



MTEP26 Project Information – Mississippi Entergy Mississippi, LLC (EML); Cooperative Energy

2nd South Subregional Planning Meeting
Wednesday, June 3, 2026

Purpose & Key Takeaway

Purpose

Review and discuss MTEP26 projects

Key Takeaways

- The [MTEP Portal](#) was used to gather information and develop SPM materials. All data was pulled on May 15, 2026. To view all MTEP project details, please visit the [MTEP Portal](#).
- Additionally, quarterly status reports are available on the [MTEP website](#) under *Project Tracking and Monitoring*.

Mississippi Region Overview

The details of the Mississippi projects and their costs per TO are shown below:

- Entergy Mississippi, LLC: 9 submitted projects at an estimated cost of \$238 million
- Cooperative Energy: 1 submitted project at an estimated cost of \$4 million

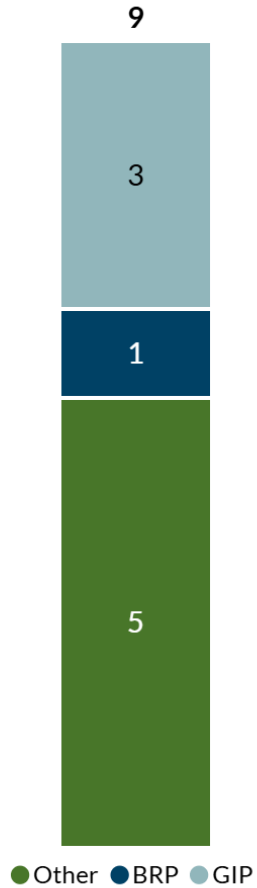
Entergy Mississippi, LLC

Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
51203	J2289/J2297 GIA at Indianola 230 kV	GIP	Project withdrawn

ENTERGY MISSISSIPPI, LLC.

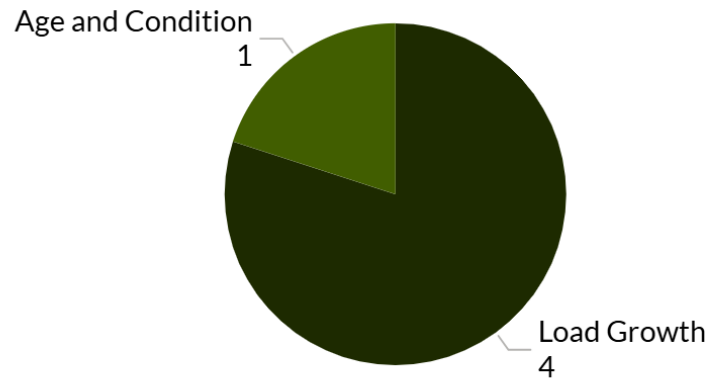
MTEP26 Projects



9
Total Projects

\$238M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

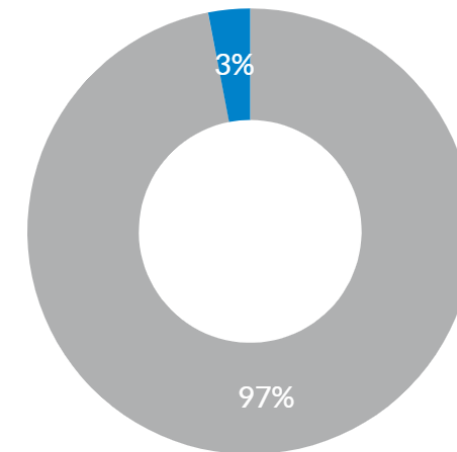
● ≤161 kV

100%

Project Facility Types

As a Percentage of Cost

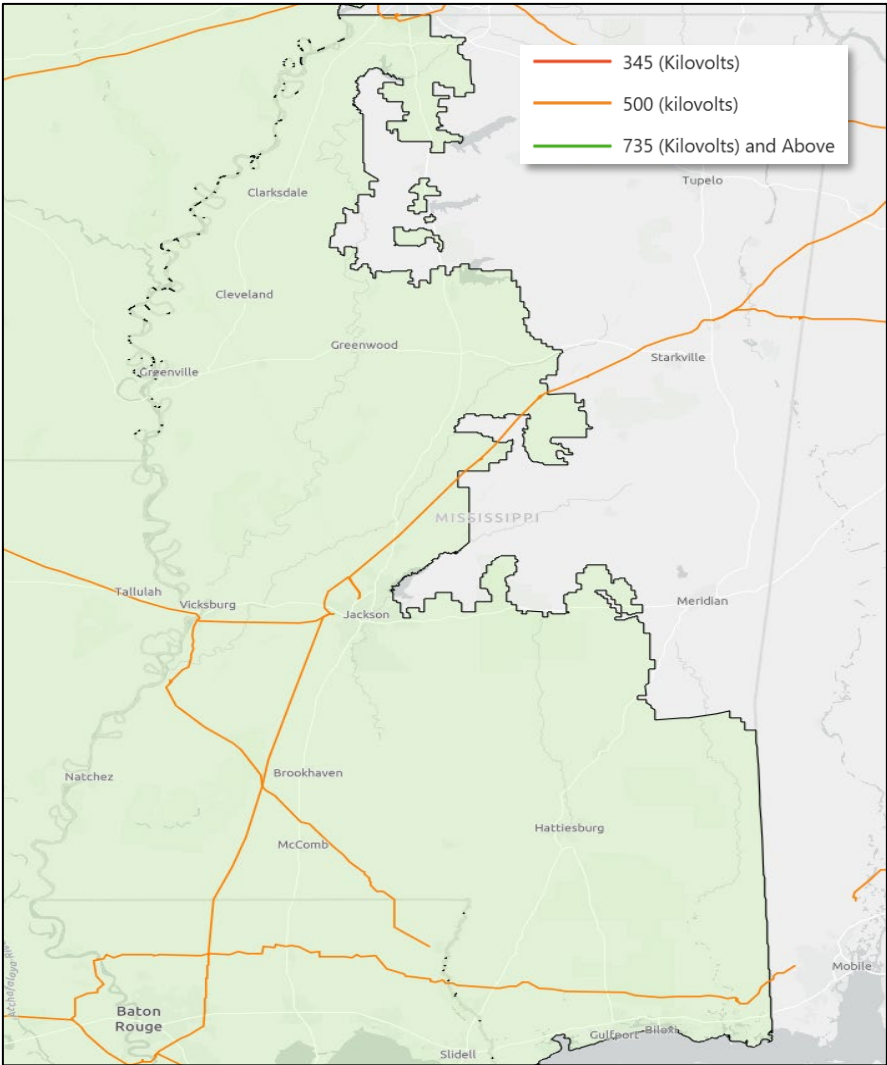
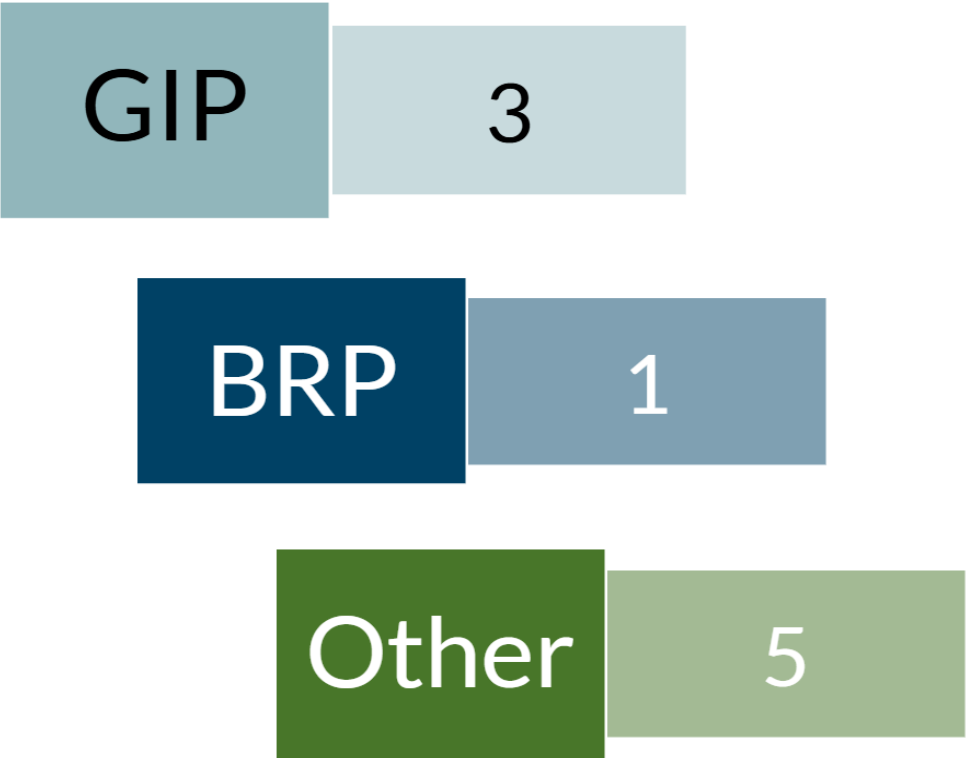
● Substation ● Line Upgrade



EML MTEP26 Project Type Breakdown

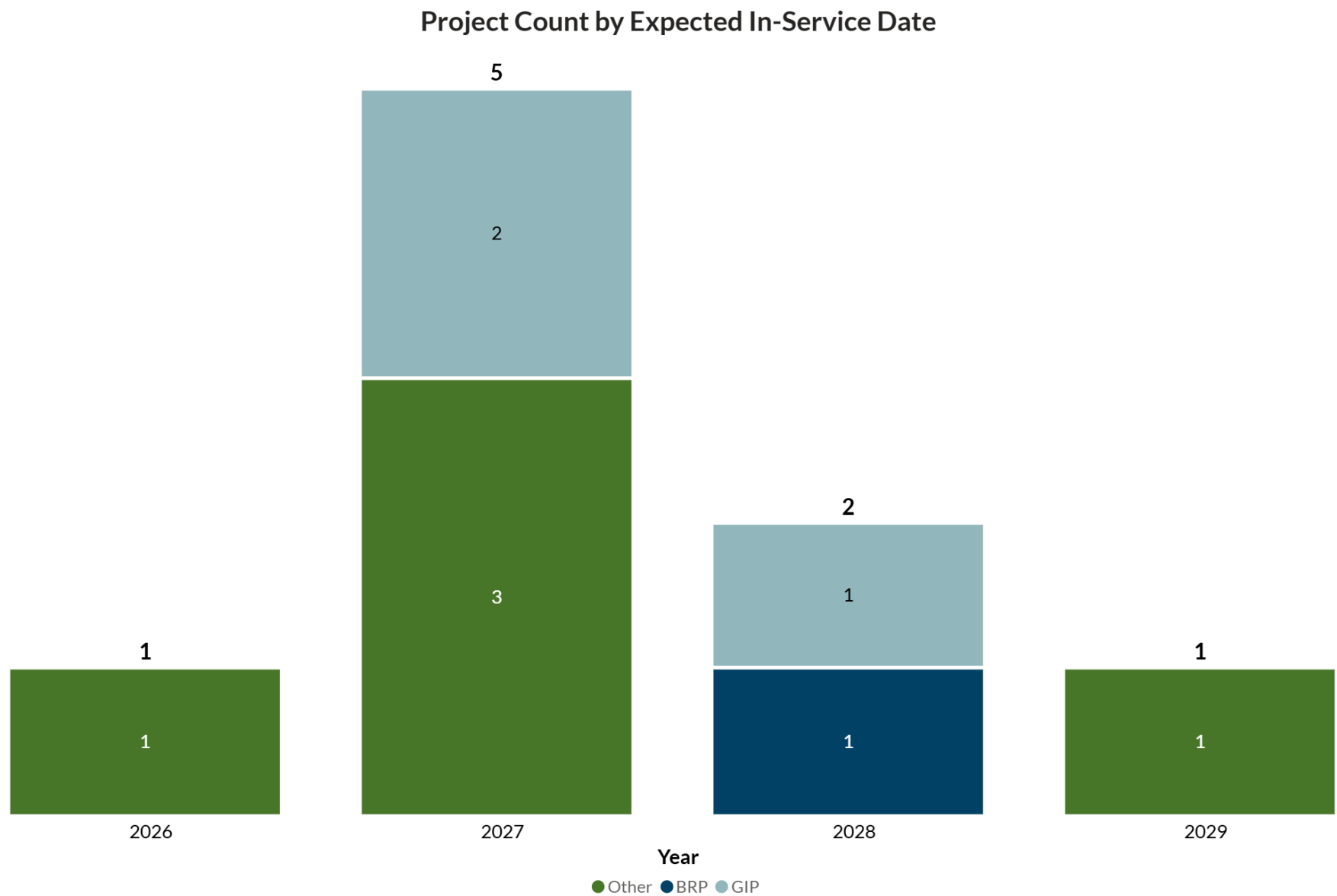
ENTERGY MISSISSIPPI, LLC.

MTEP26 Summary



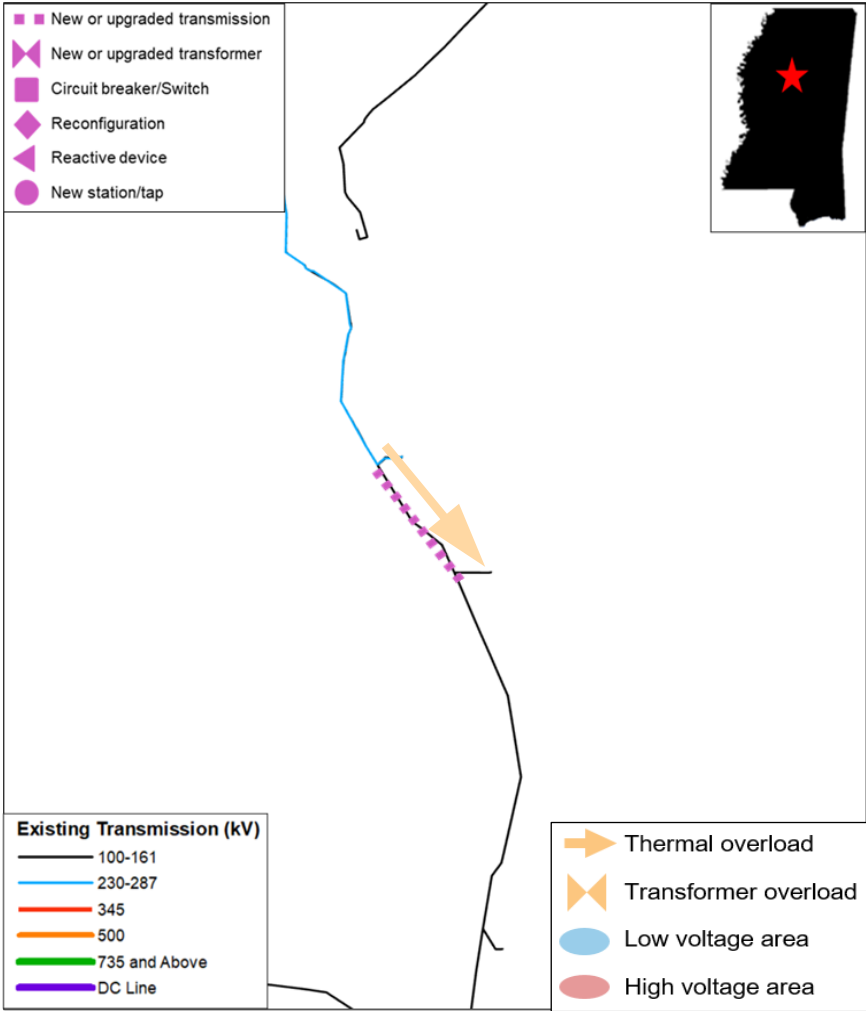
No project location data submitted to MISO for MTEP26

EML MTEP26 ISD Breakdown



Baseline Reliability Project

Details for S. Grenada - Elliott 115kV Line Rebuild



MTEP Project ID	50928
Project Name	S. Grenada - Elliott 115kV Line Rebuild
Project Type	BRP
Project Description	Rebuild S. Grenada - Elliot 115 kV line.
System Need	A bus fault causes thermal overload of S Grenada – Elliott SS 115kV line.
Current Cost	\$7.2 M
Expected ISD	04/01/2028
Target Appendix	A

Baseline Reliability Project

Details for S. Grenada - Elliott 115kV Line Rebuild

This project is necessary due to an N-1 contingency event causing the [EML] South Grenada - [EML] Elliott 115 kV line to exceed its thermal rating.

Thermal Violations

Cont. Type	Limiting Element	Pre-project (post-cont.) Loading (%)	Post-project (post-cont.) Loading (%)
N-1	[EML] S. Grenada - [EML] Elliott 115 kV line	100.22	64

Preliminary Recommendation: Move to Appendix A

BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
50928	S. Grenada - Elliott 115kV Line Rebuild	04/01/2028	\$7.2 M

Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
Bold and Underlined MTEP Project IDs indicate the project is Appendix A approved via the EPR process.

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50927	2027 EML Asset Renewal Program	Age and Condition	12/31/2027	\$50.8 M
50930	Deerfield 230kV: Build New Sub	Load Growth	06/01/2029	\$30.6 M
<u>51146</u>	<u>CCS 115 kV Station</u>	<u>Load Growth</u>	<u>07/01/2027</u>	<u>\$8.2 M</u>
51298	Marquette 230 kV New Substation	Load Growth	06/01/2027	\$27.9 M
51299	Macaw 230 kV New Substation	Load Growth	12/31/2026	\$91.9 M

Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
Bold and Underlined MTEP Project IDs indicate the project is Appendix A approved via the EPR process.

Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
51147	Bolton 115 kV Expand Station (J2173)	12/15/2027	\$8.5 M
51151	J4146 Generator Interconnection at Green Acres 230 kV	08/05/2028	\$9.1 M
51154	McAdams 230 kV: Solar Interconnection (J1891)	12/31/2027	\$4.0 M

Cooperative Energy

Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
25493	W. Hattiesburg - N. Hattiesburg Loop Line	Other – Local Reliability	Project ISD updated from 6/1/2027 to 12/1/2027

COOPERATIVE ENERGY

MTEP26 Projects



1
Total Projects

\$4M
Investment

Breakdown of Other Project Types By Project Count



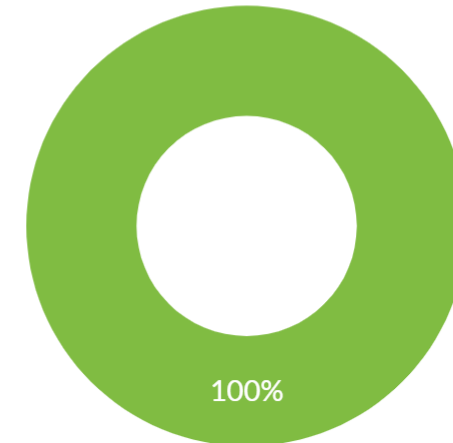
Line Miles by Voltage Level

● ≤161 kV

100%

Project Facility Types As a Percentage of Cost

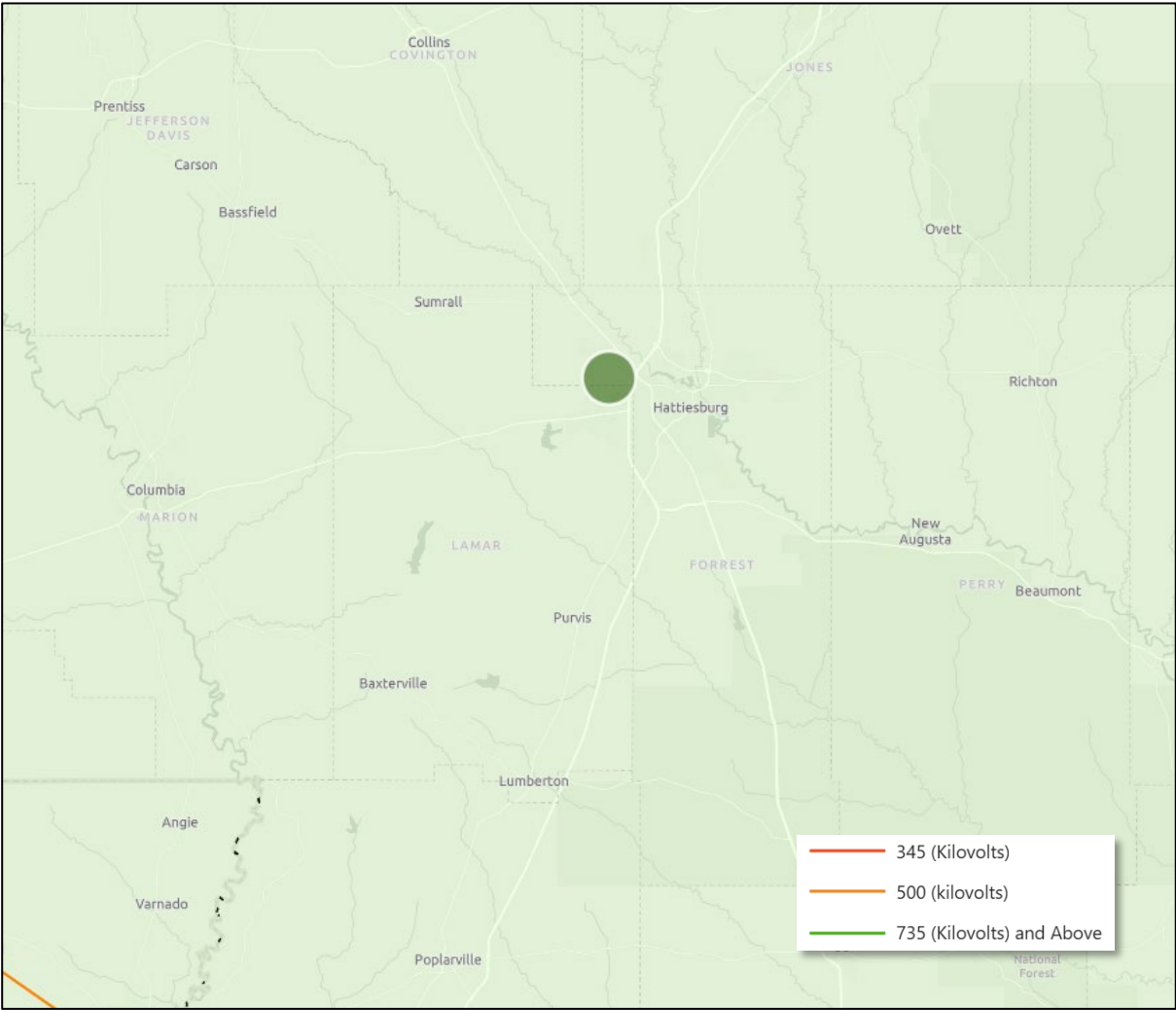
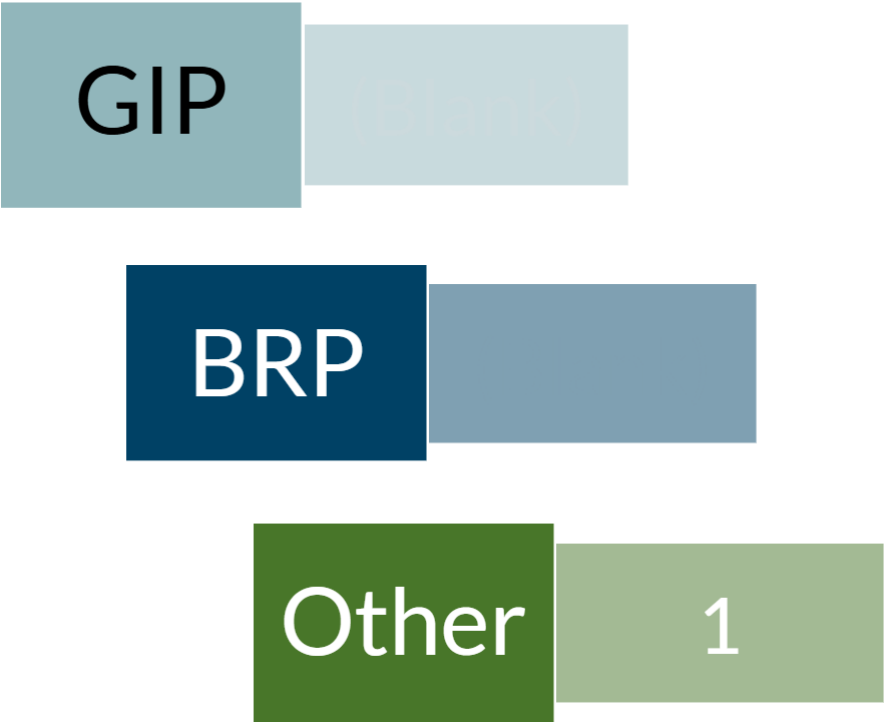
● Line New



Cooperative Energy MTEP26 Project Type Breakdown

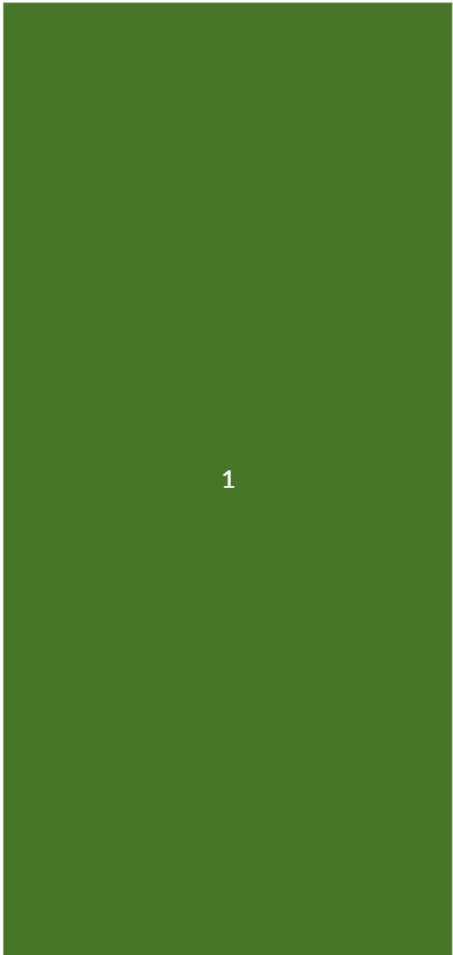
COOPERATIVE ENERGY

MTEP26 Summary



Cooperative Energy MTEP26 ISD Breakdown

Project Count by Expected In-Service Date



2027
Year
● Other

Unlabeled

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
25493	W. Hattiesburg - N. Hattiesburg Loop Line	Local Reliability	12/01/2027	\$4.3 M

Contacts

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Questions?



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.

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