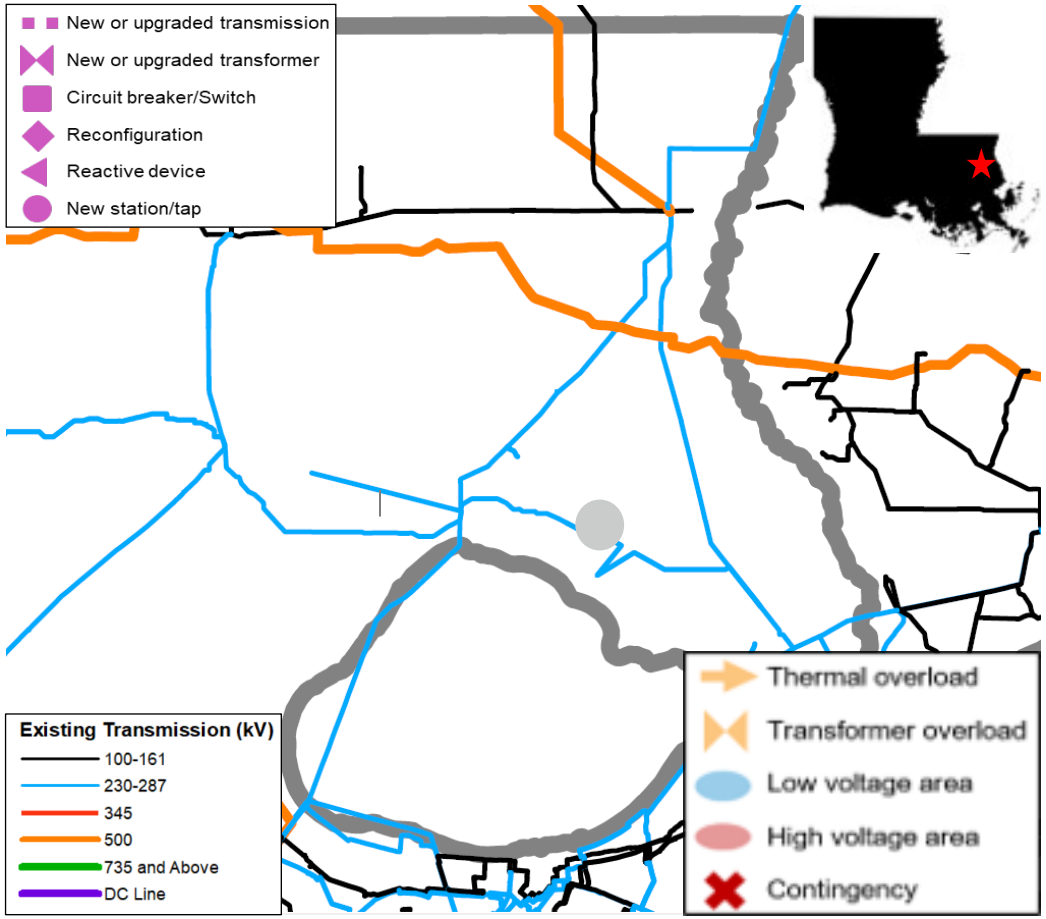


Project #	51065
Project Name	TALISHEEK 230KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION
Project Type	Other, Local Reliability
Project Description	ADD 230V LINE BREAKERS, A 69KV BUS TIE BREAKER, AND ASSOCIATED EQUIPMENT TO THE EXISTING 1803 TALISHEEK 230/69KV SUBSTATION
System Need	INCREASE RELIABILITY OF THE TALISHEEK DELIVERY POINT BY ADDING ADDITIONAL INTERRUPTING DEVICES.
Current Cost	$4.7M
Expected ISD	6/1/2029
Target Appendix	A in MTEP26

- 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
  - No impact to the system was found

[LAGT] EAST MANDEVILLE 230/69KV SUBSTATION



Project #	51070
Project Name	EAST MANDEVILLE 230/69KV SUBSTATION
Project Type	Other, Local Reliability
Project Description	ENGINEER, PROCURE, AND CONSTRUCT A NEW 230/69KV SUBSTATION TO SERVE WST'S MANDEVILLE AND LACOMBE STATIONS. THIS SUBSTATION REMOVES THE NEED FOR THE MANDEVILLE MEDIUM VOLTAGE DELIVERY POINT AND PROVIDES A NEW 230KV SOURCE TO THE SOUTH SIDE OF 1803/WSTE'S SYSTEM.
System Need	THE EXISTING MANDEVILLE TO LACOMBE 69KV LINE IS CURRENTLY OPERATED AT 34.5KV AND HAS REACHED ITS CAPACITY. THE 1803/WSTE LONG TERM PLANS FOR THIS AREA IS TO CONVERT THE MANDEVILLE AND LACOMBE STATIONS TO 69KV OPERATION AND EXTEND A 69KV LINE FROM THE NEW EAST MANDEVILLE SUBSTATION THROUGH LACOMBE AND TO HICKORY.
Current Cost	$16.9M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

- 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
  - No impact to the system was found

Questions?





EPR Statistics Update

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

January 6, 2025

Executive Summary



- MISO has completed analysis of the submitted June 2025 EPRs.
- Twelve (12) of the Fifteen(15) August 2025 Cycle EPRs have been approved. Three(3) are still under study.
- Nine (9) of the Twenty-four (24) October 2025 Cycle EPRs have been approved. Twelve (12) have completed mitigation discussions, two (2) are still under study, one (1) has been withdrawn.
- Six (6) EPRs were received for the December 2025 EPR Cycle

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	EPR-TSTF Jan 6
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Under Study
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

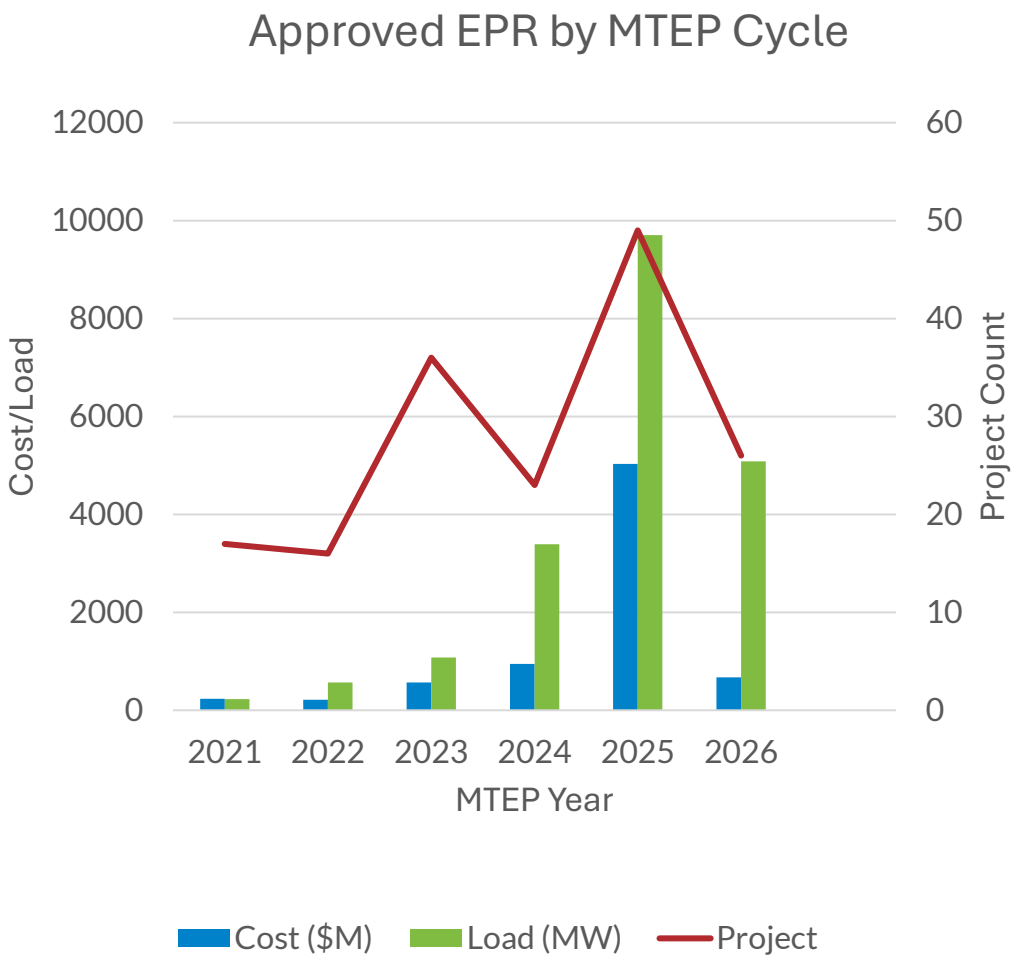
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August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Approved
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Approved
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Under Study
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Under Study
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Under Study
October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	EPR-TSTF Jan 6

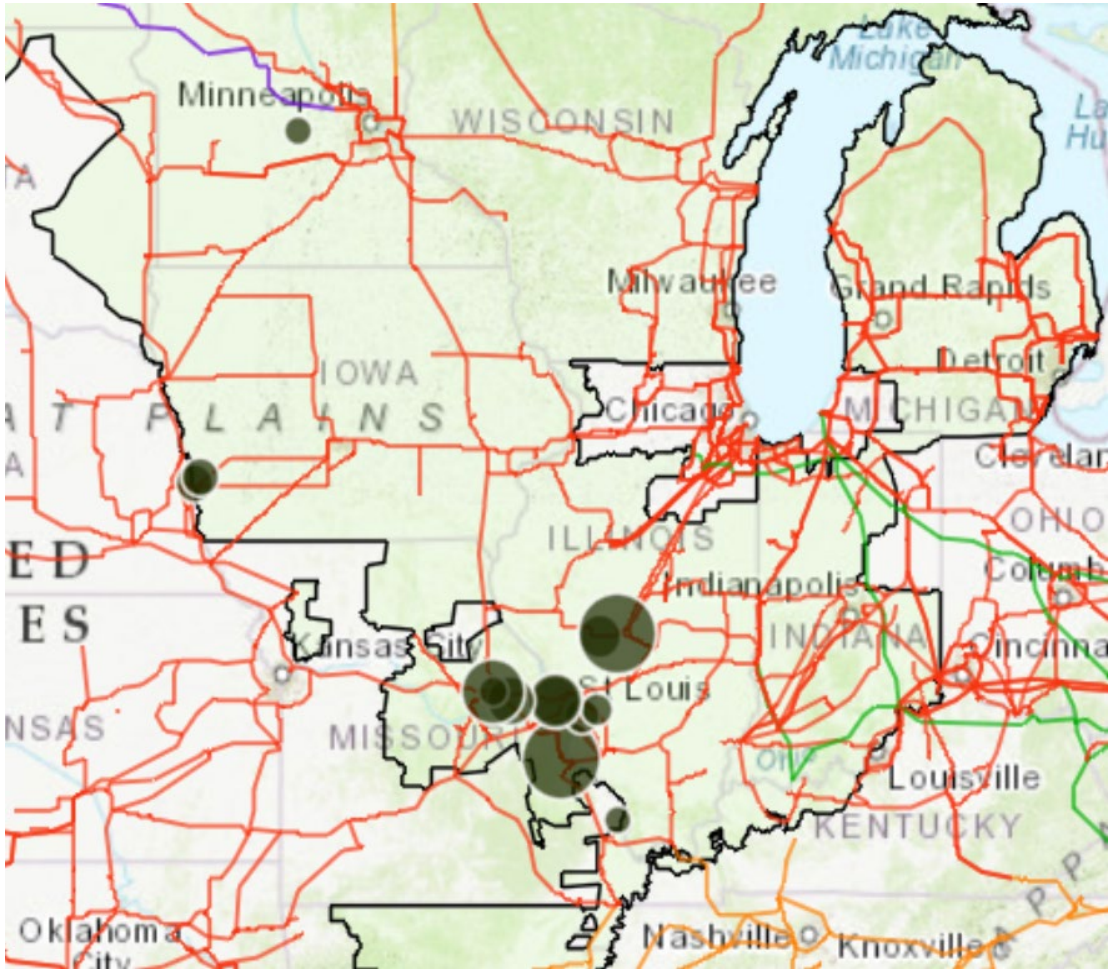
EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	EPR-TSTF Jan 6
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Under Study
October 2025	51079	Project Raider Load	Central	SIGE	600	EPR-TSTF Jan 6
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		EPR-TSTF Jan 6
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		EPR-TSTF Jan 6
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	EPR-TSTF Jan 6

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	EPR-TSTF Jan 6
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	EPR-TSTF Jan 6
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		EPR-TSTF Jan 6
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		EPR-TSTF Jan 6
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		EPR-TSTF Jan 6
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		EPR-TSTF Jan 6

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Under Study
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Under Study
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Under Study
December 2025	51134	Project Benton	East	ITCT	1383	Under Study
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Under Study
December 2025	51146	CCS 115 kV Station	South	EML	14	Under Study



Approved MTEP26 Spot Load projects



Questions?





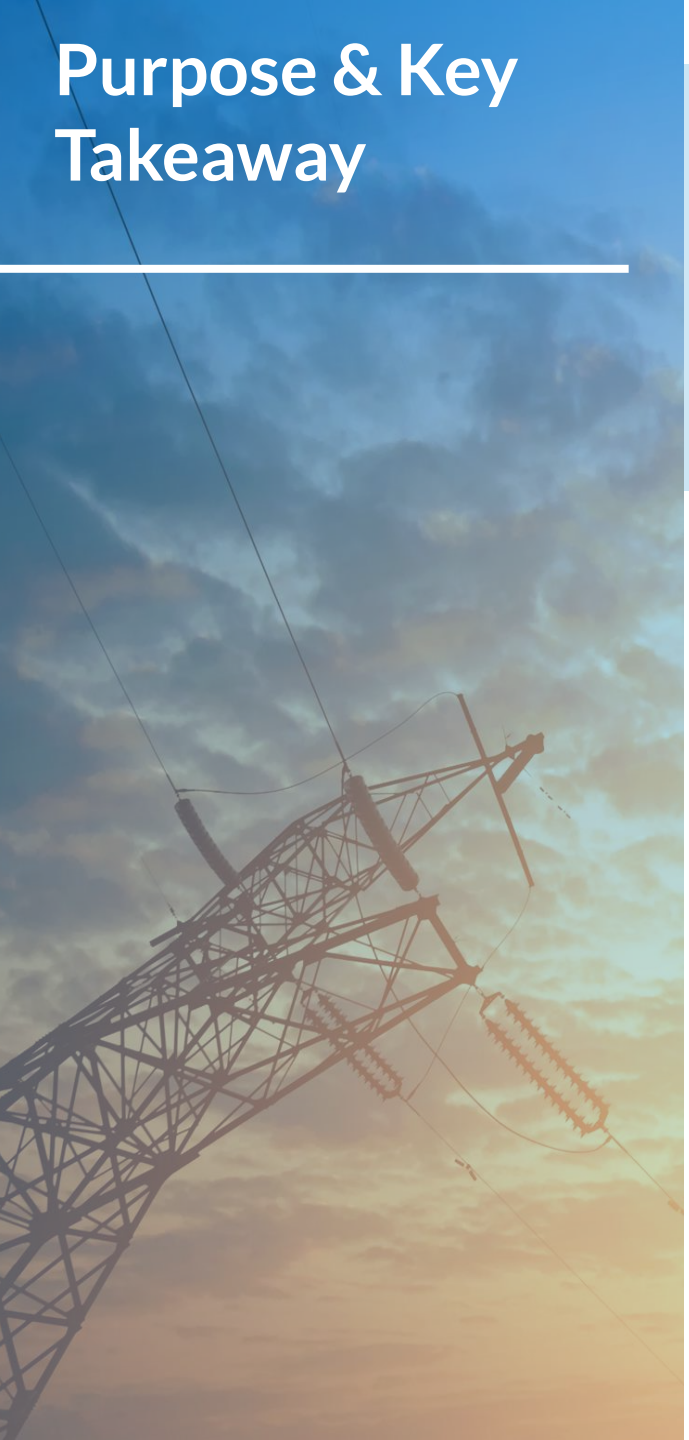
Expedited Project Review Results and Recommendation

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

February 3rd, 2026

Updated Slide 9 - 3/13/2026

Purpose & Key Takeaway



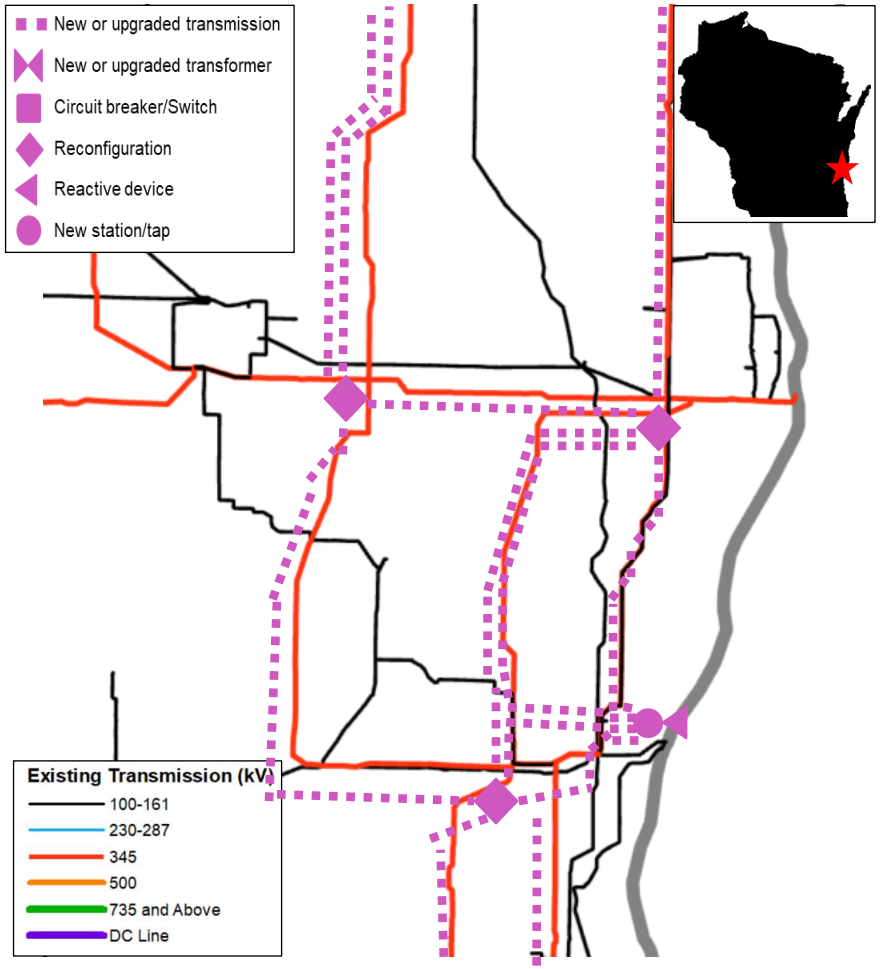
Purpose

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 3.2 GW of new spot load and other reliability concerns
  - Central region representing 1 project for review
  - South region representing 5 projects for review
- MISO recommends the projects move to MTEP26 Appendix A after the PAC comment period.

ATC: Ozaukee County, DIC, New Substations



Project #	51057
Project Name	Ozaukee County, DIC, New Substations
Project Type	Other, Load Growth
Project Description	New large load addition. Install four new 345 kV substations[1], three new double-circuit 345 kV lines by rebuilding existing single-circuit 345 kV lines, networking adjacent 345 kV lines into the new 345 kV subs, and uprating eight existing 345 kV lines. The new Decker 345 kV interconnection substation will include ten 345/34.5 kV customer distribution transformers, 4 x 75 Mvar cap banks, and a ±350 Mvar STATCOM.
System Need	Load Interconnection
Current Cost	$1,300 M
Expected ISD	12/1/2027
Target Appendix	A in MTEP26

1. Three of the substations approved in LRTP 2.1 Project 28, MTEP ID 50561. The facility ID for these 3 substations are · Sheboygan River: 50987 · Mullet River Junction: 50990 · Cedar Creek Junction: 50993

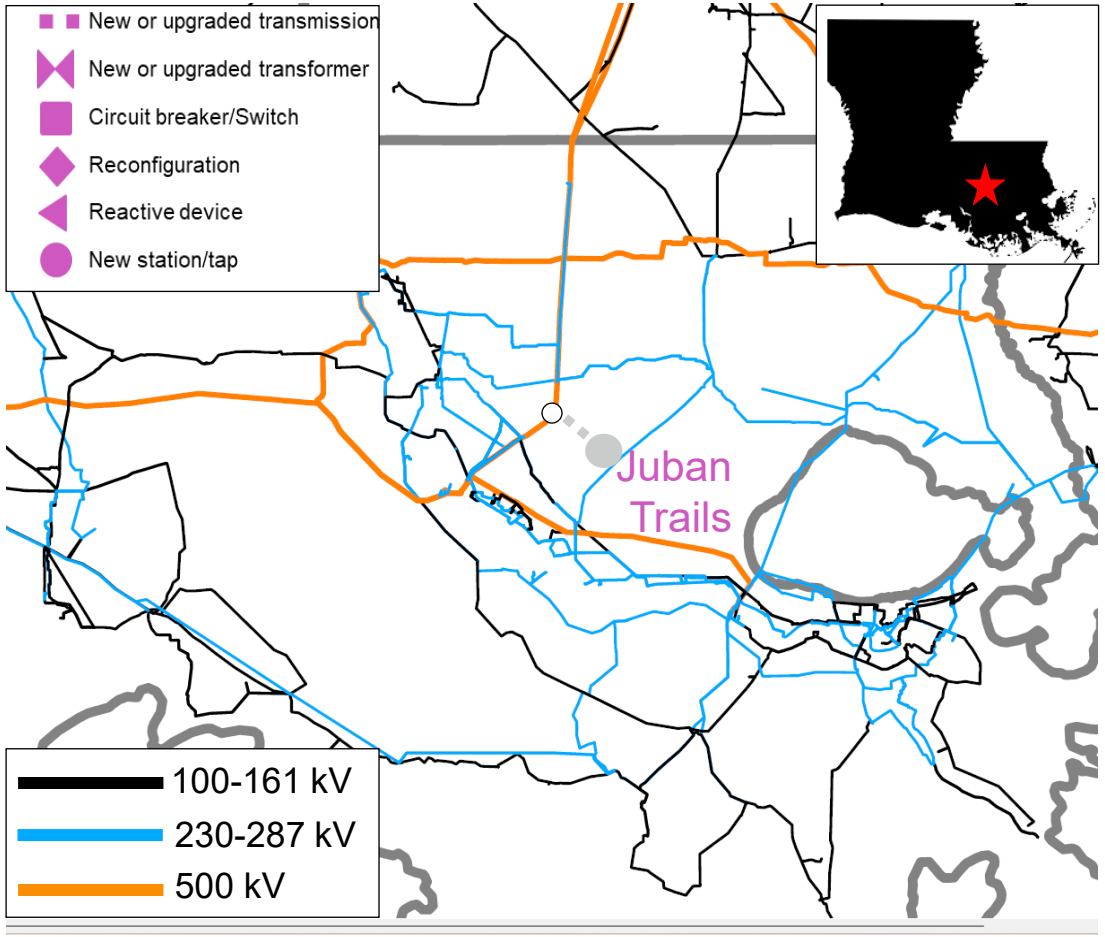
Models, Reliability Analysis, and Neighbor Coordination

- 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 from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

ELL: Juban Trails 230 kV Station



Project #	50744
Project Name	Juban Trails 230 kV Station
Project Type	Other, Load Growth
Project Description	Entergy wholesale customer DEMCO is proposing to construct a new 230 kV station named Juban Trails to serve a new customer cut into the existing Coly to Vignes 230 kV line in Livingston Parish LA.
System Need	Load Interconnection
Current Cost	$1
Expected ISD	9/1/2027
Target Appendix	A in MTEP26

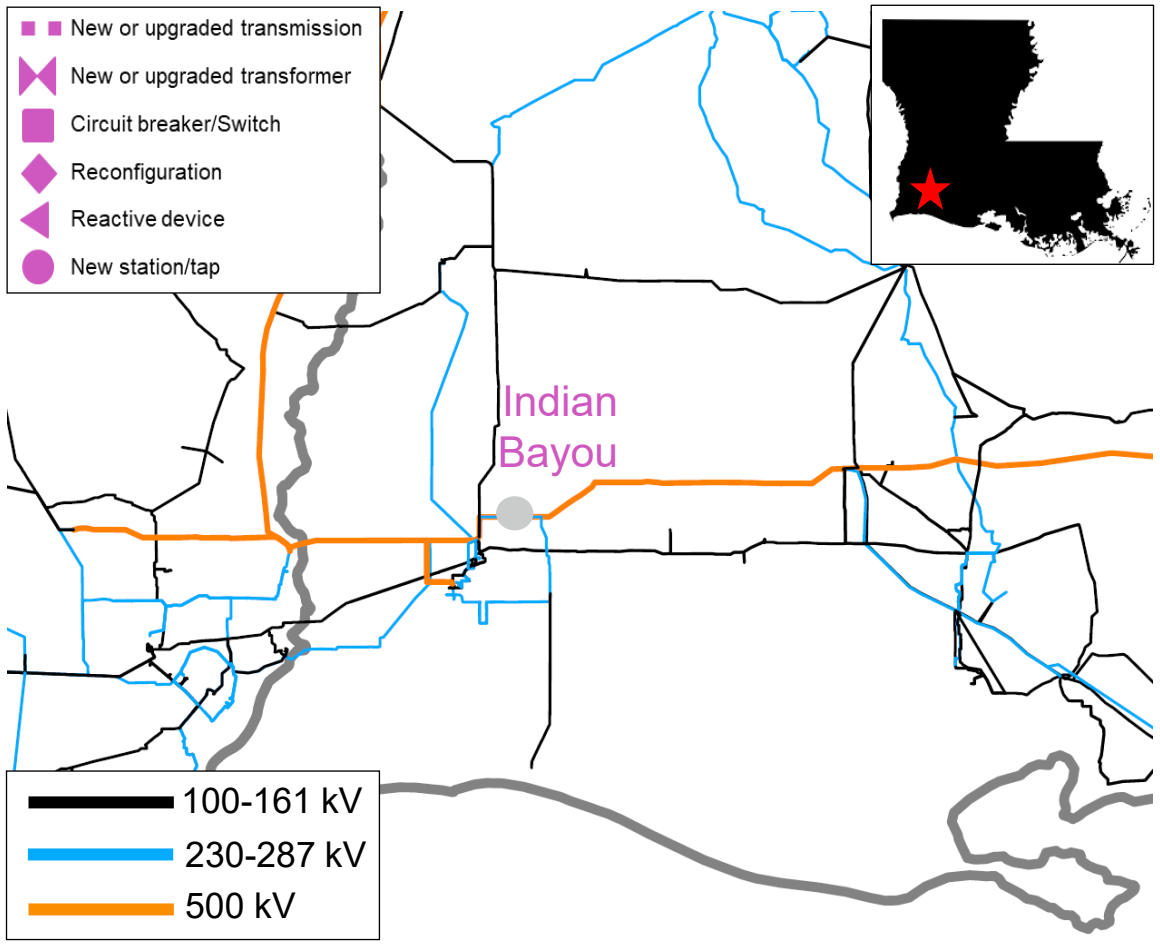
Models, Reliability Analysis, and Neighbor Coordination

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  - All observed TPL violations or worsened reliability issues from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

ELL: Indian Bayou 230 kV Station



MISO, using Ventyx Velocity Suite © 2014

Project #	50740
Project Name	Indian Bayou 230 kV Station
Project Type	Other, Load Growth
Project Description	Entergy is proposing to construct a new 230 kV station named Indian Bayou to serve a new customer cut into the existing Gillis to Goos Ferry 230 kV line in Ragley, LA. The Indian Bayou 230 kV station will be a breaker and a half substation.
System Need	Load Interconnection
Current Cost	$68.1M
Expected ISD	9/1/2027
Target Appendix	A in MTEP26

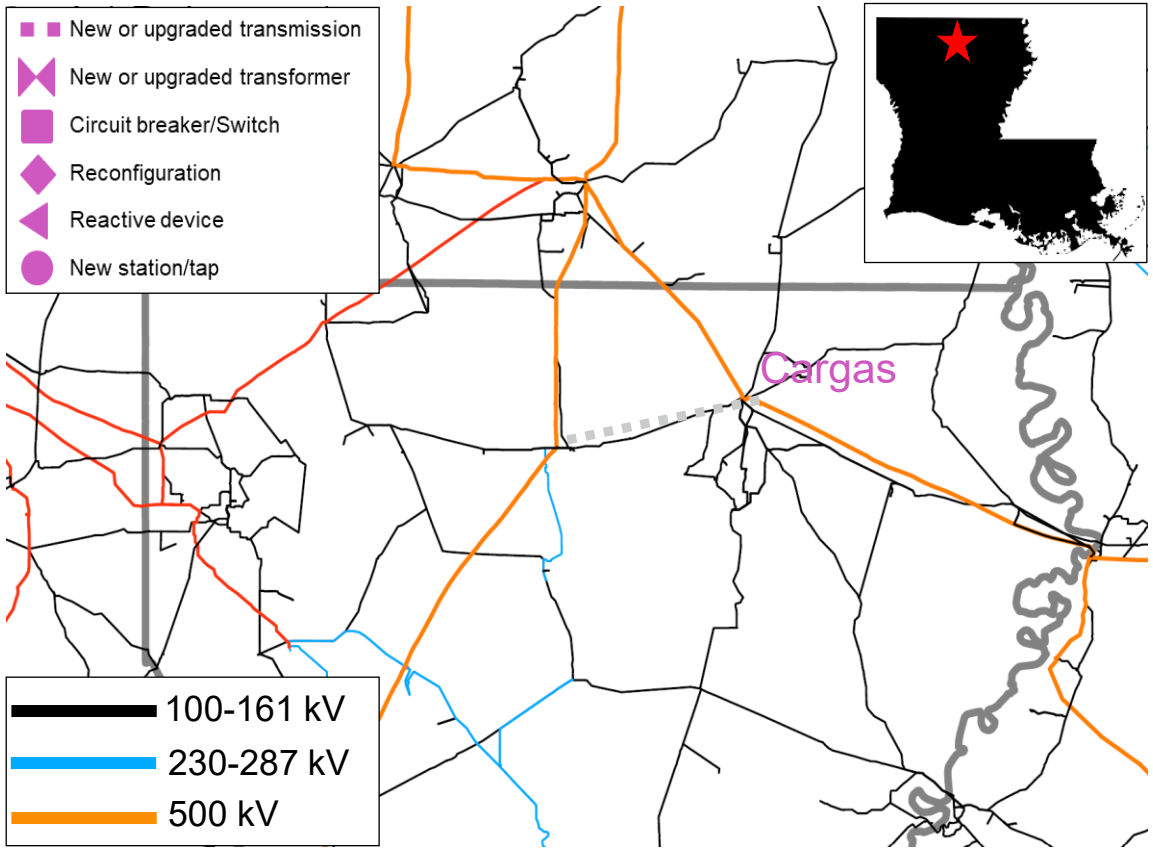
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  - Results were posted for impacted entity feedback
  - All observed TPL violations or worsened reliability issues from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

ELL: Mount Olive to Cargas 500kV Project



MISO, using Ventyx Velocity Suite © 2014

Project #	50713
Project Name	Mount Olive to Cargas 500 kV Project and Load Addition
Project Type	~~Other – Load Growth~~ BRP
Project Description	Construct a new ~47 mile Mt Olive to Cargas 500 kV line, including all required station equipment at remote ends.
System Need	Load Interconnection
Current Cost	$270.5M
Expected ISD	12/31/2028
Target Appendix	A in MTEP26

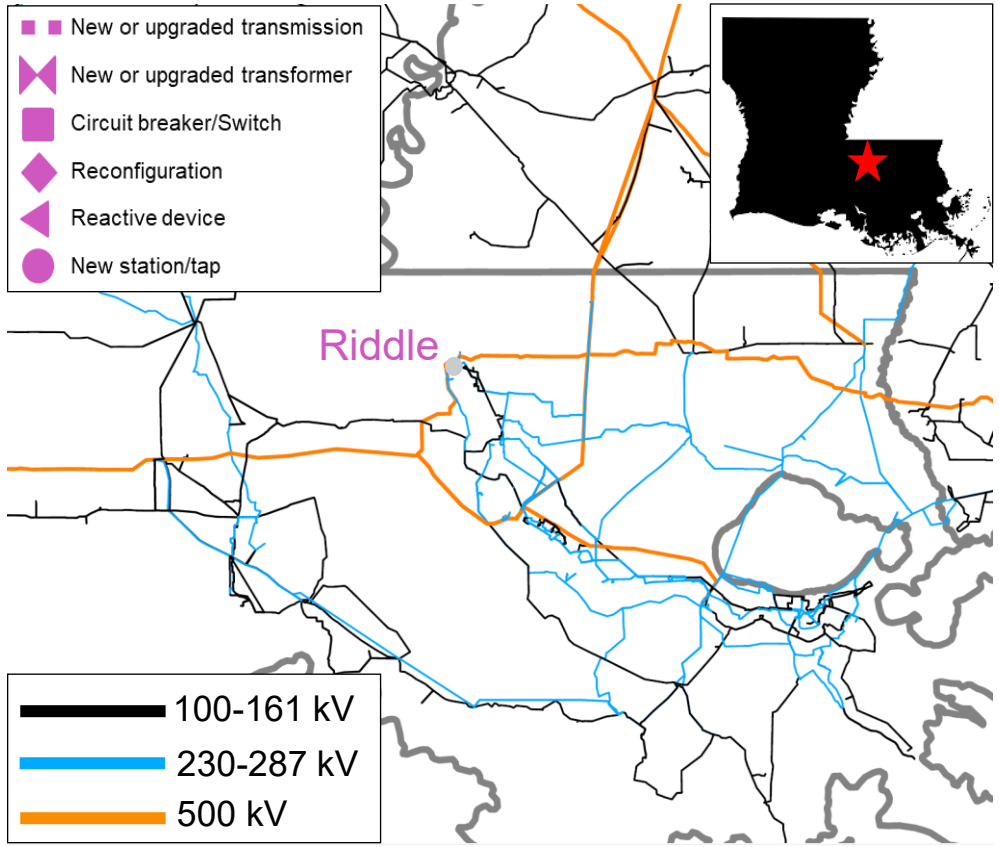
Models, Reliability Analysis, and Neighbor Coordination

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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 from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

ELL: Riddle 230kV Station



MISO, using Ventyx Velocity Suite © 2014

Project #	50779
Project Name	Riddle 230 kV Station and Line Upgrade
Project Type	Other, Load Growth
Project Description	Entergy is proposing to construct a new 230 kV station named Riddle to serve a new customer cut into the existing Fancy Point to Ventress 230 kV line near Saint Francisville, LA. The Riddle 230 kV station will be a breaker and a half substation. The new station has a target ISD in June 2026. The need to reconductor the Fancy Point to Riddle 230 kV line was also identified to serve this load.
System Need	Load Interconnection
Current Cost	$27.7M
Expected ISD	6/1/2026
Target Appendix	A in MTEP26

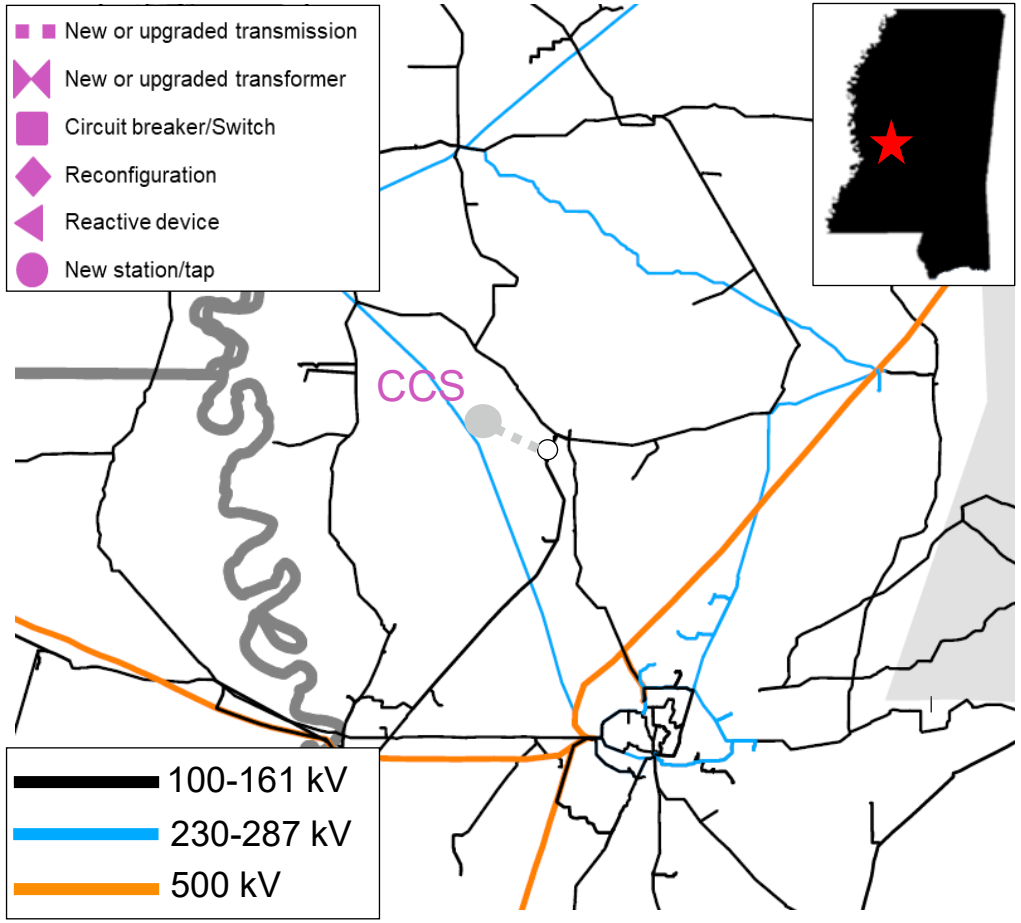
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- No neighboring entities were impacted based on the analysis results.

EML: CCS 115kV Station



MISO, using Ventyx Velocity Suite © 2014

Project #	51146
Project Name	CCS 115 kV Station
Project Type	Other, Load Growth
Project Description	Entergy is proposing to construct a new radial 115 kV station named CCS to serve an existing customer expansion in Yazoo City, MS
System Need	Load Interconnection
Current Cost	$8.2M
Expected ISD	7/1/2026
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

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Questions?



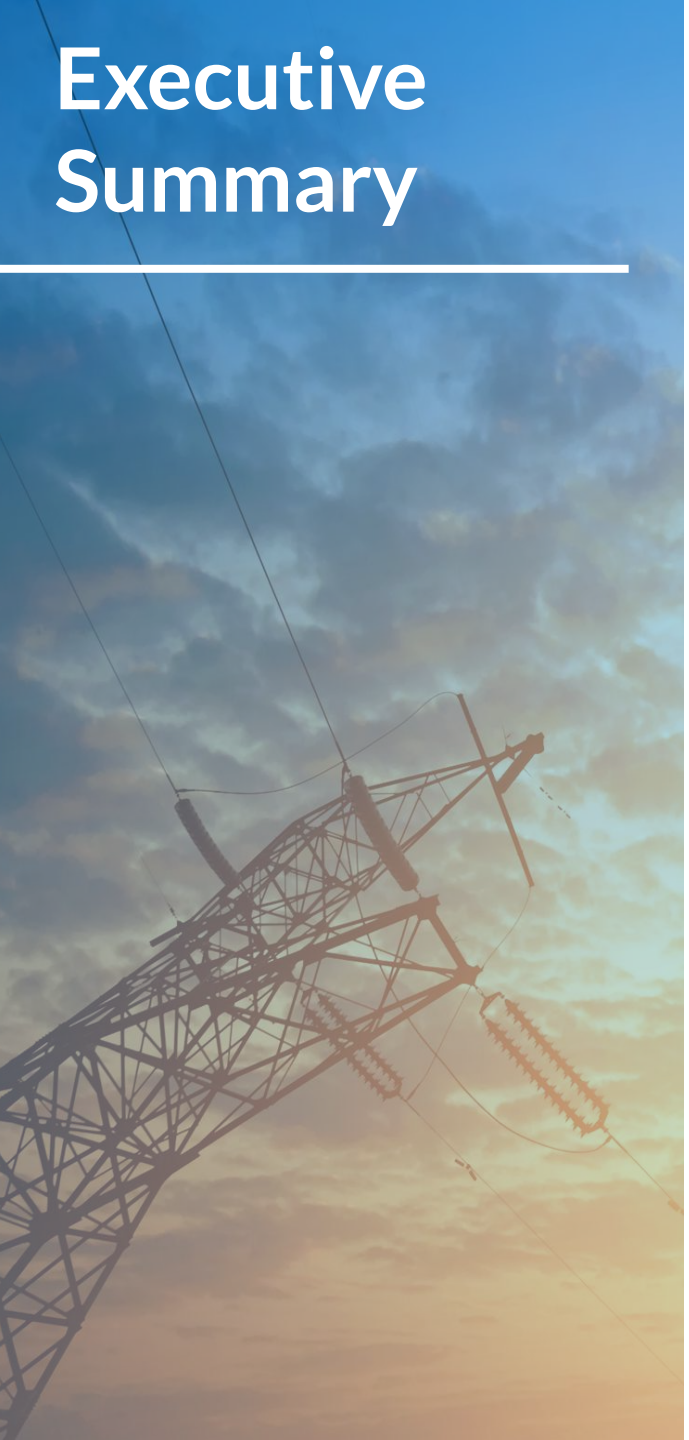


EPR Statistics Update

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

February 3, 2025

Executive Summary



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- Twenty-1(21) of the Twenty-four (24) October 2025 Cycle EPRs have been approved. Two (2) have completed mitigation discussions, none are still under study, one (1) has been withdrawn.
- One (1) of Six (6) December 2025 Cycle EPRs has completed mitigation discussion, five (5) are still under study

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	EPR-TSTF Feb 3
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August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

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October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

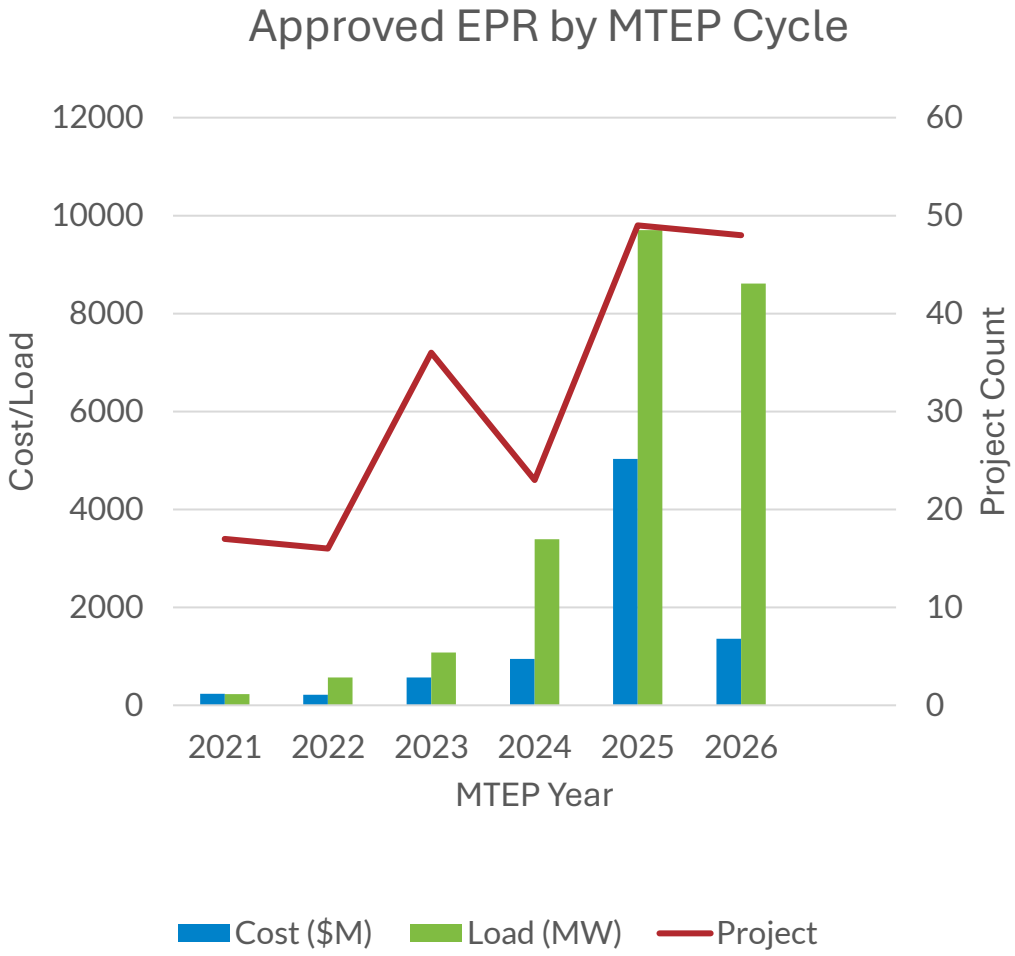
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October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved

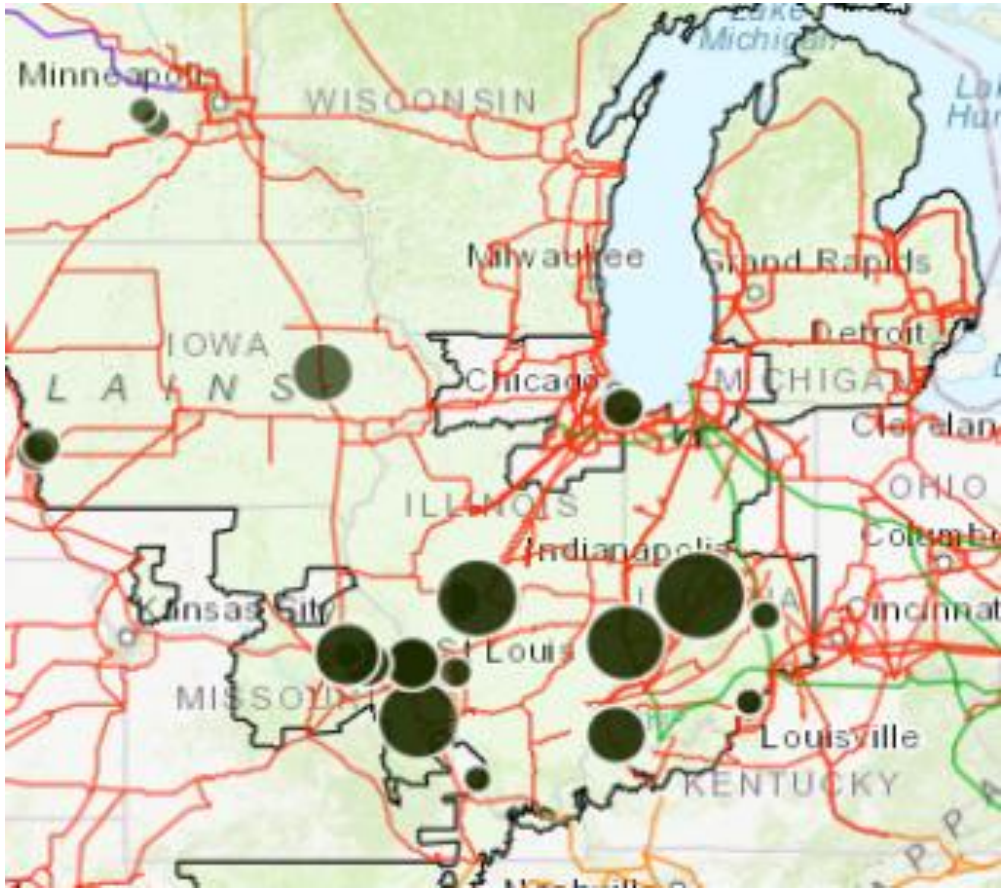
MISO received 6 EPRs for the December 2025 cycle representing 4297 MW of new load. MISO added 3350 MW of newly signed GIA generation including 4 ERAS cycle 1 generators.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Under Study
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Under Study
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Under Study
December 2025	51134	Project Benton	East	ITCT	1383	Under Study
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Under Study
December 2025	51146	CCS 115 kV Station	South	EML	14	EPR-TSTF Feb 3

MISO has approved 48 EPRs for the MTEP26 cycle as of January 31, 2026. MISO has received 50 submissions to the EPR process since June 2025.



Approved MTEP26 Spot Load projects



Questions?



Appendix

MISO completed the analysis for EPRs submitted into June 2025 Cycle

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Approved
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

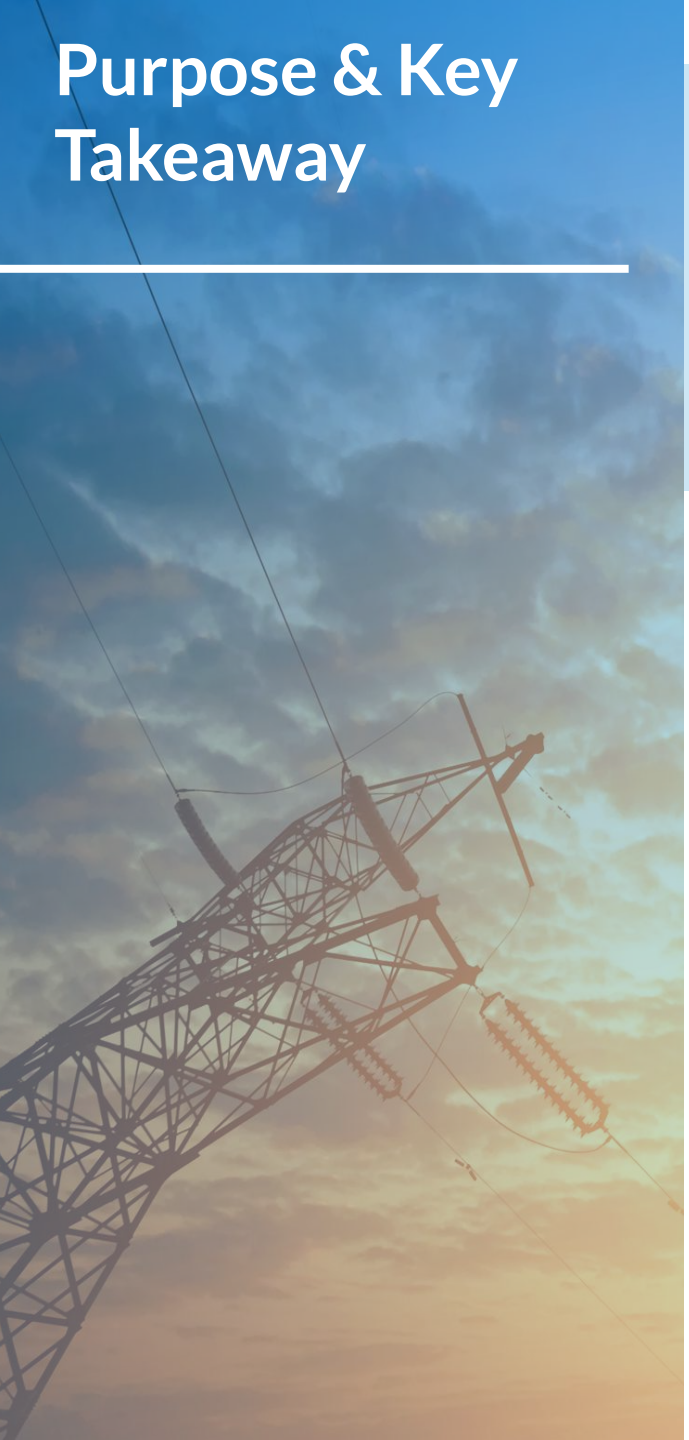


Expedited Project Review Results and Recommendation

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

March 3rd, 2026

Purpose & Key Takeaway



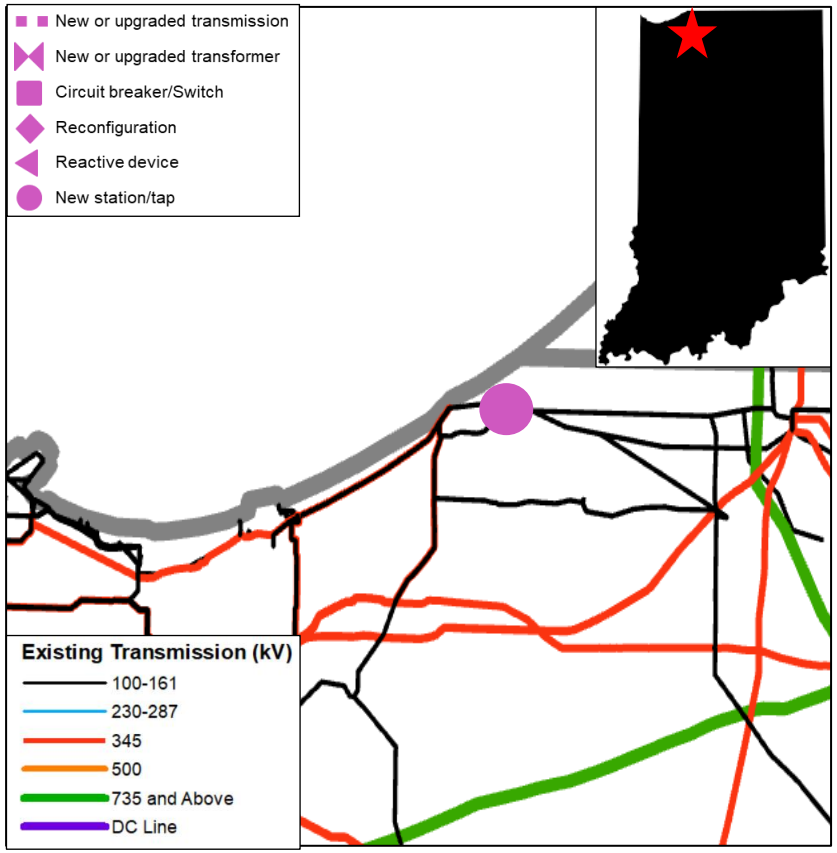
Purpose

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

Key Takeaways

- Three (3) EPRs have completed analysis and mitigation representing 2.6 GW of new spot load and other reliability concerns
  - Central region representing 3 projects for review
- MISO recommends the projects move to MTEP26 Appendix A after the PAC comment period.

NIPSCo: New Trail Creek 138 kV Load Addition



Project #	51148
Project Name	New Trail Creek 138 kV Load Addition
Project Type	Other, Load Growth
Project Description	300 MW load served at Trail Creek 138kV substation.
System Need	Customer load request and ISD timeline.
Current Cost	$12M
Expected ISD	06/30/2026
Target Appendix	A in MTEP26

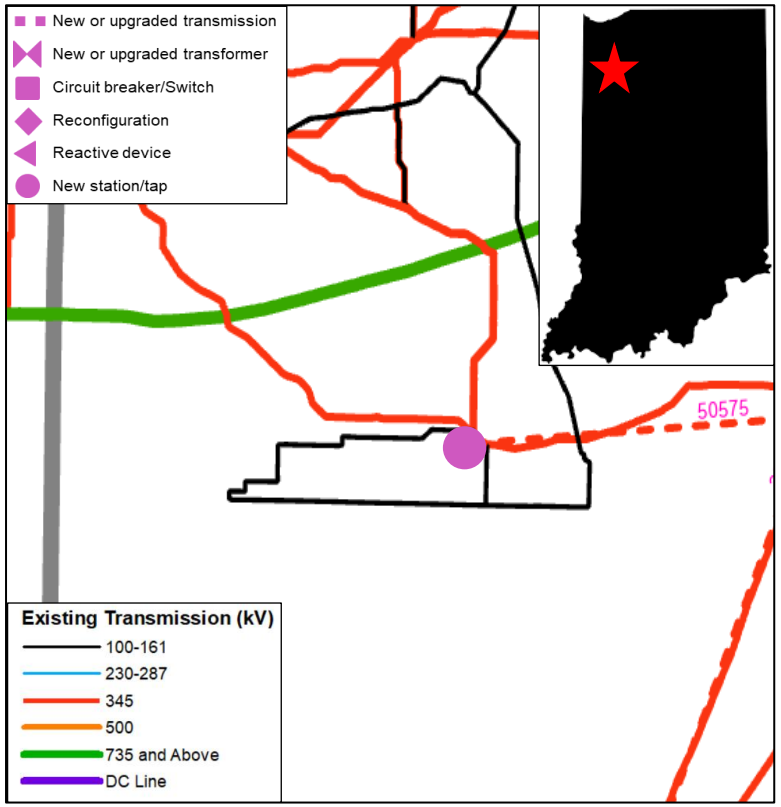
Models, Reliability Analysis, and Neighbor Coordination

- 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 from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

NIPSCo: New Schahfer 345 kV Load Addition



Project #	51142
Project Name	New Schahfer 345 kV Load Addition
Project Type	Other, Load Growth
Project Description	800 MW Load addition at Schahfer 345 kV substation.
System Need	Customer load request and ISD timeline.
Current Cost	$31M
Expected ISD	03/01/2027
Target Appendix	A in MTEP26

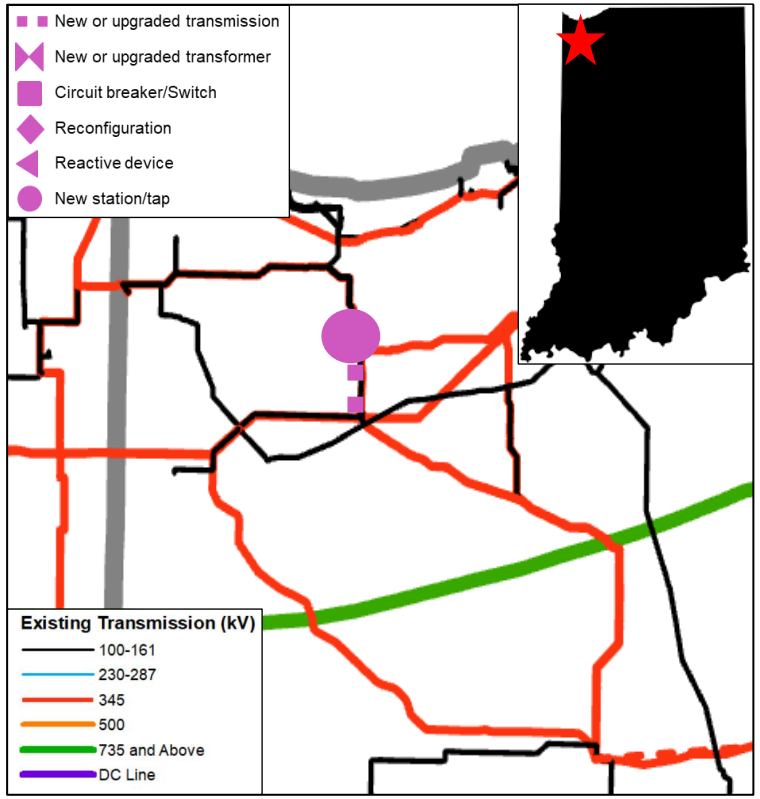
Models, Reliability Analysis, and Neighbor Coordination

- 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
  - All observed TPL violations or worsened reliability issues from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

NIPSCo: New Hobart 345 kV Load Addition



Project #	51141
Project Name	New Hobart 345 kV Load Addition
Project Type	Other, Load Growth
Project Description	1500 MW Load Addition that will loop into 345 kV circuit Lake George-Schahfer. A new line will be built from Green Acres to the load addition site.
System Need	Customer load request and ISD timeline
Current Cost	$60M
Expected ISD	03/01/2027
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
  - All observed TPL violations or worsened reliability issues from both n-1 and n-1-1 analysis had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

Questions?



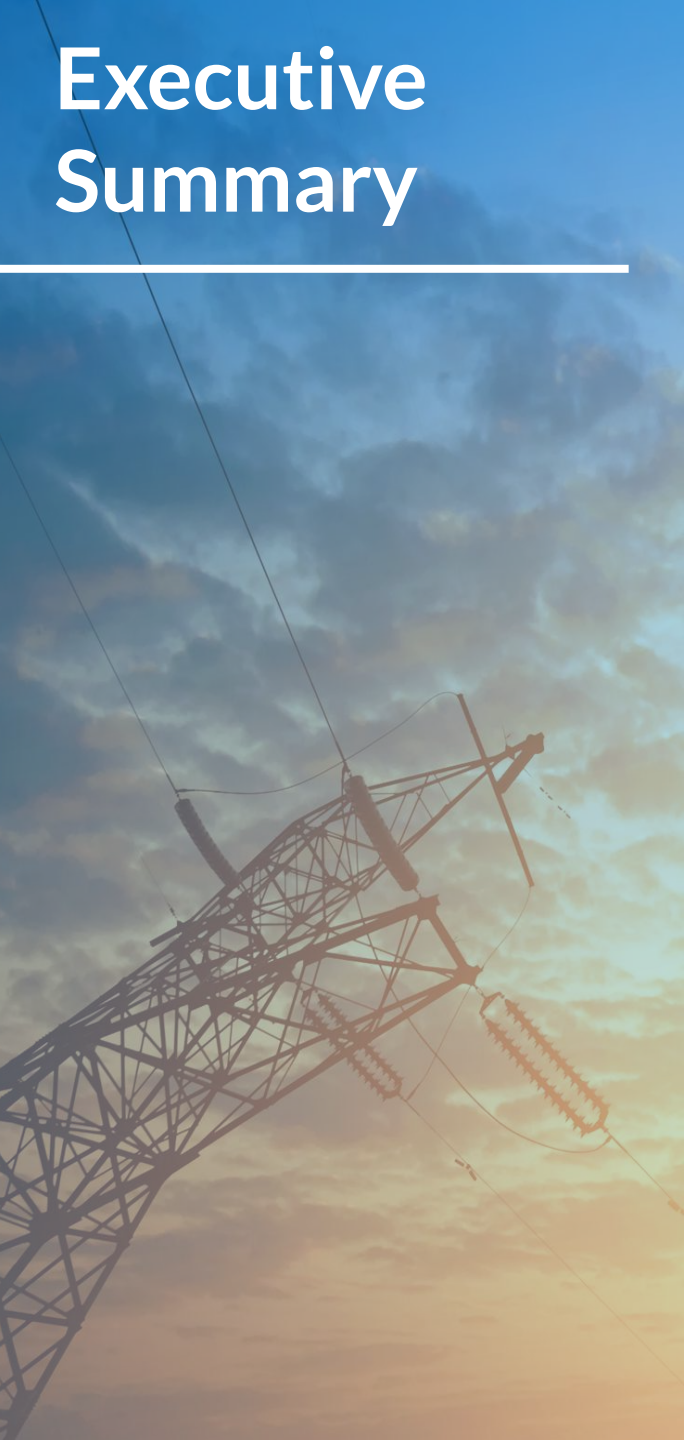


EPR Statistics Update

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

March 3rd, 2025

Executive Summary



- MISO has completed analysis of all submitted August and October 2025 EPRs.
- One (1) of the six (6) December 2025 Cycle EPRs has been approved. Three (3) have completed mitigation discussion, two (2) are still under study.
- MISO has received ten (10) EPR requests for the February 2026 Cycle.

MISO received 6 EPRs for the December 2025 cycle representing 4297 MW of new load. MISO added 3350 MW of newly signed GIA generation including 4 ERAS cycle 1 generators.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	EPR-TSTF March 3
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	EPR-TSTF March 3
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	EPR-TSTF March 3
December 2025	51134	Project Benton	East	ITCT	1383	Under Study
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Under Study
December 2025	51146	CCS 115 kV Station	South	EML	14	Approved

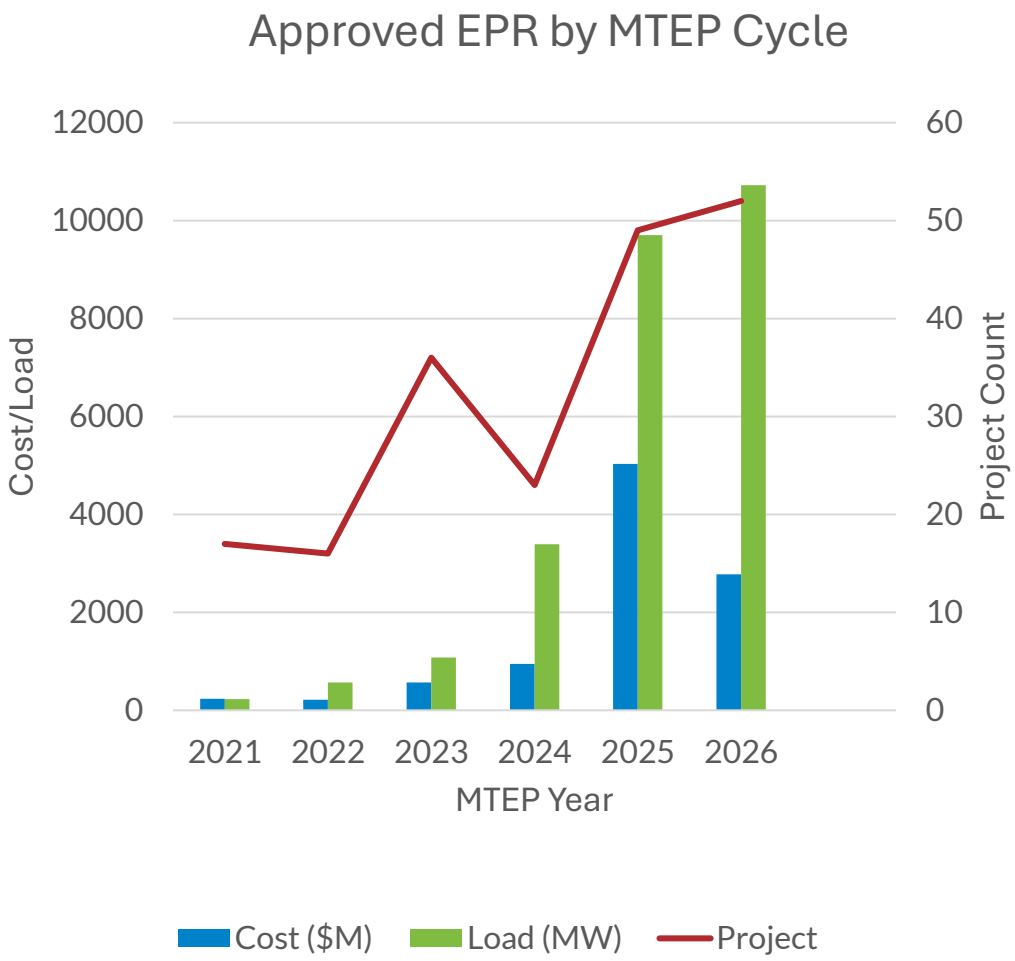
MISO received 10 EPRs for the February 2026 cycle representing 1,614 MW of new load.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51177	New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)	Central	AMIL	300	Under Study
February 2026	51178	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)	Central	AMIL	200	Under Study
February 2026	51179	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)	Central	AMIL	500	Under Study
February 2026	51175	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)	Central	AMMO		Under Study
February 2026	51207	New Gallagher 230 kV Load Addition	Central	CIN	150	Under Study
February 2026	51213	Viking Large Load Addition	West	CFU	100	Under Study

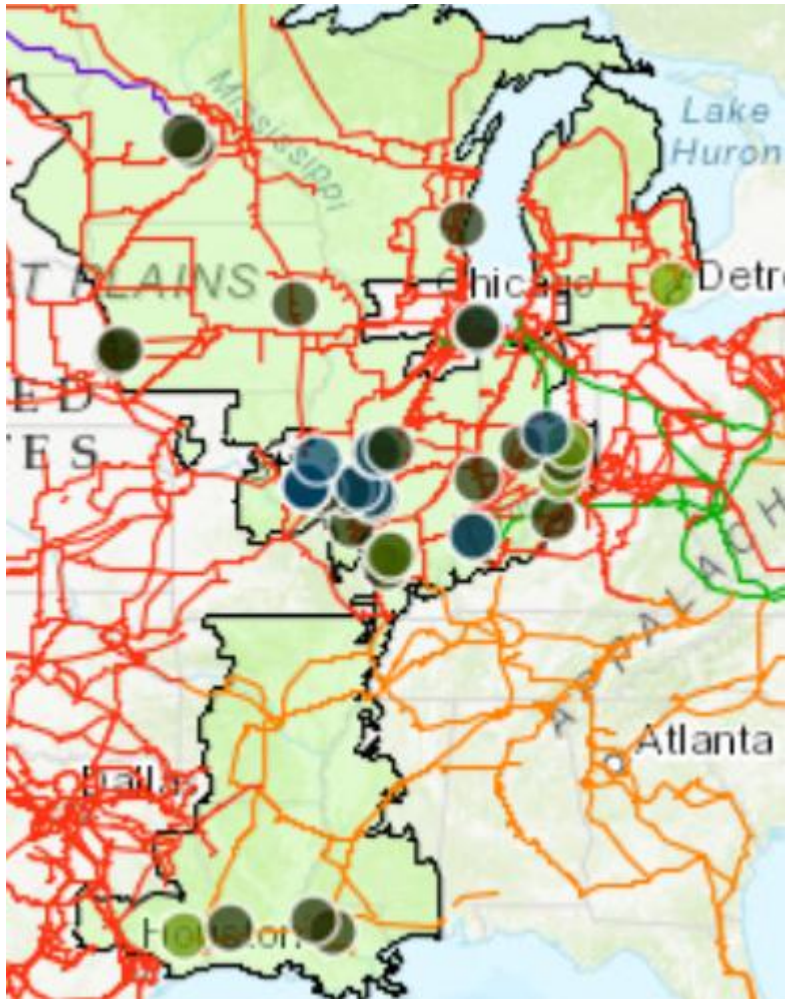
MISO received 10 EPRs for the February 2026 cycle representing 1,614 MW of new load.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51205	Garant Bayou 161kV: New Switching Station	South	EATO		Under Study
February 2026	51220	Project Cannoli	East	ITC	14.00	Under Study
February 2026	51216	Van Meter 161 kV Substation and Associated 161 kV Upgrades	West	MEC	300.00	Under Study
February 2026	51219	Wishek NW Data Center Load Addition	West	MDU	50.00	Under Study

MISO has approved 52 EPRs for the MTEP26 cycle as of February 28, 2026. MISO has received 75 submissions to the EPR process since June 2025.



Approved MTEP26 Spot Load projects



Questions?



Appendix

MISO completed the analysis for EPRs submitted into June 2025 Cycle

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Approved
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Approved
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Approved
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Approved
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Approved
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Approved
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Approved
October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Approved
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Approved
October 2025	51079	Project Raider Load	Central	SIGE	600	Approved
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Approved
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Approved
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved



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

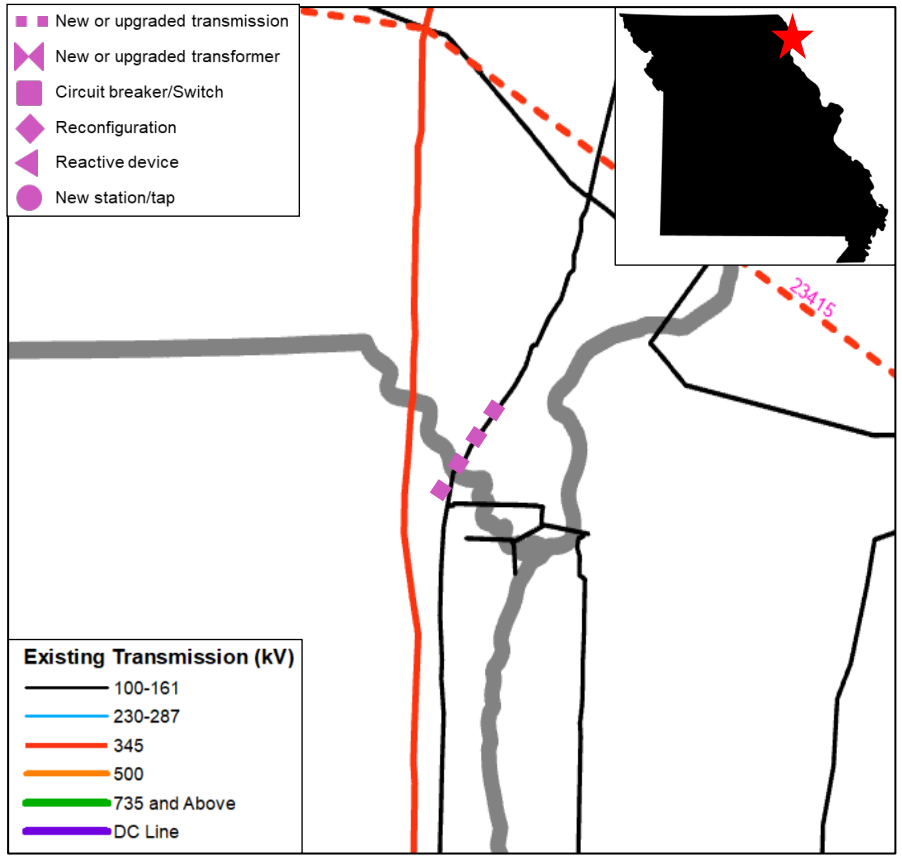
Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways

- 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

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

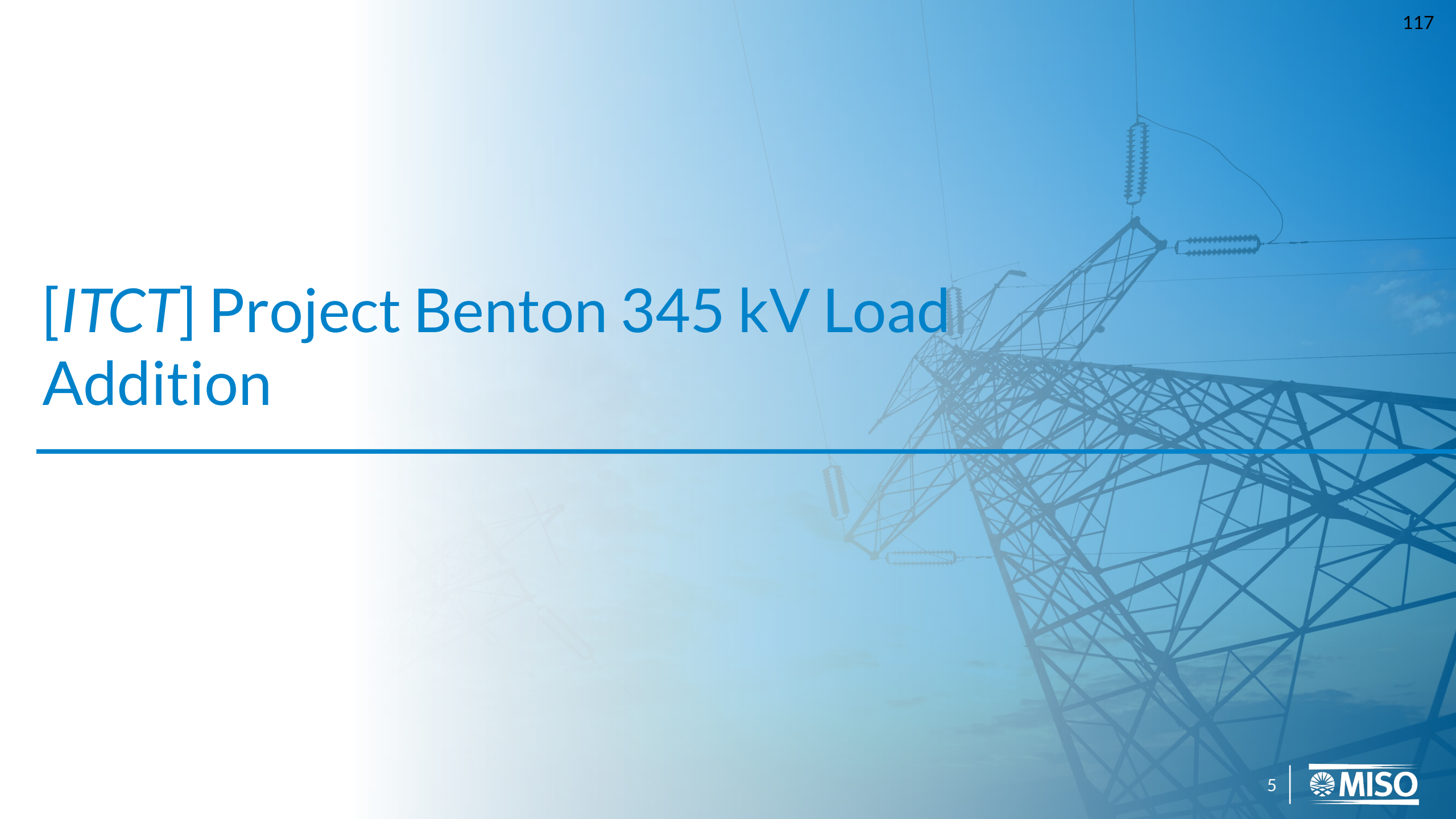
AMMO: Rebuild Carbide Tap-Viele 161 kV line



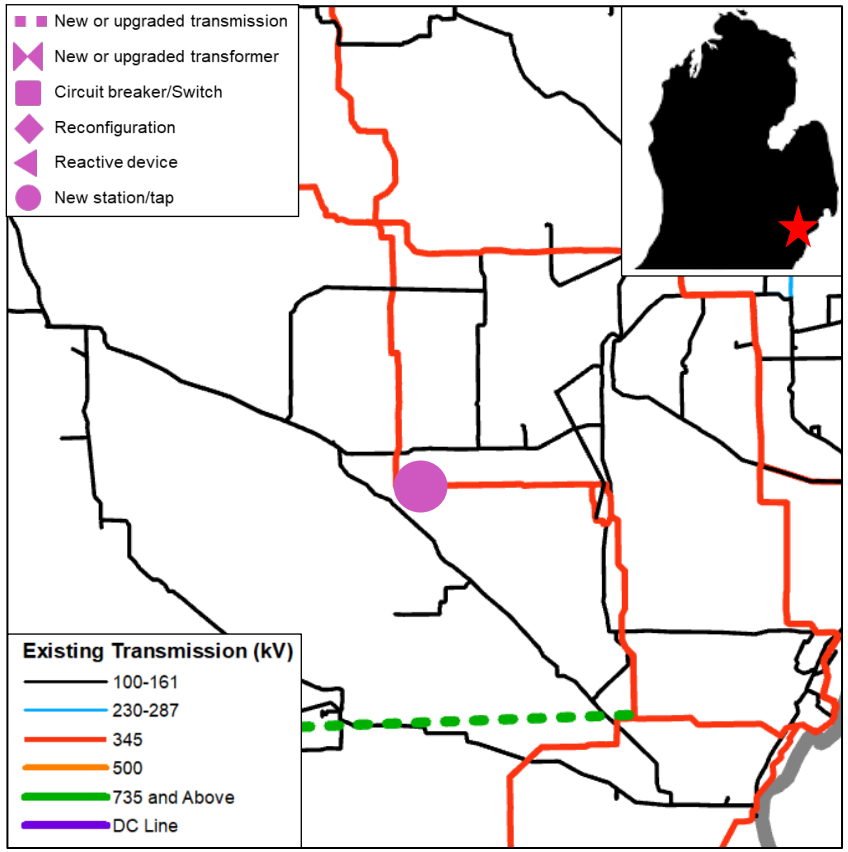
Project #	51175
Project Name	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)
Project Type	Other, Local Needs
Project Description	Ameren Missouri has entered into an agreement with Northeast Missouri Electric Cooperative to rebuild approximately 7.2 miles of the Ameren Missouri Palmyra-Viele-2 161 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



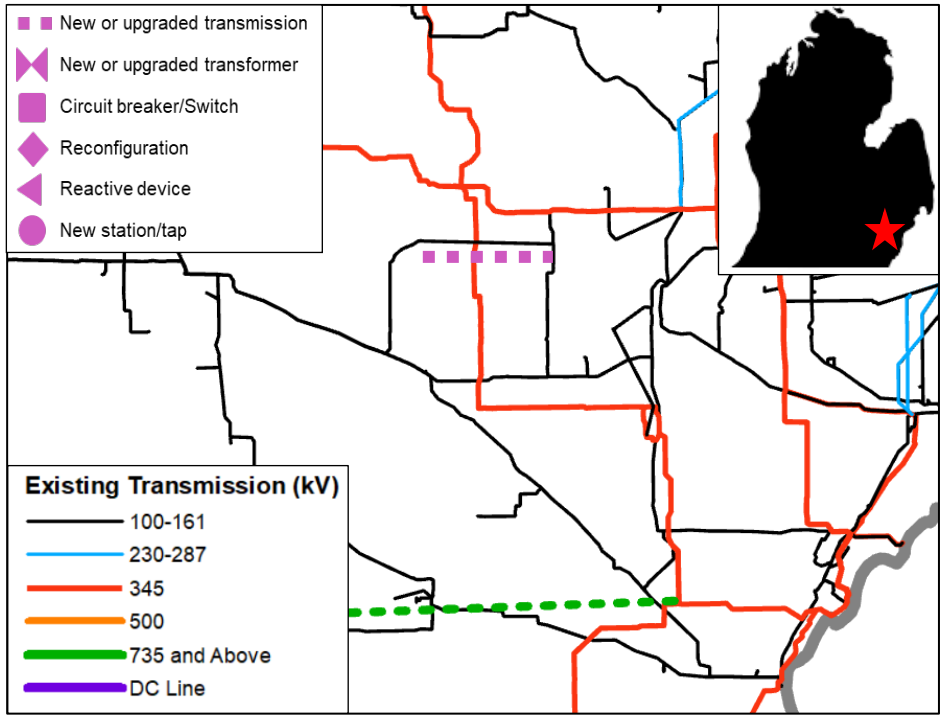
Project #	51134
Project Name	Project Benton
Project Type	Other, Load Growth
Project Description	ITCT to build 2 new 6-row 345 kV stations to accommodate Project Benton. Both the Majestic-Milan and Majestic-Lemoyne 345 kV lines will be cut into both stations. ITCT will install capacitor banks on the high-side 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

- 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

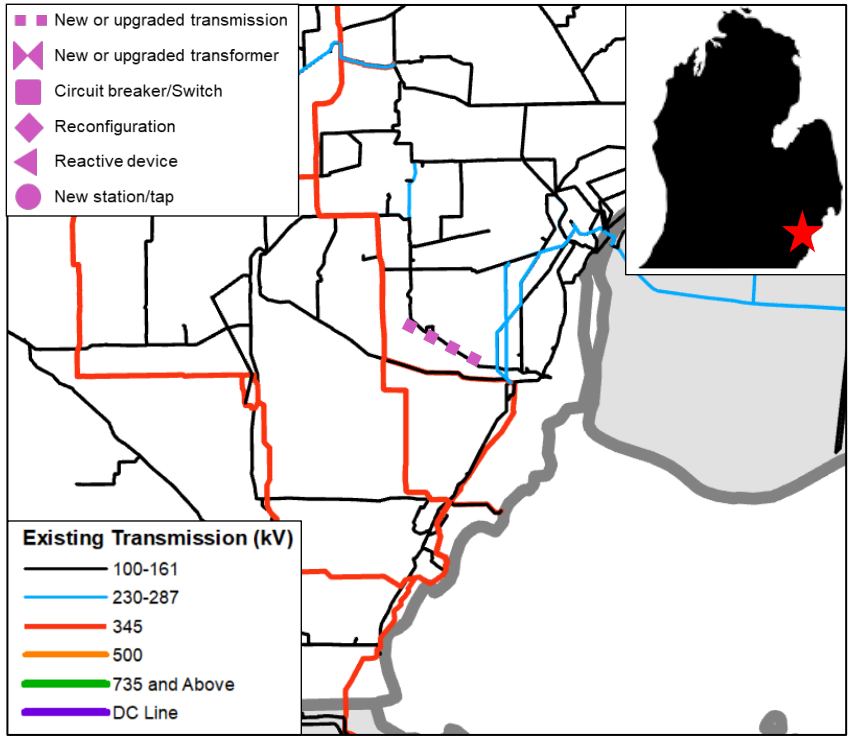
- MISO coordinated with impacted neighboring entities based on the analysis results
  - We appreciate the active coordination of the impacted parties as a part of this process

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

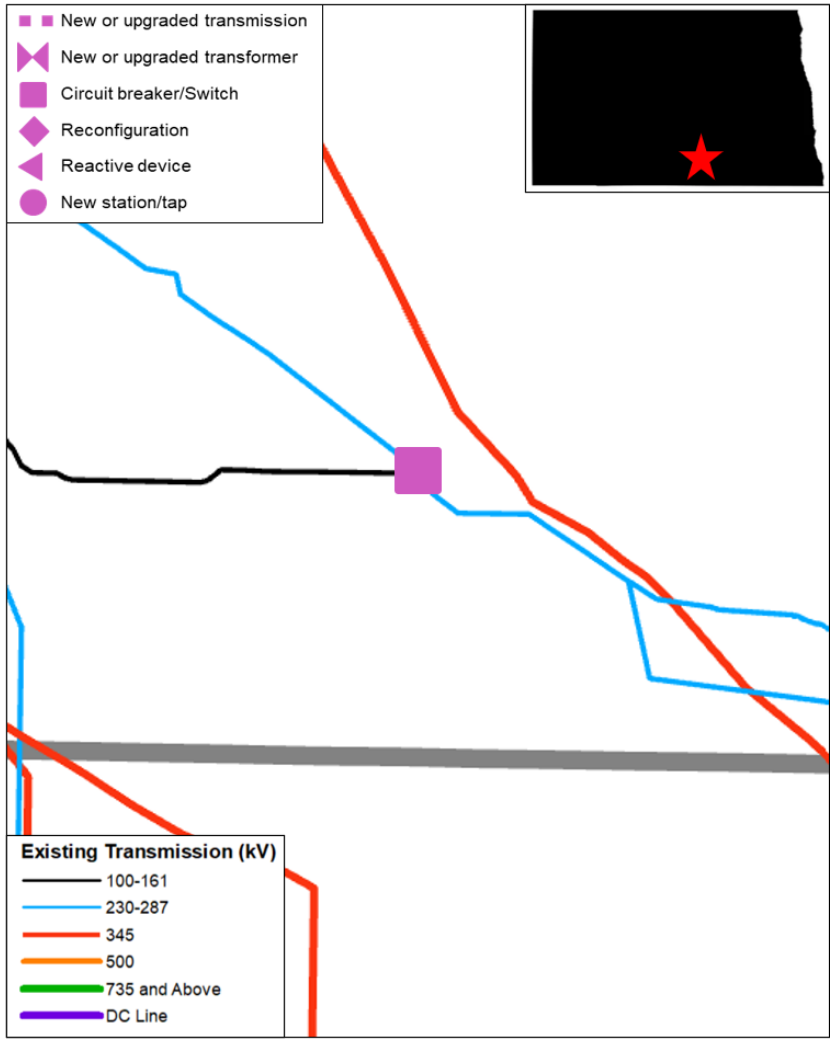
51134 Corrective Action Plan (CAP)
New MTEP26 BRP project



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

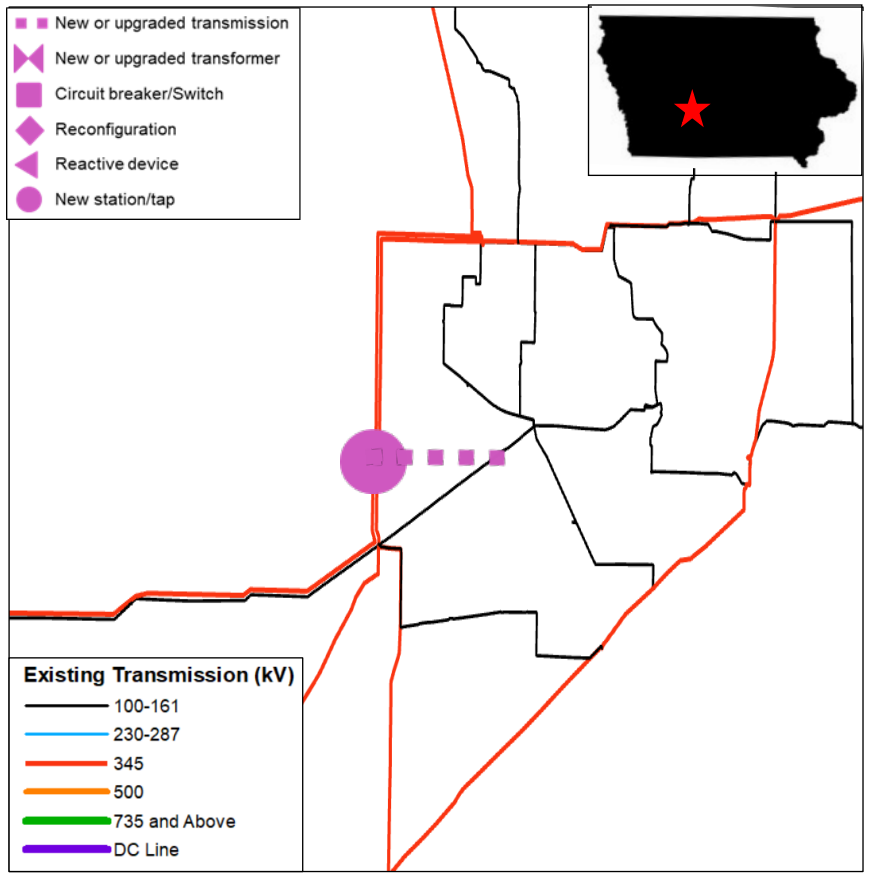
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.

- 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

MEC: Van Meter 161 kV Substation and Associated 161 kV Upgrades



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

- 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?





EPR Statistics Update

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

April 7, 2026

Update Slide 9 – 4/3/2026

Executive Summary



- Four (4) of the six (6) December 2025 Cycle EPRs have been approved. One (1) has completed mitigation discussion, one (1) is still under study.
- Three (3) of the ten (10) February 2026 Cycle EPRs have completed mitigation discussions; seven (7) are still under study.
- MISO has received nineteen (19) EPR requests for the April 2026 Cycle.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Approved
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Approved
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Approved
December 2025	51134	Project Benton	East	ITCT	1383	EPR-TSTF April 7
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Under Study
December 2025	51146	CCS 115 kV Station	South	EML	14	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51177	New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)	Central	AMIL	300	Under Study
February 2026	51178	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)	Central	AMIL	200	Under Study
February 2026	51179	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)	Central	AMIL	500	Under Study
February 2026	51175	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)	Central	AMMO		EPR-TSTF April 7
February 2026	51207	New Gallagher 230 kV Load Addition	Central	CIN	150	Under Study
February 2026	51213	Viking Large Load Addition	West	CFU	100	Under Study

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51205	Garant Bayou 161kV: New Switching Station	South	EATO		Under Study
February 2026	51220	Project Cannoli	East	ITC	1000	Under Study
February 2026	51216	Van Meter 161 kV Substation and Associated 161 kV Upgrades	West	MEC	300	EPR-TSTF April 7
February 2026	51219	Wishek NW Data Center Load Addition	West	MDU	50	EPR-TSTF April 7

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51228	New Reynolds 138 kV Delivery Point	Central	IPL	250	Under Study
April 2026	51238	Galet 230kV: Expand Substation	South	EAL	250	Under Study
April 2026	51259	Big Cedar 370 MW Load Addition	West	ITCM	370	Under Study
April 2026	51262	West Fork Creek 500-230 kV Station	South	ELL		Under Study
April 2026	51263	West Fork Creek to St Landry 500 kV Project	South	ELL		Under Study
April 2026	51264	El Dorado to Smalling 500 kV Project	South	ELL/EAL		Under Study
April 2026	51293	Hannover Data Center Load Addition	West	MDU	430	Under Study
April 2026	51298	Marquette 230 kV New Substation	South	EMI	116	Under Study
April 2026	51299	Macaw 230 kV New Substation	South	EMI	200	Under Study

*Confidential load values are not included in this value

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51300	New 69 kV Capacitor Bank Addition at Blue Earth NE 69 kV Sub and other Blue Earth load driven facility upgrades	West	CMMPA	100	Under Study
April 2026	51301	Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.	South	ELL		Under Study
April 2026	51303	New RECC Load Addition at Mogul 345 kV Substation (Phase 3)	Central	AMIL	365	Under Study
April 2026	51304	Prairie Link 345 kV Load Addition	Central	AMIL	700	Under Study
April 2026	51307	Project Hackman Phase 1	Central	HE	300	Under Study
April 2026	51308	Project Hackman Phase 2	Central	HE	600	Under Study
April 2026	51309	New Tallgrass 13/12 kV substation	Central	HE		Under Study

*Confidential load values are not included in this value

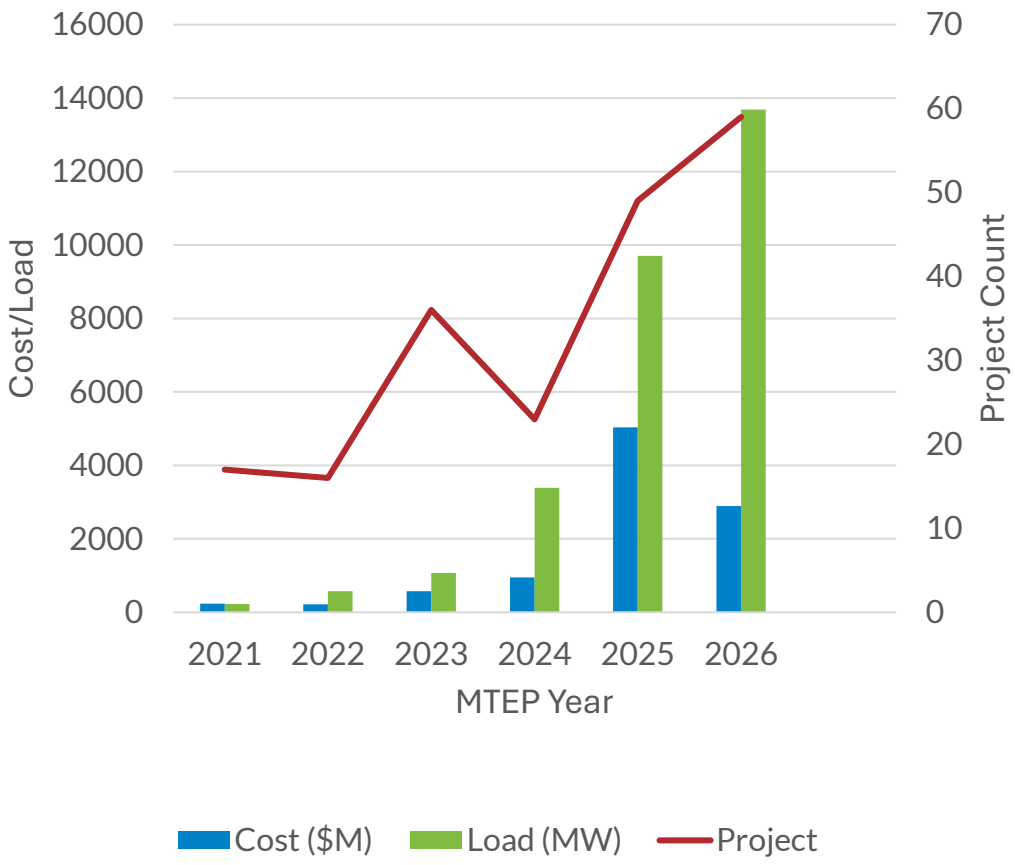
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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51311	DEMCO Juban Trails 500-230 kV Station	South	ELL	676	Under Study
April 2026	51312	Sheridan North Load Addition	South	AECC	800	Under Study
April 2026	51313	Prairie Link 345 kV Temporary Connection	Central	AMIL	300	Under Study

*Confidential load values are not included in this value

Unlabeled

Approved EPR by MTEP Cycle



Approved MTEP26 Spot Load projects



Approved EPR Chart updated 4/3/2026

Questions?



Appendix

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Approved
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Approved
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Approved
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Approved
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Approved
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Approved
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Approved
October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Approved
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Approved
October 2025	51079	Project Raider Load	Central	SIGE	600	Approved
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Approved
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Approved
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved

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Expedited Project Review Results and Recommendation

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

May 5th, 2026

Purpose & Key Takeaway



Purpose

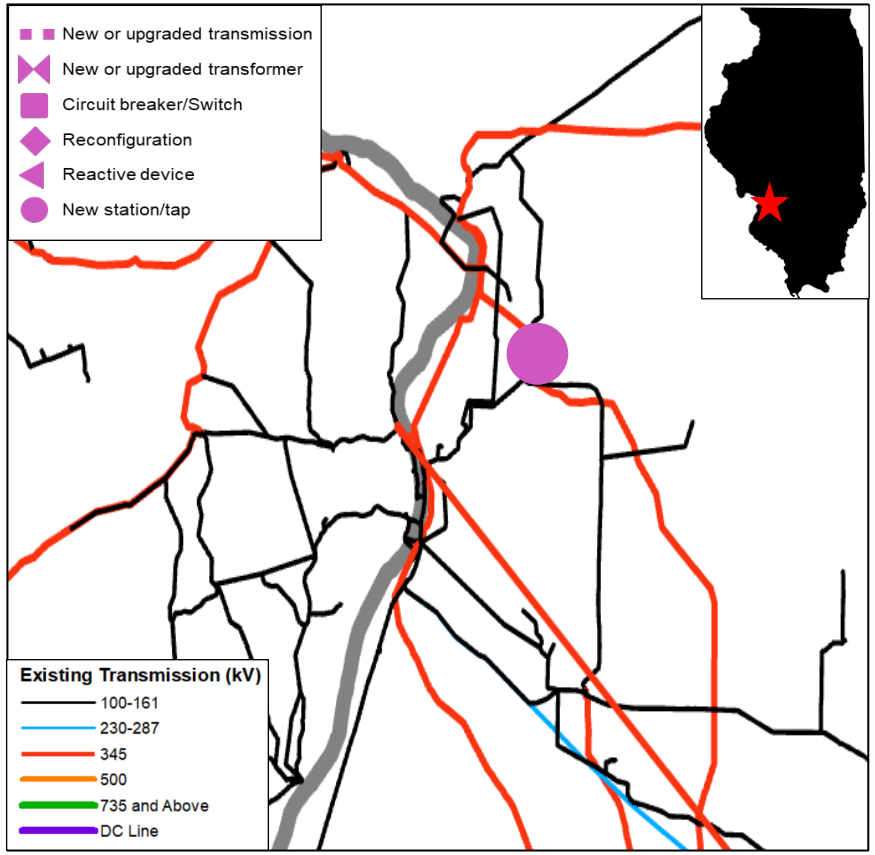
Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways

- Central region representing 5 project for review with 1 Corrective Action Plan (CAP) projects
- South region representing 1 project for review

[*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

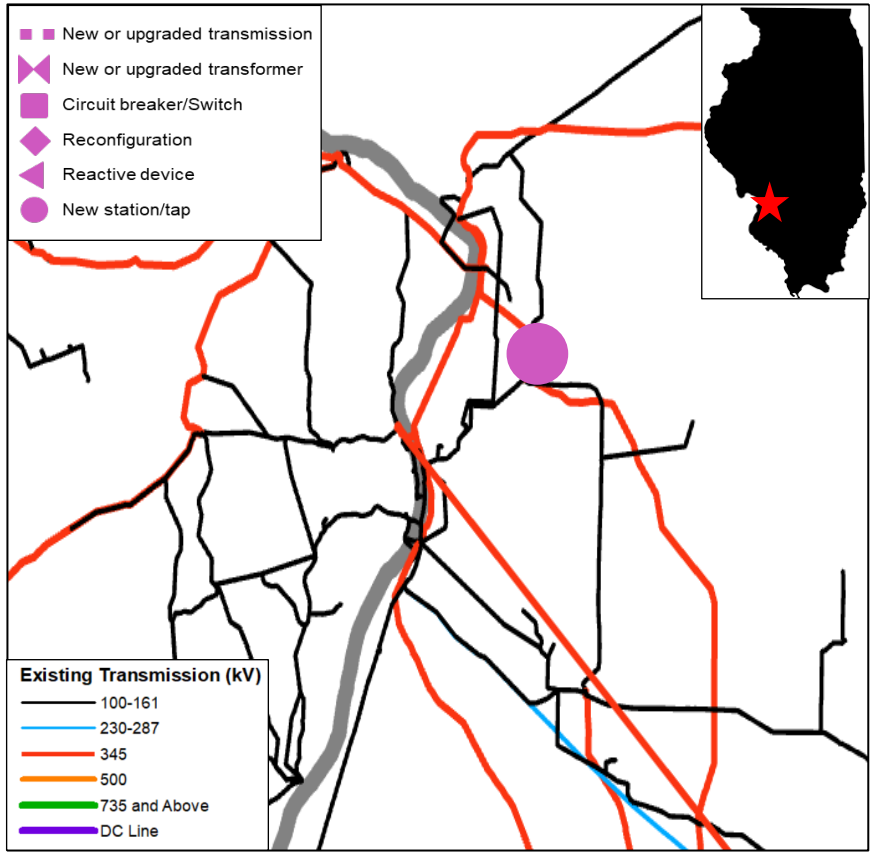
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.

- 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

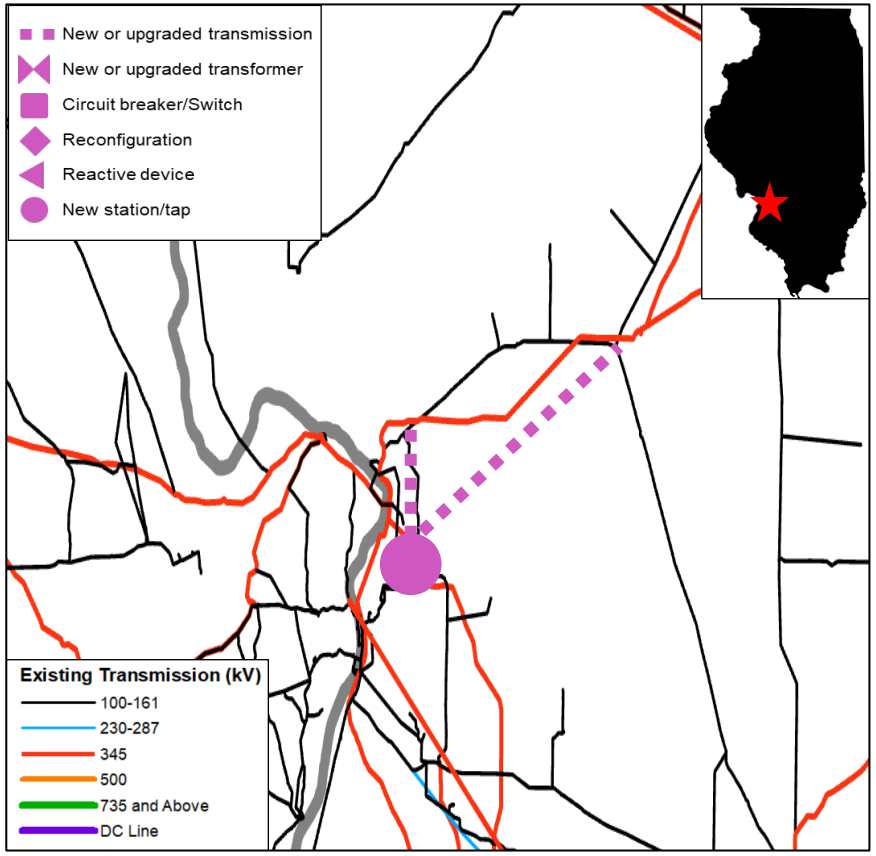
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.

- 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 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

- 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.

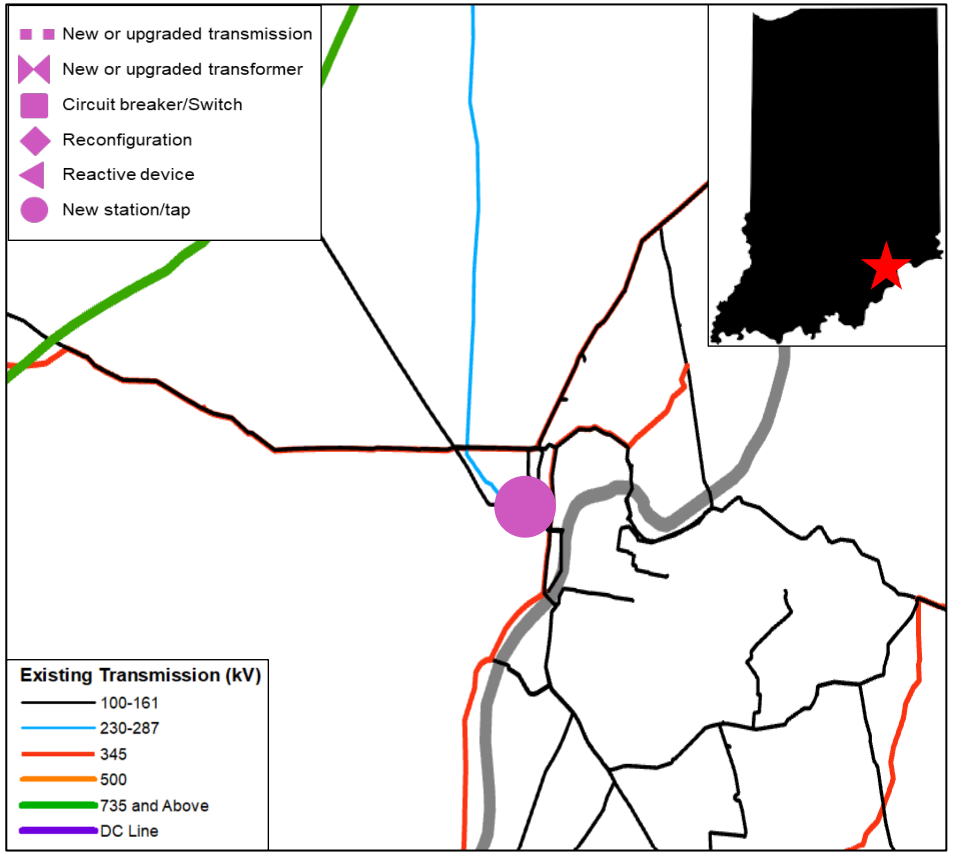
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - All observed TPL violations or worsened reliability issues on the MISO system had valid CAPs that did not require any new MTEP projects

- No neighboring entities were impacted based on the analysis results.

[*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

- 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.

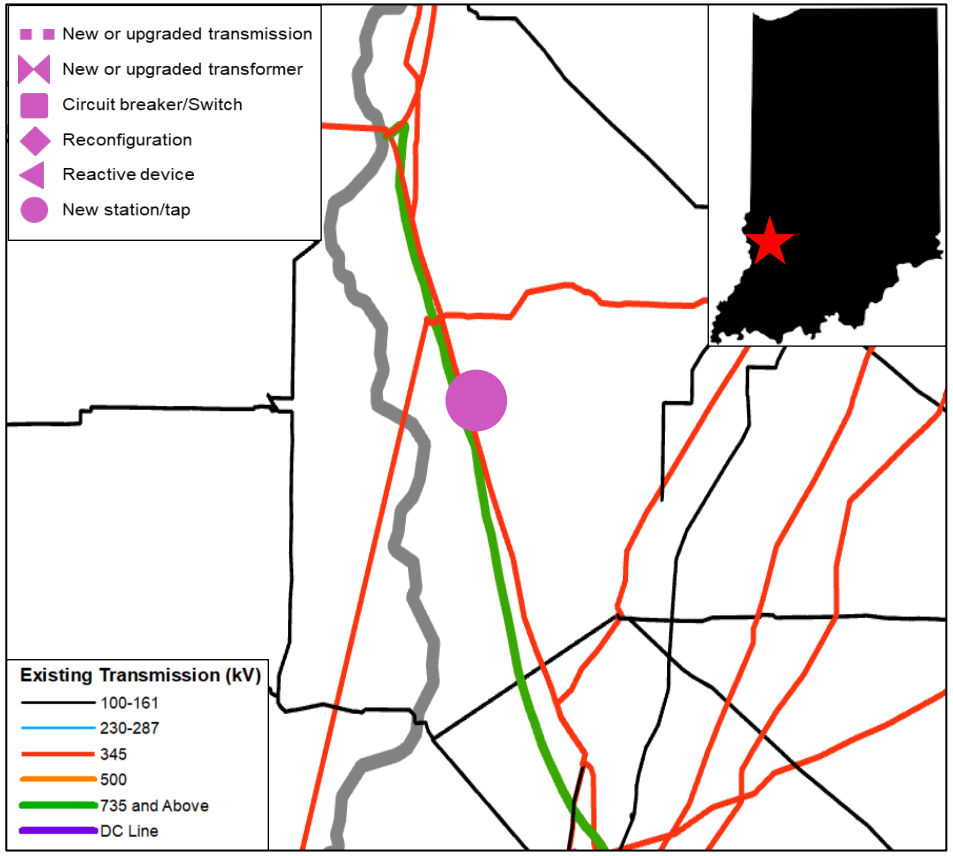
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - All observed TPL violations or worsened reliability issues on the MISO system had valid CAPs that did not 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



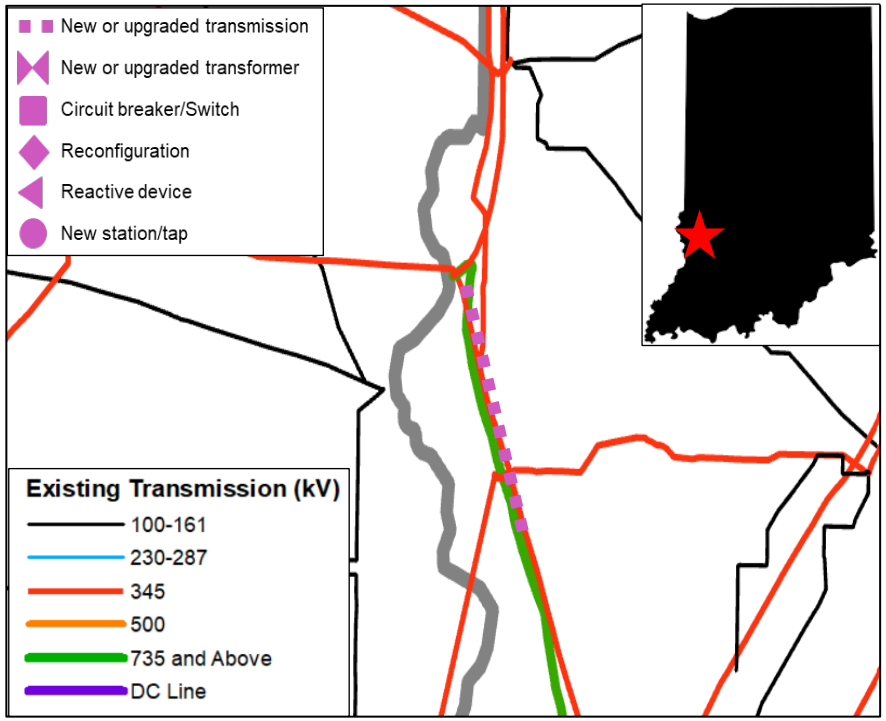
Project #	51145
Project Name	New Crossroads 345 kV Transmission Station and Load
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV breaker and a half station and interconnect a new 300 MW (98.61 MVAR) load.
System Need	To connect a new 300 MW load, it is necessary to construct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

- 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
  - 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

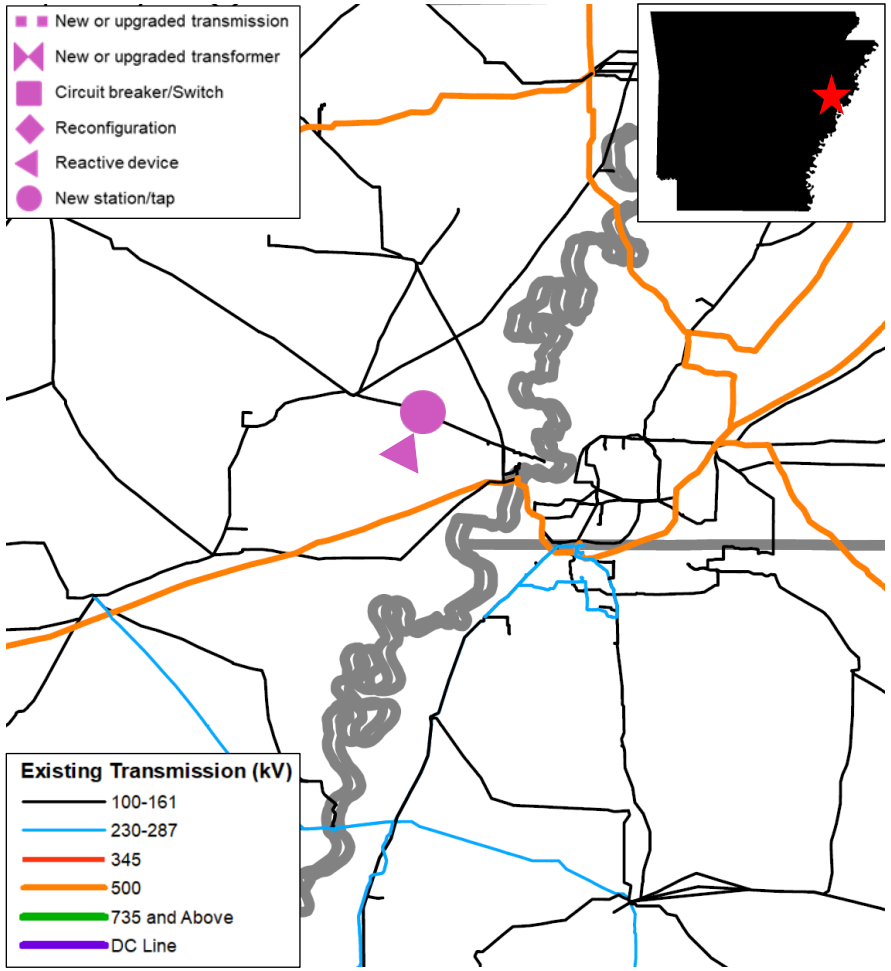
51237 Corrective Action Plan (CAP)
New MTEP26 BRP project



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

EES: Garant Bayou 161kV: New Station



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

- 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.

Questions?





EPR Statistics Update

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

May 5th, 2026

Executive Summary



- Five (5) of the six (6) December 2025 Cycle EPRs have been approved. One (1) has completed mitigation discussion, none are still under study.
- Three (3) of the ten (10) February 2026 Cycle EPRs have been approved. Five (5) have completed mitigation discussion, Two (2) are still under study.
- MISO received eighteen (18) EPR requests for the April 2026 Cycle. All are still under study.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Approved
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Approved
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Approved
December 2025	51134	Project Benton	East	ITCT	1383	Approved
December 2025	51145	New Crossroads Station and Load	Central	HE	300	EPR-TSTF May 5
December 2025	51146	CCS 115 kV Station	South	EML	14	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51177	New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)	Central	AMIL	300	EPR-TSTF May 5
February 2026	51178	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)	Central	AMIL	200	EPR-TSTF May 5
February 2026	51179	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)	Central	AMIL	500	EPR-TSTF May 5
February 2026	51175	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)	Central	AMMO		Approved
February 2026	51207	New Gallagher 230 kV Load Addition	Central	CIN	150	EPR-TSTF May 5
February 2026	51213	Viking Large Load Addition	West	CFU	100	Under Study

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51205	Garant Bayou 161kV: New Switching Station	South	EATO	96	EPR-TSTF May 5
February 2026	51220	Project Cannoli	East	ITC	1000	Under Study
February 2026	51216	Van Meter 161 kV Substation and Associated 161 kV Upgrades	West	MEC	300	Approved
February 2026	51219	Wishek NW Data Center Load Addition	West	MDU	50	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51228	New Reynolds 138 kV Delivery Point	Central	IPL	250	Under Study
April 2026	51238	Galet 230kV: Expand Substation	South	EAL	250	Under Study
April 2026	51259	Big Cedar 370 MW Load Addition	West	ITCM	370	Under Study
April 2026	51262	West Fork Creek 500-230 kV Station	South	ELL		Under Study
April 2026	51263	West Fork Creek to St Landry 500 kV Project	South	ELL		Under Study
April 2026	51264	El Dorado to Smalling 500 kV Project	South	ELL/EAL		Under Study
April 2026	51293	Hannover Data Center Load Addition	West	MDU	430	Under Study
April 2026	51298	Marquette 230 kV New Substation	South	EMI	116	Under Study
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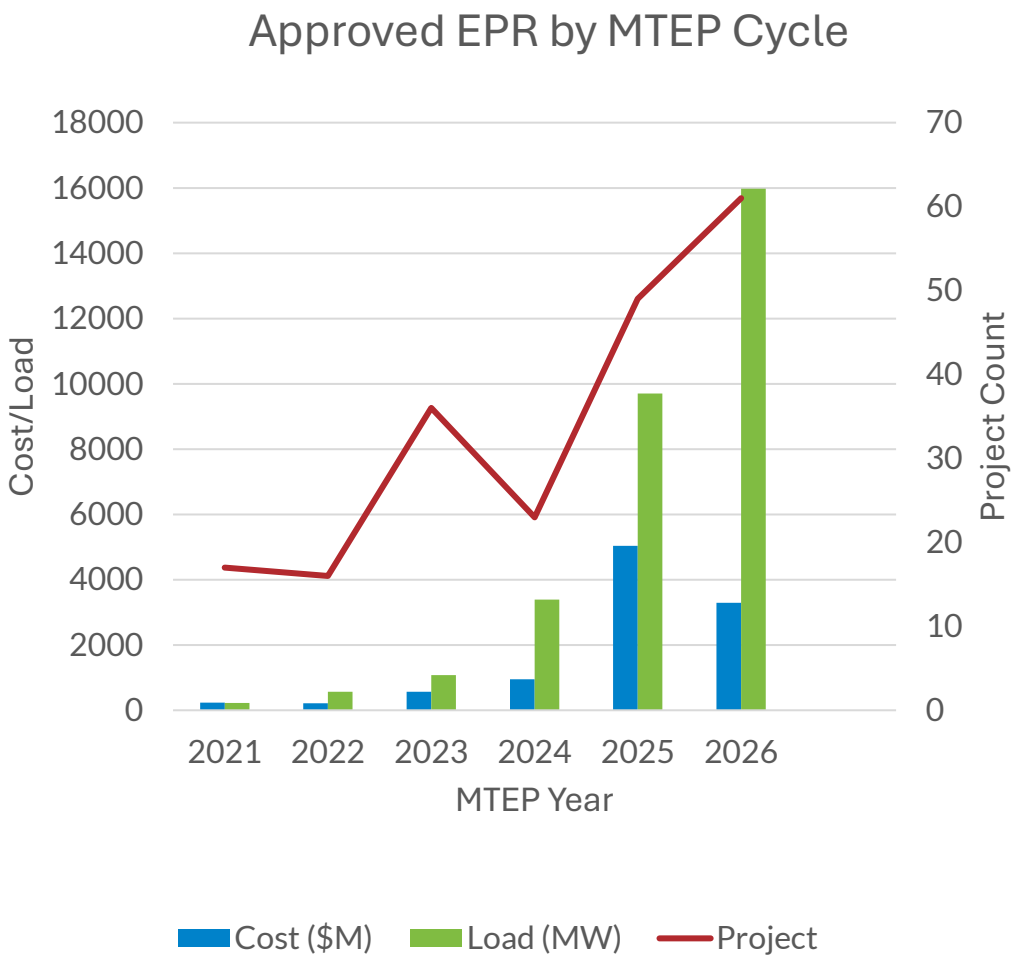
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April 2026	51301	Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.	South	ELL		Under Study
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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51311	DEMCO Juban Trails 500-230 kV Station	South	ELL	676	Under Study
April 2026	51313	Prairie Link 345 kV Temporary Connection	Central	AMIL	300	Under Study

*Confidential load values are not included in this value



Approved MTEP26 Spot Load projects



Approved EPR Chart updated 4/3/2026

Questions?



Appendix

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June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
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August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
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August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Approved
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Approved
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
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October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
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October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Approved
October 2025	51079	Project Raider Load	Central	SIGE	600	Approved
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Approved
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Approved
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved



EPR Statistics Update

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

July 7th, 2026

Executive Summary



- Eight of the ten February 2026 Cycle EPRs have been approved. One have completed mitigation discussions, One additional project was identified to support this EPR request.
- Five of the nineteen EPR requests for the April 2026 Cycle have completed mitigations discussions, Six more projects were identified to support these five EPR requests.
- MISO received nine EPR requests for the June 2026 Cycle.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51177	New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)	Central	AMIL	300	Approved
February 2026	51178	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)	Central	AMIL	200	Approved
February 2026	51179	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)	Central	AMIL	500	Approved
February 2026	51175	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)	Central	AMMO		Approved
February 2026	51207	New Gallagher 230 kV Load Addition	Central	CIN	150	Approved
February 2026	51213	Viking Large Load Addition	West	CFU	100	Under Study

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51205	Garant Bayou 161kV: New Switching Station	South	EATO		Approved
February 2026	51220	Project Cannoli	East	ITC	1000	EPR TSTF July 7th
February 2026	51216	Van Meter 161 kV Substation and Associated 161 kV Upgrades	West	MEC	300	Approved
February 2026	51219	Wishek NW Data Center Load Addition	West	MDU	50	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51228	New Reynolds 138 kV Delivery Point	Central	IPL	250	Under Study
April 2026	51238	Galet 230kV: Expand Substation	South	EAL	250	Under Study
April 2026	51259	Big Cedar 370 MW Load Addition	West	ITCM	370	Under Study
April 2026	51262	West Fork Creek 500-230 kV Station	South	ELL		Under Study
April 2026	51263	West Fork Creek to St Landry 500 kV Project	South	ELL		Under Study
April 2026	51264	El Dorado to Smalling 500 kV Project	South	ELL/EAL		Under Study
April 2026	51293	Hannover Data Center Load Addition	West	MDU	430	EPR TSTF July 7th
April 2026	51298	Marquette 230 kV New Substation	South	EMI	116	Under Study
April 2026	51299	Macaw 230 kV New Substation	South	EMI	200	Under Study

*Confidential load values are not included in this value

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51300	New 69 kV Capacitor Bank Addition at Blue Earth NE 69 kV Sub and other Blue Earth load driven facility upgrades	West	CMMPA	100	Under Study
April 2026	51301	Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.	South	ELL		EPR TSTF July 7th
April 2026	51303	New RECC Load Addition at Mogul 345 kV Substation (Phase 3)	Central	AMIL	365	EPR TSTF July 7th
April 2026	51304	Prairie Link 345 kV Load Addition	Central	AMIL	700	EPR TSTF July 7th
April 2026	51307	Project Hackman Phase 1	Central	HE	300	Under Study
April 2026	51308	Project Hackman Phase 2	Central	HE	600	Under Study
April 2026	51309	New Tallgrass 13/12 kV substation	Central	HE		Under Study

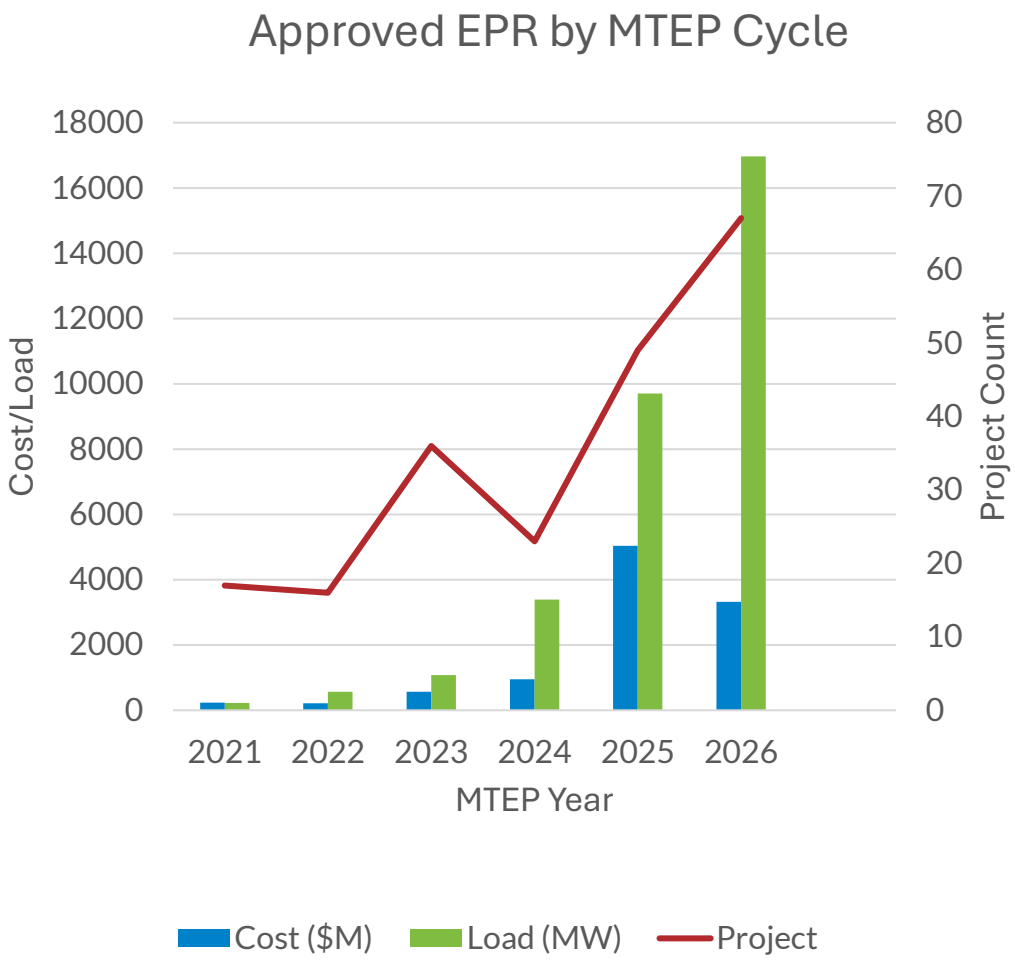
*Confidential load values are not included in this value

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51311	DEMCO Juban Trails 500-230 kV Station	South	ELL	676	Under Study
April 2026	51312	Sheridan North Load Addition	South	AECC	800	Under Study
April 2026	51313	Prairie Link 345 kV Temporary Connection	Central	AMIL	300	EPR TSTF July 7th

*Confidential load values are not included in this value

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2026	51312	Sheridan North Load Addition	South	AECC	800	Under Study
June 2026	51320	Temporary Tap for Truett 500 MW	Central	AMIL	500	Under Study
June 2026	51323	New Project Point 345 kV Temporary Tap	Central	AMMO	600	Under Study
June 2026	51329	Brazos Plantersville 230 kV Station	South	EES	13.37	Under Study
June 2026	51352	Midbend 230 kV Station	South	EES	29	Under Study
June 2026	51363	Peninsula DC	South	CLEC	430	Under Study
June 2026	51364	Project Atom Load Interconnection	West	ITCM	300	Under Study
June 2026	51366	Project Skyway Large Load	West	XEL	780	Under Study
June 2026	51368	Project Point Stag Capacitor Bank	Central	AMMO		Under Study

*Confidential load values are not included in this value



Approved EPR Chart updated 7/1/2026

Approved MTEP26 Spot Load projects



Questions?



Appendix

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Approved
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Approved
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Approved
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Approved
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Approved
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Approved
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Approved
October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Approved
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Approved
October 2025	51079	Project Raider Load	Central	SIGE	600	Approved
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Approved
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Approved
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Approved
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Approved
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Approved
December 2025	51134	Project Benton	East	ITCT	1383	Approved
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Approved
December 2025	51146	CCS 115 kV Station	South	EML	14	Approved



Expedited Project Review Results and Recommendation

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

July 7, 2026

Purpose & Key Takeaway



Purpose

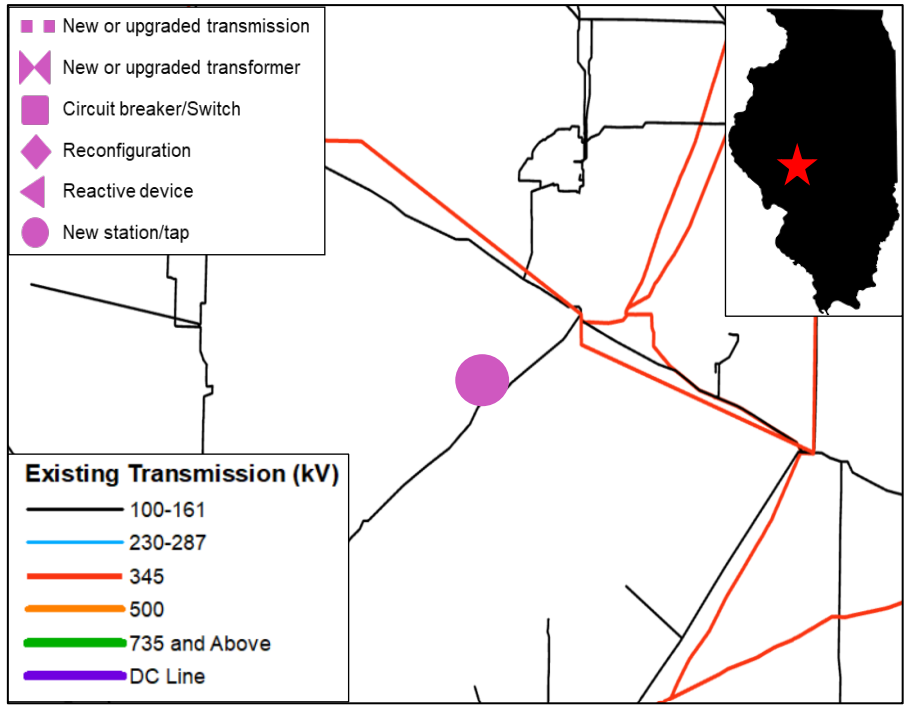
Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways

- Central region representing 3 projects for review with 5 Corrective Action Plan (CAP) projects
- East region representing 1 project for review with 1 Corrective Action Plan (CAP) project
- West region representing 1 project for review
- South region representing 1 project for review

[AMIL] New RECC Load Addition at Mogul 345 kV Substation (Phase 3)

AMIL: New RECC Load Addition at Mogul 345 kV Substation (Phase 3)



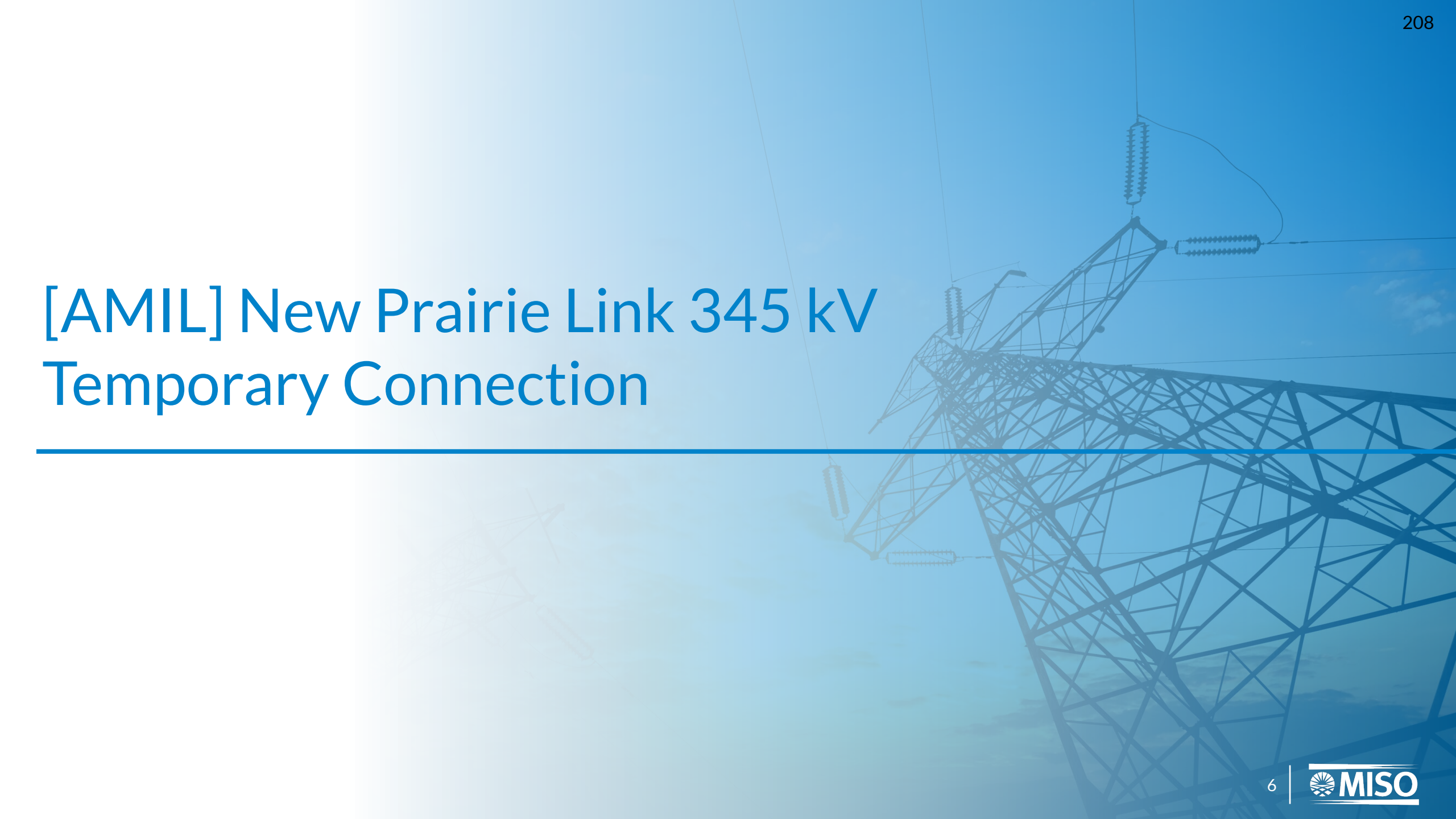
Project #	51303
Project Name	New RECC Load Addition at Mogul 345 kV Substation (Phase 3)
Project Type	Other, Load Growth
Project Description	Install 270 MVAR Capacitor and upgrade Austin terminal equipment to allow for the increase load at Mogul 345 kV of 365 MW load addition.
System Need	Customer load request and ISD timeline.
Current Cost	$18.6M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

- 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.

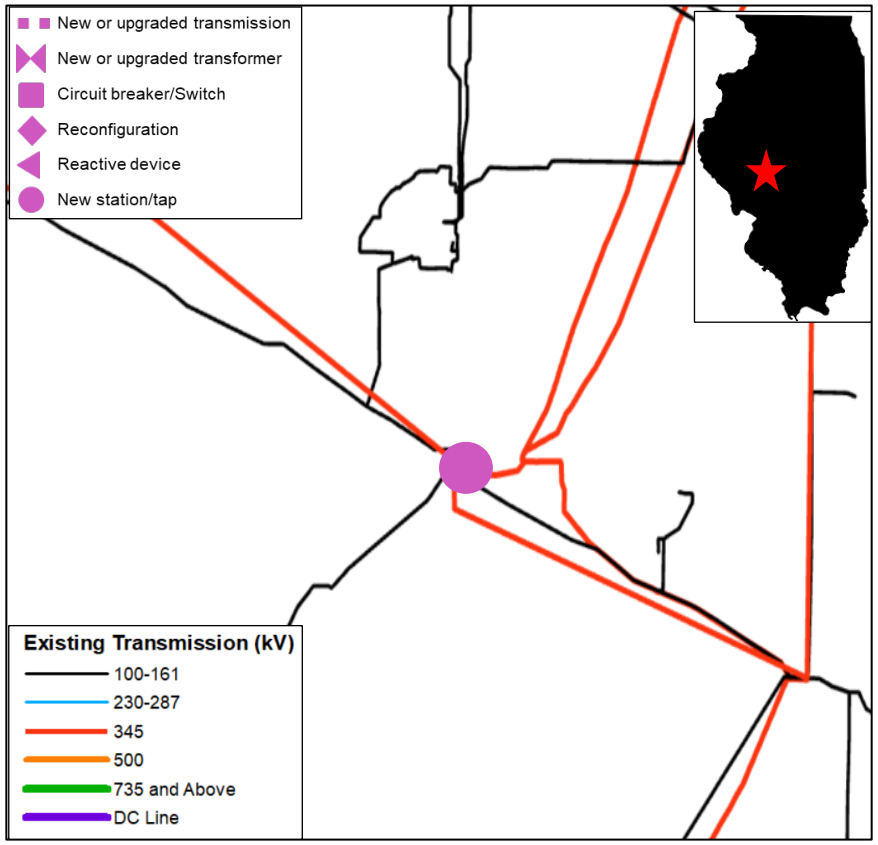
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - One (1) additional CAP(s) were required to mitigate observed issues

- 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

[AMIL] New Prairie Link 345 kV Temporary Connection



AMIL: New Prairie Link 345 kV Temporary Connection



Project #	51313
Project Name	New Prairie Link 345 kV Temporary Connection
Project Type	Other, Load Growth
Project Description	Temporarily tap the Pana-Austin 345 kV line to supply Prairie Link customer load for 300 MW.
System Need	Customer load request and ISD timeline.
Current Cost	$2M
Expected ISD	12/1/2027
Target Appendix	A in MTEP26

- 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.

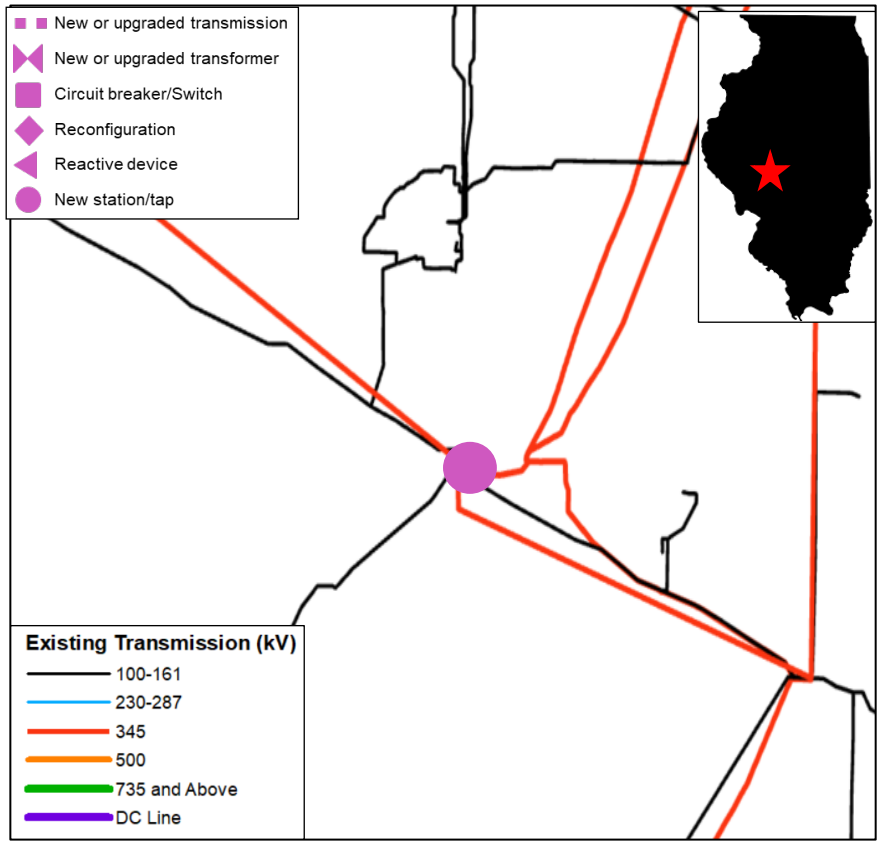
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - One (1) additional CAP(s) were required to mitigate observed issues

- 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

[AMIL] New Prairie Link 345 kV Load Addition



AMIL: New Prairie Link 345 kV Load Addition



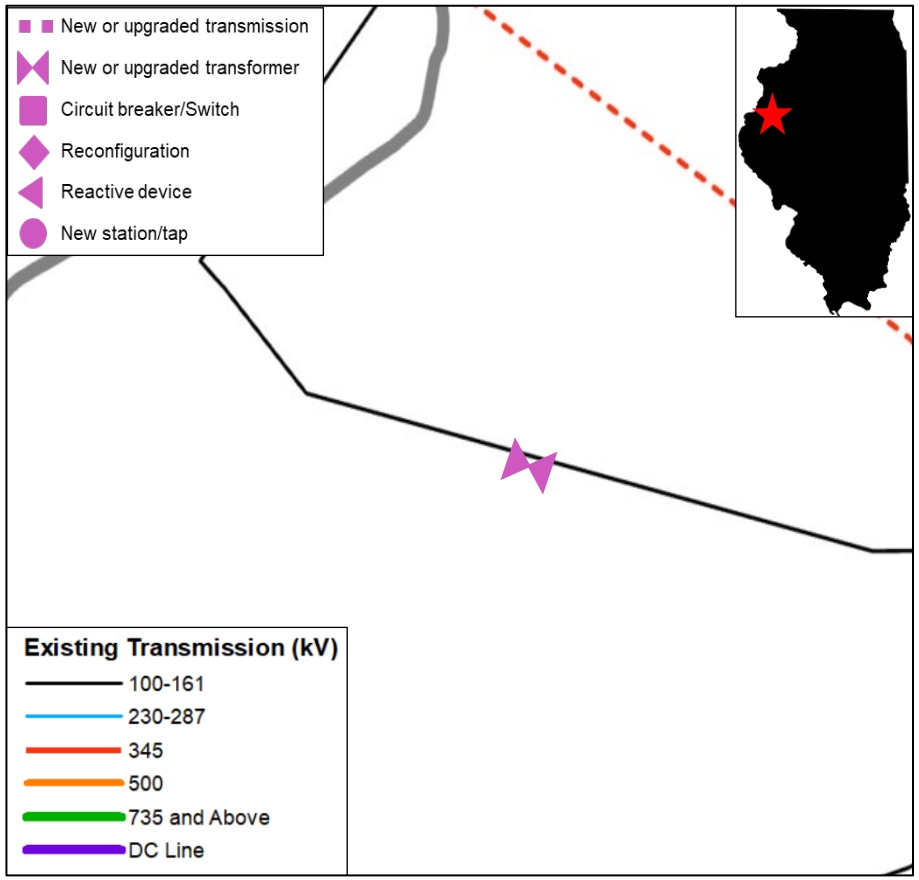
Project #	51304
Project Name	New Prairie Link 345 kV Load Addition
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV substation splitting Pana-Austin and Kincaid-Austin 345 kV lines to serve the full load at 1000 MW. Construct two (2) new 345 kV lines from Turner and Lanesville 345 kV substations. Install 300 Mvar reactive support at the new substation.
System Need	Customer load request and ISD timeline.
Current Cost	$387.5M
Expected ISD	12/1/2030
Target Appendix	A in MTEP26

- 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
  - Five (5) additional CAP(s) were required to mitigate observed issues

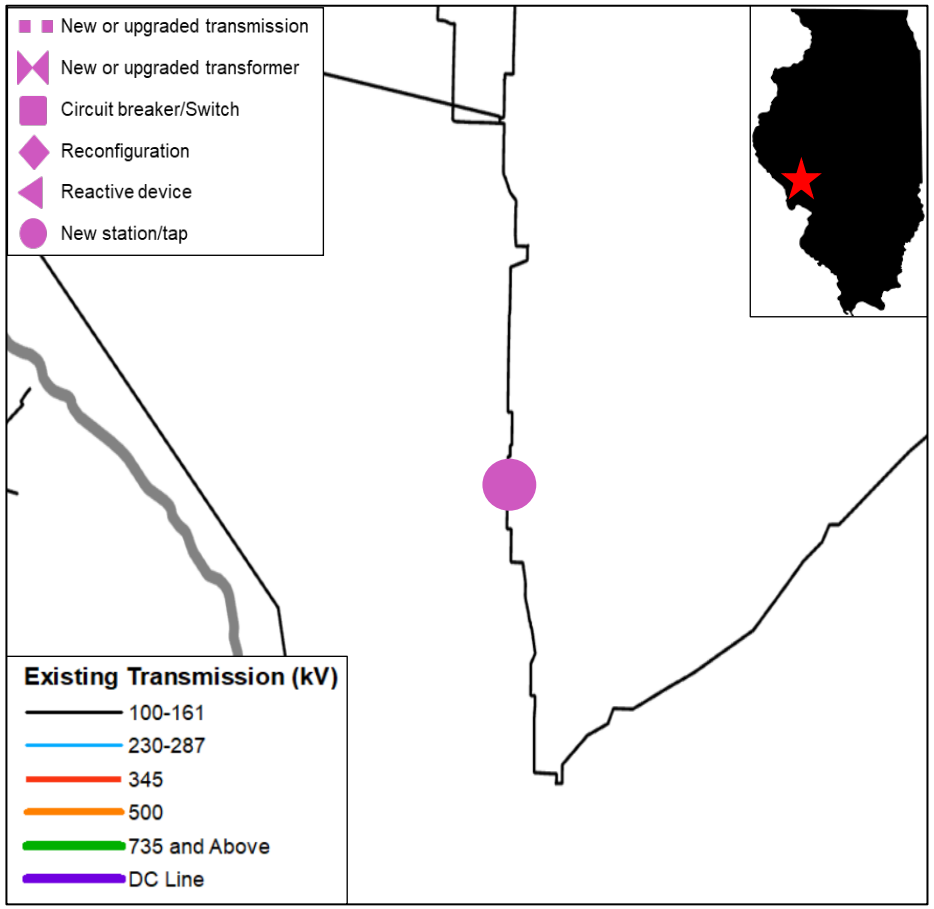
- MISO coordinated with impacted neighboring entities based on the analysis results
  - We appreciate the active coordination of the impacted parties as a part of this process

51303, 51313, 51304 Corrective Action Plan (CAP)
New MTEP26 BRP project



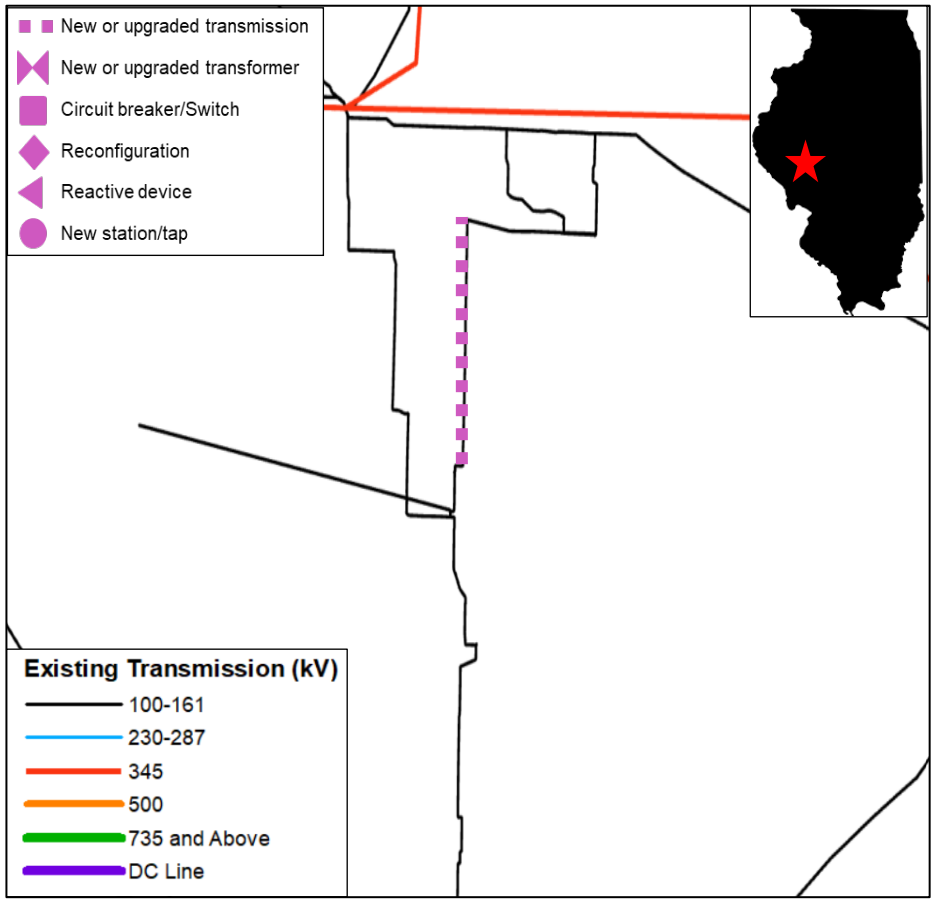
Project #	50798
Project Name	Upgrade Disco 138/69 kV Transformer
Project Type	Other, Local Reliability
Project Description	Upgrade Disco Transformer from 25 MVA to 37.3 MVA
System Need	P6 contingency 69 kV thermal overloading issues
Current Cost	$0.6M
Expected ISD	12/01/2026
Target Appendix	A in MTEP26

51304 Corrective Action Plan (CAP)
New MTEP26 BRP project



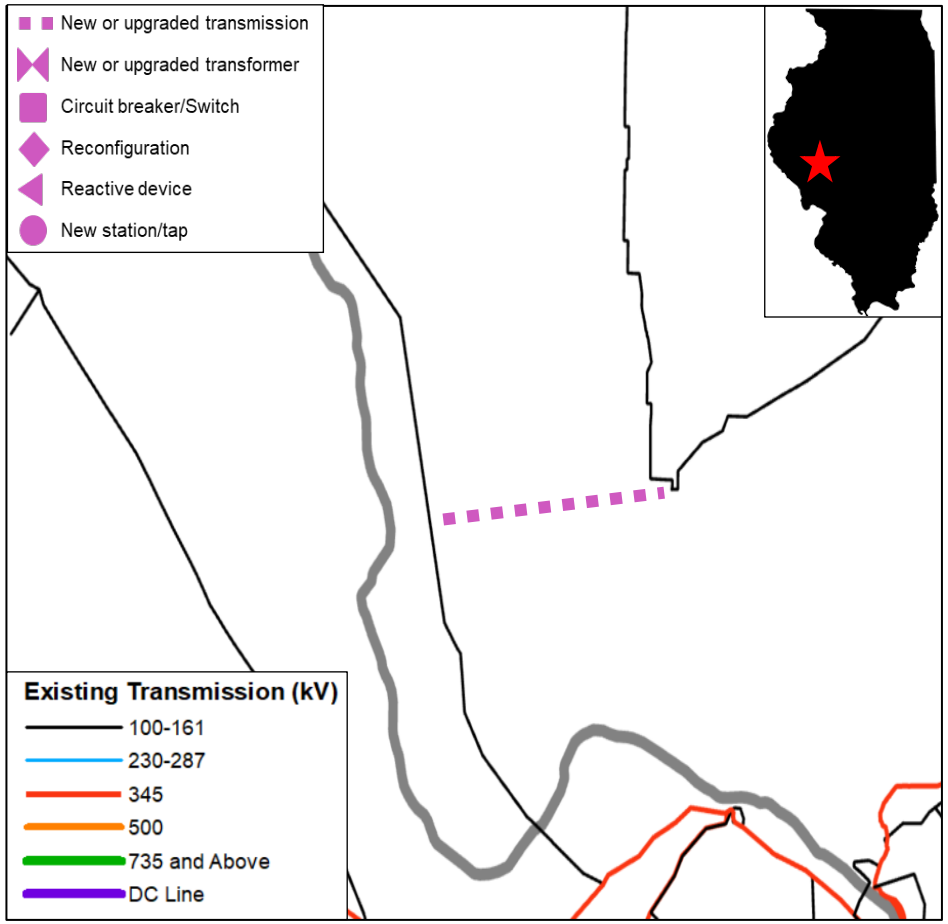
Project #	50805
Project Name	New Hopewell 138/69 kV Substation and Lines
Project Type	Other, Local Reliability
Project Description	1) New Ameren Tie-Hopewell 138 kV Line with 795 ACSR 2) Hopewell 138/69 kV Substation located North of Carrollton, IL 3) New Hopewell 138/69 kV Transformer Rated 84 MVA 4) Rebuild Hopewell-Walkerville 69 kV Line with 336 ACSR
System Need	P6 contingency 69 kV voltage issues with the future additional load
Current Cost	$10.8M
Expected ISD	12/01/2029
Target Appendix	A in MTEP26

51304 Corrective Action Plan (CAP)
New MTEP26 BRP project



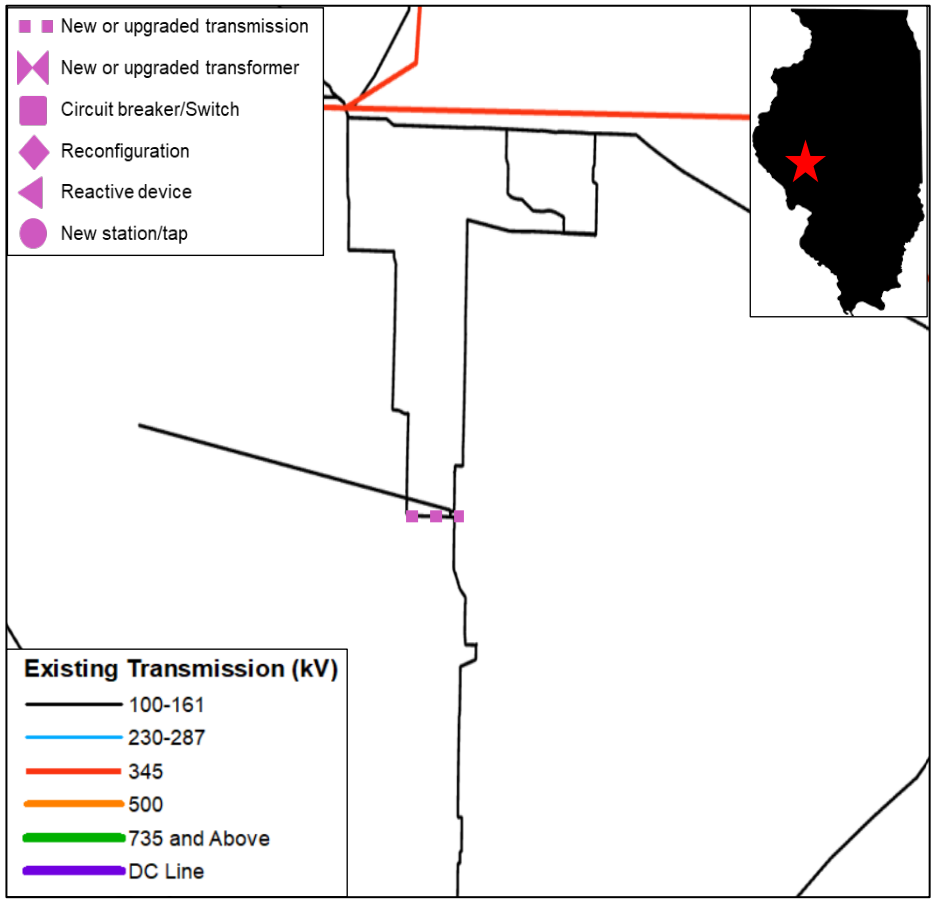
Project #	50809
Project Name	Rebuild Winchester-Wolf Run 69 kV Line
Project Type	Other, Local Reliability
Project Description	Rebuild Winchester-Wolf Run 69 kV Line with 336 ACSR
System Need	P6 contingency 69 kV thermal overloading issues
Current Cost	$10M
Expected ISD	12/01/2030
Target Appendix	A in MTEP26

51304 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51405
Project Name	New [PPI] Riverside - [AMIL] Jerseyville 138 kV line
Project Type	Other, Local Reliability
Project Description	New 24-mile 138 kV line between PPI Riverside and AMIL Jerseyville substations.
System Need	P3P6 contingency 69 kV thermal overloading issues
Current Cost	$25M
Expected ISD	12/01/2030
Target Appendix	A in MTEP26

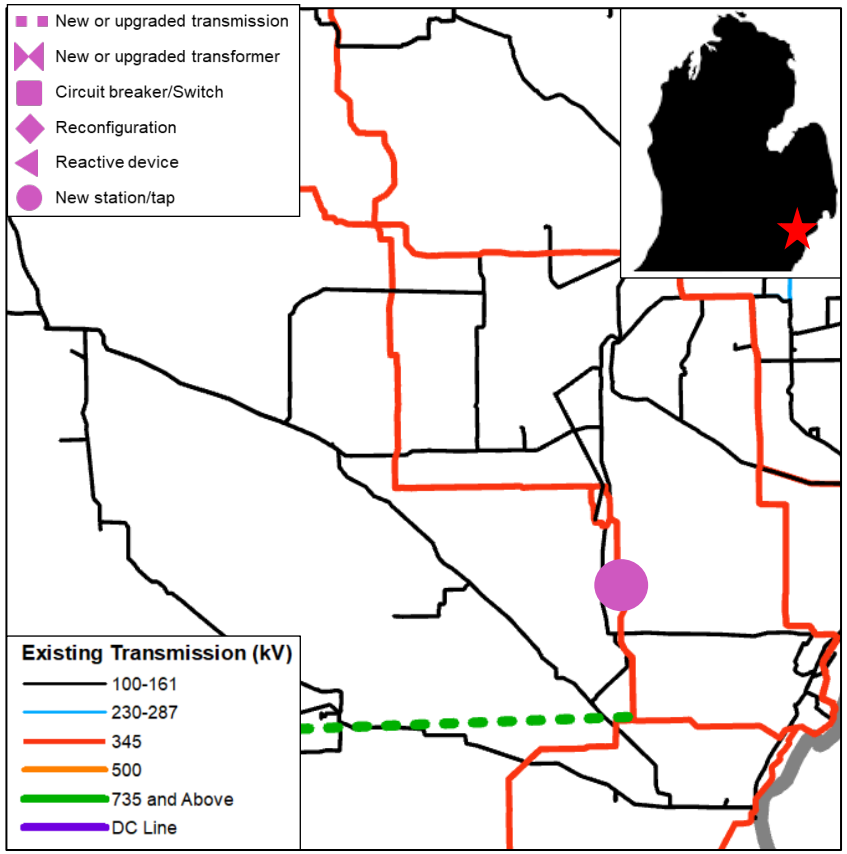
51304 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51406
Project Name	New [PPI] Alsey - [AMIL] Ballard 138 kV second circuit line
Project Type	Other, Local Reliability
Project Description	New second 138 kV circuit between PPI Alsey and AMIL Ballard
System Need	P3P6 contingency 69 kV thermal overloading issues
Current Cost	$2.8M
Expected ISD	12/31/2029
Target Appendix	A in MTEP26

[*ITCT*] Project Cannoli 345 kV Load Addition

ITCT: Project Cannoli

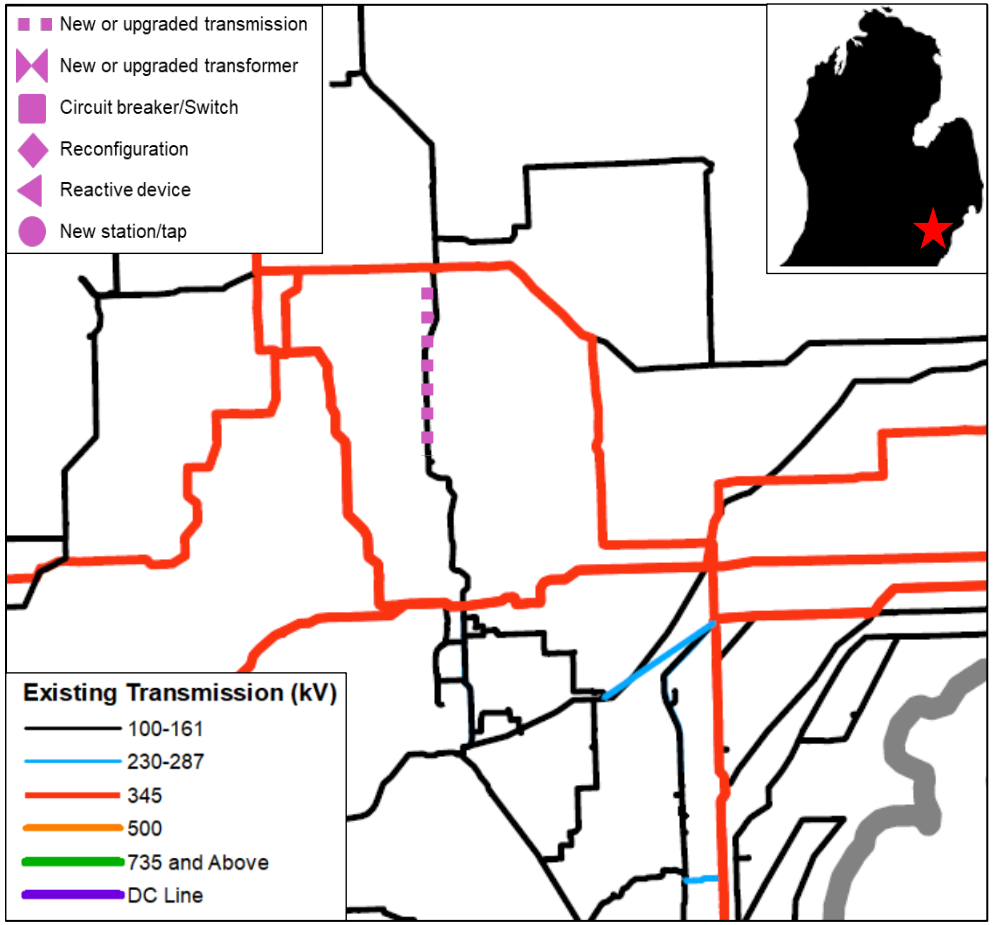


Project #	51220
Project Name	Project Cannoli
Project Type	Other, Load Growth
Project Description	ITCT will build a 345 kV station to accommodate Project Cannoli. Both the Brownstown-Wayne #1 and Brownstown-Wayne #2 345 kV lines will be cut into the station. ITCT will install capacitor banks at the station.
System Need	DTE interconnection request for a new station to serve 1000 MW of load for a new industrial customer.
Current Cost	$308M
Expected ISD	12/05/2028
Target Appendix	A in MTEP26

- 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
  - One (1) additional CAP(s) were required to mitigate observed issues
  - No neighboring entities were impacted based on the analysis results.

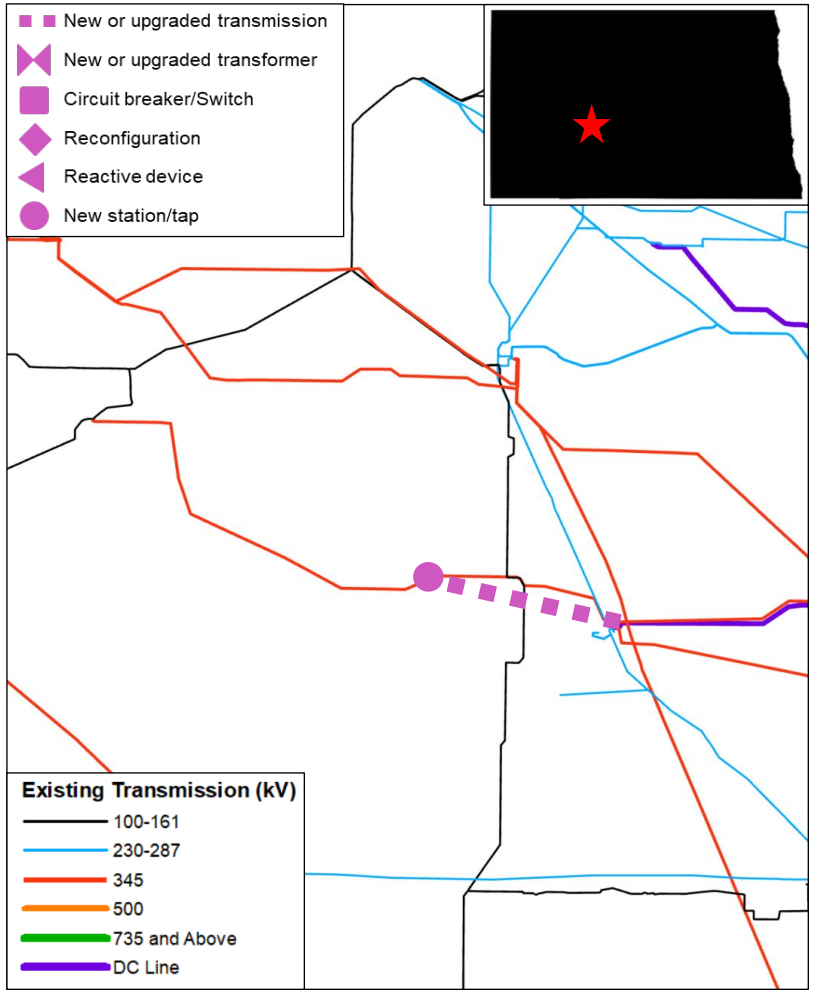
51220 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	18201
Project Name	Upgrade Hunters Creek - Stratford 120 kV Line
Project Type	BRP
Project Description	Upgrade ~ 4 miles of the Hunter's Creek – Stratford 120 kV line to reach a minimum of 275 MVA summer emergency rating. This will also remove the sag limit. This project needs to be completed due to the Project Cannoli load.
System Need	The Hunters Creek – Stratford 120 kV line is projected to become overloaded for P6 contingencies in MISO's MTEP19 study. This project is also needed for the Cannoli load.
Current Cost	$0.5 M
Expected ISD	2/01/2029
Target Appendix	A in MTEP26

[*MDU*] Hannover Data Center Load Addition

MDU: Hannover Data Center Load Addition



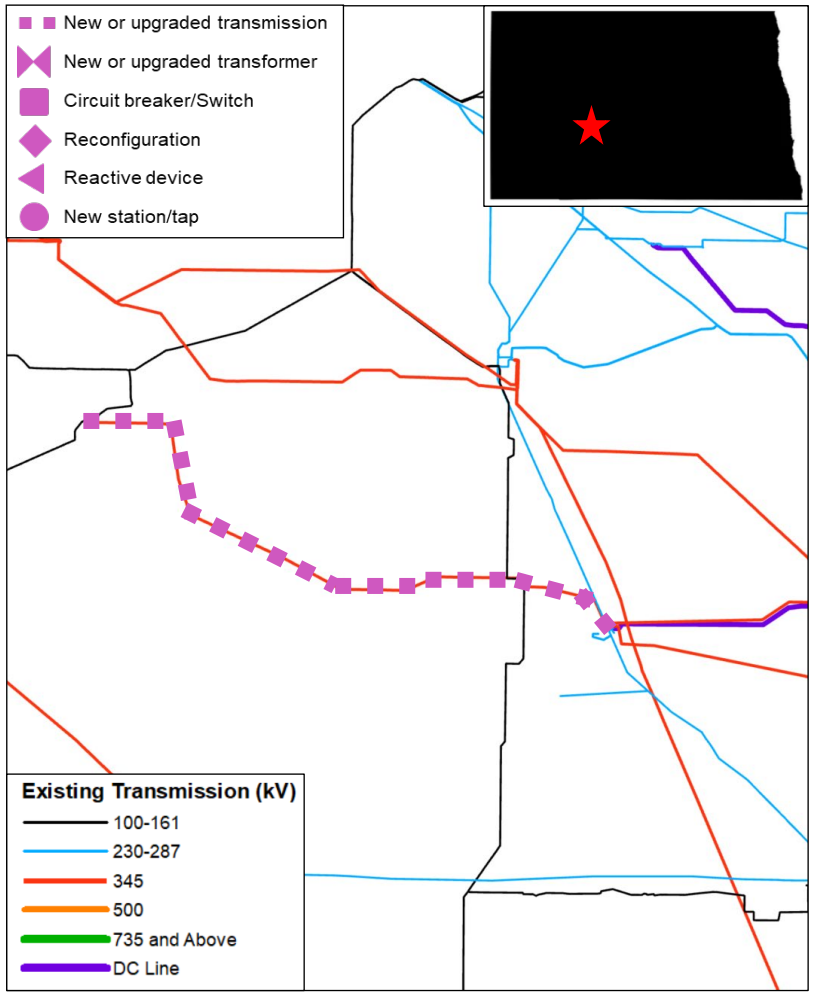
Project #	51293
Project Name	Hannover Data Center Load Addition
Project Type	Other, Load Growth
Project Description	There will be a new substation on the Coyote-Center 345 kV line and a new line from the new Hannover Data Center substation to MPC's Nelson Lake substation when it's complete.
System Need	MDU has a 430 MW customer requesting service near Hannover, ND.
Current Cost	$107.3M
Expected ISD	01/01/2030
Target Appendix	A in MTEP26

- 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
  - One (1) additional CAP was 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

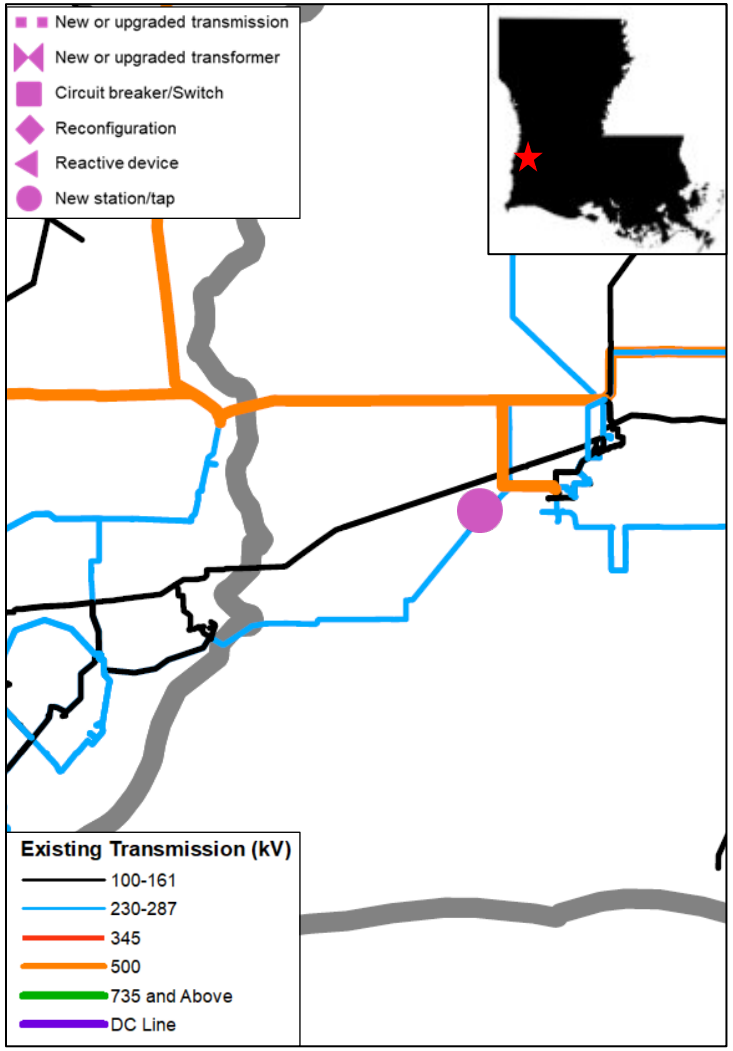
51293 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51404
Project Name	Center upgrades for Hannover data center
Project Type	BRP
Project Description	Retap CTs, replace disconnects, and remove a wave trap at Center 345 kV substation.
System Need	Upgrades on the Coyote-Hannover-Center 345 kV lines were found in the EPR process for MTEP 51293.
Current Cost	$1M
Expected ISD	06/01/2028
Target Appendix	B in MTEP26

[*EES*] Crown 230kV Station – Jeff Davis Co-Op, Inc.

EES: Crown 230kV Station – Jeff Davis Co-Op, Inc



Project #	51301
Project Name	Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.
Project Type	Other, Load Needs
Project Description	Jeff Davis Electric Co-op, Inc. is proposing to construct a 230 kV station named Crown on the existing Sabine to Mud Lake 230 kV line.
System Need	Local load serving and to close in a 230 kV loop from the Chalkley 230 kV station.
Current Cost	N/A – Cost Covered by Customer
Expected ISD	09/30/2026
Target Appendix	A in MTEP26

- 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.

Questions?



Pre-EPR Cycle Expedited Project Review (EPR) Results

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

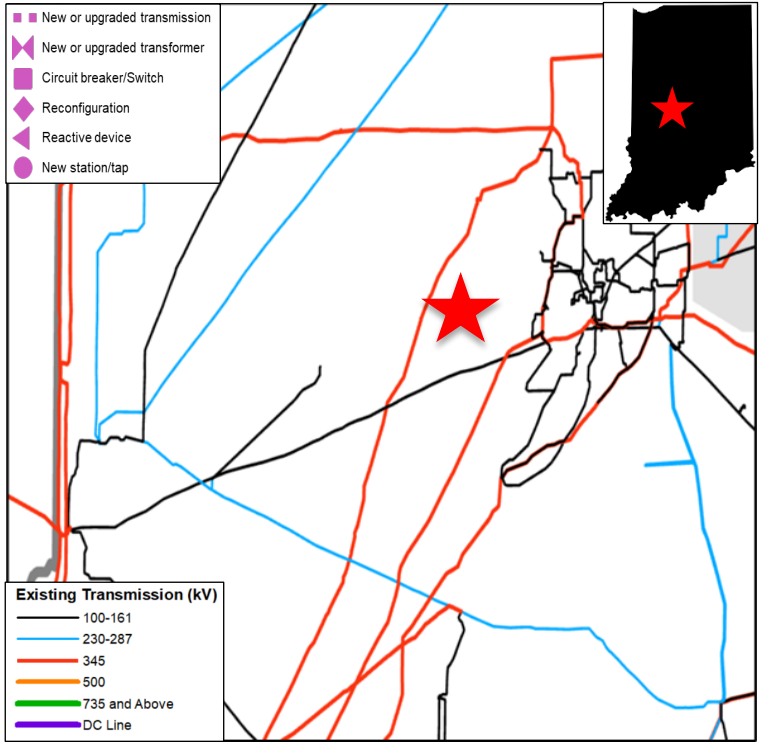
August 5, 2025

Purpose: Review the results of Wabash Valley Power Alliance (WVPA) and Hoosier Energy (HE) Expedited Project Review requests

Key Takeaways:

- Three (3) EPR project, pre-EPR Cycle, have completed analysis
  - WVPA Upgrade LEAP Transmission Network Phase 2
  - HE New Marble Hill 345 kV Station and Load
  - HE New Scotland 345/69 kV Substation
- Any new TPL violations discovered as a result of these EPRs have been resolved
- MISO will report these EPRs as part of MTEP25 cycle

P50628: Upgrade LEAP Transmission Network Phase 2



Project #	50628
Project Name	Upgrade LEAP Transmission Network Phase 2
Project Type	Other - Load Growth
Project Description	Additional load has committed to the LEAP District, an innovation district west of Lebanon, IN in Boone County. The total demand in the district is estimated to be 1200MW. This represents a 600MW increase to a prior approved submission. To meet the additional load requirements, WVPA will connect into the Qualitech-Whitestown 345kV line and construct a new 345kV ring bus and approx. 12 miles of 345kV line to the west side of Lebanon where WVPA will construct a 345/138kV substation. Approx. 15 miles of 345kV line will be built to network this 345/138kV station to a planned 345/138kV station on the north side of the LEAP district. WVPA will also connect into the Nucor-Whitestown 345kV line and construct a new 345kV ring and approx. 6 miles of new 345kV line to the new step down substation.
System Need	Additional Load Growth
Current Cost	$345.0 M
Expected ISD	06/30/2029
Target Appendix	A

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 review prior to analysis.

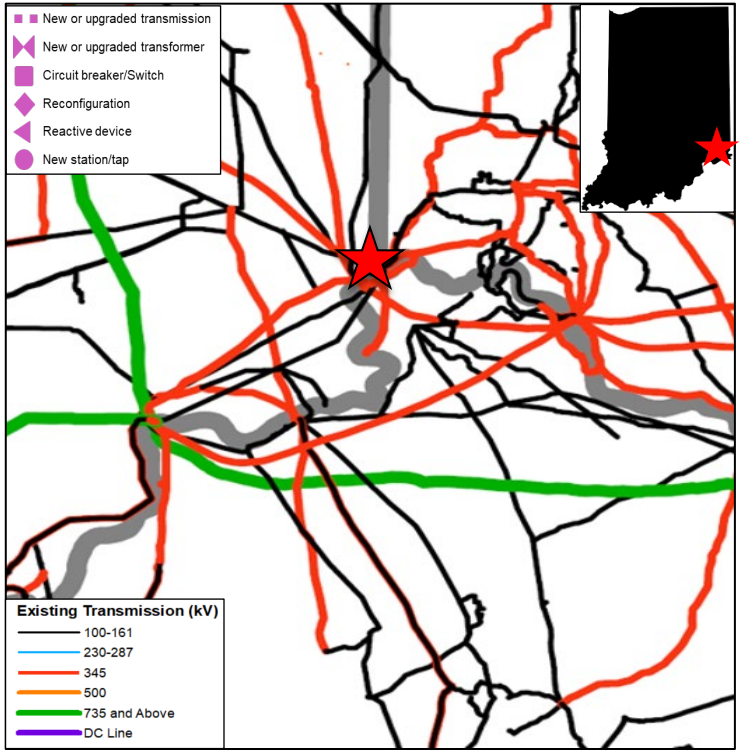
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for member feedback
  - New TPL violations and worsened reliability issues were identified

- MISO coordinated with impacted neighboring entities based on the analysis results
  - LEAP Phase 2 impacted WVPA, IPL, and DEI facilities
  - All steady state (thermal and voltage) violations are resolved with newly developed Corrective Action Plans (CAPs)
  - We appreciates the active coordination of the impacted parties as part of this process

LEAP Phase 2 Correct Action Plans (CAPs)
New MTEP25 BRP projects

Project ID	Project Name	Estimated Cost	ISD
50691	LEAP Phase 2 EPR Mitigations	$45,000,000.00	6/29/2029
50718	Rebuild Cayuga to Nucor 345 kV line	$96,000,000.00	6/1/2029
50719	Rebuild Nucor to Wolf Creek 345 kV line	$49,000,000.00	6/1/2029
50722	New Pond Creek 345 : 138 kV Substation	$40,000,000.00	6/1/2029
50723	Uprate IPL Petersburg to Cato 138 kV Equipment	$4,000,000.00	12/31/2028
50725	Rebuild Kokomo to Cammack to Tipton 230kV	$66,000,000.00	6/1/2029
50727	Replace Thompson 345/138/13.75 MVA Autotransformer	$15,000,000.00	12/31/2029
50728	Add 3rd 345/138kV Bank at Edwards Sub	$15,000,000.00	6/30/2029

P50614: New Marble Hill 345 kV Station and Load



Project #	50614
Project Name	New [HE] Marble Hill 345 kV Station and Load
Project Type	Other, Load Growth
Project Description	Construct a new 345kV ring-bus station on the [DEI] Trimble – [LGEE] Ghent 345 kV transmission line, approximately 4 line-miles from LGEE's Trimble County Generator Station. New customer will construct substation adjacent to ring-bus station. The station will serve a new data center with a total estimated load of 310 MW at 95% PF (344 MVA, 150 MVAR).
System Need	A new data center customer has plans to construct a 310 MW facility within Hoosier Energy's service territory, adjacent to the 345kV Trimble-Ghent transmission line. The customer is planning an in-service date of Q4 2027. The full 310 MW load is planned for service by Q1 2029.
Current Cost	$20.5 M
Expected ISD	10/1/2027
Target Appendix	A

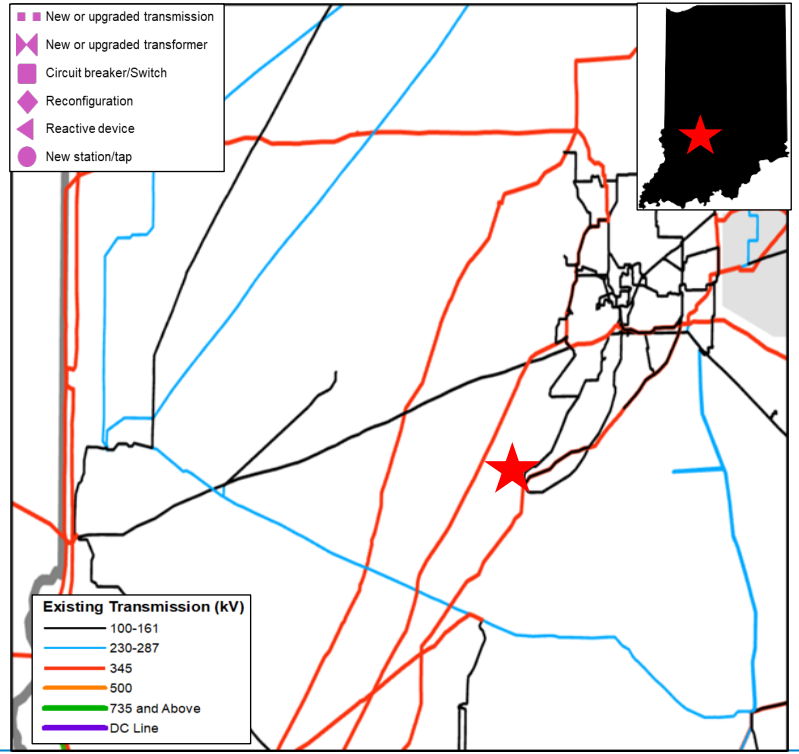
Models, Reliability Analysis, and Neighbor Coordination

- The EPR was applied to all applicable MTEP models based on the in-service date. Models were posted for 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 member feedback
  - New TPL violations and worsened reliability issues were identified

- MISO coordinated with impacted neighboring entities based on the analysis results
  - Marble Hill impacted HE, DEI and LG&E/KU
  - New TPL violations and worsened reliability issues identified on the MISO system have been resolved
  - LG&E/KU and HE have entered into a feasibility study agreement to mitigate impacts observed in MISO models
  - We appreciates the active coordination of the impacted parties as part of this process

P50698: Scotland 345/69 kV Substation



Project #	50698
Project Name	New [HE] Scotland 345/69 kV Substation
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV ring-bus with 345/69 kV transformation on the [IPL] Petersburg – [IPL] Wes Bloomington 345 kV transmission line, approximately 35 line-miles from IPL's Petersburg station and 19 line-miles from DEI's planned 16W_Bloomington station. Extend a 69 kV line from the new station to serve a new 20 MW customer. Bring the Hoosier Scotland-Bloomfield 69 kV transmission line into the new 69 kV station. Open 69 kV branch [HE] Bloomfield Tap – [HE] Lyons Tap.
System Need	By late 2029, Hoosier Energy is projecting 20 MW of load growth in the Scotland, IN area. The existing 69 kV transmission infrastructure cannot serve the additional load due to thermal and voltage constraints.
Current Cost	$38.0 M
Expected ISD	12/1/2029
Target Appendix	A

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 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 member feedback
- No New TPL violations or worsened reliability issues were identified as a result of this analysis in the area where the Substation and load addition will be constructed
  - We appreciates the active participation of Central region TOs as part of this process

Contact Information

Manager Name

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Questions?

Appendix

Project information links

Upgrade [WVPA] LEAP Transmission Network Phase 2

https://misoenergy.sharefile.com/home/shared/fo34de01-2153-40d9-8f5b-5b0f30c861c2

New [HE] Marble Hill 345 kV Station and Load

https://misoenergy.sharefile.com/home/shared/foa87710-4b1e-4b36-aa0f-2806ac14d427

New [HE] Scotland 345/69 kV Substation

https://misoenergy.sharefile.com/home/shared/fo4ef50c-01d2-4a7e-9c35-1a9a27658b70

MTEP Powerflow Models in MISO25 Set

Model Year	Base case	Sensitivity
Year 2	2027 Summer Peak, Wind and Solar – Capacity Credit *TPL requirement R2.1.1*	2027 Light Load (minimum load level), Wind and Solar - 0% *TPL requirement R2.1.4*
Year 5	2030 Summer Peak, Wind and Solar – Capacity Credit *TPL requirement R2.1.1*	2030 Summer Shoulder (70-80% peak), Wind 72% - Solar 47% *TPL requirement R2.1.4*
	2030 Summer Shoulder (70-80% peak), Wind 27% - Solar 48% *TPL requirement R2.1.2*	2030 Light Load (minimum load level), Wind 83% - Solar 10% *TPL requirement R2.1.4*
	2030/31 Winter Peak, Wind 67% - Solar 0%	
Year 10	2035 Summer Peak, Wind and Solar – Capacity Credit *TPL requirement R2.2.1*	



New Huster – McClay 138 kV line tap for Hayford load addition

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

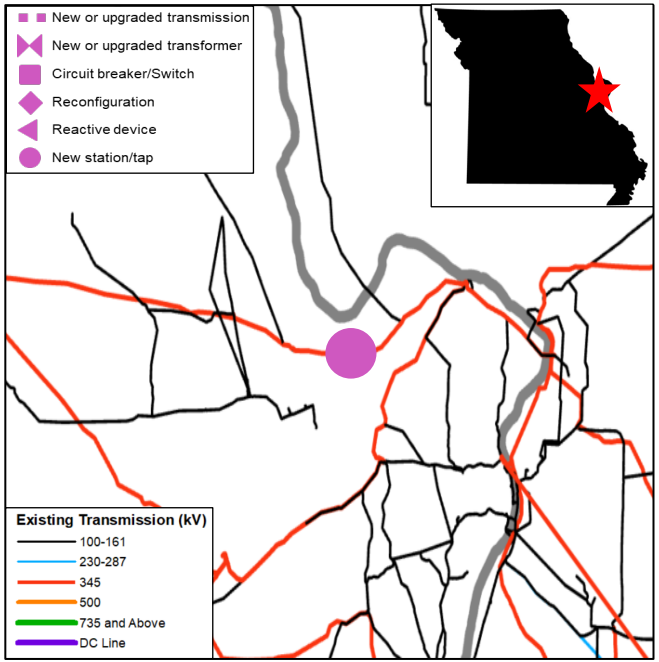
August 05, 2025

Purpose: Review the results of AmerenMO's EPR for Huster – McClay line tap (P50696)

Key Takeaways:

- New 70 MW Datacenter load at Hayford 138 kV substation near Gardnerville, Mo.
- No reliability issues were identified nor any new TPL violations discovered from the implementation of the EPR.
- MISO will report this EPR as a part of MTEP25 cycle.

AMIL: New Huster - McClay 138 kV line tap



Project #	50696
Project Name	New Huster-McClay 138 kV line tap for Hayford load addition
Project Type	Other, Load Growth
Project Description	New 70 MW load will connect to temporary line tap on Huster-McClay 138 kV line.
System Need	Ameren Illinois expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP25 timeline.
Current Cost	$0.5 M
Expected ISD	06/01/2027
Target Appendix	A in MTEP25

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 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 member feedback
  - Zero (0) new TPL violations or worsened reliability issues were identified
- MISO coordinated with impacted neighboring entities based on the analysis results

Contact Information

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Central Regional Coordinator

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Questions

MTEP25 reliability analysis scope is consistent with previous cycle to ensure compliance with NERC standards

Steady State Analysis	Transient Stability Analysis	Voltage Stability Analysis	Transfer Capability Assessment	Nuclear Plant Assessment	Generator Deliverability Analysis
Contingency analysis for both planning and extreme events	Disturbance analysis for both planning and extreme events	Identify voltage stability limits under a set of transfer scenarios	Evaluate transfer capability of the system under various transfer scenarios	Monitor and identify potential NPIR violations	Determine deliverability of existing network resources
Near and Long term horizons (year 2, 5, 10)	Near and Long term horizons (year 5, 10*)	Near term horizon (year 5)	Near term horizon (year 5)	Near and Long term horizons (year 2, 5,10)	Near and Long term horizons (year 5, 10)
TPL-001-5.1 FAC-014 PRC-023	TPL-001-4 FAC-014 PRC-023	FAC-014 PRC-023	FAC-013 FAC-014 PRC-023	NUC-001 PRC-023	

NERC TPL-001-5.1 establishes contingencies and acceptable mitigation requirements

TPL Category	Description	Acceptable Mitigation		
		BES Level	Physical Upgrade Required?	Load Shed or Redispatch Allowed?
P0	System intact	EHV, HV	Yes	No
P1	Single contingency (Fault of a shunt device- fixed, switched or SVC/STATCOM is new)	EHV, HV	Yes	No
P2	Single event which may result in multiple element outage. Open line w/o fault, bus section fault, internal breaker fault	EHV HV	Yes No	No Yes
P3	Loss of generator unit followed by system adjustments + P1. No load shed is allowed	EHV, HV	Yes	Yes
P4	Fault + stuck breaker events	EHV HV	Yes No	No Yes
P5	Fault + relay failure to operate (new)	EHV HV	Yes No	No Yes
P6	Two overlapping singles (not generator)	EHV, HV	No	Yes
P7	Common tower outages; loss of bipolar DC	EHV, HV	No	Yes

EPR Statistics Update

Expedited Project Review Technical Studies Task Force

(EPR-TSTF)

August 5, 2025

Purpose: Provide members updated EPR statistics

Key Takeaways:

- All pre-EPR Cycle process submitted EPRs have been approved
- One (1) of the June 2025 Cycle submitted EPRs moved forward. Four (4) remain under study
- MISO has received twelve (12) EPRs for the August 2025 Cycle

MISO has completed analysis on all EPRs submitted prior to the start of the EPR Cycle process in June 2025

Project ID	Project Description	EPR Process	TSTF	Approval
50671	RiverPlex 500-230 kV Station	Pre-EPR Cycle	5/30/2025	7/10/2025
50675	Cove Ridge 138 kV Station	Pre-EPR Cycle	5/30/2025	7/10/2025
50628	Upgrade LEAP Transmission Network Phase 2	Pre-EPR Cycle	8/5/2025	8/12/2025*
50614	New Marble Hill 345 kV Station and Load	Pre-EPR Cycle	8/5/2025	8/12/2025*
50698	New Scotland 345/69 kV Substation	Pre-EPR Cycle	8/5/2025	8/12/2025*

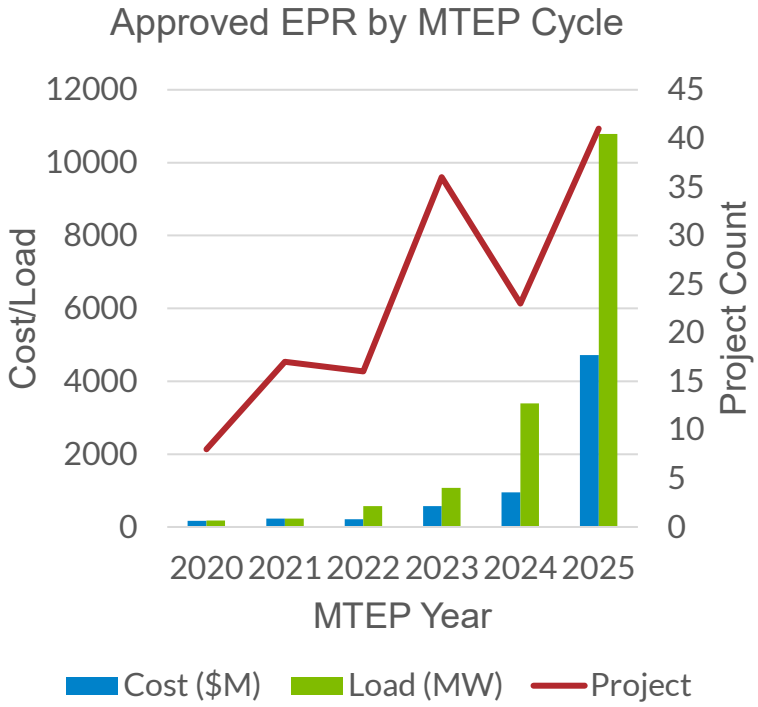
MISO continues to actively coordinate with the submitters and impacted entities on the June 2025 Cycle project under study.

EPR Cycle	Project Description	MISO Region	Transmission Owner	Current Status
June 2025	New Antioch 345 kV Station and Load	Central	IPL	Under Study
June 2025	New Whispering Pines 345 kV Station and Load	Central	IPL	Under Study
June 2025	Hayford 345 kV Load Addition	Central	AMMO	Under Study
June 2025	New Hayford 345 kV Substation	Central	AMMO	Under Study
June 2025	Huster-McClay 138 kV line tap	Central	AMMO	EPR-TSTF 8/5/2025

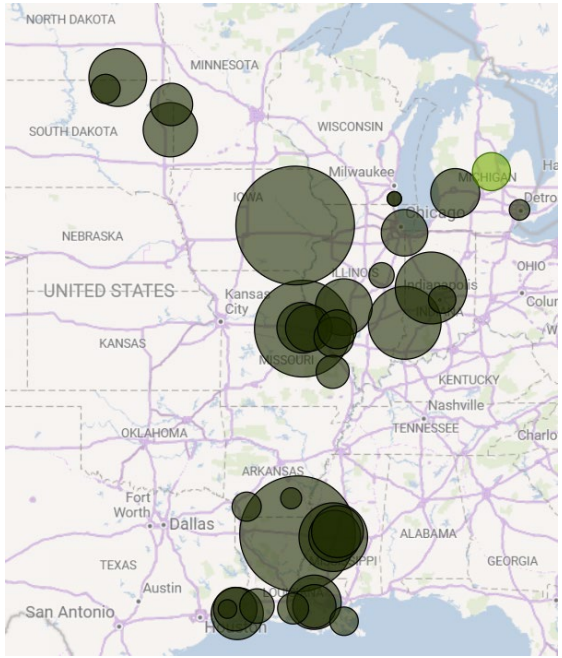
MISO has received several EPR submissions for the August 2025 cycle. Final project information will be communicated to members within two weeks of the cycle start.

EPR Cycle	MISO Region	Project Total	Submitted Load Addition (MW)
August 2025	Central	6	3350
August 2025	East	1	0
August 2025	South	4	1692
August 2025	West	1	200

Large Load Interconnection projects have increasingly utilized the Expedited Project Review (EPR) requests process over the last two years throughout the entire MISO footprint.



Spot Load Project MTEP24 and MTEP25



Data collected as of 8/1/2025



Questions?



Expedited Project Review Results and Recommendation

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

August 4, 2026

Purpose & Key Takeaway



Purpose

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

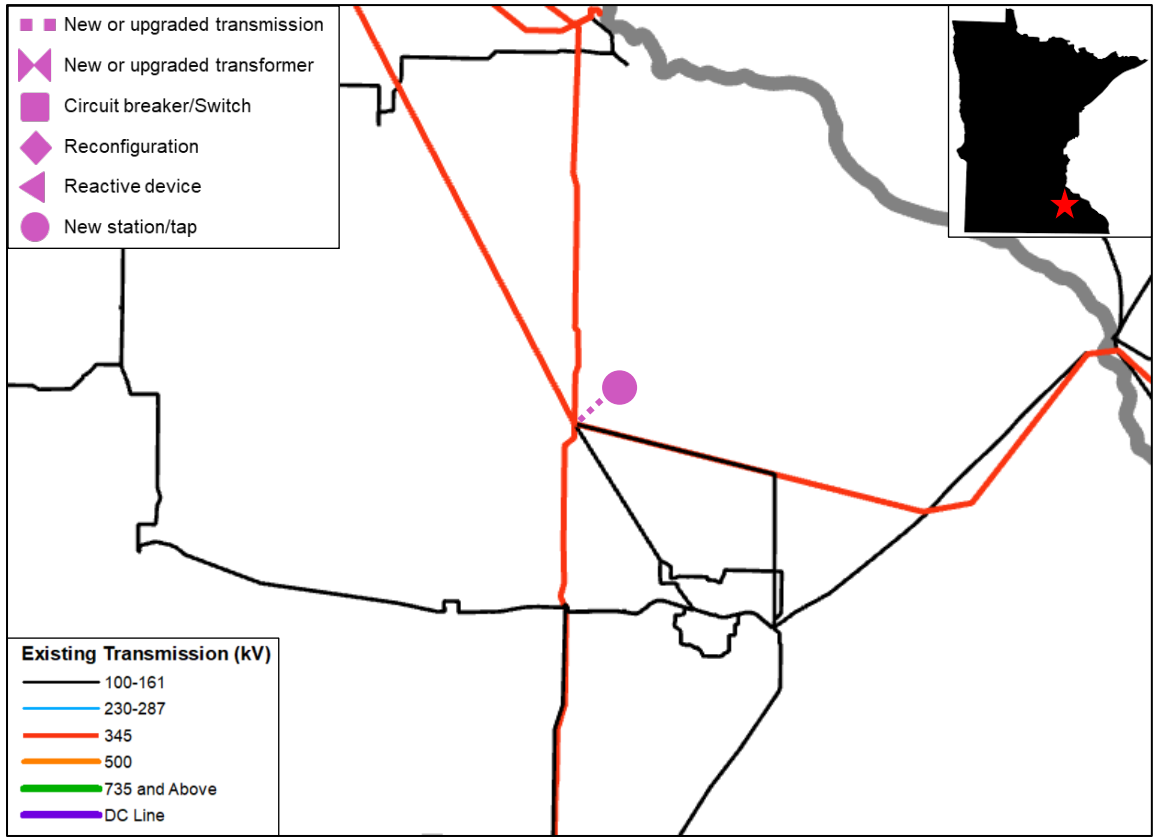
Key Takeaways

- West region representing 1 project for review
- South region representing 1 project for review

[XEL] Project Skyway Large Load



XEL: Project Skyway Large Load



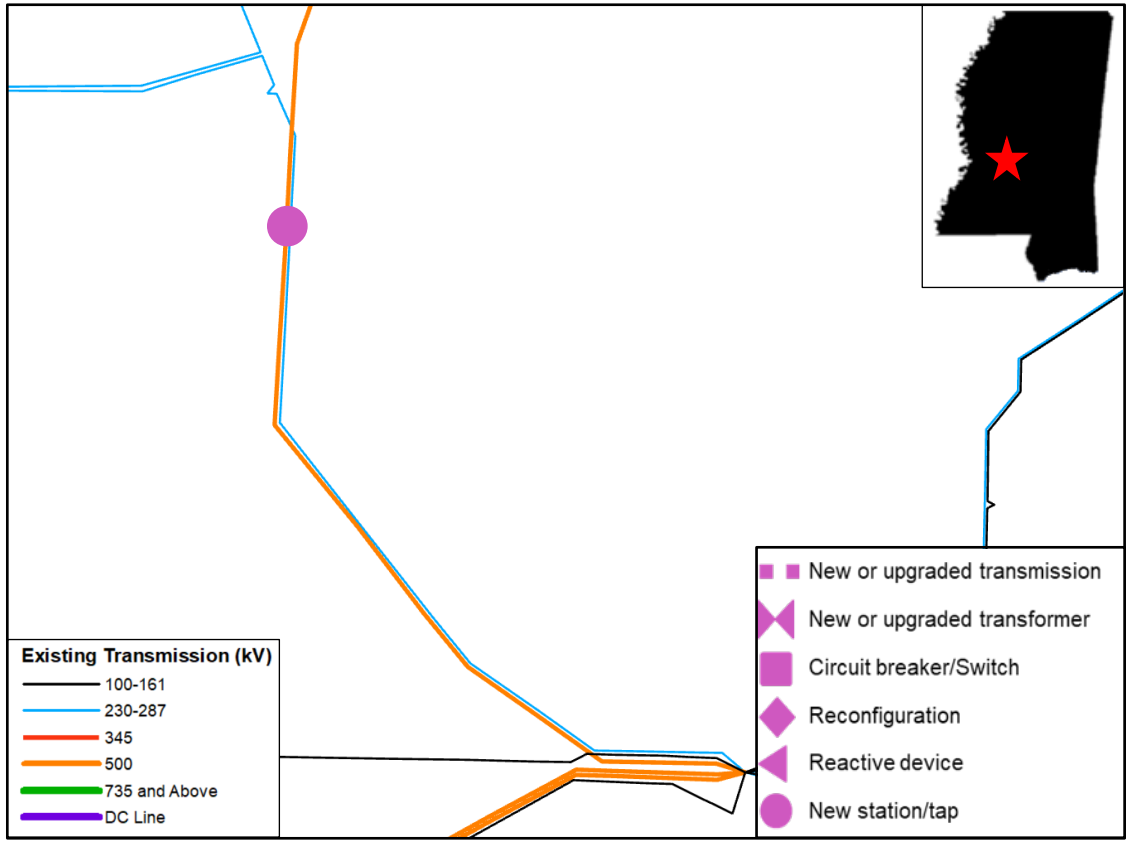
Project #	51366
Project Name	Project Skyway Large Load
Project Type	Other, Load Growth
Project Description	This project will build two radial transmission circuits to a large spot load from the North Rochester 345kV substation.
System Need	The project was initiated by a request from a customer.
Spot Load Value (MW)	780
Current Cost	$79.3M
Expected ISD	6/1/2028
Target Appendix	A in MTEP26

- 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] Macaw 230 kV New Substation

EES: Macaw 230 kV New Substation



Project #	51299
Project Name	Macaw 230 kV New Substation
Project Type	Other, Load Growth
Project Description	Proposal to construct a new 230 kV breaker and half switching station on the Ray Braswell – Clinton Industrial 230 kV line to serve a new customer near Clinton, MS. Two 40.7 MVAR capacitor banks will be installed in the switching station.
System Need	---
Spot Load Value (MW)	200
Current Cost	$91.9M
Expected ISD	12/31/2026
Target Appendix	A in MTEP26

- 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

Questions?





EPR Statistics Update

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

Updated April 2026 project list

August 4, 2026

Executive Summary



- Nine of the ten February 2026 Cycle EPRs have been approved.
- Five of the nineteen April 2026 EPRs have been approved. One of the requests has completed mitigations discussions.
- MISO received nine EPR requests for the June 2026 Cycle. One of the requests has completed mitigation discussions.

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51177	New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)	Central	AMIL	300	Approved
February 2026	51178	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)	Central	AMIL	200	Approved
February 2026	51179	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)	Central	AMIL	500	Approved
February 2026	51175	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)	Central	AMMO		Approved
February 2026	51207	New Gallagher 230 kV Load Addition	Central	CIN	150	Approved
February 2026	51213	Viking Large Load Addition	West	CFU	100	Under Study

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51205	Garant Bayou 161kV: New Switching Station	South	EATO		Approved
February 2026	51220	Project Cannoli	East	ITC	1000	Approved
February 2026	51216	Van Meter 161 kV Substation and Associated 161 kV Upgrades	West	MEC	300	Approved
February 2026	51219	Wishek NW Data Center Load Addition	West	MDU	50	Approved

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51228	New Reynolds 138 kV Delivery Point	Central	IPL	250	Under Study
April 2026	51238	Galet 230kV: Expand Substation	South	EAL	250	Under Study
April 2026	51259	Big Cedar 370 MW Load Addition	West	ITCM	370	Under Study
April 2026	51262	West Fork Creek 500-230 kV Station	South	ELL		Under Study
April 2026	51263	West Fork Creek to St Landry 500 kV Project	South	ELL		Under Study
April 2026	51264	El Dorado to Smalling 500 kV Project	South	ELL/EAL		Under Study
April 2026	51293	Hannover Data Center Load Addition	West	MDU	430	Approved
April 2026	51298	Marquette 230 kV New Substation	South	EMI	116	Under Study
April 2026	51299	Macaw 230 kV New Substation	South	EMI	200	EPR-TSTF Aug 4

*Confidential load values are not included in this value

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51300	New 69 kV Capacitor Bank Addition at Blue Earth NE 69 kV Sub and other Blue Earth load driven facility upgrades	West	CMMPA	100	Under Study
April 2026	51301	Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.	South	ELL		Approved
April 2026	51303	New RECC Load Addition at Mogul 345 kV Substation (Phase 3)	Central	AMIL	365	Approved
April 2026	51304	Prairie Link 345 kV Load Addition	Central	AMIL	700	Approved
April 2026	51307	Project Hackman Phase 1	Central	HE	300	Under Study
April 2026	51308	Project Hackman Phase 2	Central	HE	600	Under Study
April 2026	51309	New Tallgrass 13/12 kV substation	Central	HE		Under Study

*Confidential load values are not included in this value

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51311	DEMCO Juban Trails 500-230 kV Station	South	ELL	676	Under Study
April 2026	51313	Prairie Link 345 kV Temporary Connection	Central	AMIL	300	Approved

Sheridan Load removed. Listed in June 2026 EPR list

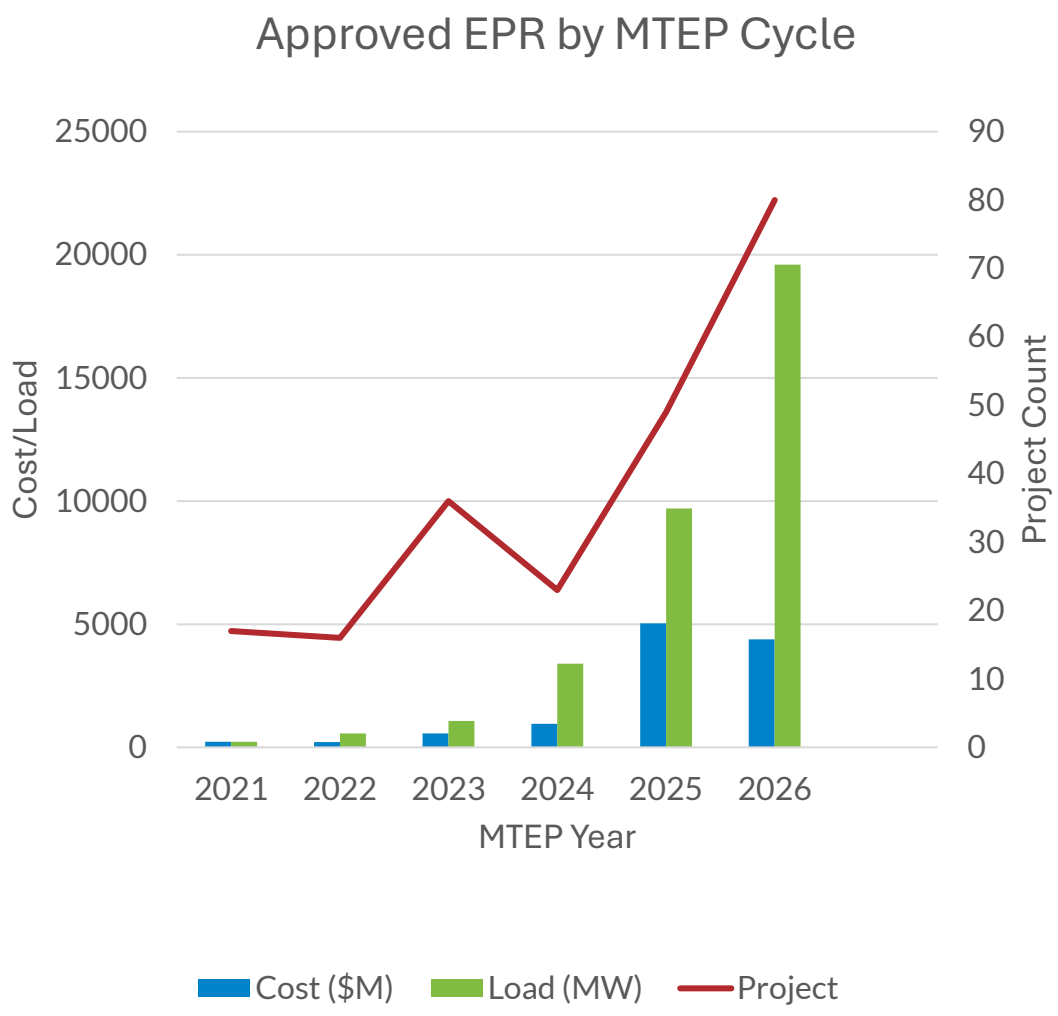
*Confidential load values are not included in this value

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	State/Transmission Pricing Zone	Load Value (MW)	Expected In-Service Date	Current Status
June 2026	51312	Sheridan North Load Addition	South	AECC	AR/Zone 8	800	3/31/2028	Under Study
June 2026	51320	Temporary Tap for Truett 500 MW	Central	AMIL	IL/Zone 4	500	6/1/2029	Under Study
June 2026	51323	New Project Point 345 kV Temporary Tap	Central	AMMO	MO/Zone 5	600	6/1/2028	Under Study
June 2026	51329	Brazos Plantersville 230 kV Station	South	EES	TX/Zone 10	13.37	12/1/2027	Under Study
June 2026	51352	Midbend 230 kV Station	South	EES	LA/Zone 9	29	11/1/2026	Under Study
June 2026	51363	Peninsula DC	South	CLEC	MS/Zone 9	430	3/1/2027	Under Study
June 2026	51364	Project Atom Load Interconnection	West	ITCM	IA/Zone 3	300	6/1/2028	Under Study
June 2026	51366	Project Skyway Large Load	West	XEL	MN/Zone 1	780	6/1/2028	EPR-TSTF Aug 4
June 2026	51368	New Project Point Stag Capacitor Bank	Central	AMMO	MO/Zone 5		12/1/2029	Under Study

*Confidential load values are not included in this value

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Approved MTEP26 Spot Load projects



Approved EPR Chart updated 7/1/2026

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Questions?



Appendix



EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Approved
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Approved
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Approved
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Approved
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Approved
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Approved
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Approved
October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Approved
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Approved
October 2025	51079	Project Raider Load	Central	SIGE	600	Approved
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

Unlabeled

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Approved
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Approved
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Approved
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Approved
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Approved
December 2025	51134	Project Benton	East	ITCT	1383	Approved
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Approved
December 2025	51146	CCS 115 kV Station	South	EML	14	Approved

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New Leemon 69 KV Substation for Load Addition

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

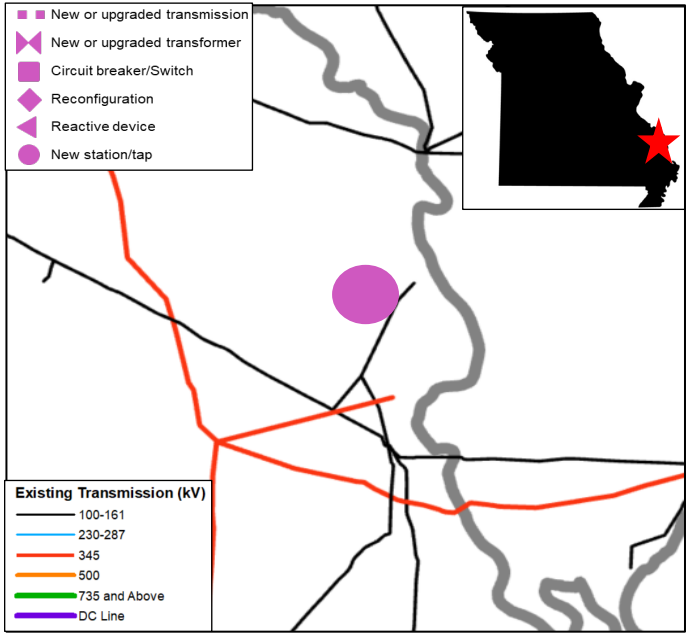
September 09, 2025

Purpose: Review the results of CECT's EPR for Leemon 69 kV substation for load addition (P50732)

Key Takeaways:

- New 4.6 MW Distribution load at Leemon 69 kV substation near Fruitland, Missouri.
- No reliability issues were identified nor any new TPL violations discovered from the implementation of the EPR.
- MISO recommends approving the project and will report this EPR as a part of MTEP26 cycle.

AMMO: New Leemon 69 kV substation



Project #	50732
Project Name	New Leemon 69 KV substation for load addition
Project Type	Other, Load Growth
Project Description	New 10/14 MVA 69-12.47kV distribution substation to address load growth in the Fruitland, MO area. This new substation will tap into the Neely-Fruitland 69 kV line. Minor rerouting of the existing transmission line will be required.
System Need	To support serving the load in this area, expected ISD requires 15 months for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$2.75 M
Expected ISD	12/31/2026
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- Results were posted for member feedback
- Zero (0) new TPL violations or worsened reliability issues were identified

Contact Information

Planner Name

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Central Regional Coordinator

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Questions

MTEP26 reliability analysis scope is consistent with previous cycle to ensure compliance with NERC standards

Steady State Analysis	Transient Stability Analysis	Voltage Stability Analysis	Transfer Capability Assessment	Nuclear Plant Assessment	Generator Deliverability Analysis
Contingency analysis for both planning and extreme events	Disturbance analysis for both planning and extreme events	Identify voltage stability limits under a set of transfer scenarios	Evaluate transfer capability of the system under various transfer scenarios	Monitor and identify potential NPIR violations	Determine deliverability of existing network resources
Near and Long term horizons (year 2, 5, 10)	Near and Long term horizons (year 5, 10*)	Near term horizon (year 5)	Near term horizon (year 5)	Near and Long term horizons (year 2, 5,10)	Near and Long term horizons (year 5, 10)
TPL-001-5.1 FAC-014 PRC-023	TPL-001-4 FAC-014 PRC-023	FAC-014 PRC-023	FAC-013 FAC-014 PRC-023	NUC-001 PRC-023	

NERC TPL-001-5.1 establishes contingencies and acceptable mitigation requirements

TPL Category	Description	Acceptable Mitigation		
		BES Level	Physical Upgrade Required?	Load Shed or Redispatch Allowed?
P0	System intact	EHV, HV	Yes	No
P1	Single contingency (Fault of a shunt device- fixed, switched or SVC/STATCOM is new)	EHV, HV	Yes	No
P2	Single event which may result in multiple element outage. Open line w/o fault, bus section fault, internal breaker fault	EHV HV	Yes No	No Yes
P3	Loss of generator unit followed by system adjustments + P1. No load shed is allowed	EHV, HV	Yes	Yes
P4	Fault + stuck breaker events	EHV HV	Yes No	No Yes
P5	Fault + relay failure to operate (new)	EHV HV	Yes No	No Yes
P6	Two overlapping singles (not generator)	EHV, HV	No	Yes
P7	Common tower outages; loss of bipolar DC	EHV, HV	No	Yes

EPR Statistics Update

Expedited Project Review Technical Studies Task Force

(EPR-TSTF)

September 9, 2025

Purpose: Provide members updated EPR statistics

Key Takeaways:

- Four (4) June 2025 projects are still under study
- MISO received fifteen (15) projects for August 2025 cycle
- One (1) of the August 2025 Cycle submitted EPRs is recommended to move forward

MISO continues to actively coordinate with the submitters and impacted entities on the June 2025 Cycle project under study.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Under Study
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Under Study
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Under Study
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Under Study
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO		Approved

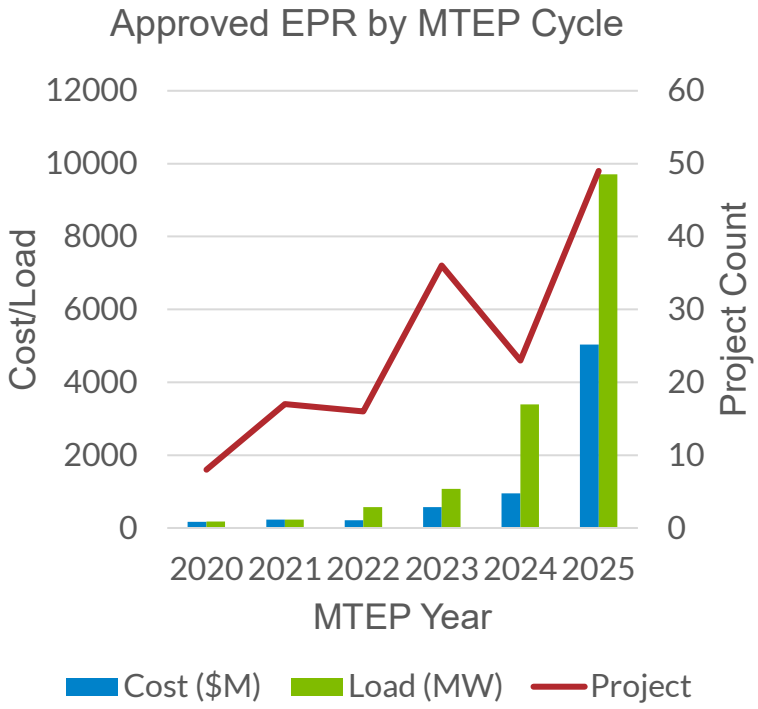
MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Under Study
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Under Study
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Under Study
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Under Study
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Under Study
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Under Study
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Under Study
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Under Study

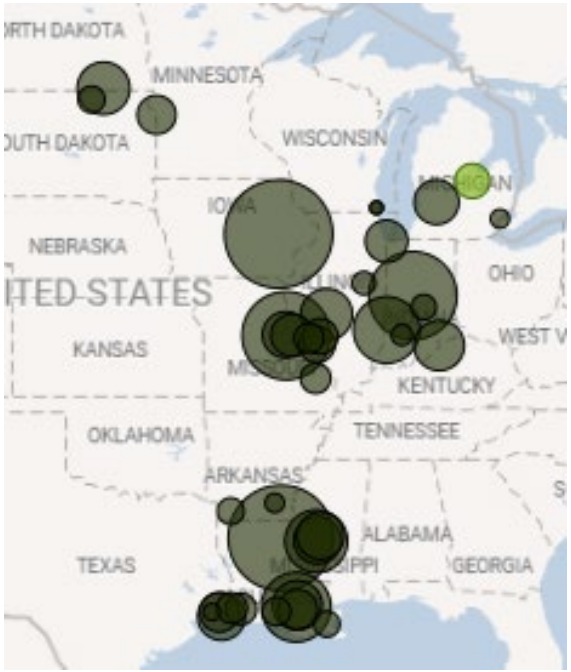
MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Under Study
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Under Study
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Under Study
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Under Study
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC		Under Study
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	EPR-TSTF Sept 9
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Under Study

Large Load Interconnection projects have increasingly utilized the Expedited Project Review (EPR) requests process over the last two years throughout the entire MISO footprint.



Spot Load Project MTEP24 and MTEP25



Data collected as of 8/1/2025





Questions?



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

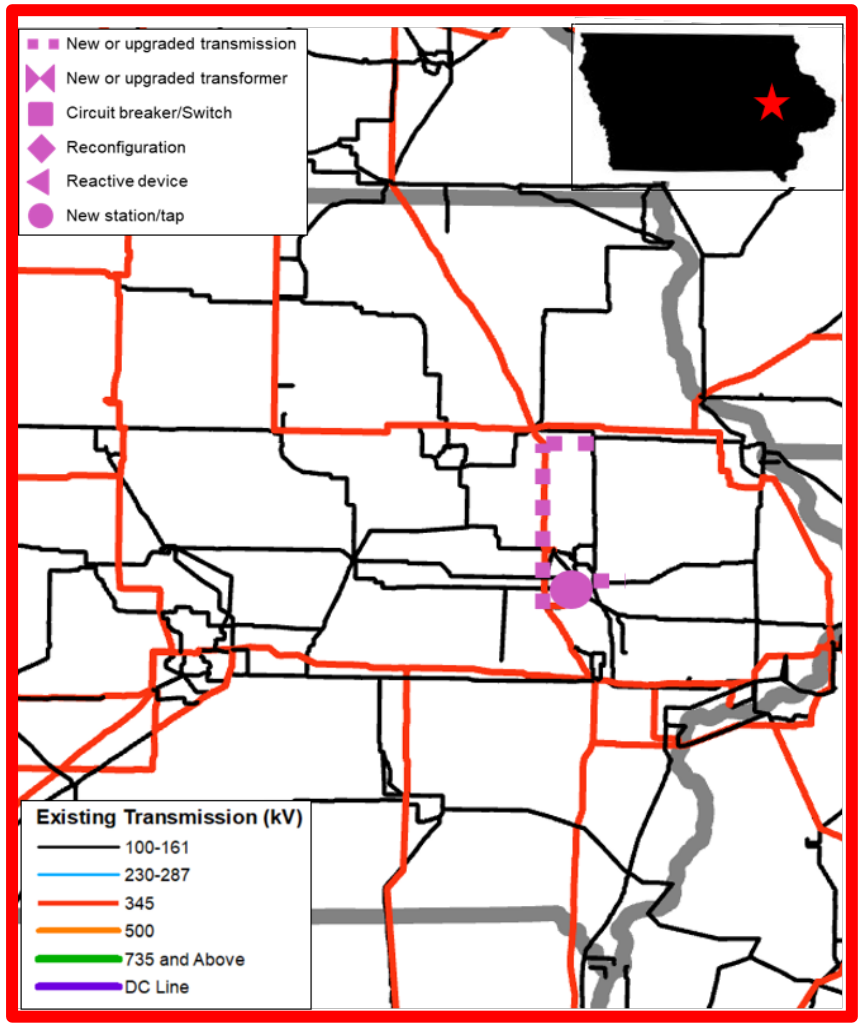
Key Takeaways

- West region representing one (1) project for review
- Central region representing two (2) projects for review
- South region representing five (5) projects for review

West Region Projects

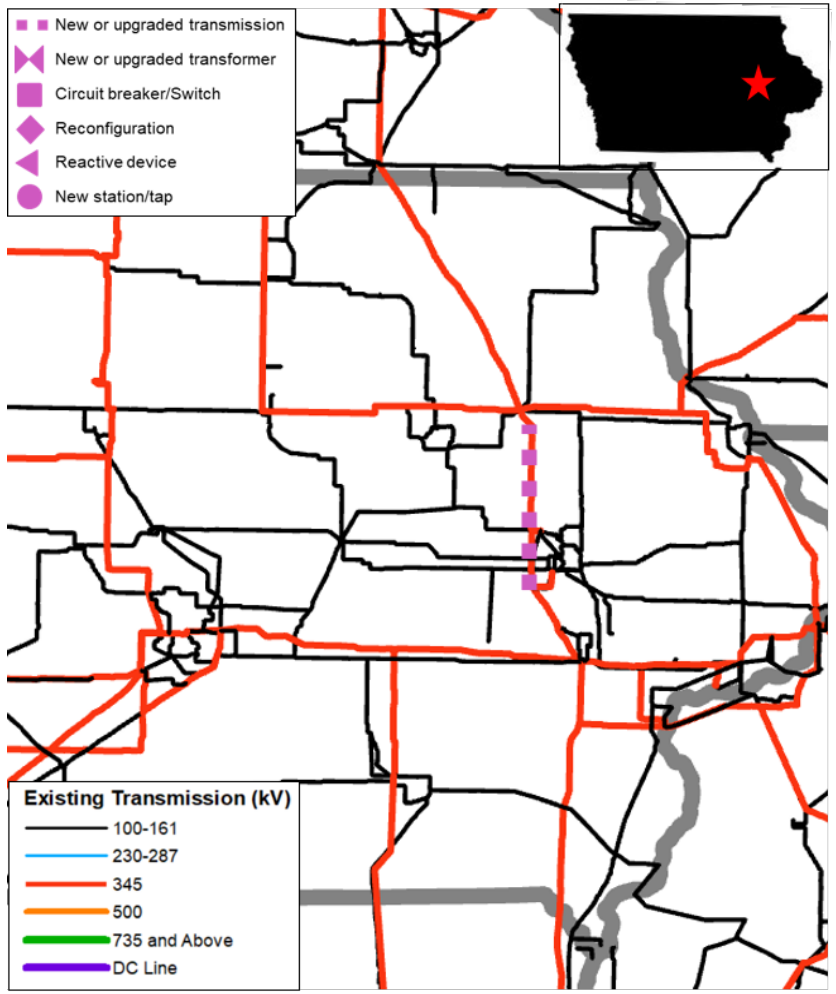


ITCM: Big Cedar Load Addition



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



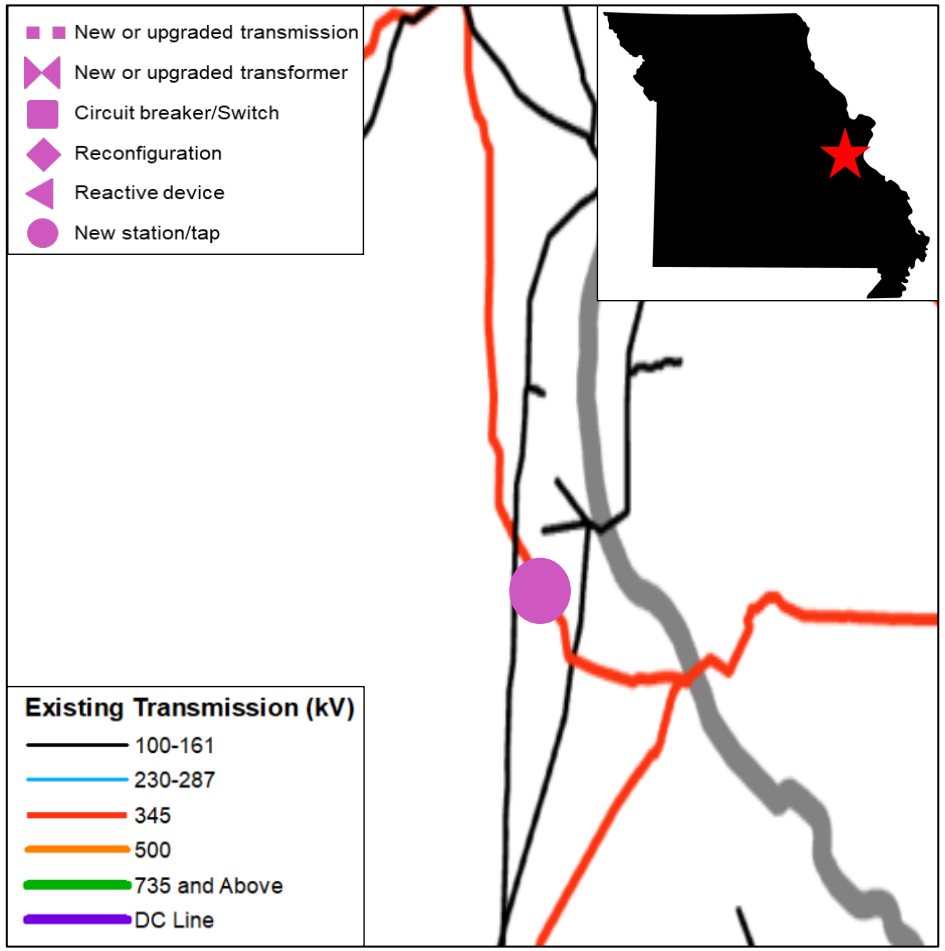
Project #	51416
Project Name	MidAmerican Energy Upgrades for MTEP 51259 Big Cedar 370 MW Load Addition
Project Type	Other, Load Growth
Project Description	Transmission line structure replacements on MidAmerican's section of the Hazleton-Arnold 345 kV line to increase the line rating.
System Need	The 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

- 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

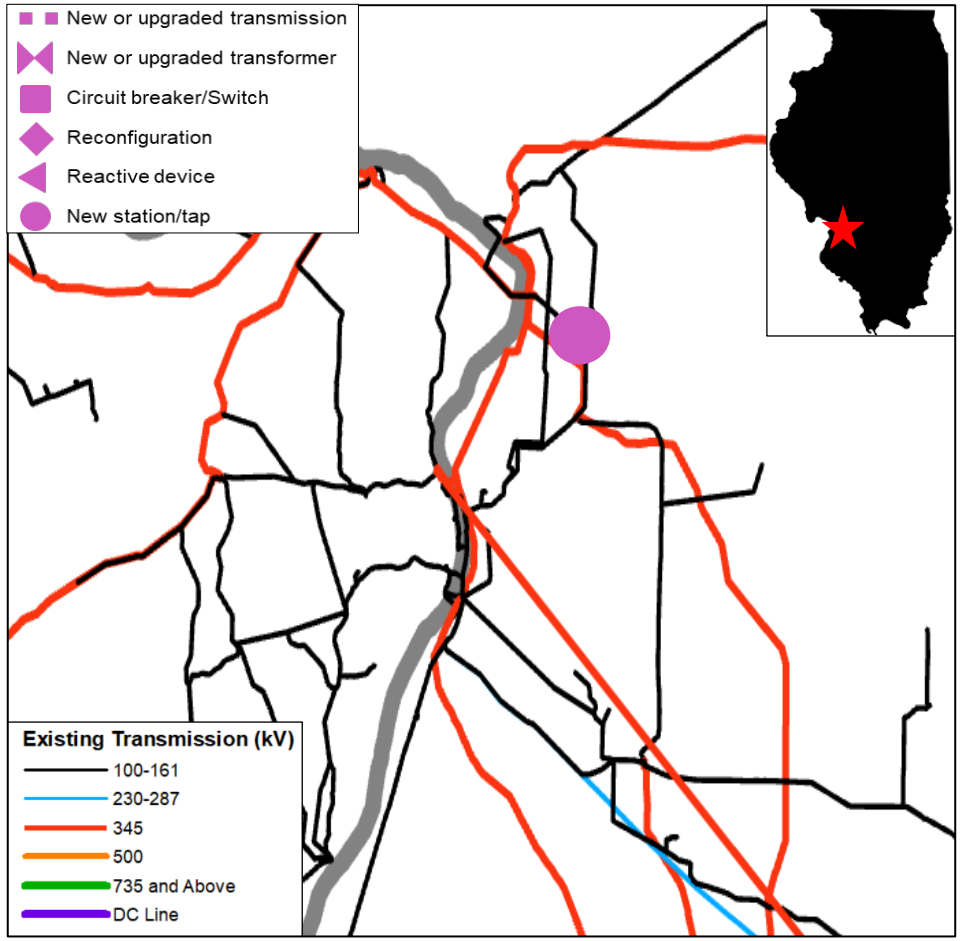


Project #	51323
Project Name	New Project Point 345 kV Temporary Tap
Project Type	Other, Load Growth
Project Description	Temporarily tap the Rush Island-Tyson and Rush Island-Joachim 345 kV lines to supply 600 MW of customer load
System Need	The project was initiated by a request from a customer.
Spot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

- 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.

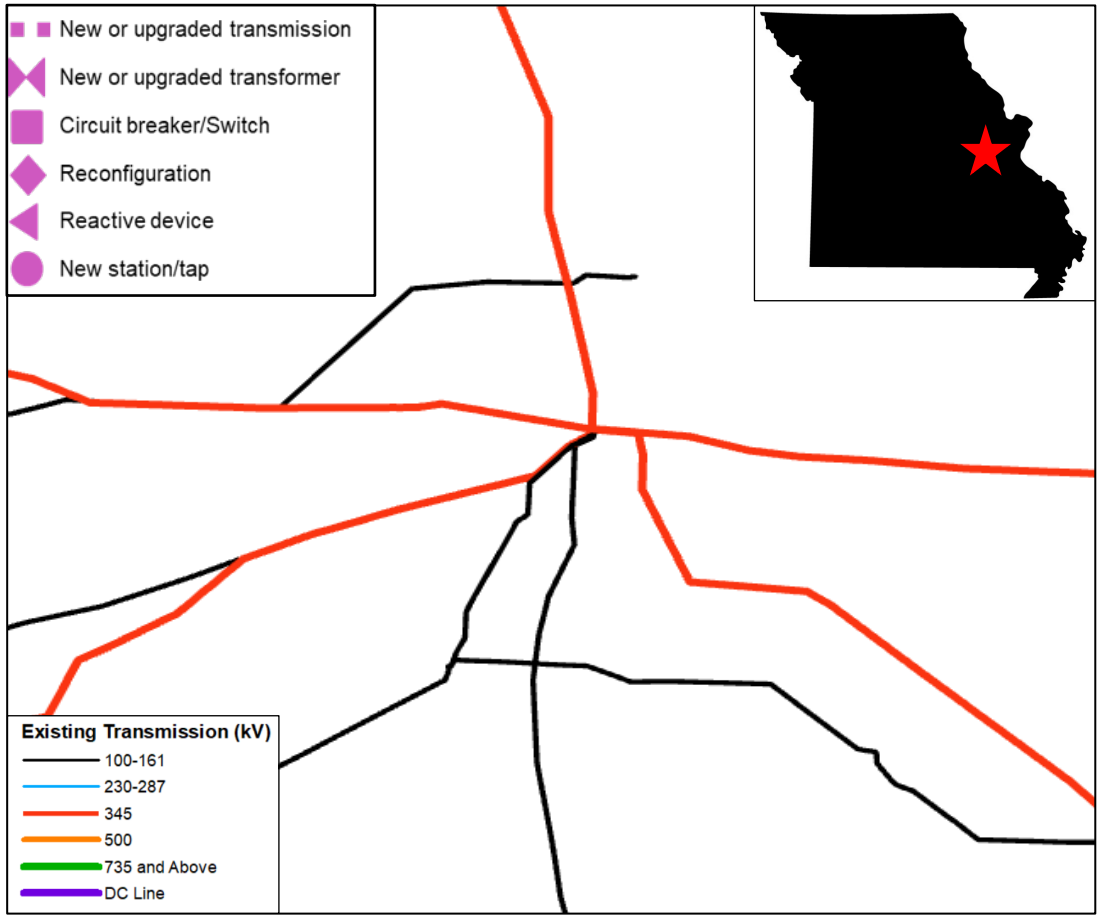
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - All observed TPL violations or worsened reliability issues on the MISO system had valid CAPs that did not require any new MTEP projects
  - No neighboring entities were impacted based on the analysis results

AMIL: 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

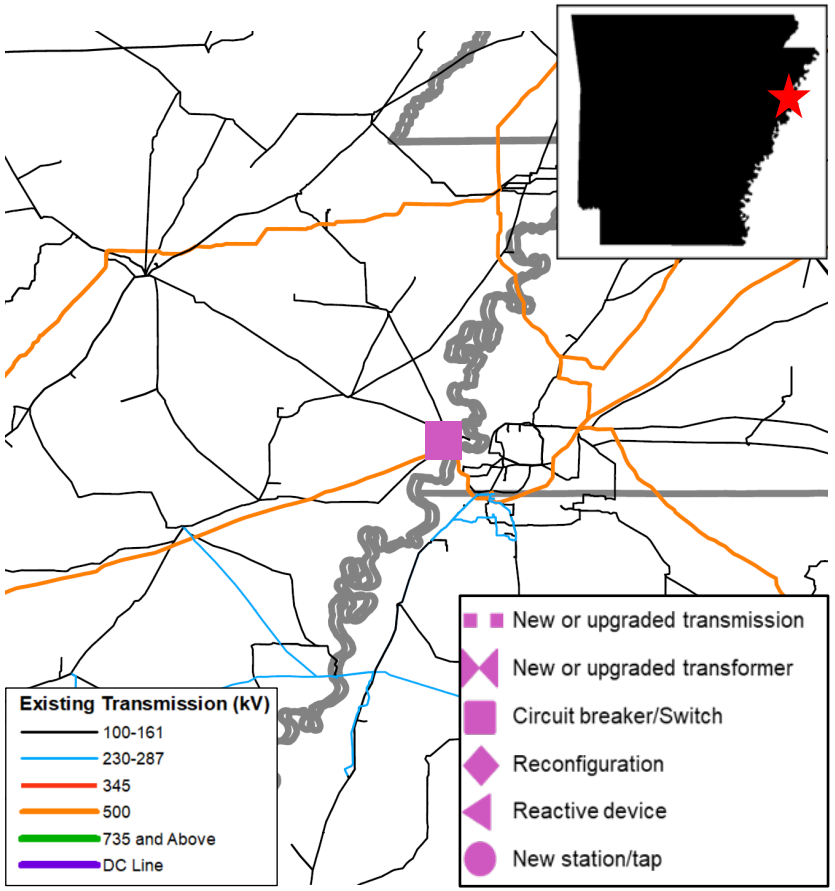
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for submitting TO review prior to analysis.

- 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
  - 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

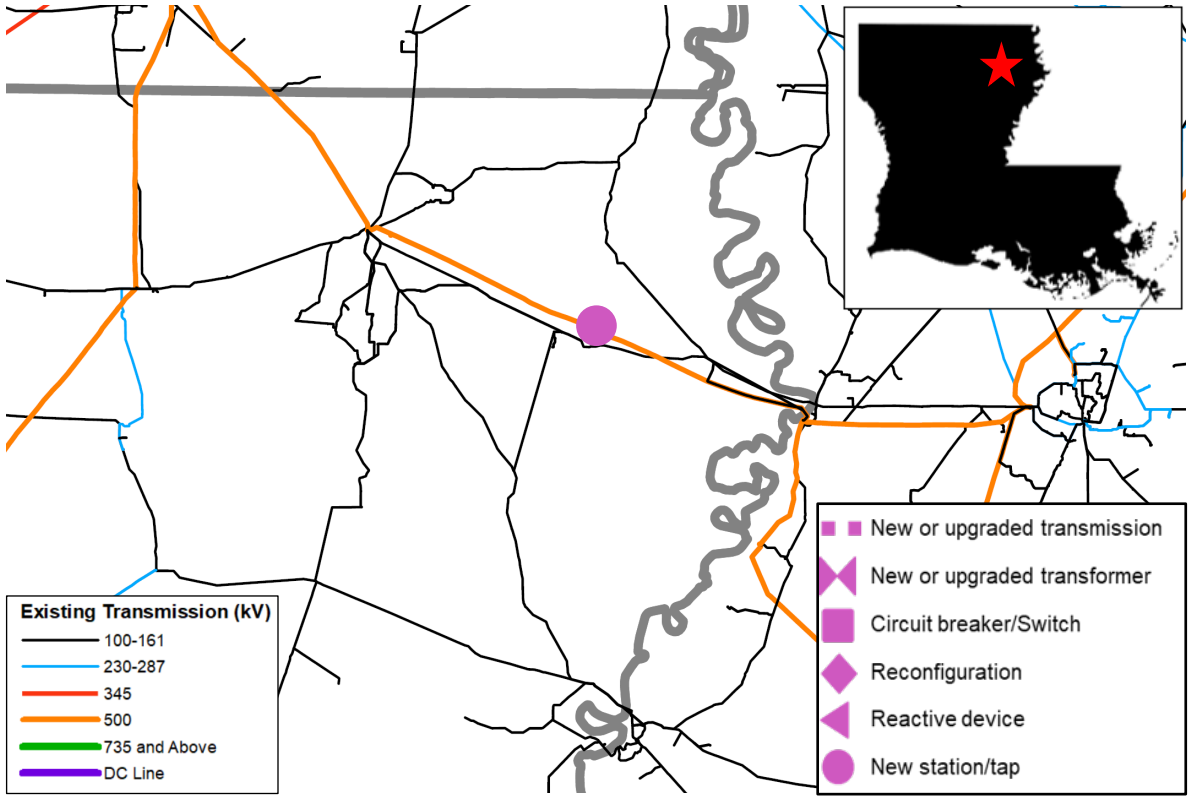


Project #	51238
Project Name	Galet 230kV: Phase 2 Expand Substation
Project Type	Other, Load Growth
Project Description	The Galet 230kV substation will be expanded by adding an additional breaker and a half bay for two additional radial 230kV lines to serve customer stations.
System Need	EPR for customer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

- 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: West Fork Creek 500-230 kV Station

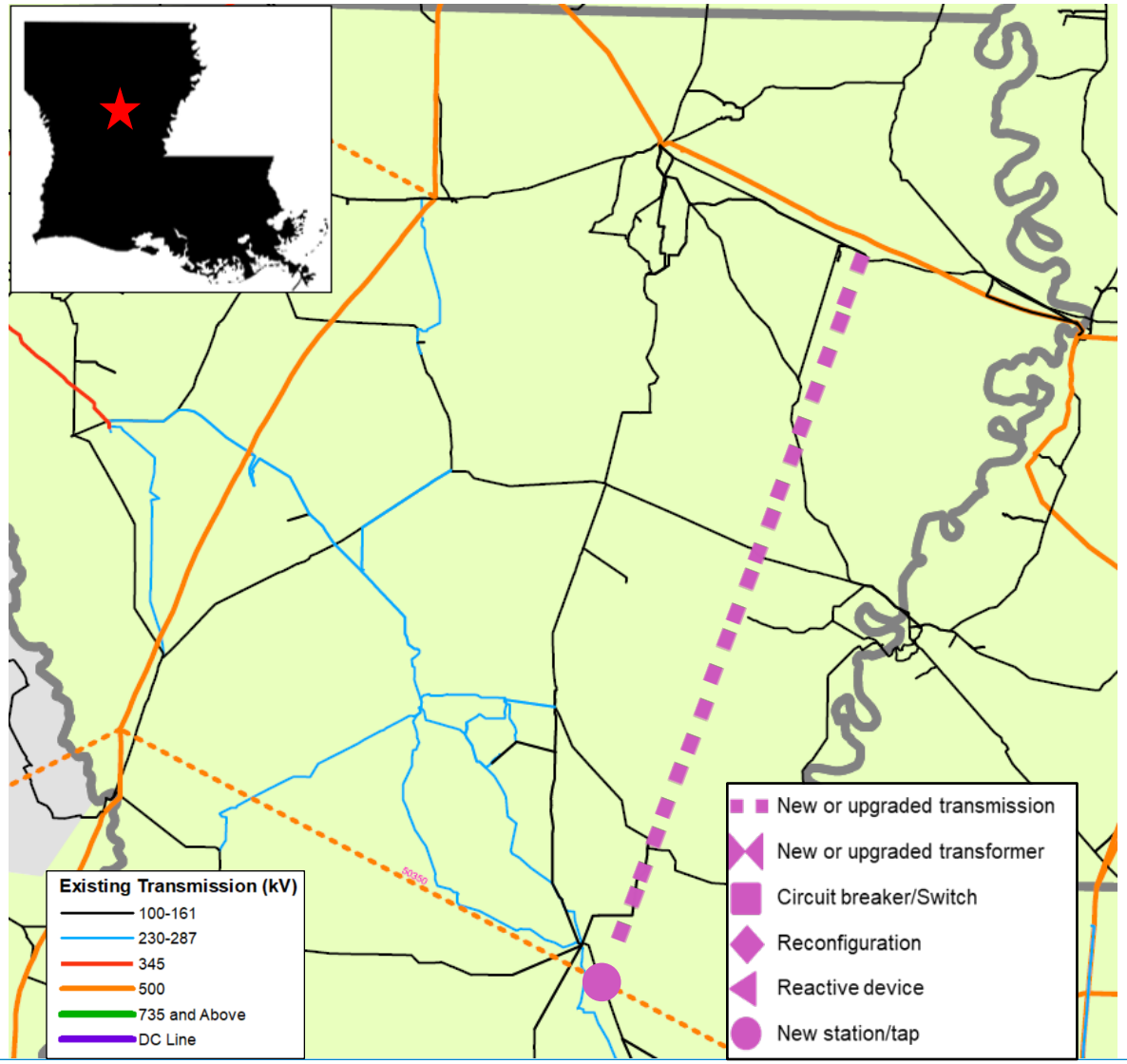


Project #	51262
Project Name	West Fork Creek 500-230 kV Station
Project Type	Other, Load Growth
Project Description	Entergy is proposing to construct a new 500/230 kV station named West Fork Creek to serve a customer load cut into the existing Car Gas Road-Smalling 500 kV line #1 and Car Gas Road-Smalling 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

- 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: West Fork Creek to St Landry 500 kV Project

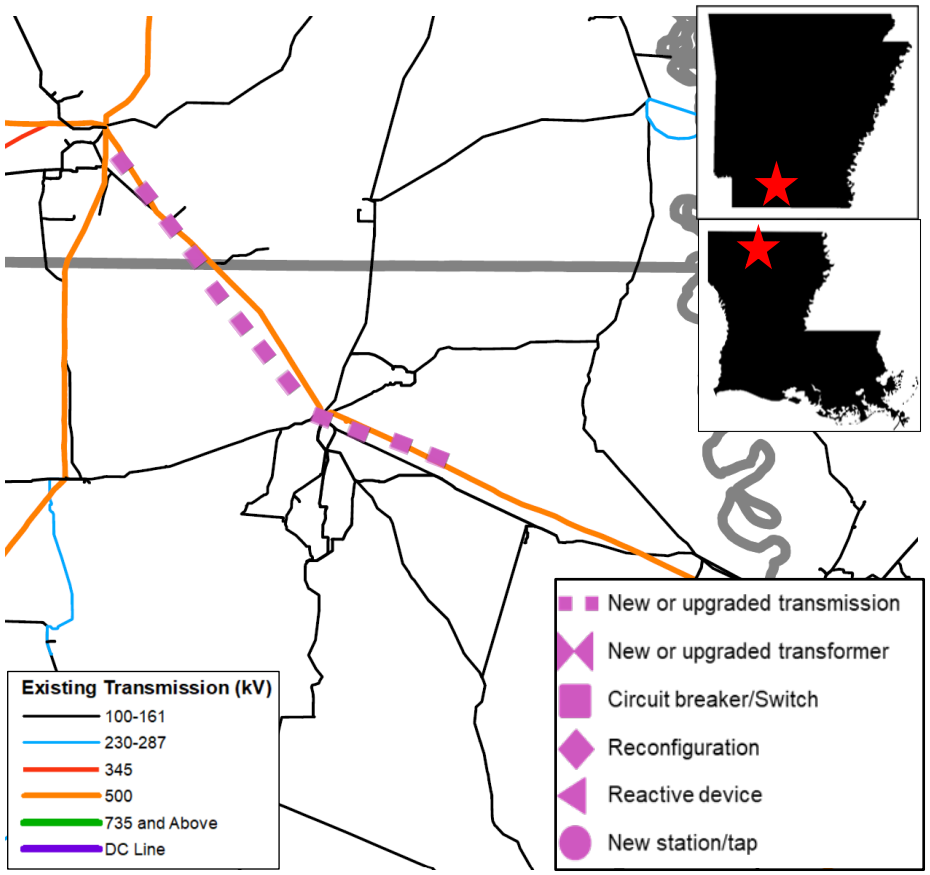


Project #	51263
Project Name	West Fork Creek to St Landry 500 KV Project
Project Type	Other, Local Reliability
Project Description	Entergy is proposing to construct: • New 500 kV St. Landry switching station cut into the Babel – Webre 500 kV line • Construct a ~153 mile 500 kV line from St Landry 500 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

- 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

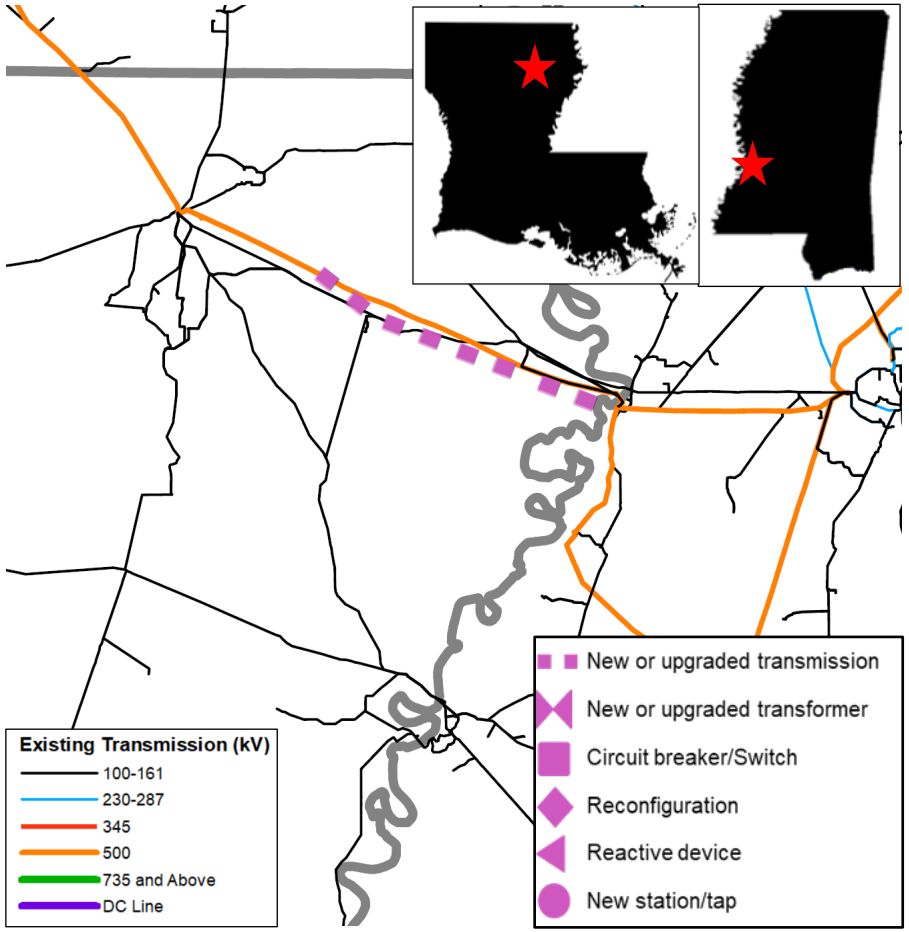
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - All observed TPL violations or worsened reliability issues on the MISO system had valid CAPs that did not 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

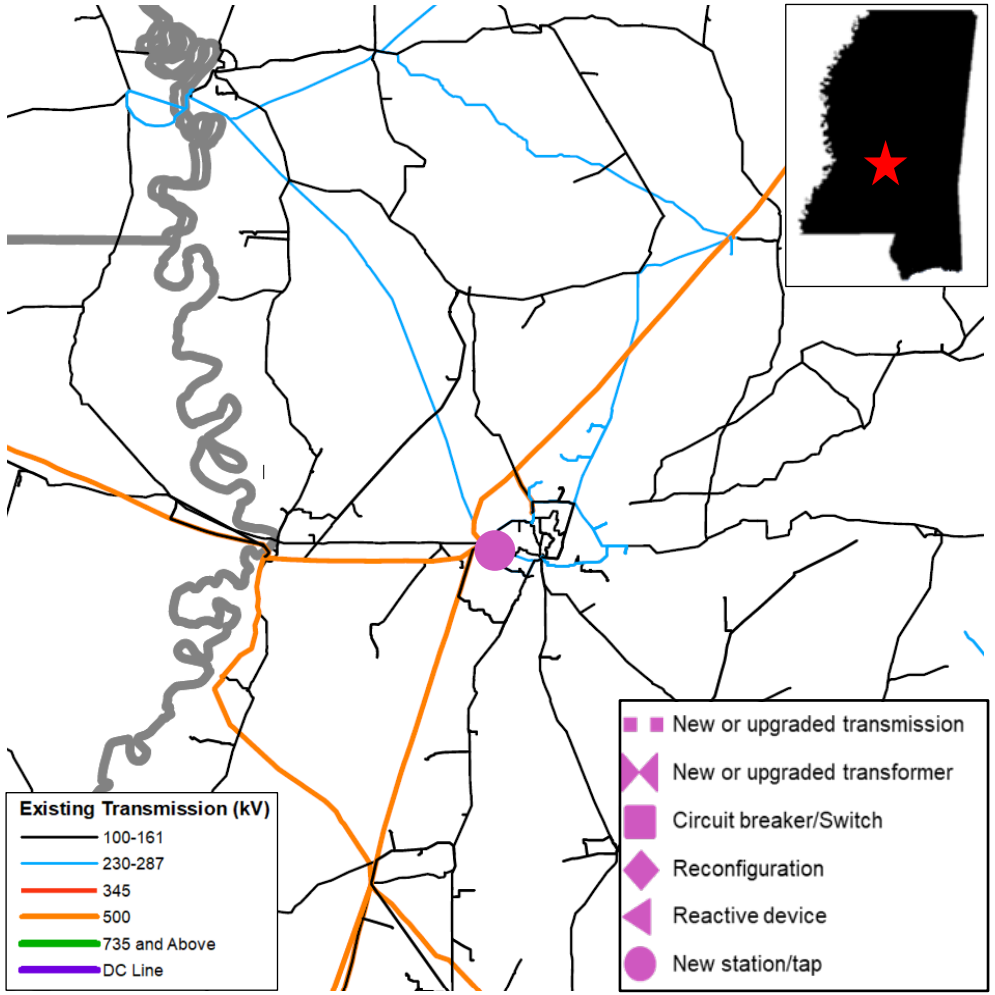


Project #	N/A
Project Name	Baxter Wilson to Smalling 500 kV
Project Type	BRP
Project Description	Proposal to construct a new 500 kV line from Baxter Wilson to Smalling as an alternative to MTEP project 51264. Not selected due to excess reliability issues not present in project 51264.
System Need	---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

- 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
  - 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

- 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

Questions?



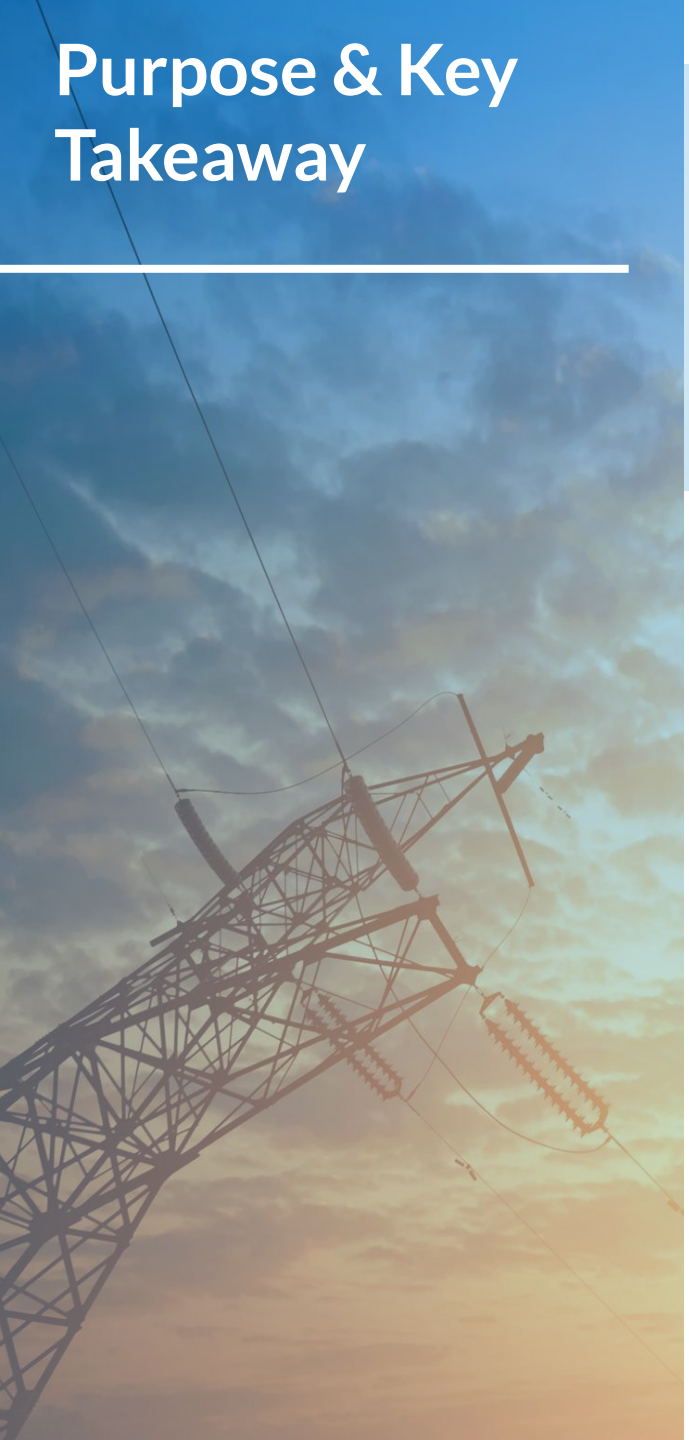


EPR Statistics Update

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

September 8th, 2026

Purpose & Key Takeaway



Purpose

Provide updates on the status of projects submitted for Expedited Project Review

Key Takeaways

- Nine (9) of the ten (10) February 2026 Cycle EPRs have been approved, one (1) has been withdrawn
- Six (6) of the eighteen (18) April 2026 EPRs have been approved. Six (6) of the requests have completed mitigations discussions, one (1) has been withdrawn.
- One (1) of the nine (9) June 2026 EPRs has been approved. Two (2) of the requests have completed mitigations discussions.
- MISO received thirteen (13) EPR requests for the August 2026 Cycle
- Starting with this EPR-TSTF, approved EPRs will be included in MTEP27 Appendix A*

*Per BPM-020 Sec. 4.1.4.3

MISO received 10 EPRs for the February 2026 cycle representing 2,600 MW of new load.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51177	New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)	Central	AMIL	300	Approved
February 2026	51178	New Load Addition at New Truett 345 kV Substation (Truett Phase 1)	Central	AMIL	200	Approved
February 2026	51179	New 345 kV Lines for New Truett Load Addition (Truett Phase 2)	Central	AMIL	500	Approved
February 2026	51175	Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)	Central	AMMO		Approved
February 2026	51207	New Gallagher 230 kV Load Addition	Central	CIN	150	Approved
February 2026	51213	Viking Large Load Addition	West	CFU	100	Withdrawn

MISO received 10 EPRs for the February 2026 cycle representing 2,600 MW of new load.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
February 2026	51205	Garant Bayou 161kV: New Switching Station	South	EATO		Approved
February 2026	51220	Project Cannoli	East	ITC	1000	Approved
February 2026	51216	Van Meter 161 kV Substation and Associated 161 kV Upgrades	West	MEC	300	Approved
February 2026	51219	Wishek NW Data Center Load Addition	West	MDU	50	Approved

MISO received eighteen (18) EPR project requests for the April 2026 cycle representing 9157 MW of new load additions

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51228	New Reynolds 138 kV Delivery Point	Central	IPL	250	Under Study
April 2026	51238	Galet 230kV: Expand Substation	South	EAL	250	EPR-TSTF Sept 8
April 2026	51259	Big Cedar 370 MW Load Addition	West	ITCM	370	EPR-TSTF Sept 8
April 2026	51262	West Fork Creek 500-230 kV Station	South	ELL	4500	EPR-TSTF Sept 8
April 2026	51263	West Fork Creek to St Landry 500 kV Project	South	ELL		EPR-TSTF Sept 8
April 2026	51264	El Dorado to Smalling 500 kV Project	South	ELL/EAL		EPR-TSTF Sept 8
April 2026	51293	Hannover Data Center Load Addition	West	MDU	430	Approved
April 2026	51298	Marquette 230 kV New Substation	South	EMI	116	EPR-TSTF Sept 8
April 2026	51299	Macaw 230 kV New Substation	South	EMI	200	Approved

MISO received eighteen (18) EPR project requests for the April 2026 cycle representing 9157 MW of new load additions

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51300	New 69 kV Capacitor Bank Addition at Blue Earth NE 69 kV Sub and other Blue Earth load driven facility upgrades	West	CMMPA	100	Under Study
April 2026	51301	Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.	South	ELL		Approved
April 2026	51303	New RECC Load Addition at Mogul 345 kV Substation (Phase 3)	Central	AMIL	365	Approved
April 2026	51304	Prairie Link 345 kV Load Addition	Central	AMIL	700	Approved
April 2026	51307	Project Hackman Phase 1	Central	HE	300	Under Study
April 2026	51308	Project Hackman Phase 2	Central	HE	600	Under Study
April 2026	51309	New Tallgrass 13/12 kV substation	Central	HE		Under Study

MISO received eighteen (18) EPR project requests for the April 2026 cycle representing 9157 MW of new load additions

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
April 2026	51311	DEMCO Juban Trails 500-230 kV Station	South	ELL	676	Withdrawn
April 2026	51313	Prairie Link 345 kV Temporary Connection	Central	AMIL	300	Approved

MISO received nine(9) EPR project requests for the June 2026 cycle representing 3452 MW of new load additions

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	State/Transmission Pricing Zone	Load Value (MW)	Expected In-Service Date	Current Status
June 2026	51312	Sheridan North Load Addition	South	AECC	AR/Zone 8	800	3/31/2028	Under Study
June 2026	51320	Temporary Tap for Truett 500 MW	Central	AMIL	IL/Zone 4	500	6/1/2029	EPR-TSTF Sept 8
June 2026	51323	New Project Point 345 kV Temporary Tap	Central	AMMO	MO/Zone 5	600	6/1/2028	EPR-TSTF Sept 8
June 2026	51329	Brazos Plantersville 230 kV Station	South	EES	TX/Zone 10	13.37	12/1/2027	Under Study
June 2026	51352	Midbend 230 kV Station	South	EES	LA/Zone 9	29	11/1/2026	Under Study
June 2026	51363	Peninsula DC	South	CLEC	LA/Zone 9	430	3/1/2027	Under Study
June 2026	51364	Project Atom Load Interconnection	West	ITCM	IA/Zone 3	300	6/1/2028	Under Study
June 2026	51366	Project Skyway Large Load	West	XEL	MN/Zone 1	780	6/1/2028	Approved
June 2026	51368	New Project Point Stag Capacitor Bank	Central	AMMO	MO/Zone 5		12/1/2029	Under Study

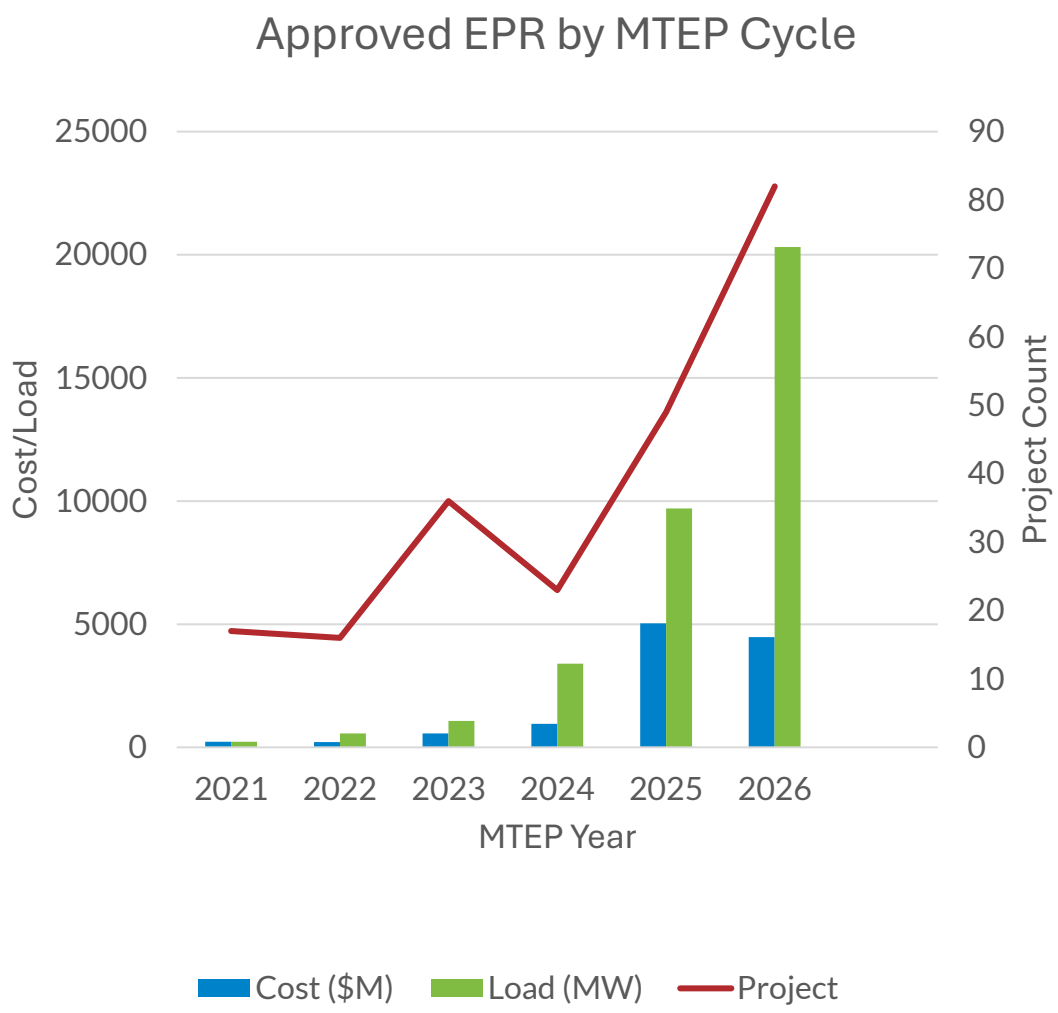
MISO received thirteen (13) EPR project requests for the August 2026 cycle representing 6825 MW of new load additions

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	State/Transmission Pricing Zone	Load Value (MW)	Expected In-Service Date	Current Status
August 2026	51438	New [HE] Prairie Creek 345 kV Transmission Station and Load Phase 2	Central	HE	IN/Zone 6	200.00	10/1/2029	Under Study
August 2026	51437	Galet 230kV Phase 3 Expansion	South	EATO	AR/Zone 8	250.00	12/1/2031	Under Study
August 2026	51436	Zeuber 500/230kV Substation	South	EATO	AR/Zone 8	1100.00	12/1/2029	Under Study
August 2026	51435	Jenkins 500/230kV Substation	South	EATO	AR/Zone 8	1000.00	12/1/2030	Under Study
August 2026	51434	Andes 230kV Expansion Phase 2	South	EMTO	MS/Zone 10	300.00	6/1/2028	Under Study
August 2026	51433	Paducah Load Interconnection - Phase 2	Central	GLH	IL/Zone 4 KY/Zone 6	1525.00	6/1/2031	Under Study
August 2026	51432	Paducah Load Interconnection - Phase 1	Central	GLH	KY/Zone 6	300.00	6/1/2028	Under Study

MISO received thirteen (13) EPR project requests for the August 2026 cycle representing 6825 MW of new load additions

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	State/Transmission Pricing Zone	Load Value (MW)	Expected In-Service Date	Current Status
August 2026	51431	Rebel East and Westwood 345 kV Substations & Associated Upgrades	West	MEC	IA/Zone 3	700.00	12/31/2030	Under Study
August 2026	51430	Rebel West 345 kV Substation & Associated Upgrades	West	MEC	IA/Zone 3	600.00	12/31/2027	Under Study
August 2026	51429	Project Pawnee Final	Central	AMIL	IL/Zone 4	400.00	12/1/2030	Under Study
August 2026	51428	Project Pawnee Temporary Tap	Central	AMIL	IL/Zone 4	150.00	6/1/2028	Under Study
August 2026	51425	New [HE] Prairie Creek 345 kV Transmission Station and Load Phase 1	Central	HE	IN/Zone 6	300.00	10/1/2028	Under Study
August 2026	51422	Iosco-Long Rapids 138 kV Rebuild	East	METC	MI/Zone 7		5/28/2029	Under Study

MISO has approved 82 EPRs for the MTEP26 cycle as of September 2nd, 2026.



Approved MTEP26 Spot Load projects



Questions ?

MISO Expansion Planning
PlanningCoordinator@MISOEnergy.org

Appendix

MISO completed the analysis for EPRs submitted into June 2025 Cycle

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Approved
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Approved
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Approved
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Approved
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Approved
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Approved
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Approved
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Approved
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Approved
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Approved
October 2025	50780	West Glencoe	West	GRE	40	Approved
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Approved
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Approved
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Approved
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Approved
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Approved
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Approved
October 2025	51079	Project Raider Load	Central	SIGE	600	Approved
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Approved
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Approved
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Approved
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Approved

MISO received twenty-four (24) EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Approved
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Approved
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	Angie 230/69KV Substation - 230KV line breaker additions	South	LAGT		Approved
October 2025	51064	Holton 115/69KV Substation - 115KV line breaker and 69KV bus tie breaker additions	South	LAGT		Approved
October 2025	51065	Talisheek 230KV line breaker additions and 69KV bus tie breaker addition	South	LAGT		Approved
October 2025	51070	East Mandeville 230/69KV substation	South	LAGT		Approved

MISO received 6 EPRs for the December 2025 cycle representing 4297 MW of new load. MISO added 3350 MW of newly signed GIA generation including 4 ERAS cycle 1 generators.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
December 2025	51141	New Hobart Load Addition	Central	NIPSCo	1500	Approved
December 2025	51142	New Schahfer Load Addition	Central	NIPSCo	800	Approved
December 2025	51148	New Trail Creek Load Addition	Central	NIPSCo	300	Approved
December 2025	51134	Project Benton	East	ITCT	1383	Approved
December 2025	51145	New Crossroads Station and Load	Central	HE	300	Approved
December 2025	51146	CCS 115 kV Station	South	EML	14	Approved

Expedited Project Review Results and Recommendation

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

October 07, 2025

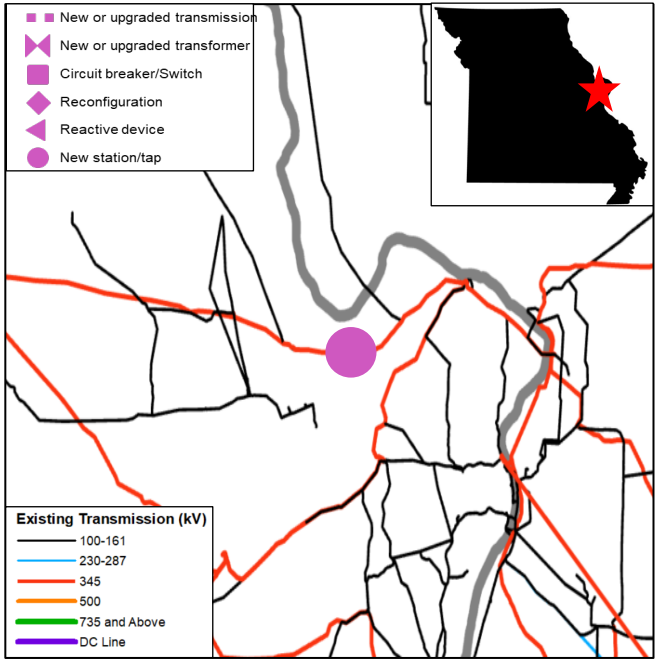
Purpose: Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways:

- Five (5) EPRs have completed analysis and mitigation representing 719 MW of new spot load and other reliability concerns
  - [AMMO] New Hayford 345 kV Substation for Load Addition
  - [ITCT] Cortland 120 kV Station Expansion
  - [MEC] East Kanesville 161 kV Substation and 161 kV Lines
  - [1803] 1803 – 2025 Age and Condition Program
  - [ETEC] New Sub – 138kV Fish Lake
- MISO recommends the projects move to MTEP26/Appendix A after the PAC comment period.

[AMMO] New Hayford 345 kV Substation for Load Addition

AMMO: New Hayford 345 kV substation



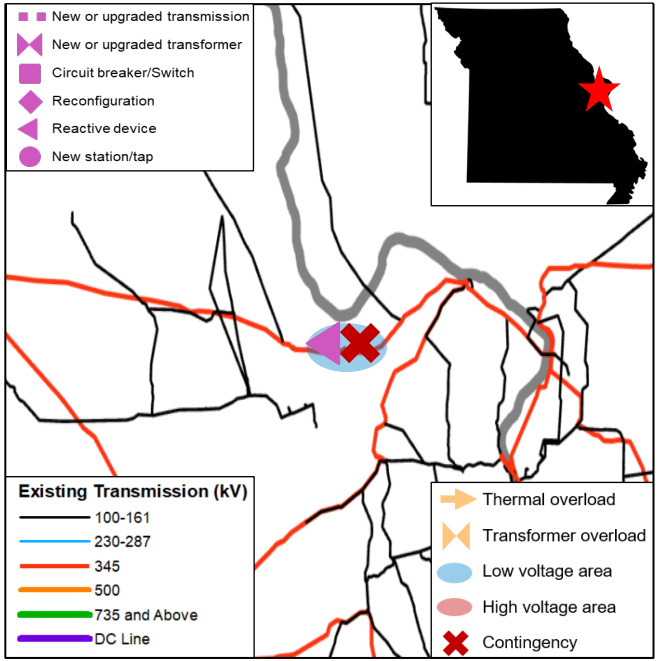
Project #	50695
Project Name	New Hayford 345 KV substation for load addition
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV BAAH substation on Sioux-Belleau 345 kV line.
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$12 M
Expected ISD	12/31/2027
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- Results were posted for member feedback
- An additional CAP was required to mitigate observed issues

- We appreciate the active coordination of the impacted parties as a part of this process

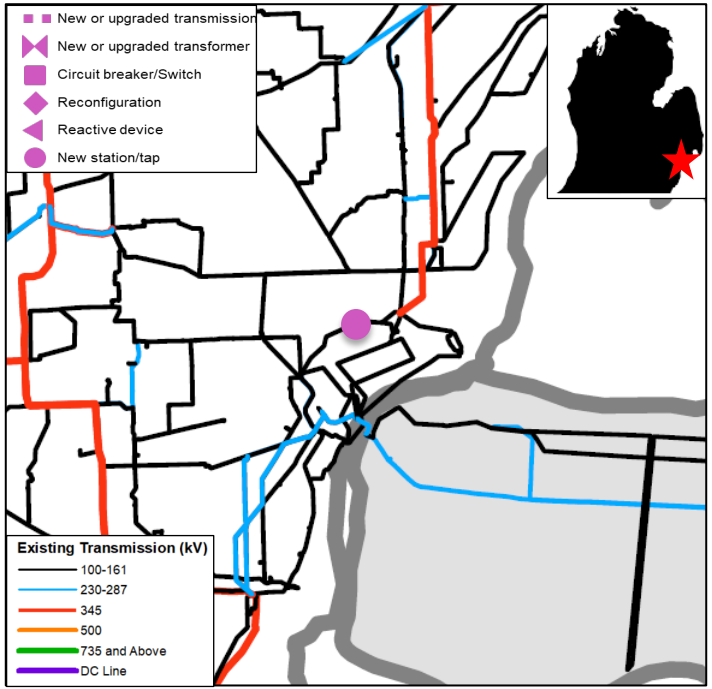
Corrective Action Plans (CAPs)
New MTEP26 BRP project



Project #	50743
Project Name	New Elkhorn 280 MVAR Cap Bank
Project Type	BRP
Project Description	Add 280 MVAR Cap Bank for voltage support to increased load
System Need	P6 and P7 LV observations
Current Cost	$12 M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

[ITCT] Cortland 120 kV Station Expansion

ITCT: Cortland 120 kV Station Expansion



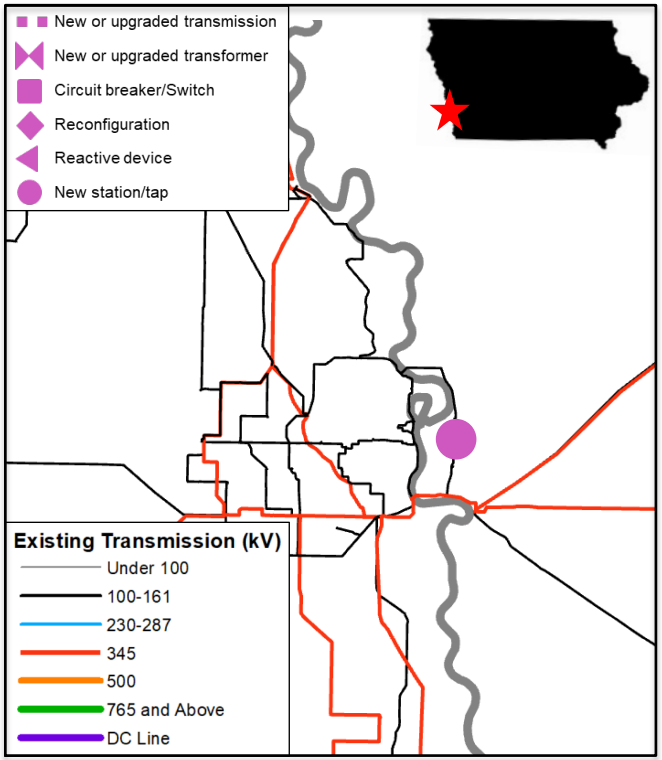
Project #	50730
Project Name	Cortland 120 kV Station Expansion
Project Type	Other, Local Needs
Project Description	Build new 120 kV nine breaker modified breaker and a half station to connect to existing DTE Cortland. Install new control house. Re-terminate existing Cortland-Warren/ Midtown/Caniff UG circuits to new station. Connect three new circuits to DTE's Cortland station. Remove major ITC equipment at existing Cortland station.
System Need	To facilitate a DTE interconnection request regarding DTE transformer replacements.
Current Cost	$42.7 M
Expected ISD	12/31/2030
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 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 member feedback
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[MEC] East Kanesville 161 kV Substation and 161 kV Lines

MEC: East Kanesville 161 kV Substation & 161 kV Lines



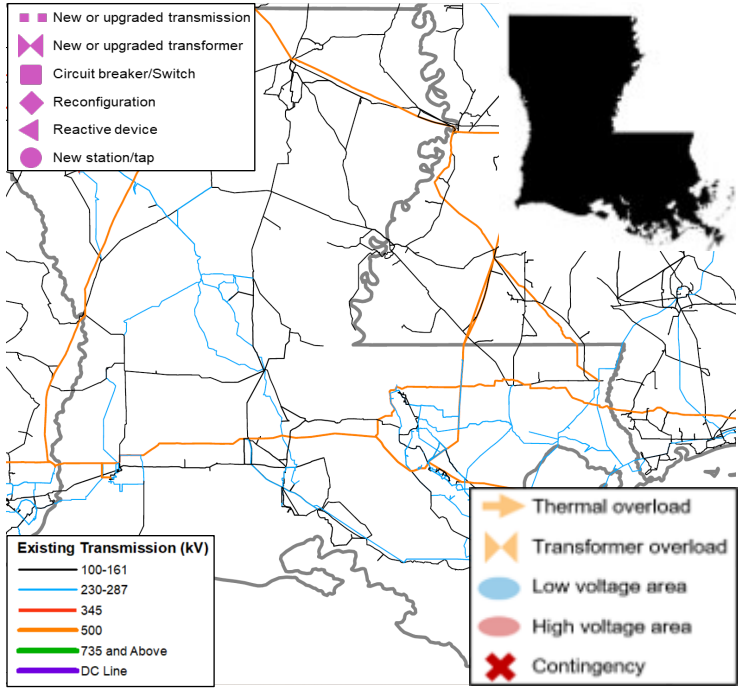
Project #	50721
Project Name	East Kanesville 161 kV Substation & 161 kV Lines
Project Type	Other, Load Growth
Project Description	Construct the new East Kanesville Substation. The project will consist of bisecting the Quick-Sub 701 161 kV line and bringing two one span 161 kV lines into the new East Kanesville Substation, adding a new 161 kV line terminal at Overland Trail Substation and constructing a new 161 kV line from Overland Trail Substation to East Kanesville Substation. The new East Kanesville Substation will also have a 161 kV, 25 MVAR capacitor bank.
System Need	Serve load
Current Cost	$57M
Expected ISD	6/1/2029
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- Results were posted for member feedback
- All identified TPL violations worsened by this project already have valid Corrective Action Plans in place to resolve them.

[1803] 1803 – 2025 Age and Condition Program

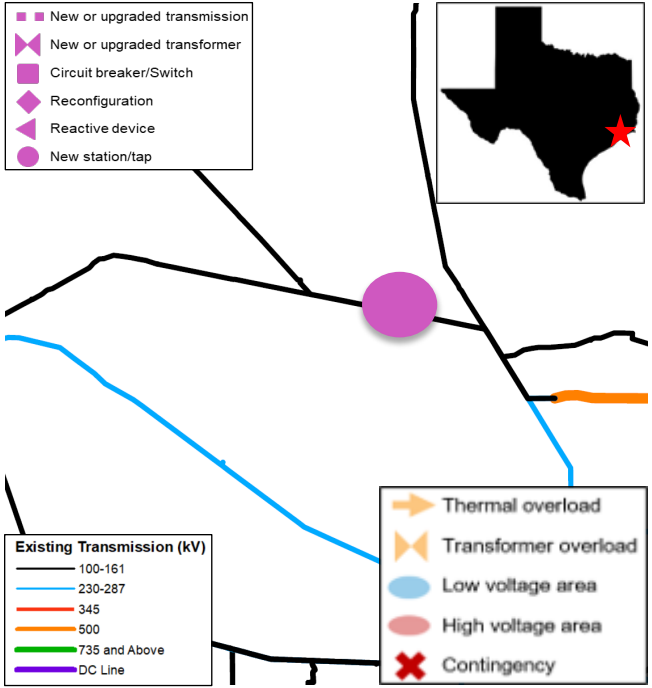
1803 Inc. : 2025 Age and Condition Program



Project #	50746
Project Name	1803 - 2025 Age and Condition Program
Project Type	Other, Age & Condition
Project Description	The 1803 Age and Condition Program prioritizes replacing aged and/or degraded transmission substation assets prioritized on equipment condition assessments. This project covers the execution of this program in 2025 to replace aging equipment such as: arrestors, breakers, switches, motor operated switches, current transformers, potential transformers, communication equipment, protective relays, battery banks, or battery chargers.
System Need	1803 Electric Cooperative, Inc was approved as a MISO TO on June 12, 2025. This EPR request is for the evaluation of a 2025 MTEP “Other - Age and Condition” project for work to be performed during calendar year 2025. Due to expected lead times of BES equipment 1803 requests approval of this project ahead of the MTEP26 cycle.
Current Cost	$ 0.73 M
Expected ISD	12/31/2025
Target Appendix	A in MTEP26

[ETEC] New Sub – 138kV Fish Lake

ETEC: New Sub – 138kV Fish Lake



Project #	50747
Project Name	New Sub – 138kV Fish Lake
Project Type	Other, Local Reliability
Project Description	The current distribution system is energized by a 230 kV/69 kV substation situated at Sour Lake Substation, within the Midcontinent Independent System Operator (MISO) region. The existing distribution system will connect to a new 138kV substation (Fish Lake) by tapping the Cypress (#334319)-Rye (#334194) transmission line, which is located approximately 16.5 miles north of Sour Lake Substation.
System Need	The reason for this system change is because SHECO has had this load involuntarily disconnected by their Transmission Operator several times without notice or warning. This is a reliability issue for customers who are fed off the Sour Lake Substation. We've provided metrics to show the outages.
Current Cost	$10 M
Expected ISD	10/1/2027
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

- No new or worsened violations were identified as a result of this EPR.

Contact Information

EPR Team

Dave Seelye – Central/East Region
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Yabdi@misoenergy.org

Nestor Martinez – South Region
NMartinez@misoenergy.org



Questions

MTEP26 reliability analysis scope is consistent with previous cycle to ensure compliance with NERC standards

Steady State Analysis	Transient Stability Analysis	Voltage Stability Analysis	Transfer Capability Assessment	Nuclear Plant Assessment	Generator Deliverability Analysis
Contingency analysis for both planning and extreme events	Disturbance analysis for both planning and extreme events	Identify voltage stability limits under a set of transfer scenarios	Evaluate transfer capability of the system under various transfer scenarios	Monitor and identify potential NPIR violations	Determine deliverability of existing network resources
Near and Long term horizons (year 2, 5, 10)	Near and Long term horizons (year 5, 10*)	Near term horizon (year 5)	Near term horizon (year 5)	Near and Long term horizons (year 2, 5,10)	Near and Long term horizons (year 5, 10)
TPL-001-5.1 FAC-014 PRC-023	TPL-001-4 FAC-014 PRC-023	FAC-014 PRC-023	FAC-013 FAC-014 PRC-023	NUC-001 PRC-023	

NERC TPL-001-5.1 establishes contingencies and acceptable mitigation requirements

TPL Category	Description	Acceptable Mitigation		
		BES Level	Physical Upgrade Required?	Load Shed or Redispatch Allowed?
P0	System intact	EHV, HV	Yes	No
P1	Single contingency (Fault of a shunt device- fixed, switched or SVC/STATCOM is new)	EHV, HV	Yes	No
P2	Single event which may result in multiple element outage. Open line w/o fault, bus section fault, internal breaker fault	EHV HV	Yes No	No Yes
P3	Loss of generator unit followed by system adjustments + P1. No load shed is allowed	EHV, HV	Yes	Yes
P4	Fault + stuck breaker events	EHV HV	Yes No	No Yes
P5	Fault + relay failure to operate (new)	EHV HV	Yes No	No Yes
P6	Two overlapping singles (not generator)	EHV, HV	No	Yes
P7	Common tower outages; loss of bipolar DC	EHV, HV	No	Yes

EPR Statistics Update

Expedited Project Review Technical Studies Task Force

(EPR-TSTF)

October 7, 2025

Purpose: Provide members updated EPR statistics from the cycle process

Key Takeaways:

- Two (2) June 2025 Cycle projects have completed mitigation discussions. Three (3) are still under study
- Five (5) of the fifteen (15) August 2025 Cycle EPRs have completed mitigation discussions.
- MISO received eighteen (18) new EPRs for the October 2025 Cycle representing 5805 MW of new load requests.

MISO continues to actively coordinate with the submitters and impacted entities on the June 2025 Cycle project under study.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Under Study
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Under Study
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	EPR-TSTF Oct 7
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Under Study
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO		Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Under Study
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	EPR-TSTF Oct 7
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		EPR-TSTF Oct 7
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Under Study
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Under Study
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	Under Study
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	Under Study
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Under Study

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	Under Study
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	Under Study
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Under Study
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Under Study
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	EPR-TSTF Oct 7
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		EPR-TSTF Oct 7

MISO received 18 EPRs for the October 2025 cycle representing 5805 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Model Building
October 2025	50780	West Glencoe	West	GRE	40	Model Building
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Model Building
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Model Building
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Model Building
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Model Building
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Model Building

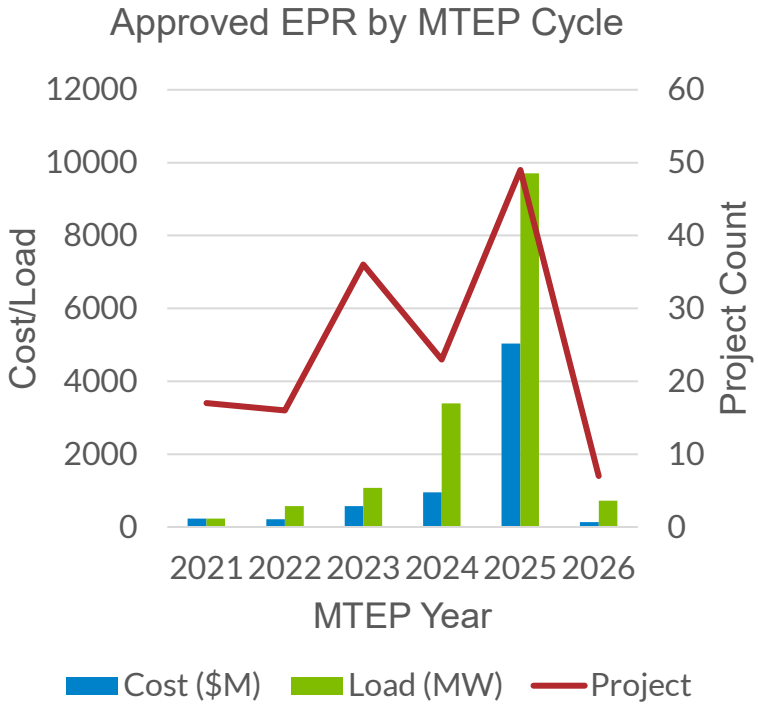
MISO received 18 EPRs for the October 2025 cycle representing 5805 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Model Building
October 2025	51051	Greensburg New Load	Central	HE	50	Model Building
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Model Building
October 2025	51079	Project Raider Load	Central	SIGE	600	Model Building
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Model Building
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Model Building
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Model Building

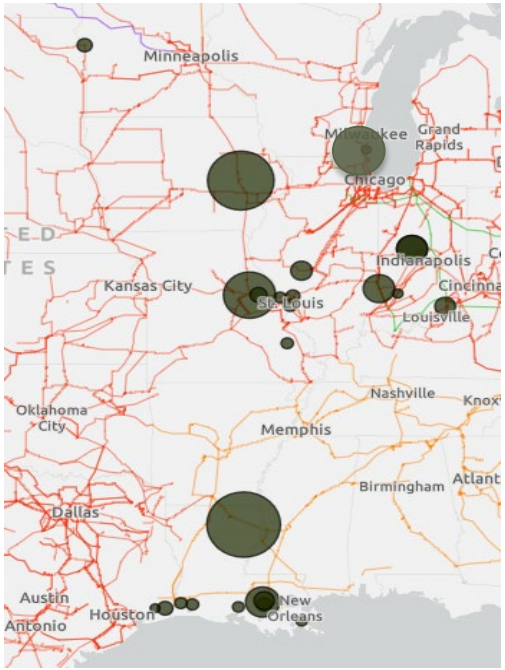
MISO received 18 EPRs for the October 2025 cycle representing 5805 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Model Building
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Model Building
October 2025	51092	Customer A 138kV	Central	NIPS	260	Model Building
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Model Building
October 2025	51058	1803 – 2026 Age and Condition Program	South	1803		Model Building

Large Load Interconnection projects have increasingly utilized the Expedited Project Review (EPR) requests process over the last two years throughout the entire MISO footprint.



Approved Spot Load Projects MTEP25



Data collected as of 10/2/2025



Questions?

Expedited Project Review Results and Recommendation

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

November 04, 2025

Purpose and Key Takeaways

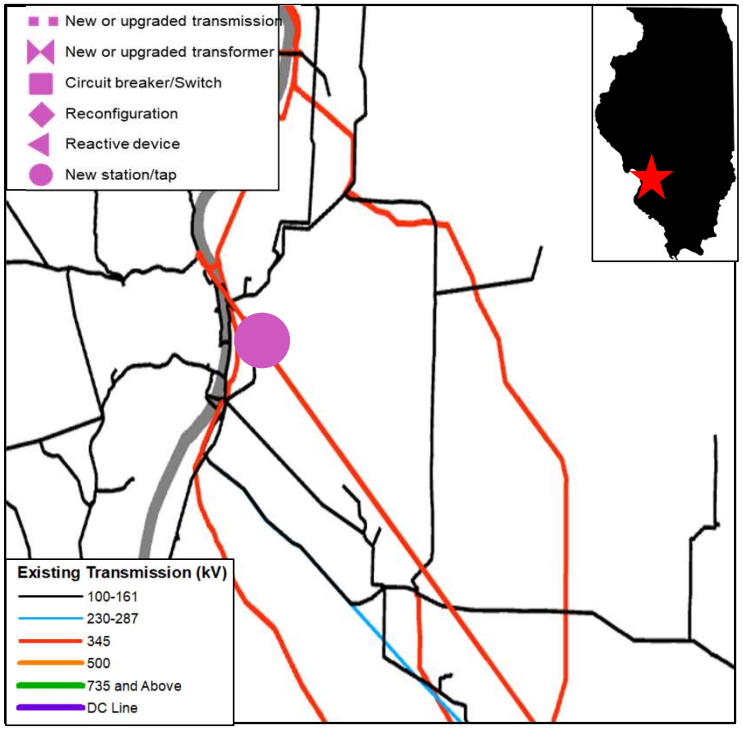
Purpose: Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways:

- Twelve (12) EPRs have completed analysis and mitigation representing 3110 MW of new spot load and other reliability concerns
  - Central region representing 10 projects for review
  - South region representing 2 Projects for review
- MISO recommends the projects move to MTEP26/Appendix A after the PAC comment period.

[AMIL] New Load Addition at New Renew 138 kV substation

AMIL: Load Addition at New Renew 138 kV substation



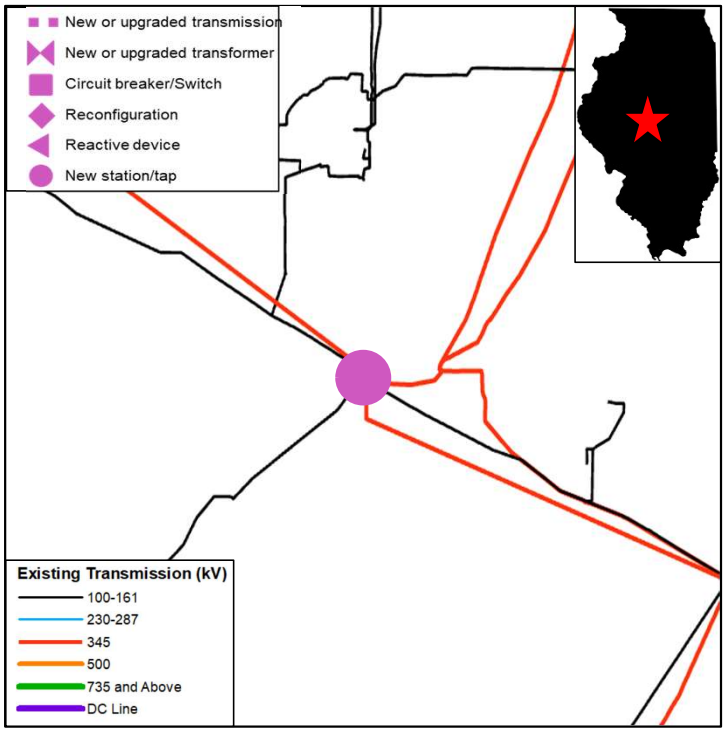
Project #	50733
Project Name	New 150 MW load at New Renew 138 kV substation on Venice-Ridge 138 kV line
Project Type	Other, Load Growth
Project Description	Construct a new 138 kV 4 position ring bus for the connection of 150 MW customer load. The substation will be splitting the Venice-Ridge-1567 138 kV line and routed into and out of the new substation. Rebuild the Venice-Ridge-1567, Cahokia-Ridge-1441, and Cahokia-Ridge-1529 138 kV lines to 2000A.
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$56.5 M
Expected ISD	12/1/2028
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 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
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[AMIL] Load Addition at Austin 345 kV Substation

AMIL: Load Addition at Austin 345 kV Substation



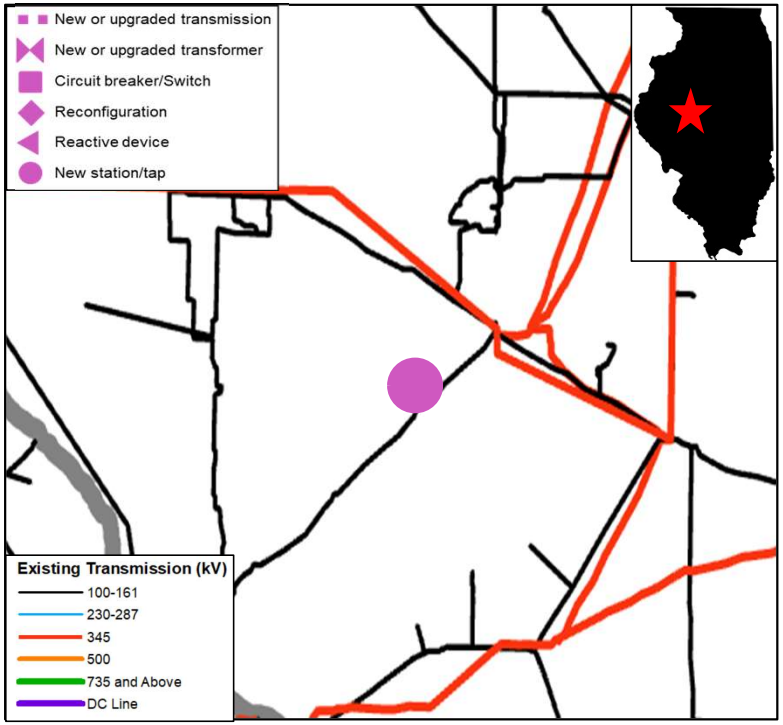
Project #	50736
Project Name	New Load Addition at Austin 345 kV substation
Project Type	Other, Load Growth
Project Description	Add 2 positions at Austin 345 kV substation to accommodate 1000 MW customer load addition
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$12 M
Expected ISD	12/1/2028
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 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
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[AMIL] New RECC Load Addition at Mogul 345 kV Substation

AMIL: RECC Load Addition at Mogul 345 kV Substation

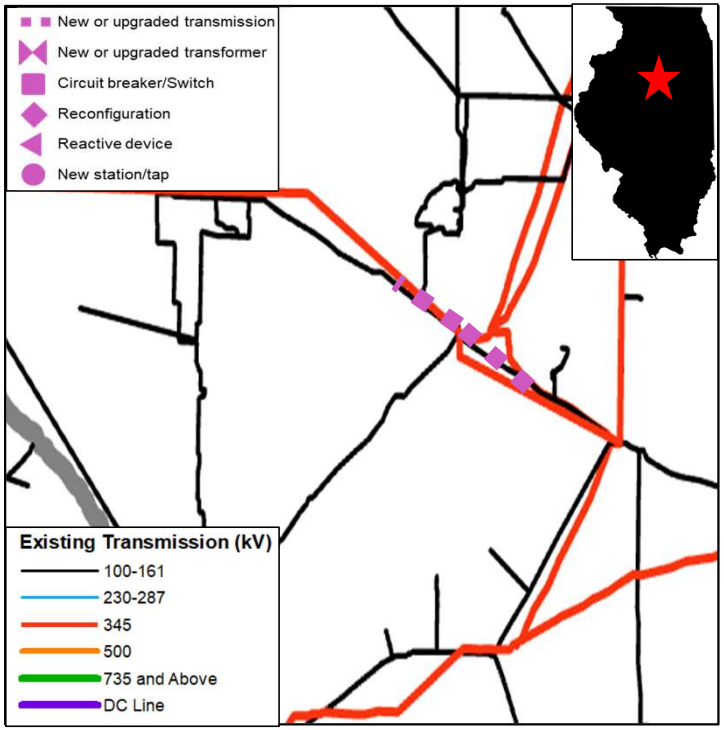


Project #	50735
Project Name	New RECC Load Addition at Mogul 345 kV substation (Phase 2)
Project Type	Other, Load Growth
Project Description	Add position at Mogul 345 kV for 300 MW load addition
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$13.2 M
Expected ISD	12/1/2028
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 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
  - An additional BRP was required
- 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

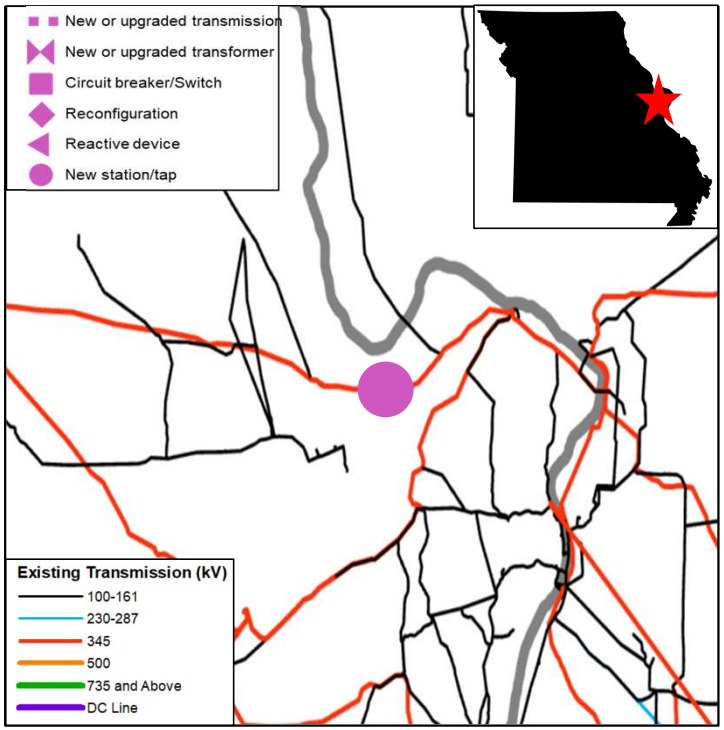
New MTEP26 BRP project (50735)



Project #	50633
Project Name	Rebuilds on 138 kV from Diamond Core Load Addition (RECC Territory)
Project Type	BRP
Project Description	Rebuild Towerline-San Jose Rail-1625, Austin-Yvonne-1545, and Yvonne-Taylorville South-1601 138 kV lines, 2000 Amps minimum continuous capability.
System Need	Load Growth
Current Cost	$50.3 M
Expected ISD	12/1/2027
Target Appendix	A in MTEP26

[AMMO] Increment Hayford 345 kV Load Addition

AMMO: Increment Hayford 345 kV Load Addition



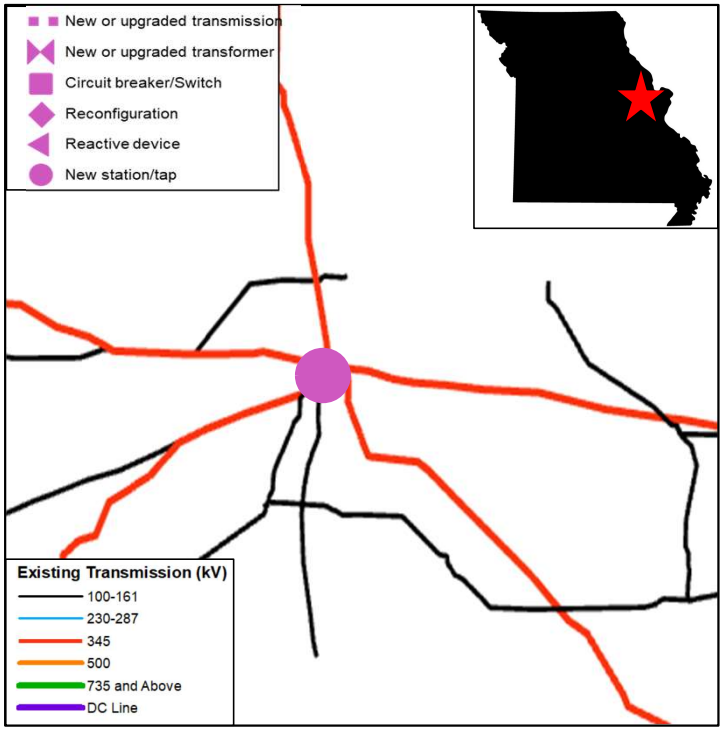
Project #	50697
Project Name	Increment Hayford 345 kV Load Addition
Project Type	Other, Load Growth
Project Description	Hayford connection to Belleau-Graus 345 kV line for customer load addition. Additional 510 MW of load incremented on the Hayford Substation
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$8 M
Expected ISD	12/1/2030
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 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
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[AMMO] Temporary Tap at Montgomery 345 kV Substation

AMMO: Temporary Tap at Montgomery 345 kV Substation



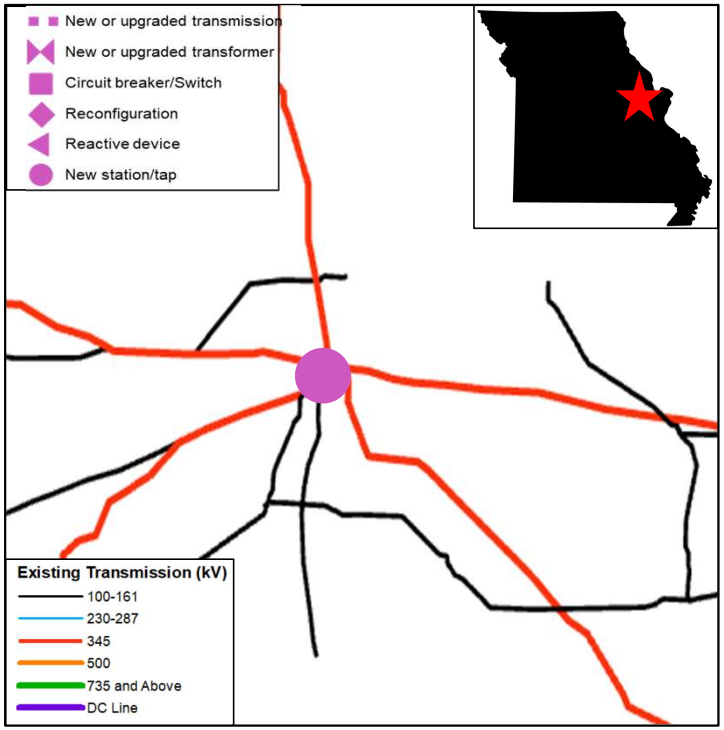
Project #	50741
Project Name	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)
Project Type	Other, Load Growth
Project Description	Construct temporary taps on Montgomery-Lumberjack 345 kV lines to serve 250 MW of customer load. This is temporary until the new Project Elkhorn 345 kV BAAH substation can be built.
System Need	To support serving the load in this area, expected ISD requires 1 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$0.25 M
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 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
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[AMMO] Load Addition at New Elkorn 345 kV Substation

AMMO: Load Addition at New Elkorn 345 kV Substation

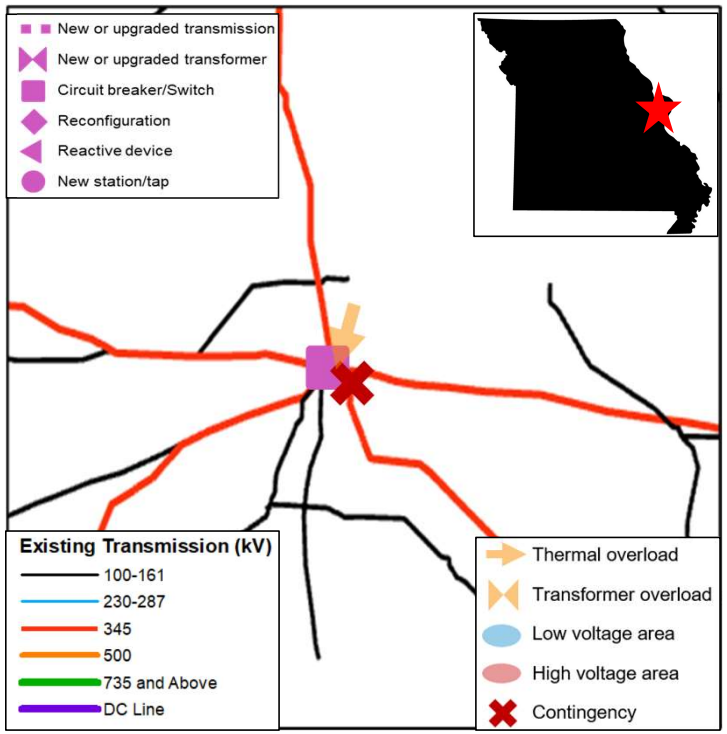


Project #	50737
Project Name	New Load Addition at New Elkhorn 345 kV substation (Elkhorn Phase 2)
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV substation, 12 position ultimate BAAH bus arrangement for the connection of 1000 MW load addition. Construct 3.25 miles 345 kV double circuit line from Lumberjack to split Odyssey-Montgomery 345 kV line.
System Need	To support serving the load in this area, expected ISD requires 3 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$40 M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

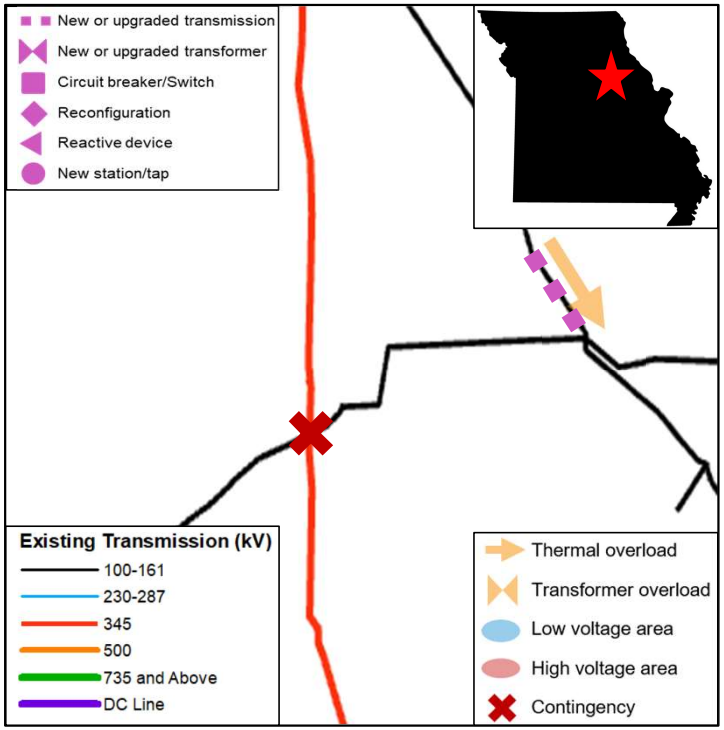
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for review prior to analysis.
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - Two (2) additional CAPs 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

50737 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51113
Project Name	Upgrade Montgomery 345 kV Terminal Equipment
Project Type	BRP
Project Description	Upgrade Montgomery bus/terminal equipment to 4000 A
System Need	P12 and P6 Thermal observations
Current Cost	$5 M
Expected ISD	12/1/2029
Target Appendix	A in MTEP26

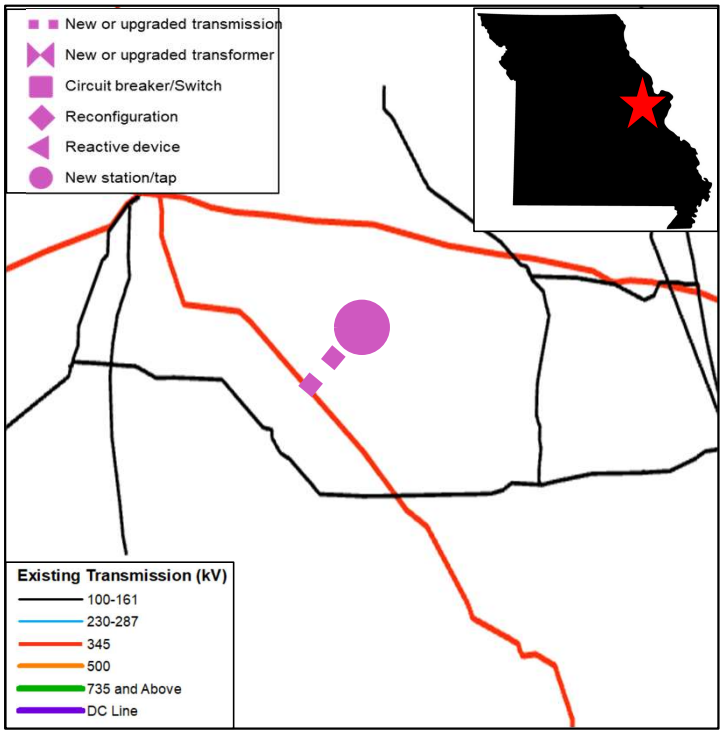
50737 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51114
Project Name	Pike – Peno Creek 161 kV E3X Application
Project Type	BRP
Project Description	Add E3X coating to Pike – Peno Creek 161 kV to increase ampacity
System Need	P12 and P23 thermal observations
Current Cost	$0.8 M
Expected ISD	12/1/2029
Target Appendix	A in MTEP26

[AMMO] New Load Addition at New Yoshi 345 kV substation

AMMO: Load Addition at New Yoshi 345 kV substation



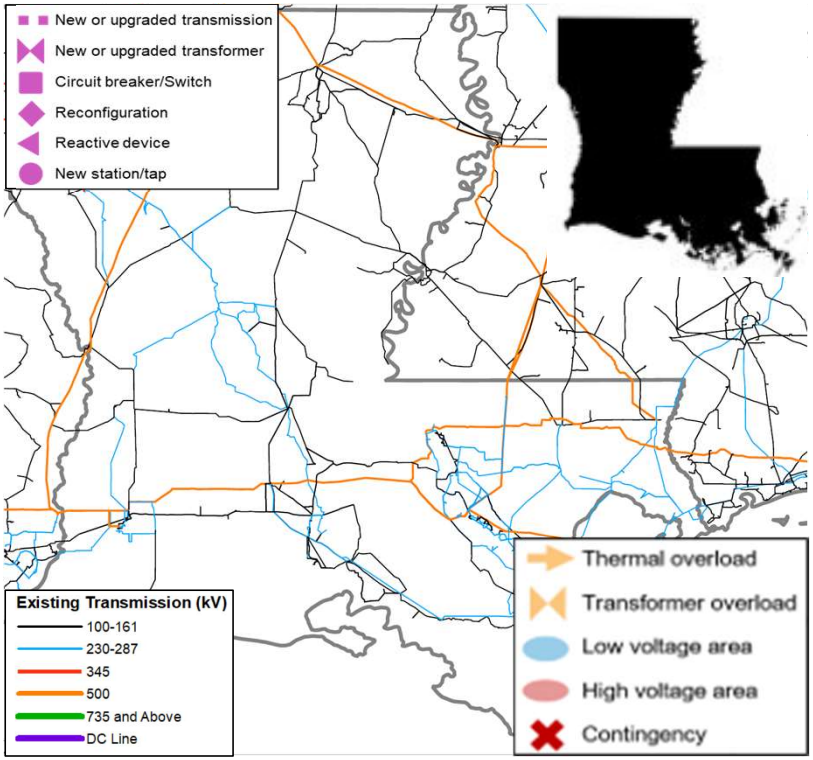
Project #	50738
Project Name	New Load Addition at New Yoshi 345 kV substation
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV substation, 12 position ultimate BAAH bus arrangement for the connection of 400 MW load addition. Construct 20 miles 345 kV double circuit line between Lumberjack/Elkhorn substations and Project Yoshi. Construct 10 miles 345 kV line between Scarlet and Project Yoshi.
System Need	To support serving the load in this area, expected ISD requires 1 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$109 M
Expected ISD	12/31/2027
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 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
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[1803] 1803 – Age and Condition Programs

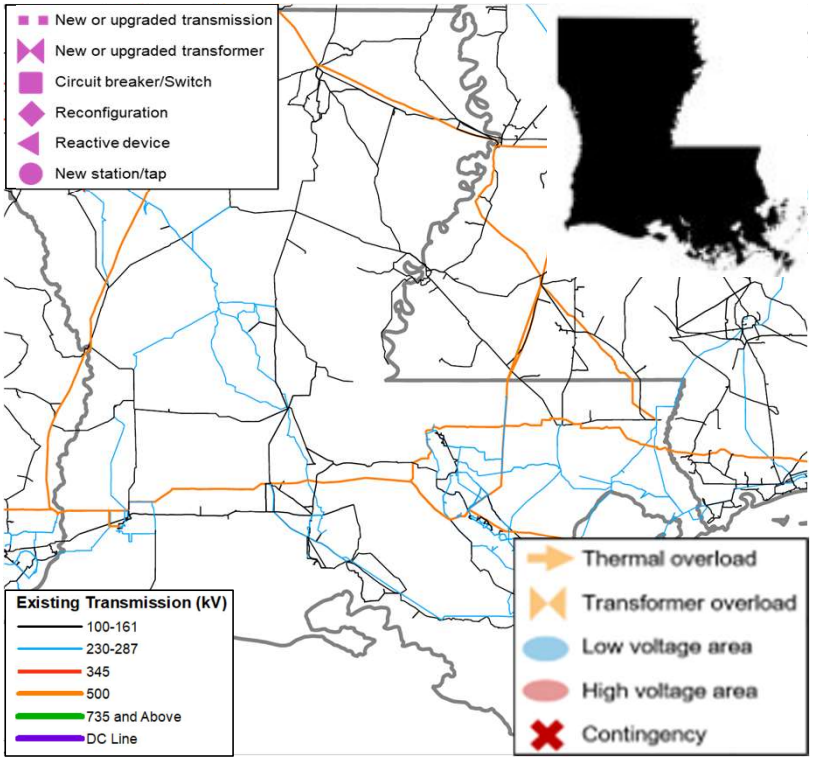
1803 Inc. : 2026 Age and Condition Program



Project #	51058
Project Name	1803 - 2026 Age and Condition Program
Project Type	Other, Age & Condition
Project Description	The 1803 Age and Condition Program prioritizes replacing aged and/or degraded transmission substation assets prioritized on equipment condition assessments. This project covers the execution of this program in 2026 to replace aging equipment such as: arrestors, breakers, switches, motor operated switches, current transformers, potential transformers, communication equipment, protective relays, battery banks, or battery chargers.
System Need	1803 Electric Cooperative, Inc was approved as a MISO TO on June 12, 2025. This EPR request is for the evaluation of a 2025 MTEP "Other/Age and Condition" project for work to be performed during calendar year 2026. Due to expected lead times of BES equipment 1803 requests approval of this project ahead of the MTEP26 cycle.
Current Cost	$6.1 M
Expected ISD	12/31/2026
Target Appendix	A in MTEP26

This is a like for like replacement with no topological change.

1803 Inc. : 2027 Age and Condition Program



Project #	51059
Project Name	1803 - 2027 Age and Condition Program
Project Type	Other, Age & Condition
Project Description	The 1803 Age and Condition Program prioritizes replacing aged and/or degraded transmission substation assets prioritized on equipment condition assessments. This project covers the execution of this program in 2027 to replace aging equipment such as: arrestors, breakers, switches, motor operated switches, current transformers, potential transformers, communication equipment, protective relays, battery banks, or battery chargers.
System Need	1803 Electric Cooperative, Inc was approved as a MISO TO on June 12, 2025. This EPR request is for the evaluation of a 2025 MTEP "Other - Age and Condition" project for work to be performed during calendar year 2027. Due to expected lead times of BES equipment 1803 requests approval of this project ahead of the MTEP26 cycle.
Current Cost	$9.8 M
Expected ISD	12/31/2027
Target Appendix	A in MTEP26

This is a like for like replacement with no topological change.

Contact Information

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MISO
Questions

MTEP26 reliability analysis scope is consistent with previous cycle to ensure compliance with NERC standards

Steady State Analysis	Transient Stability Analysis	Voltage Stability Analysis	Transfer Capability Assessment	Nuclear Plant Assessment	Generator Deliverability Analysis
Contingency analysis for both planning and extreme events	Disturbance analysis for both planning and extreme events	Identify voltage stability limits under a set of transfer scenarios	Evaluate transfer capability of the system under various transfer scenarios	Monitor and identify potential NPIR violations	Determine deliverability of existing network resources
Near and Long term horizons (year 2, 5, 10)	Near and Long term horizons (year 5, 10*)	Near term horizon (year 5)	Near term horizon (year 5)	Near and Long term horizons (year 2, 5,10)	Near and Long term horizons (year 5, 10)
TPL-001-5.1 FAC-014 PRC-023	TPL-001-4 FAC-014 PRC-023	FAC-014 PRC-023	FAC-013 FAC-014 PRC-023	NUC-001 PRC-023	

NERC TPL-001-5.1 establishes contingencies and acceptable mitigation requirements

TPL Category	Description	Acceptable Mitigation		
		BES Level	Physical Upgrade Required?	Load Shed or Redispatch Allowed?
P0	System intact	EHV, HV	Yes	No
P1	Single contingency (Fault of a shunt device- fixed, switched or SVC/STATCOM is new)	EHV, HV	Yes	No
P2	Single event which may result in multiple element outage. Open line w/o fault, bus section fault, internal breaker fault	EHV HV	Yes No	No Yes
P3	Loss of generator unit followed by system adjustments + P1. No load shed is allowed	EHV, HV	Yes	Yes
P4	Fault + stuck breaker events	EHV HV	Yes No	No Yes
P5	Fault + relay failure to operate (new)	EHV HV	Yes No	No Yes
P6	Two overlapping singles (not generator)	EHV, HV	No	Yes
P7	Common tower outages; loss of bipolar DC	EHV, HV	No	Yes

EPR Statistics Update

Expedited Project Review Technical Studies Task Force

(EPR-TSTF)

November 4, 2025

Purpose and Key Takeaways

Purpose: Provide members updated EPR statistics from the cycle process

Key Takeaways:

- Two(2) of the Five(5) June 2025 Cycle projects have been approved. One(1) project has completed mitigation discussions. Two(2) are still under study.
- Five(5) of the fifteen(15) August 2025 Cycle EPRs have been approved, Six(6) have completed mitigation discussions. Four(4) are still under study.
- Two(2) of the Twenty-three(23) October 2025 Cycle EPRs have completed mitigation discussions.

MISO continues to actively coordinate with the submitters and impacted entities on the June 2025 Cycle project under study.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Under Study
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Under Study
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	EPR-TSTF Nov 4
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO		Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Under Study
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	EPR-TSTF Nov 4
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	Under Study
August 2025	50737	Customer Load at Project Elkhorn 345 kV	Central	AMMO	1000	EPR-TSTF Nov 4
August 2025	50738	Customer Load at Project Yoshi 345 kV	Central	AMMO	400	EPR-TSTF Nov 4
August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	EPR-TSTF Nov 4

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50735	New RECC Load Addition at Mogul 345 kV substation (Phase 2)	Central	AMIL	300	EPR-TSTF Nov 4
August 2025	50741	New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)	Central	AMMO	42	EPR-TSTF Nov 4
August 2025	50740	Indian Bayou 230 kV Station	South	EES	160	Under Study
August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Under Study
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

MISO received 23 EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	50779	Riddle 230 kV Station and Line Upgrade	South	EES	300	Under Study
October 2025	50780	West Glencoe	West	GRE	40	Under Study
October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	Under Study
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		Under Study
October 2025	50797	Grand Tower Foundation Erosion Remediation	Central	CECT		Under Study
October 2025	50885	Project CADC 138 kV Ring bus	Central	AMIL	90	Under Study
October 2025	50887	Project Rock - Bluffside 345 kV Ring Bus	Central	AMIL	350	Withdrawn
October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Under Study

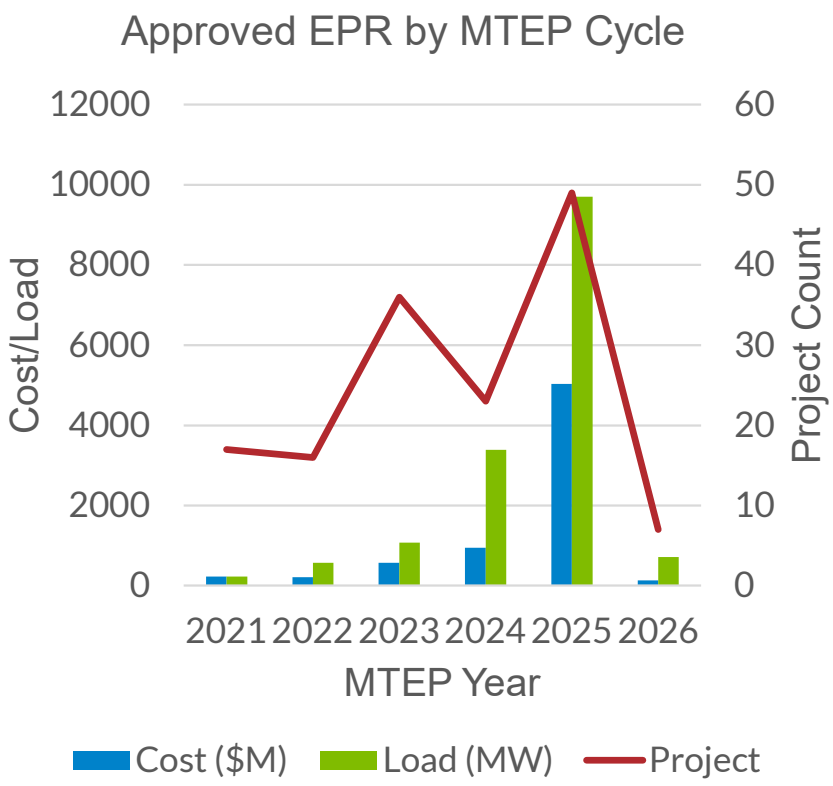
MISO received 23 EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Under Study
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Under Study
October 2025	51079	Project Raider Load	Central	SIGE	600	Under Study
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	Under Study
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	Under Study
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Under Study
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Under Study
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Under Study

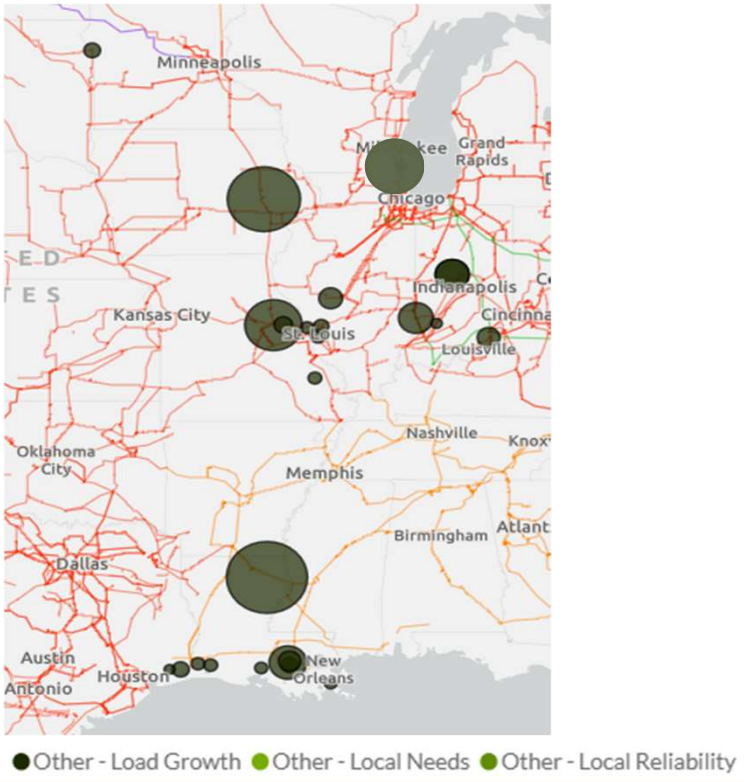
MISO received 23 EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Under Study
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Under Study
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		EPR-TSTF Nov 4
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		EPR-TSTF Nov 4
October 2025	51063	ANGIE 230/69KV SUBSTATION - 230KV LINE BREAKER ADDITIONS	South	LAGT		Under Study
October 2025	51064	HOLTON 115/69KV SUBSTATION - 115KV LINE BREAKER AND 69KV BUS TIE BREAKER ADDITIONS	South	LAGT		Under Study
October 2025	51065	TALISHEEK 230KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION	South	LAGT		Under Study
October 2025	51070	EAST MANDEVILLE 230/69KV SUBSTATION	South	LAGT		Under Study

Large Load Interconnection projects have increasingly utilized the Expedited Project Review (EPR) requests process over the last two years throughout the entire MISO footprint.



Approved Spot Load Projects MTEP25



Data collected as of 10/29/2025





Questions?

Expedited Project Review Results and Recommendation

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

December 02, 2025

Purpose and Key Takeaways

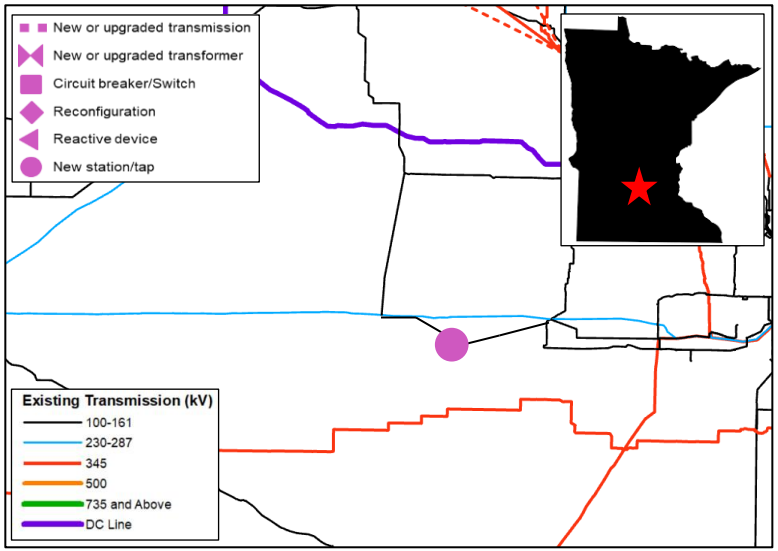
Purpose: Review results and provide MISO's recommendation for EPRs which have completed mitigation discussions

Key Takeaways:

- Eleven (11) EPRs have completed analysis and mitigation representing 2,350 MW of new spot load and other reliability concerns
  - Central region representing 8 projects for review
  - West region representing 3 projects for review
- MISO recommends the projects move to MTEP26/Appendix A after the PAC comment period.

[GRE] West Glencoe

GRE: West Glencoe



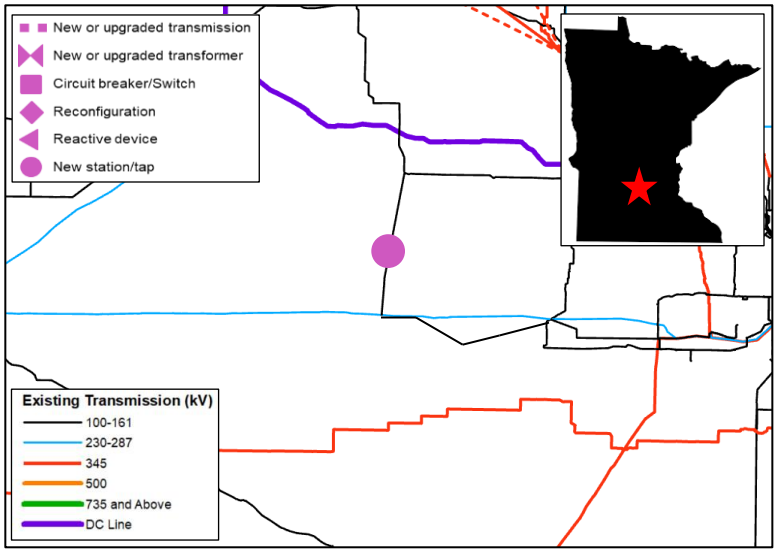
Project #	50780
Project Name	West Glencoe
Project Type	Other, Load Growth
Project Description	Add new Glencoe Light & Power (GLP) substation to serve a 40 MW load. The new substation will tap the existing McLeod-Armstrong 115kv line. Add 40 MVAr of capacitance to address N-1-1 low voltage concerns.
System Need	This project is needed due to a new load that has a proposed in-service date of Spring of 2026. GLP determined that, due to the size and location of the new load, a new substation needs to be built. Studies determined the need for additional capacitance.
Current Cost	$6.5 M
Expected ISD	10/31/2026
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 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
  - Zero (0) new TPL violations or worsened reliability issues were identified
- No neighboring entities were impacted based on the analysis results.

[MRES] New Load on Existing HUC Plant 2 69 kV sub

MRES: New Load on Existing HUC Plant 2 69 kV sub



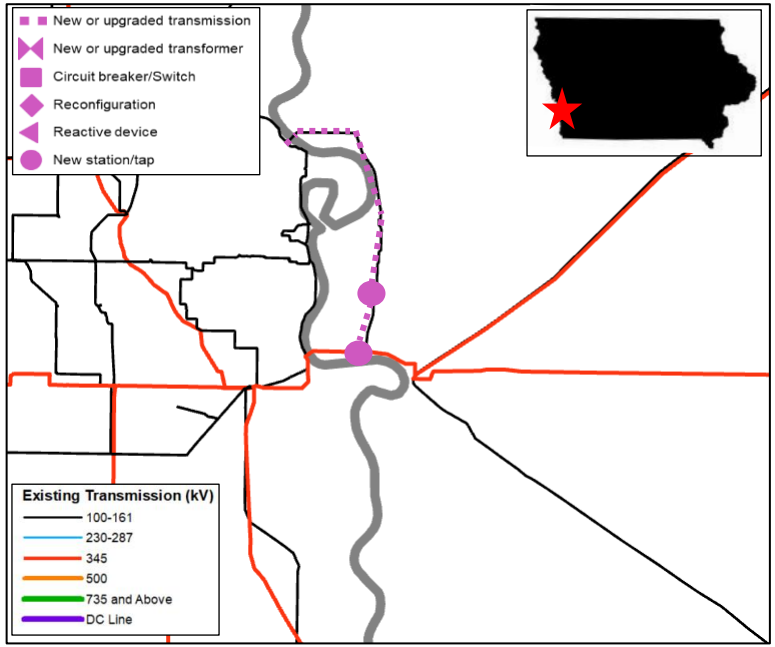
Project #	51086
Project Name	New Load on Existing HUC Plant 2 69 kV sub
Project Type	Other, Load Growth
Project Description	Add new 20 MW data center load to existing sub.
System Need	Meet customer's desired in service of Fall 2026.
Current Cost	$0 M
Expected ISD	11/30/2026
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

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[MEC] Indian Creek West 161 kV Substation & Associated Upgrades

MEC: Indian Creek West 161 kV Substation & Associated Upgrades



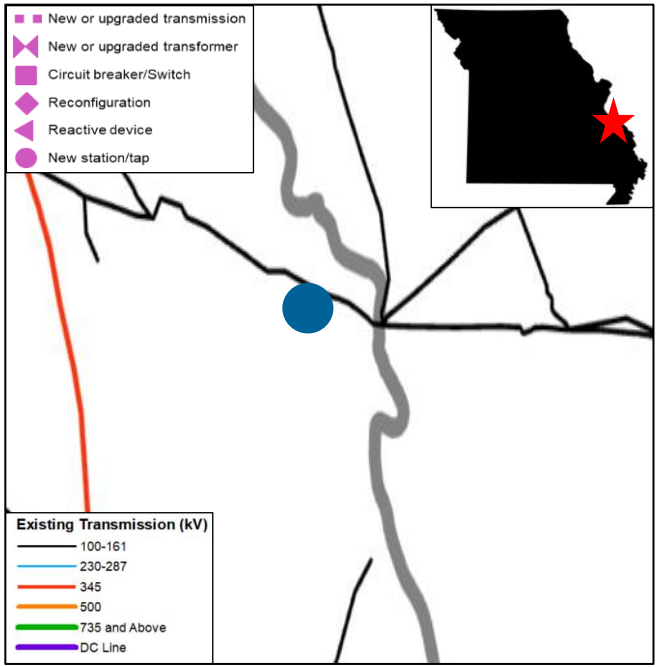
Project #	51087
Project Name	Indian Creek West 161 kV Substation & Associated Upgrades
Project Type	Other, Load Growth
Project Description	Construct new Indian Creek West Substation to serve new 200 MW customer load. Bisect the Indian Creek East-Manawa 161 kV line and bring line taps into Indian Creek West Substation. Construct the new Fox Run 345-161 kV Substation (includes 345-161 kV transformer), which will bisect the CBEC – S3456 345 kV line and the CBEC – S1206 161 kV line. Construct a new 161 kV line from Fox Run Substation to Indian Creek West Substation. Rebuild the Sub 701 – S1211 161 kV line and replace terminal equipment at each substation.
System Need	Serve Load
Current Cost	$103.1 M
Expected ISD	7/1/2029
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 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
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- No neighboring entities were impacted based on the analysis results.

[CECT] Repair Wittenberg Switching Station Access Road

CECT: Repair Wittenberg Switching Station Access Road

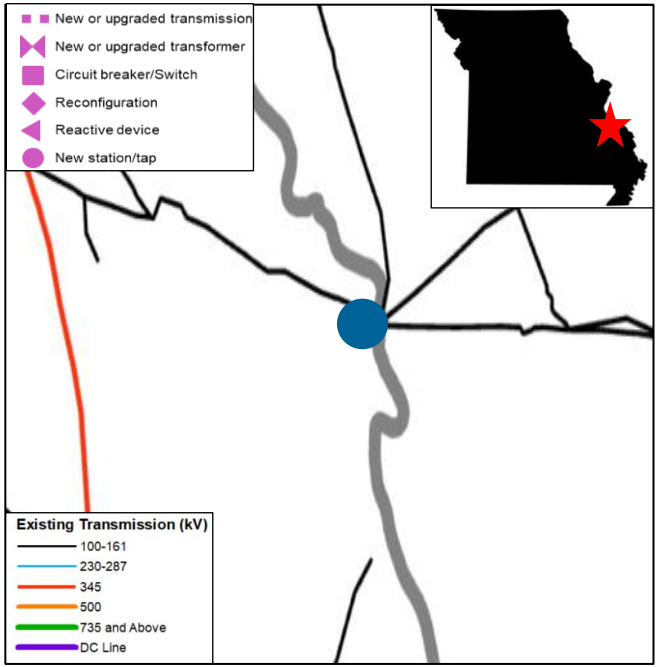


Project #	50796
Project Name	Repair Wittenberg 138 kV Switching Station Access Road
Project Type	Other, Age and Condition
Project Description	Temporary repairs to keep the existing road in a condition to allow emergency access and assess permanent repairs. This will consist of either repairing the existing access road or constructing a new access road in a different location.
System Need	The existing access road into the Wittenberg Switching Station has experience a severe slope failure resulting in limited accessibility to the substation.
Current Cost	$1.5 M
Expected ISD	6/1/2026
Target Appendix	A in MTEP26

This project has no topological change.

[CECT] Remediate Grand Tower 138 kV Foundation Erosion

CECT: Remediate Grand Tower 138 kV Foundation Erosion

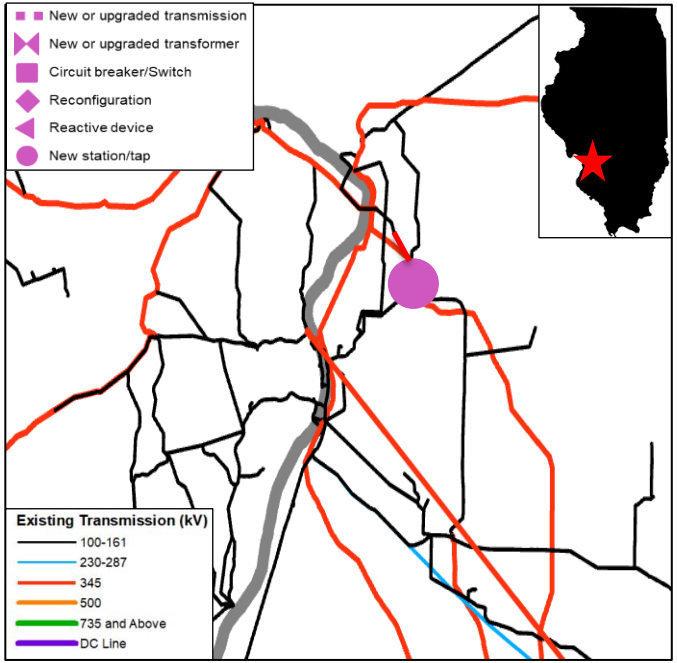


Project #	50797
Project Name	Remediate Grand Tower 138 kV Foundation Erosion
Project Type	Other, Age and Condition
Project Description	CEC proposes civil and structure analysis along with mitigation repairs to address soil erosion issues at an existing lattice tower structure. This structure supports the existing Grand Tower to Wittenberg 138 kV line as the line crosses the Mississippi River near the Grand Tower substation.
System Need	Higher-than-normal river levels recently causing erosion activities around the foundations of the existing lattice tower.
Current Cost	$1.5 M
Expected ISD	5/1/2026
Target Appendix	A in MTEP26

This project has no topological change.

[AMIL] New Load Addition at New Truett 345 kV substation

AMIL: Load Addition at New Truett 345 kV substation

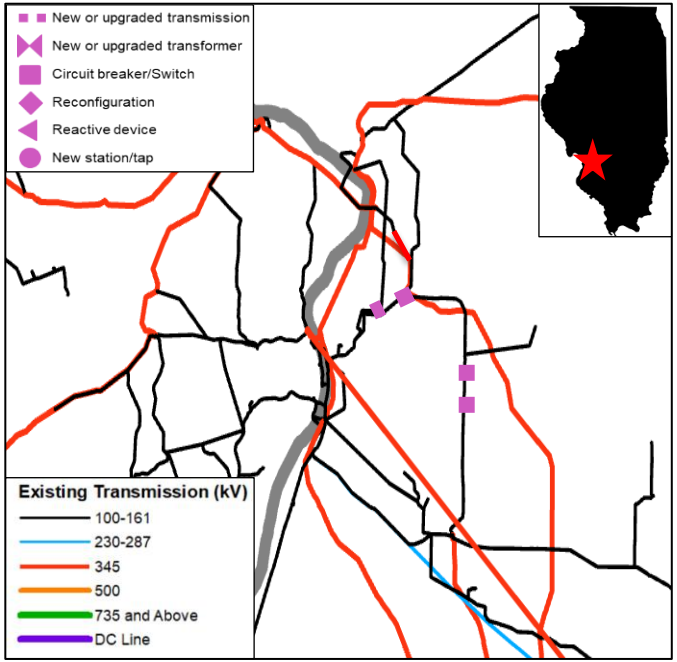


Project #	50734
Project Name	New Load Addition at New Truett 345 kV Substation
Project Type	Other, Load Growth
Project Description	Construct a new 345 kV substation, 8 position ultimate BAAH bus arrangement for the connection of 1000 MW load addition at Pontoon Beach, IL.
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$102.2 M
Expected ISD	12/1/2028
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 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
  - One (1) additional CAP was 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

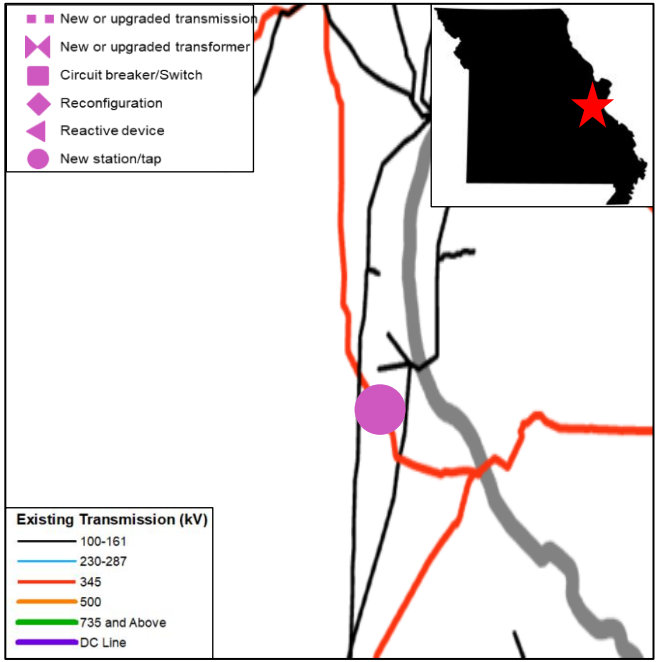
50734 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51121
Project Name	Reconductor Stallings-Canteen 138 kV and Kren-Porter Road 138 kV Lines
Project Type	BRP
Project Description	Increase rating to 2000 A for Stallings-Canteen 138 kV and Kren-PorterRoad 138 kV Lines
System Need	P6 Thermal Observations
Current Cost	$2 M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

[AMMO] New Load Addition at New Project Point 345 kV Substation

AMMO: Load Addition at New Project Point 345 kV Substation



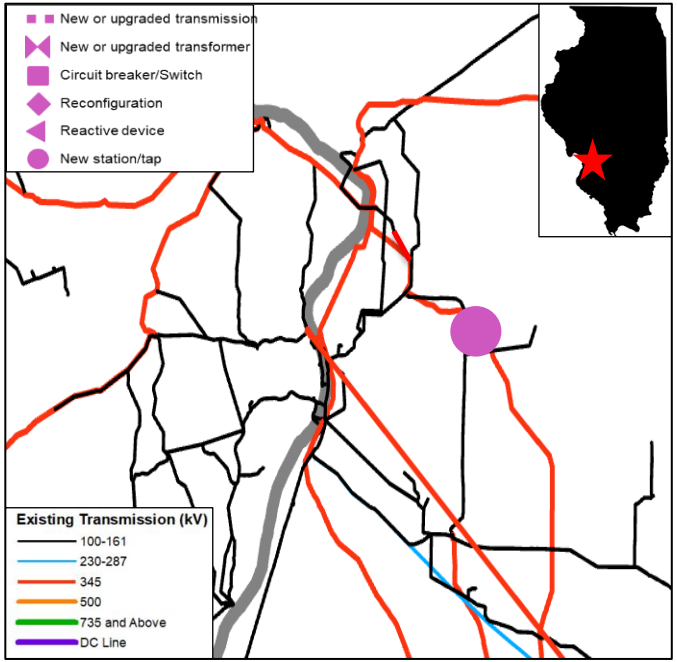
Project #	50791
Project Name	New Project Point 345 kV BAAH substation
Project Type	Other, Load Growth
Project Description	Construct a new 8 position, 345kV BAAH switching station south of Joachim substation and route the following 2 345kV lines into this new switching station: Rush Island-Joacihm-2 and Rush Island-Tyson-5668 for 1000 MW load addition.
System Need	To support serving the load in this area, expected ISD requires 3 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$98.8 M
Expected ISD	12/1/2029
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 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
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- No neighboring entities were impacted based on the analysis results.

[AMIL] New Load Addition at New CADC 138 kV Ring bus

AMIL: Load Addition at New CADC 138 kV Ring bus

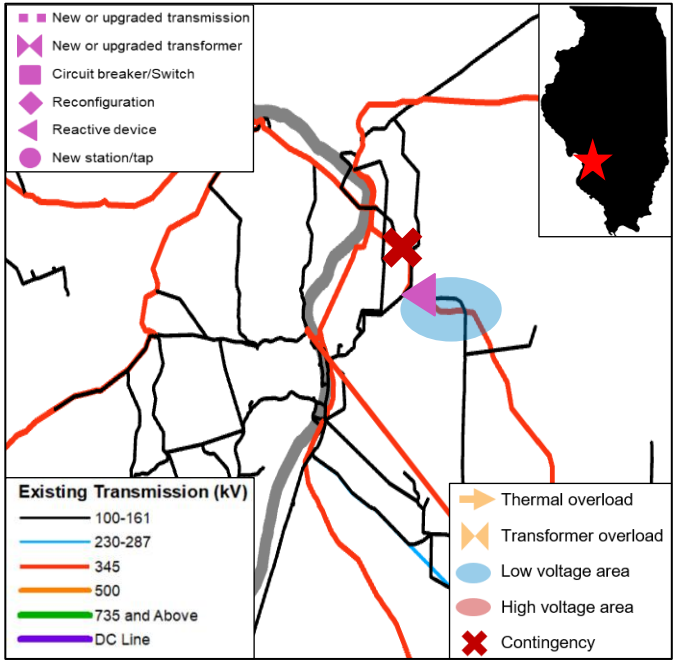


Project #	50885
Project Name	New Load Addition at New CADC 138 kV Ring bus
Project Type	Other, Load Growth
Project Description	Construct a new 138 kV ring bus for the connection of Project CADC 90 MW load addition
System Need	To support serving the load in this area, expected ISD requires 2 years for Engineering, Procurement, and Legislature approval prior to normal MTEP26 timeline.
Current Cost	$24.1 M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

Models, Reliability Analysis, and Neighbor Coordination

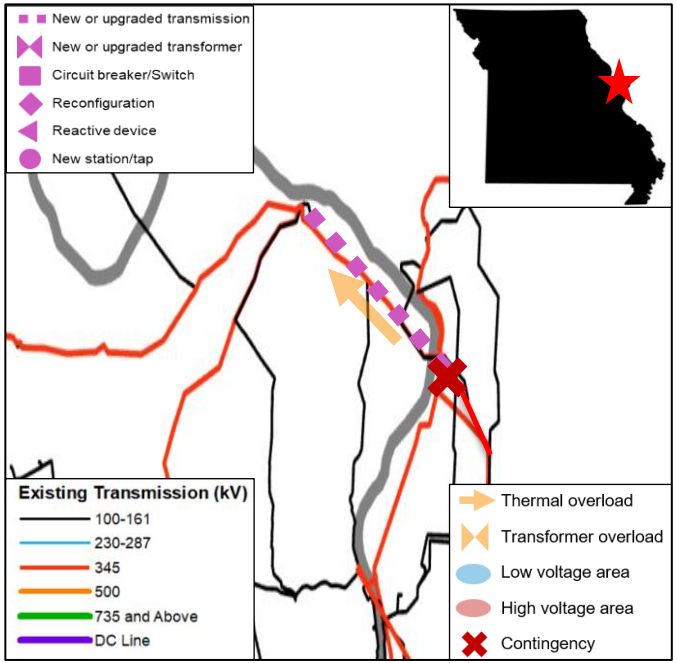
- The EPR was applied to all applicable MTEP models based on the In-Service Date. Models were posted for review prior to analysis.
- MISO performed TPL-001-5.1 no-harm analysis utilizing n-1 and n-1-1 contingencies centered around the point of interconnection of the EPR
  - Results were posted for impacted entity feedback
  - Two (2) additional CAPs was 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

50885 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51123
Project Name	New 300 MVAR Cap Bank at Truett 345 kV Substation
Project Type	BRP
Project Description	Add 300 MVAR Cap Bank at Truett 345 kV Substation
System Need	P6 Voltage Observations
Current Cost	$12 M
Expected ISD	12/1/2028
Target Appendix	A in MTEP26

50885 Corrective Action Plan (CAP)
New MTEP26 BRP project



Project #	51128
Project Name	Upgrade Sioux-Roxford 138 kV Lines
Project Type	BRP
Project Description	Increase ampacity of both Sioux-Roxford-6704 & Sioux-Roxford-6700 138 kV lines to 1600 A minimum ampacity.
System Need	P3 and P6 Thermal Observations
Current Cost	$8 M
Expected ISD	12/1/2029
Target Appendix	A in MTEP26

Contact Information

EPR Team

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Questions

MTEP26 reliability analysis scope is consistent with previous cycle to ensure compliance with NERC standards

Steady State Analysis	Transient Stability Analysis	Voltage Stability Analysis	Transfer Capability Assessment	Nuclear Plant Assessment	Generator Deliverability Analysis
Contingency analysis for both planning and extreme events	Disturbance analysis for both planning and extreme events	Identify voltage stability limits under a set of transfer scenarios	Evaluate transfer capability of the system under various transfer scenarios	Monitor and identify potential NPIR violations	Determine deliverability of existing network resources
Near and Long term horizons (year 2, 5, 10)	Near and Long term horizons (year 5, 10*)	Near term horizon (year 5)	Near term horizon (year 5)	Near and Long term horizons (year 2, 5,10)	Near and Long term horizons (year 5, 10)
TPL-001-5.1 FAC-014 PRC-023	TPL-001-4 FAC-014 PRC-023	FAC-014 PRC-023	FAC-013 FAC-014 PRC-023	NUC-001 PRC-023	

NERC TPL-001-5.1 establishes contingencies and acceptable mitigation requirements

TPL Category	Description	Acceptable Mitigation		
		BES Level	Physical Upgrade Required?	Load Shed or Redispatch Allowed?
P0	System intact	EHV, HV	Yes	No
P1	Single contingency (Fault of a shunt device- fixed, switched or SVC/STATCOM is new)	EHV, HV	Yes	No
P2	Single event which may result in multiple element outage. Open line w/o fault, bus section fault, internal breaker fault	EHV HV	Yes No	No Yes
P3	Loss of generator unit followed by system adjustments + P1. No load shed is allowed	EHV, HV	Yes	Yes
P4	Fault + stuck breaker events	EHV HV	Yes No	No Yes
P5	Fault + relay failure to operate (new)	EHV HV	Yes No	No Yes
P6	Two overlapping singles (not generator)	EHV, HV	No	Yes
P7	Common tower outages; loss of bipolar DC	EHV, HV	No	Yes



EPR Statistics Update

Expedited Project Review Technical Studies Task Force

(EPR-TSTF)

November 4, 2025

Purpose and Key Takeaways

Purpose: Provide members updated EPR statistics from the cycle process

Key Takeaways:

- Three (3) of the Five(5) June 2025 Cycle projects have been approved. One(1) is still under study, one(1) has been withdrawn.
- Eleven (111) of the Fifteen(15) August 2025 Cycle EPRs have been approved. One(1) has completed mitigation discussions, three(3) are still under study.
- Two (2) of the Twenty-four(24) August 2025 Cycle EPRs have been approved. Seven(7) have completed mitigation discussions, fourteen(14) are still under study, one(1) has been withdrawn.

MISO continues to actively coordinate with the submitters and impacted entities on the June 2025 Cycle project under study.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
June 2025	50700	New Antioch 345 kV Station and Load	Central	IPL	1200	Under Study
June 2025	50699	New Whispering Pines 345 kV Station and Load	Central	IPL	400	Withdrawn
June 2025	50697	Hayford 345 kV Load Addition	Central	AMMO	510	Approved
June 2025	50695	New Hayford 345 kV Substation	Central	AMMO	420	Approved
June 2025	50696	Huster-McClay 138 kV line tap	Central	AMMO	70	Approved

MISO received fifteen (15) EPRs for the August 2025 cycle representing 5780 MW of load. As part of the cycle, MISO added 5400 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
August 2025	50713	Mount Olive to Cargas 500 kV Project and Load Addition	South	EES	1200	Under Study
August 2025	50721	East Kanesville 161 kV Substation & 161 kV Lines	West	MEC	200	Approved
August 2025	50730	Cortland 120 kV Station Expansion	East	ITCT		Approved
August 2025	50733	Project Renew-150 MW load on Venice-Ridge 138 kV line	Central	AMIL	150	Approved
August 2025	50734	Customer Load at New Truett 345 kV Substation	Central	AMIL	1000	EPR-TSTF Dec 2
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August 2025	50736	1 GW Load Addition at Austin 345 kV	Central	AMIL	1000	Approved

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EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
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August 2025	50744	Juban Trails 230 kV Station	South	EES/DEMCO	324	Under Study
August 2025	50747	New Sub- 138kV Fish Lake	South	ETEC	9	Approved
August 2025	50732	Leemon 69 kV Load Addition	Central	CECT	4.6	Approved
August 2025	50746	1803 - 2025 Age and Condition Program	South	1803 ECI		Approved

MISO received 23 EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

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October 2025	50791	Project Point 345 kV BAAH	Central	AMMO	1000	EPR-TSTF Dec 2
October 2025	50796	Wittenberg Switching Station Access Road Repair	Central	CECT		EPR-TSTF Dec 2
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October 2025	50775	Linn County 620 MW Load Addition	West	ITCM	620	Under Study

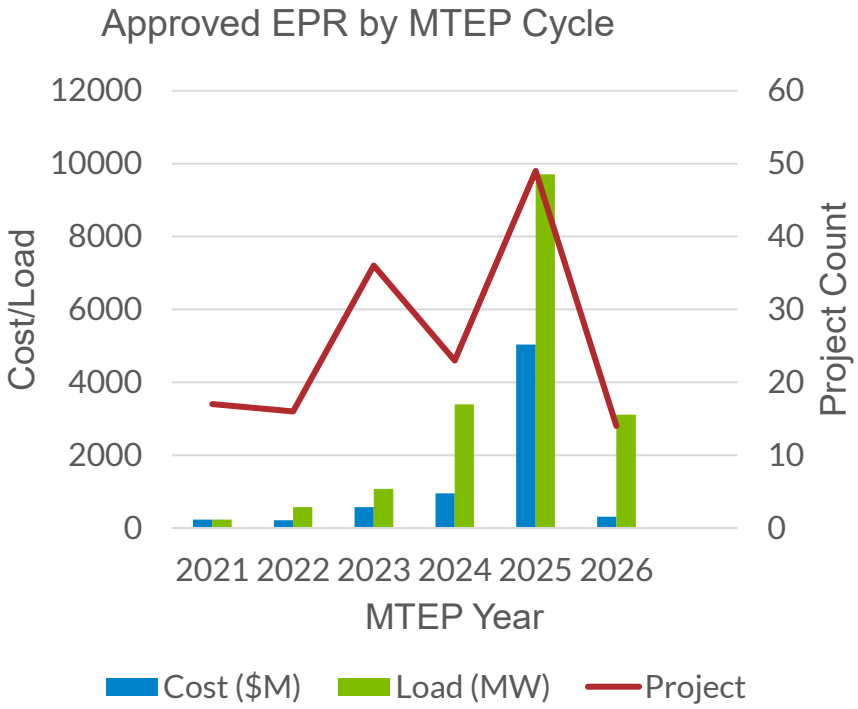
MISO received 23 EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51051	Greensburg New Load	Central	HE	50	Under Study
October 2025	51057	Ozaukee County DIC Project	West	ATC	1300	Under Study
October 2025	51079	Project Raider Load	Central	SIGE	600	Under Study
October 2025	51086	New Load on Existing HUC Plant 2 69 kV sub	West	MRES	20	EPR-TSTF Dec 2
October 2025	51087	Indian Creek West 161 kV Substation & Associated Upgrades	West	MEC	200	EPR-TSTF Dec 2
October 2025	51088	Morgan County Transmission Station and 69 kV Line	Central	HE		Under Study
October 2025	51089	Jennings County Transmission Station and 69 kV Line	Central	HE		Under Study
October 2025	51090	Speed - Northside 138 kV Line and Distribution Station	Central	HE	15	Under Study

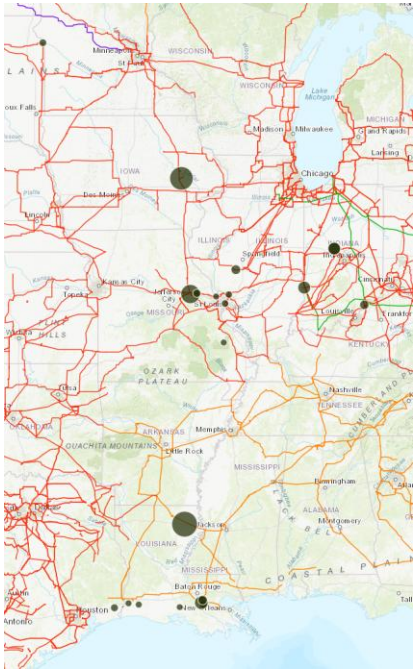
MISO received 23 EPRs for the October 2025 cycle representing 5455 MW of load. As part of the cycle, MISO will add 1820 MW of newly signed GIA generation.

EPR Cycle	Project ID	Project Description	MISO Region	Transmission Owner	Load Value (MW)	Current Status
October 2025	51092	Customer A 138kV	Central	NIPS	260	Under Study
October 2025	51093	Gill 345kV Station and 345kV Lines	Central	HE	960	Under Study
October 2025	51058	1803 – 2026 Age and Condition Program	South	LAGT		Approved
October 2025	51059	1803 – 2027 Age and Condition Program	South	LAGT		Approved
October 2025	51063	ANGIE 230/69KV SUBSTATION - 230KV LINE BREAKER ADDITIONS	South	LAGT		Under Study
October 2025	51064	HOLTON 115/69KV SUBSTATION - 115KV LINE BREAKER AND 69KV BUS TIE BREAKER ADDITIONS	South	LAGT		Under Study
October 2025	51065	TALISHEEK 230KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION	South	LAGT		Under Study
October 2025	51070	EAST MANDEVILLE 230/69KV SUBSTATION	South	LAGT		Under Study

Large Load Interconnection projects have increasingly utilized the Expedited Project Review (EPR) requests process over the last two years throughout the entire MISO footprint.



Approved Spot Load Projects MTEP25/26



Project Type ● Other - Load Growth ● Other - Local Needs ● Other - Local Reliability

Data collected as of 11/25/2025



Questions?