



MTEP26 Reliability Planning Scope Overview

Slide 6 updated 9/2/26

3rd South Subregional Planning Meeting (SSPM3)

Friday, September 4, 2026

Purpose & Key Takeaway

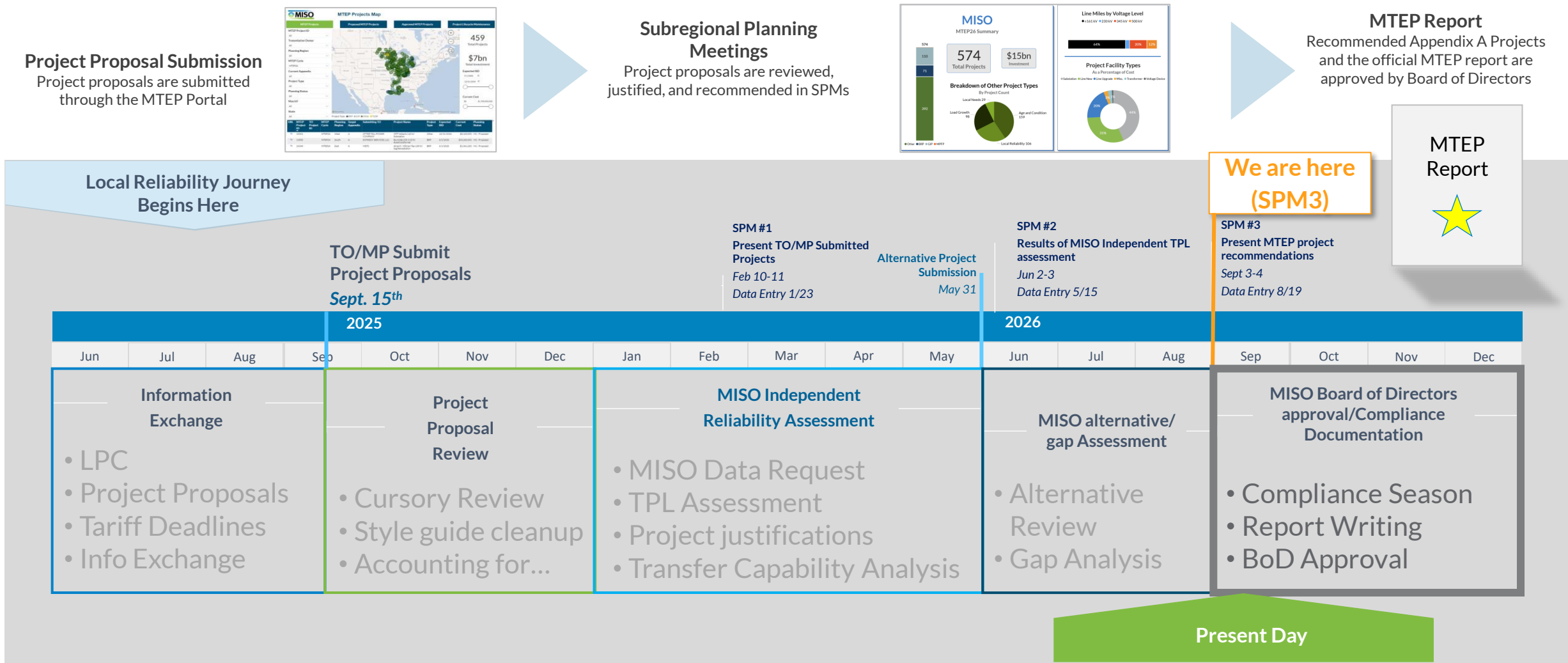
Purpose

Present MISO's final MTEP26 project recommendations for December Board approval

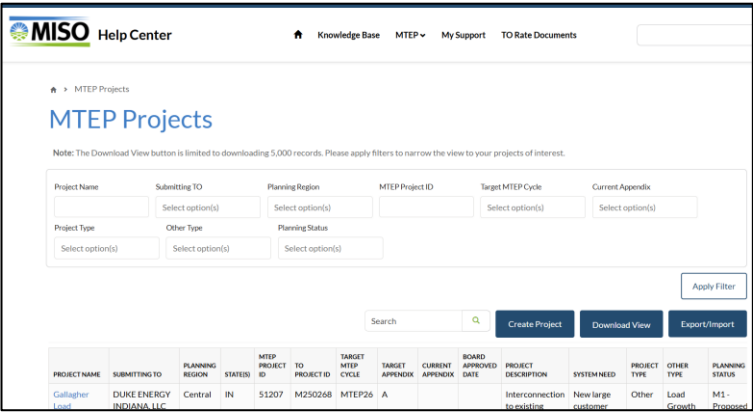
Key Takeaways

- 562 new Appendix A projects are targeted for MTEP26
 - Of those, 103 are proposed in the South region
- Today's focus is to review projects MISO is recommending for MTEP26 Appendix A
- In December, MISO staff will present the recommended MTEP26 Appendix A projects, as well as the report, for Board approval
- The interactive [MTEP Portal](#) was used to gather information and develop SPM materials. All data was pulled on August 19, 2026

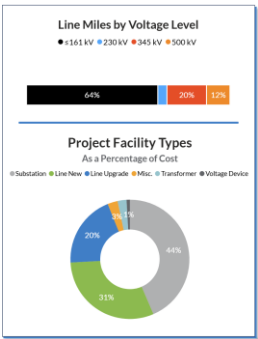
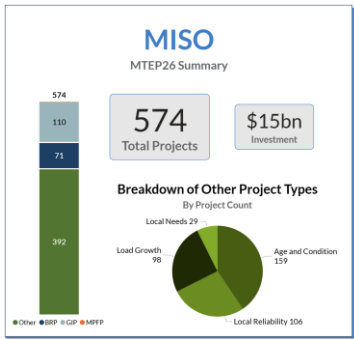
Stakeholder engagement is critical to the planning process and developing MTEPs



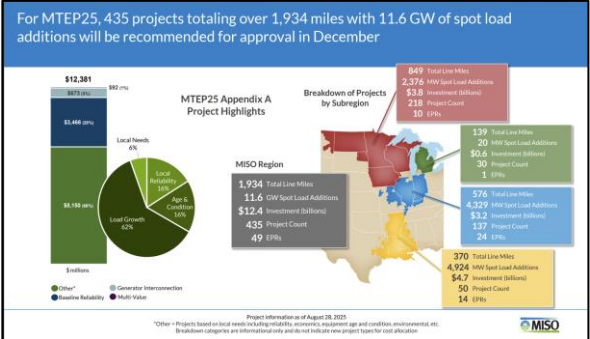
The MTEP Portal houses and drives all data and communication outwardly, reducing the risk of data errors



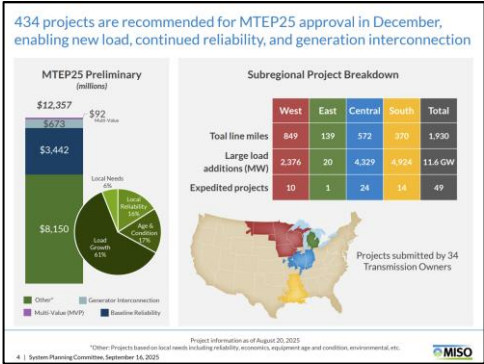
Subregional Planning Meeting (SPM)



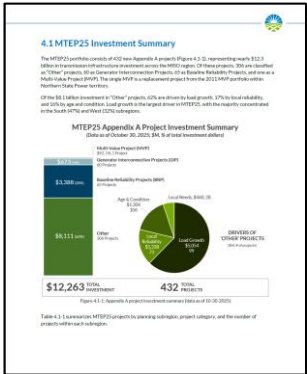
Planning Advisory Committee (PAC)



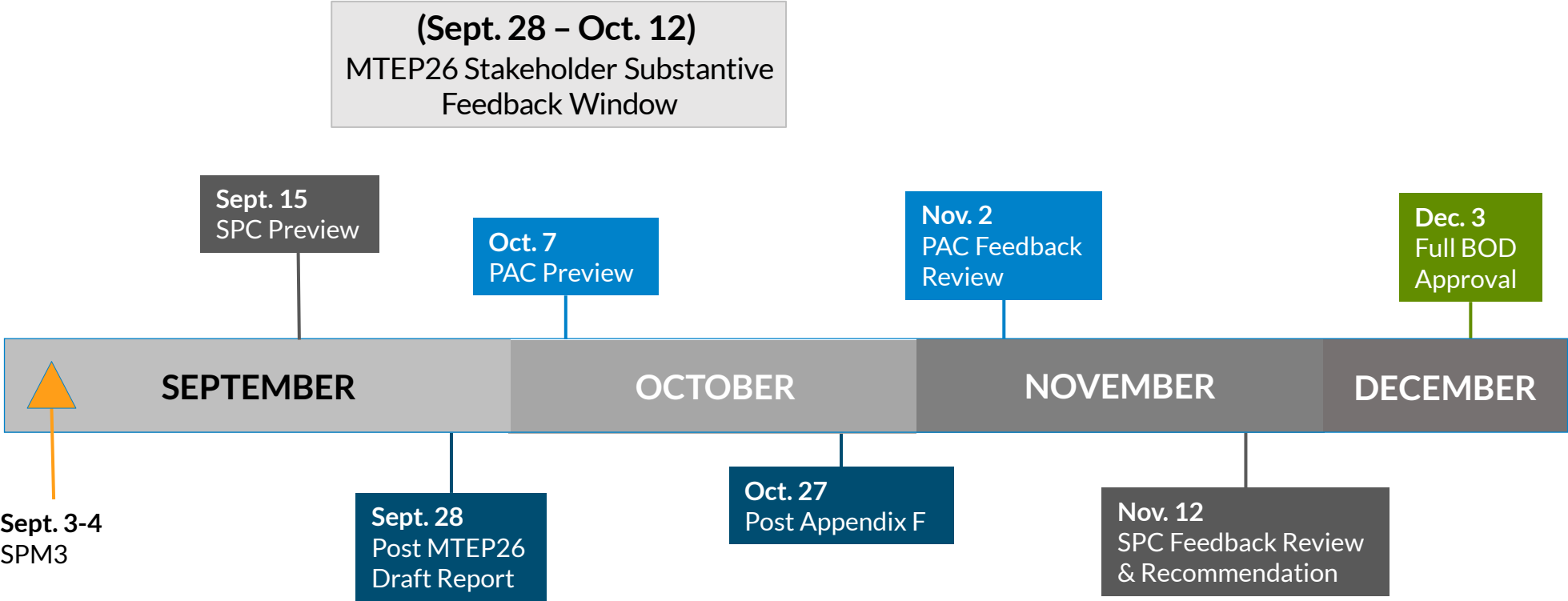
System Planning Committee (SPC)



Official MTEP Report



MTEP26 Report schedule meets the December Board approval deadline



- Planning Advisory Committee
- MTEP Report Public Posting
- System Planning Committee
- Board Final
- Stakeholder Deadlines
- Subregional Planning Meetings (SPM)

MTEP27 Study Scope Development

- Each year, in accordance with Section 2.8.2.1 of the MISO Transmission Planning Business Practice Manual, MISO requests feedback regarding the study scope for the MISO Transmission Expansion Plan (MTEP).
- While the MTEP scope is fixed in part by provisions of the Owners Agreement, Tariff, and Business Practices Manuals, additional study items may be added, as necessary, from cycle-to-cycle.
- In addition to the core MTEP studies, MISO will resume the Long-Range Transmission Planning study under [LRTP Midwest and South](#)
- MISO will continue Interregional Planning efforts including a Coordinated System Planning Study with SPP. The Scope will be set in Q4 2026
- Scope input received in stakeholder forums will be presented for discussion at the Planning Advisory Committee later this fall.

Stakeholder Feedback Request

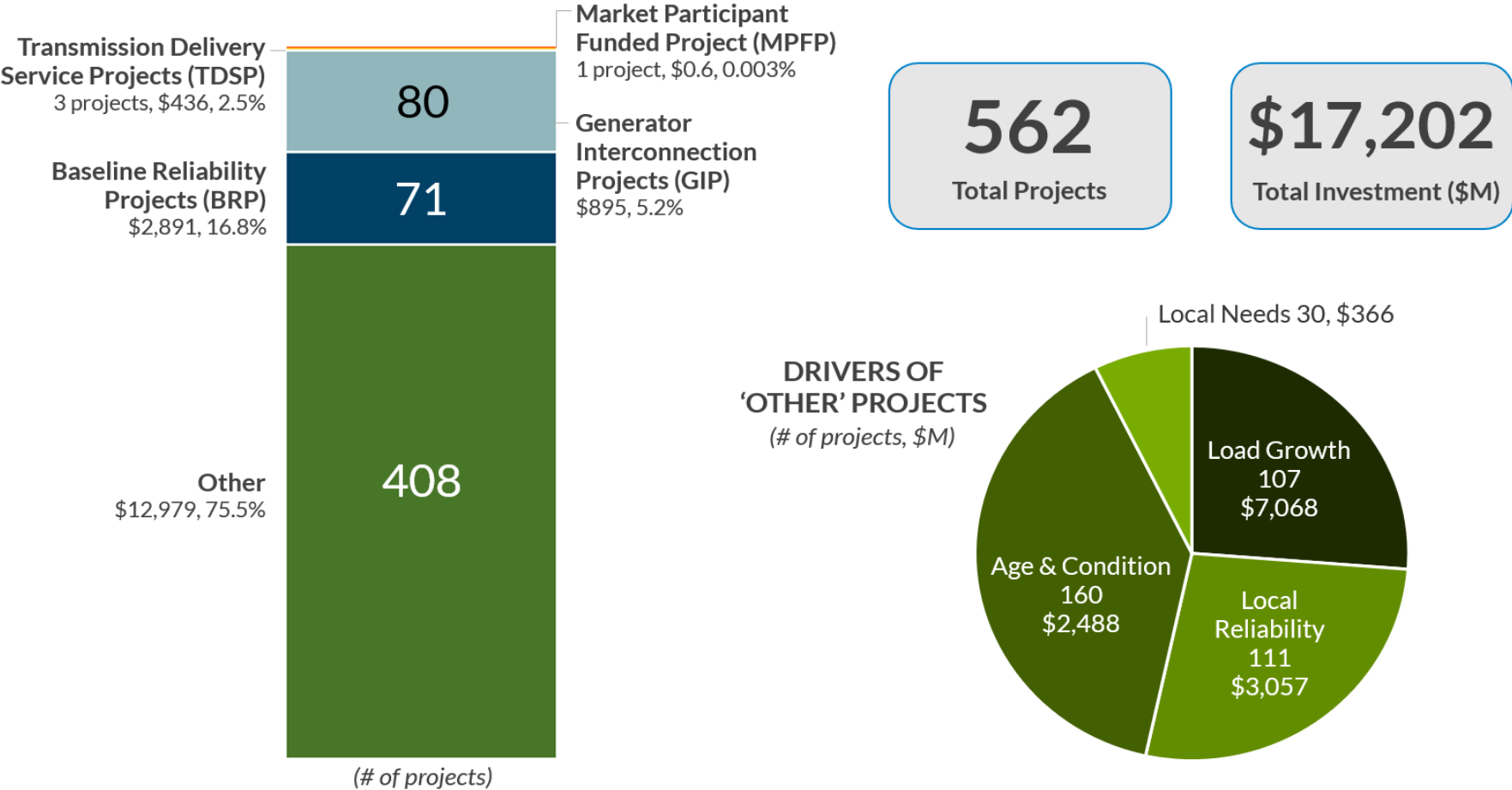
- MISO requests feedback by October 29, 2026, on MTEP27 study scope focus on additional/modified planning study work.
- Feedback requests and responses are managed through the Feedback Tool on the MISO website:
<https://www.misoenergy.org/engage/stakeholder-feedback/2026/psc-mtep27-targeted-study-scope-development-20260722/>
- For comments on MISO's planning policies or processes, use the *Informal Feedback* request on the tool.

MTEP26 Overview

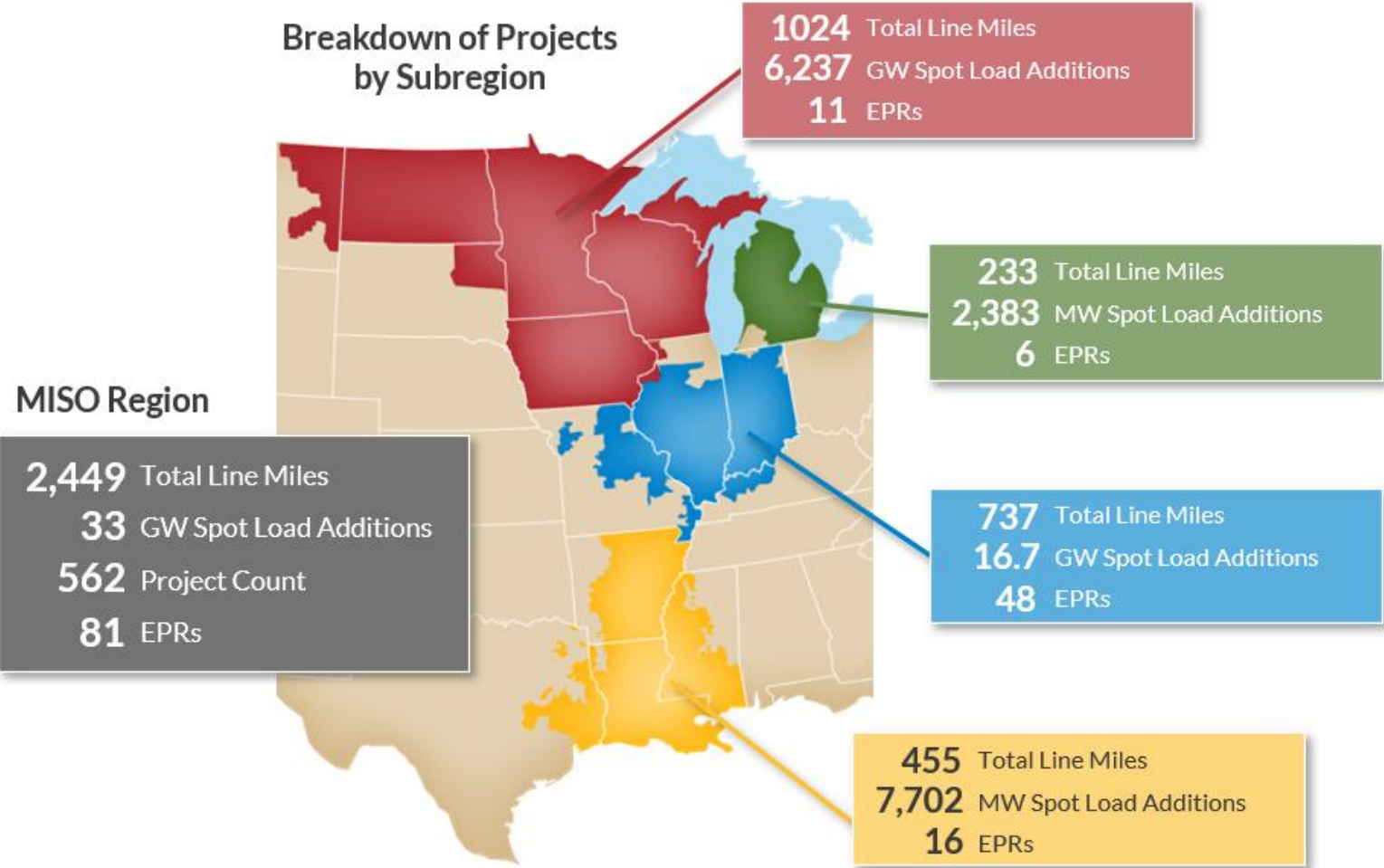
MTEP26 Appendix A consists of 562 projects that are being recommended for Board approval in December

MTEP26 Appendix A Project Portfolio Summary

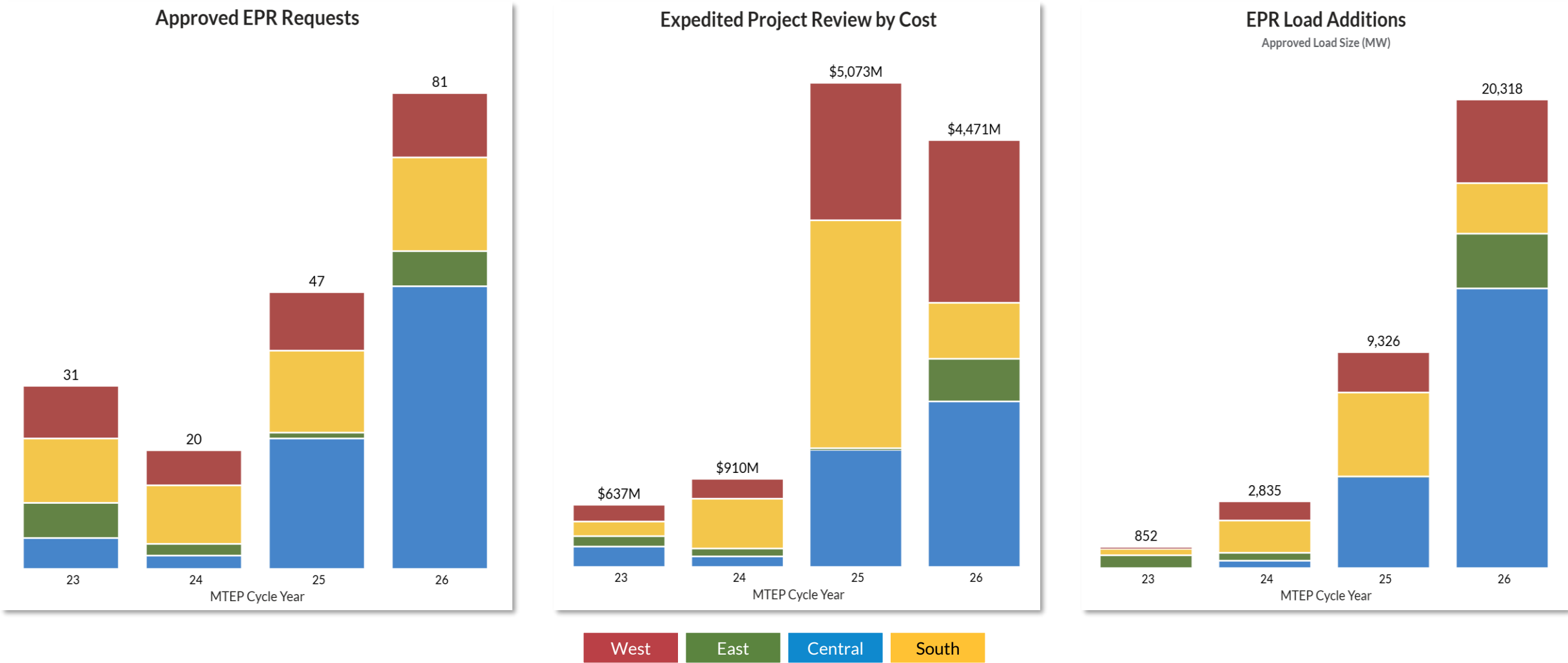
(Data as of August 19, 2026; # of projects, \$M, % of total investment dollars)



MTEP26 Appendix A consists of 562 projects that are being recommended for Board approval in December



Expedited Project Review (EPR) requests continue an upward trend and are driven by load growth

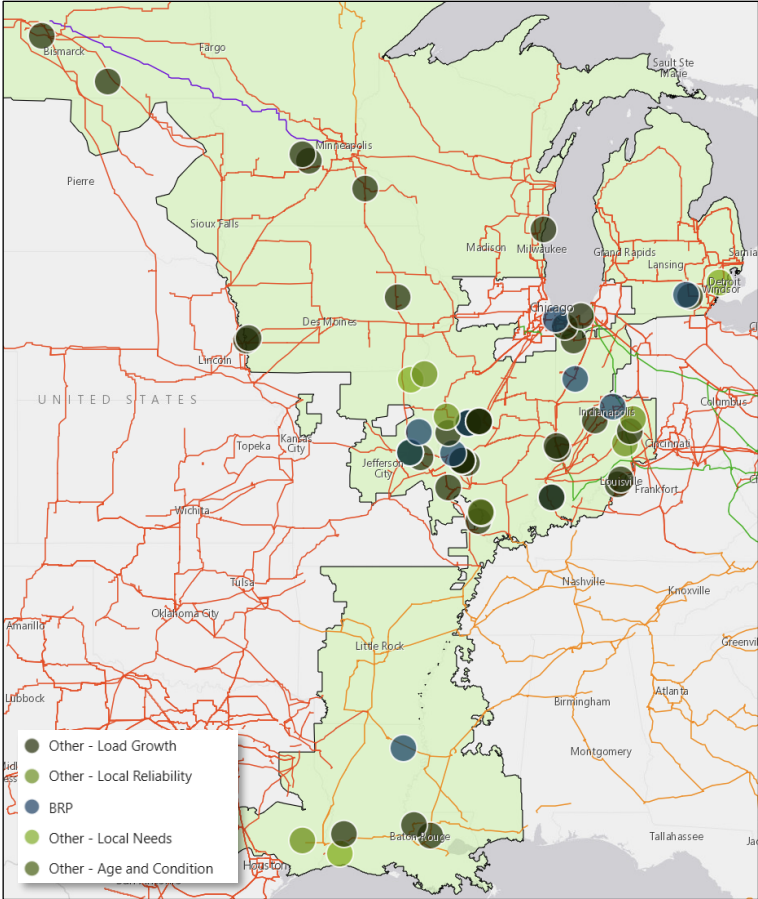


Note: These reflect only approved EPRs as of the August 2026 EPR TSTF meeting; there are additional EPRs still working through the process

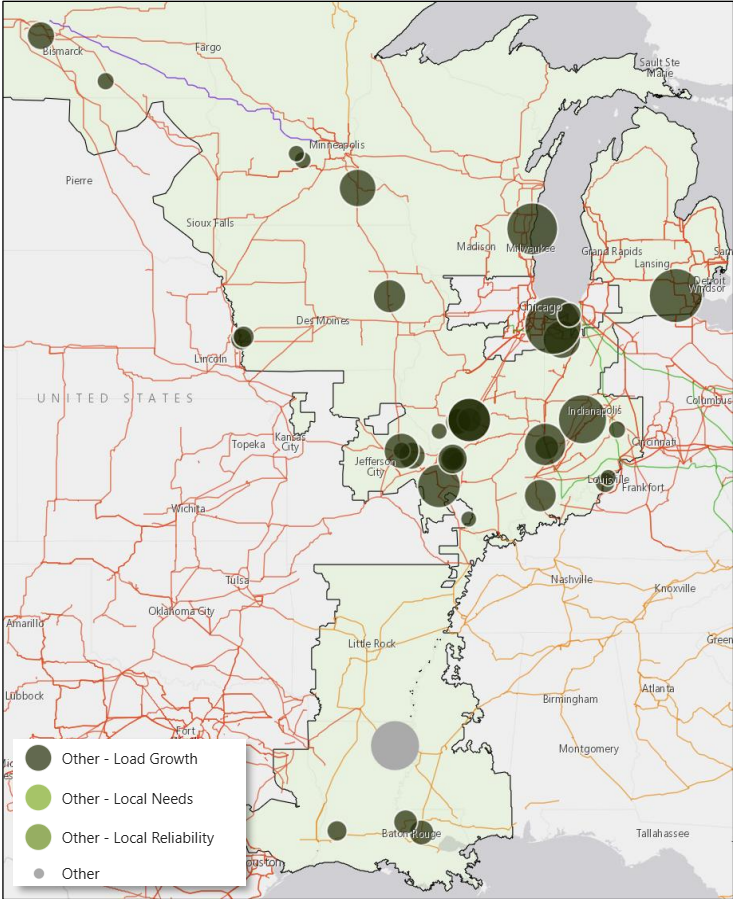
Unlabeled

Expedited Project Reviews requests span the entire MISO footprint

MTEP26 EPR Locations



MTEP26 EPR Spot Load Locations

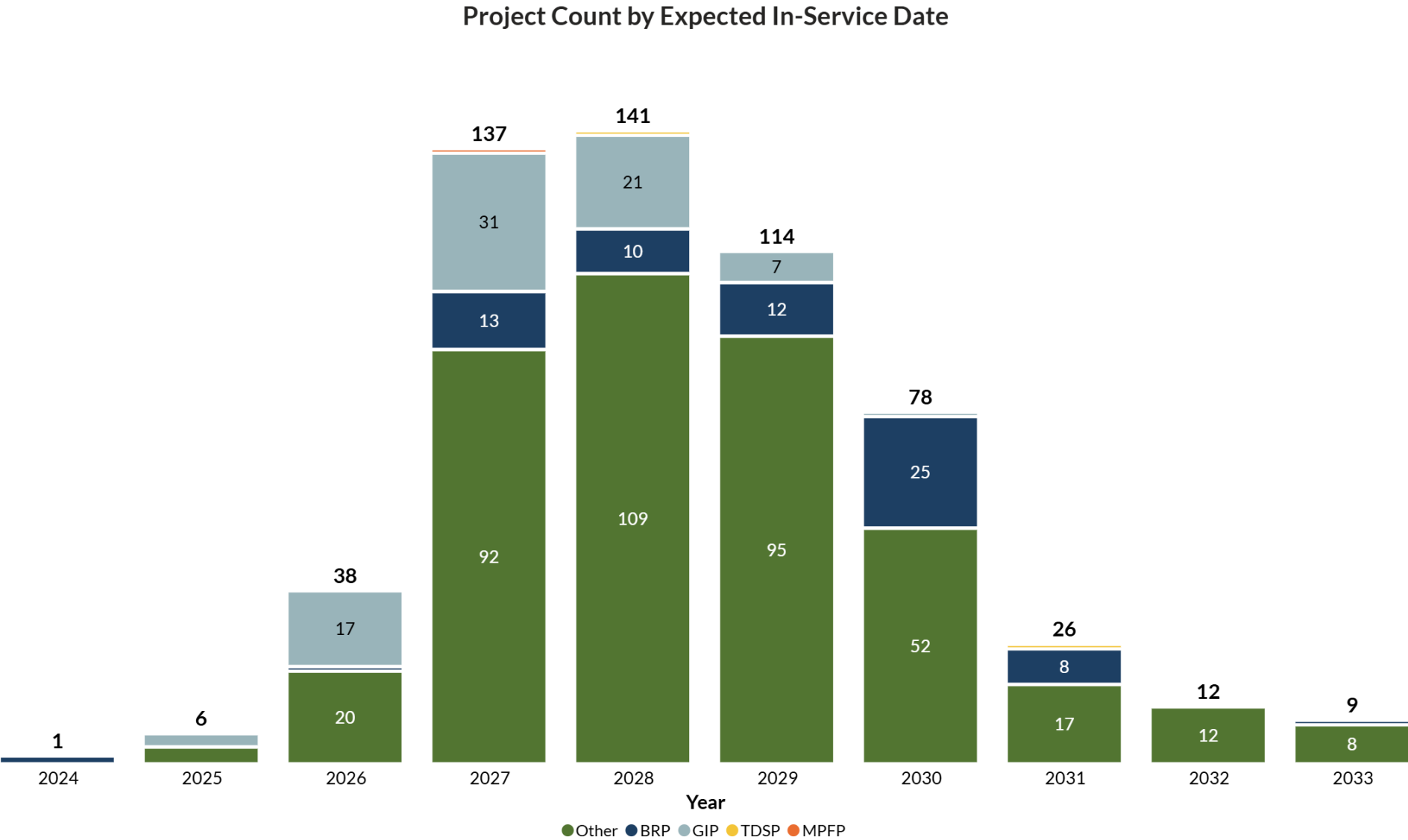


Scaled by Load Size

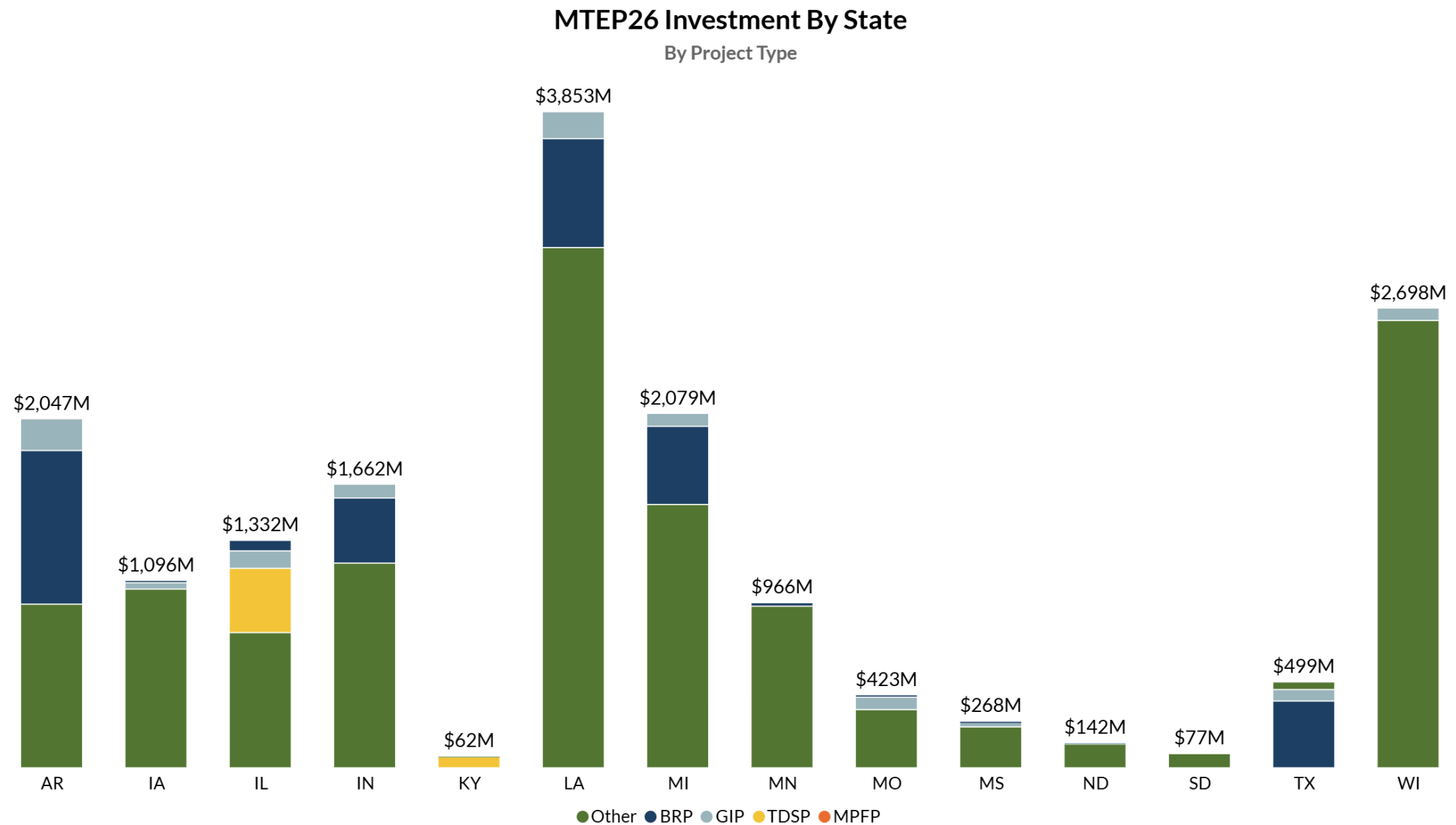
Upcoming EPR Schedule	
TSTF Meetings	Cycle Start Dates
September 8, 2026	
October 6, 2026	October 1, 2026
November 3, 2026	
December 1, 2026	December 1, 2026

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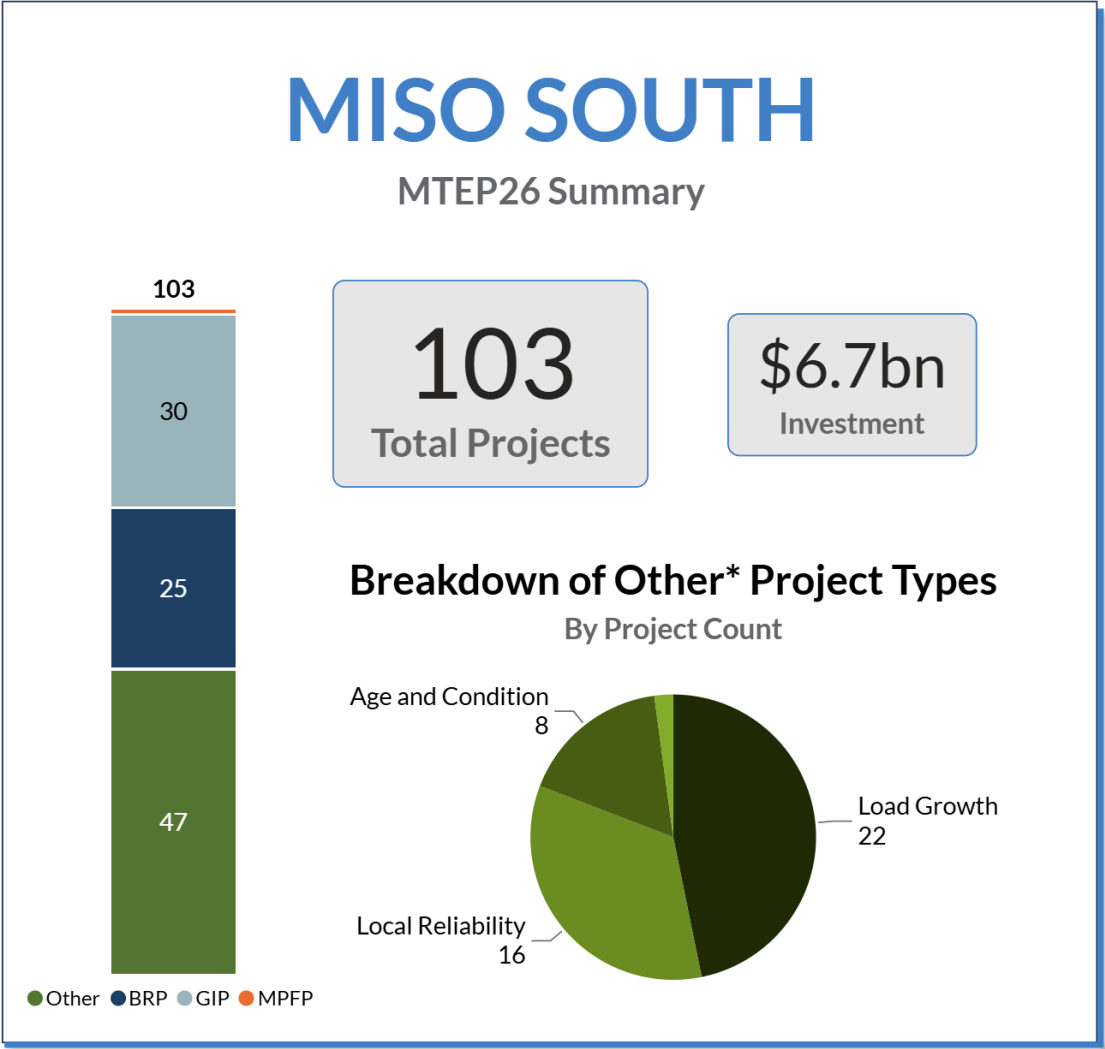
MISO Region: Summary of MTEP26 Appendix A Projects



MISO Region: Summary of MTEP26 Appendix A Projects



South: Summary of MTEP26 Appendix A Projects



South Region Insights

- Load Growth projects continue to dominate the South Region
- The majority of new and impacted transmission line miles are at the 500 kV level
- MTEP26 will include over 7500 MW of new spot load in the South
- Sharp increase in GIPs in the Arkansas region

Important Reminder and Next Steps

Things to keep in mind as all MISO Planners present individual TO presentations

- Present projects submitted for MTEP26 approval and describe any proposed alternatives
- MISO identified N-1-1 reliability issues and is developing corrective action plans with collaboratively with TOs
- The [MTEP Portal](#) was used to gather information and develop SPM materials. All data was pulled on August 19, 2026. To view all MTEP project details, please visit the [MTEP Portal](#).
- Today's recommended project information will be used in the MTEP26 Report

Next Steps

MISO

- Continue independent reliability assessment to identify solutions for issues seen in the paired contingency runs
- Finalize the MTEP26 Report
- Recommend MTEP26 projects for Board of Directors approval

Stakeholders

- Provide inputs on identified issues from the paired contingency runs
- Provide input on the MTEP26 Report (Publish date is scheduled for Sep. 28, stakeholder feedback window is Sep. 28 – Oct. 12)

Questions?



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MISO is the electric grid operator for the central United States. We ensure power flows reliably and affordably across 15 states and the Canadian province of Manitoba. Additionally, MISO facilitates the buying and selling of electricity in its region and partners with its stakeholders to plan the grid of the future.

45 million people depend upon the work we do and the service we provide 24/7/365.

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