



MTEP26 Project Information – Illinois

Central Subregional Planning Meeting (CSPM)

Thursday, September 3, 2026

Purpose & Key Takeaway



Purpose

Review and discuss recommended MTEP26 projects

Key Takeaways

- 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](#).
- Additionally, quarterly status reports are available on the [MTEP website](#) under *Project Tracking and Monitoring*.

Illinois Central Region Overview

*Snapshot of MTEP26 Appendix A
projects recommended for Board
approval*



The details of the Illinois projects and their costs are shown below:

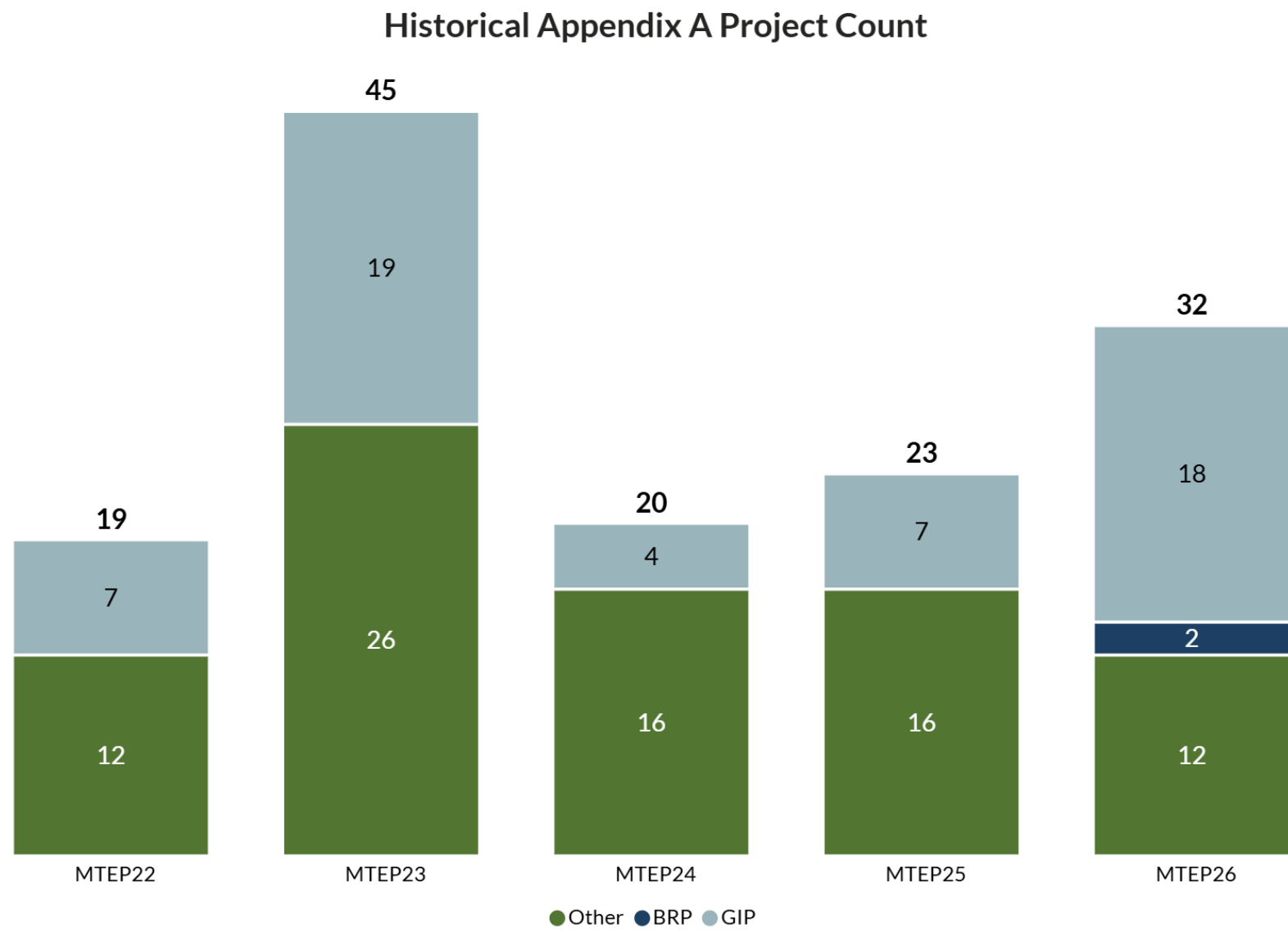
- Ameren Illinois (AMIL)
 - 32 submitted projects at an estimated cost of \$410 million
- GridLiance Heartland (GLH)
 - 2 submitted projects at an estimated cost of \$436 million
- Prairie Power, Inc. (PPI)
 - 15 submitted projects at an estimated cost of \$107 million
- CWLP and SIPC did not submit projects for consideration in MTEP26

Ameren Illinois (AMIL)

Update on Current Cycle Projects since SPM2

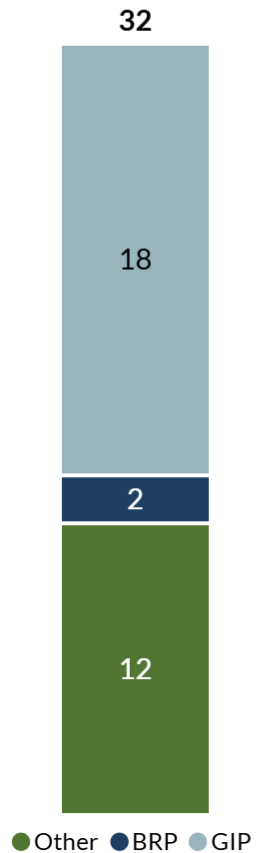
MTEP Project ID	Project Name	Project Type	Project Change
50046	New San Jose Solar (J1653) 138 kV Interconnection	GIP	Project ISD changed from 6/1/2027 to 12/1/2026
50076	New Shockey (J1831) 138 kV Interconnection	GIP	Project ISD changed from 6/1/2026 to 12/1/2026
50078	New ADM North (J1839) 138 kV Interconnection	GIP	Project ISD changed from 12/1/2027 to 12/1/2029
50080	New Bureau (J1755) 138 kV Interconnection	GIP	Project ISD changed from 6/1/2026 to 12/1/2027
50085	New San Jose Rail (J1725) 138 kV Interconnection	GIP	Project ISD changed from 12/1/2026 to 6/1/2029
50114	New Camp Creek Wind (J1701) 138 kV Substation	GIP	Project ISD changed from 6/1/2027 to 12/1/2027
51222	New Edwards 3 BESS (R1055) 138 kV Interconnection	GIP	Project ISD changed from 6/1/2030 to 12/31/2025

Ameren Illinois (AMIL) Historical Appendix A data, including recommended MTEP26



AMEREN ILLINOIS

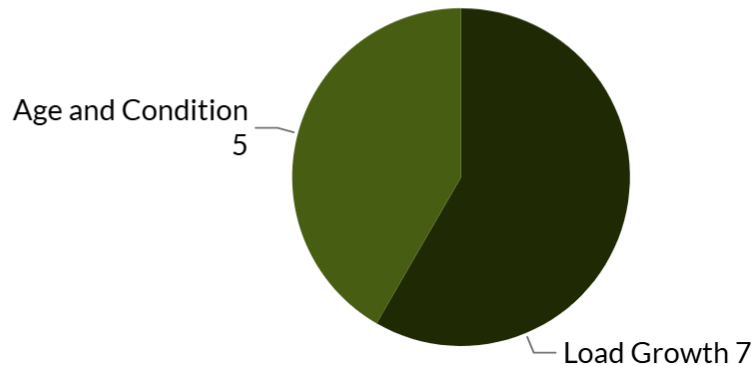
MTEP26 Projects



32
Total Projects

\$410M
Investment

Breakdown of Other Project Types By Project Count



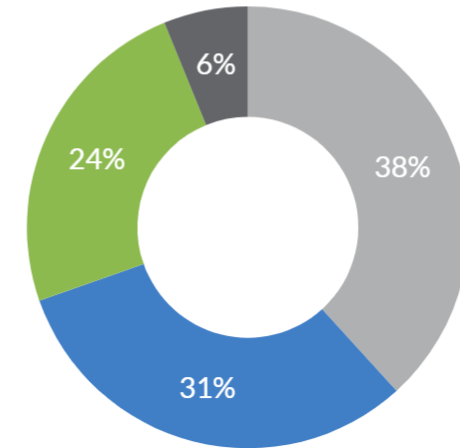
Line Miles by Voltage Level

● ≤161 kV ● 345 kV



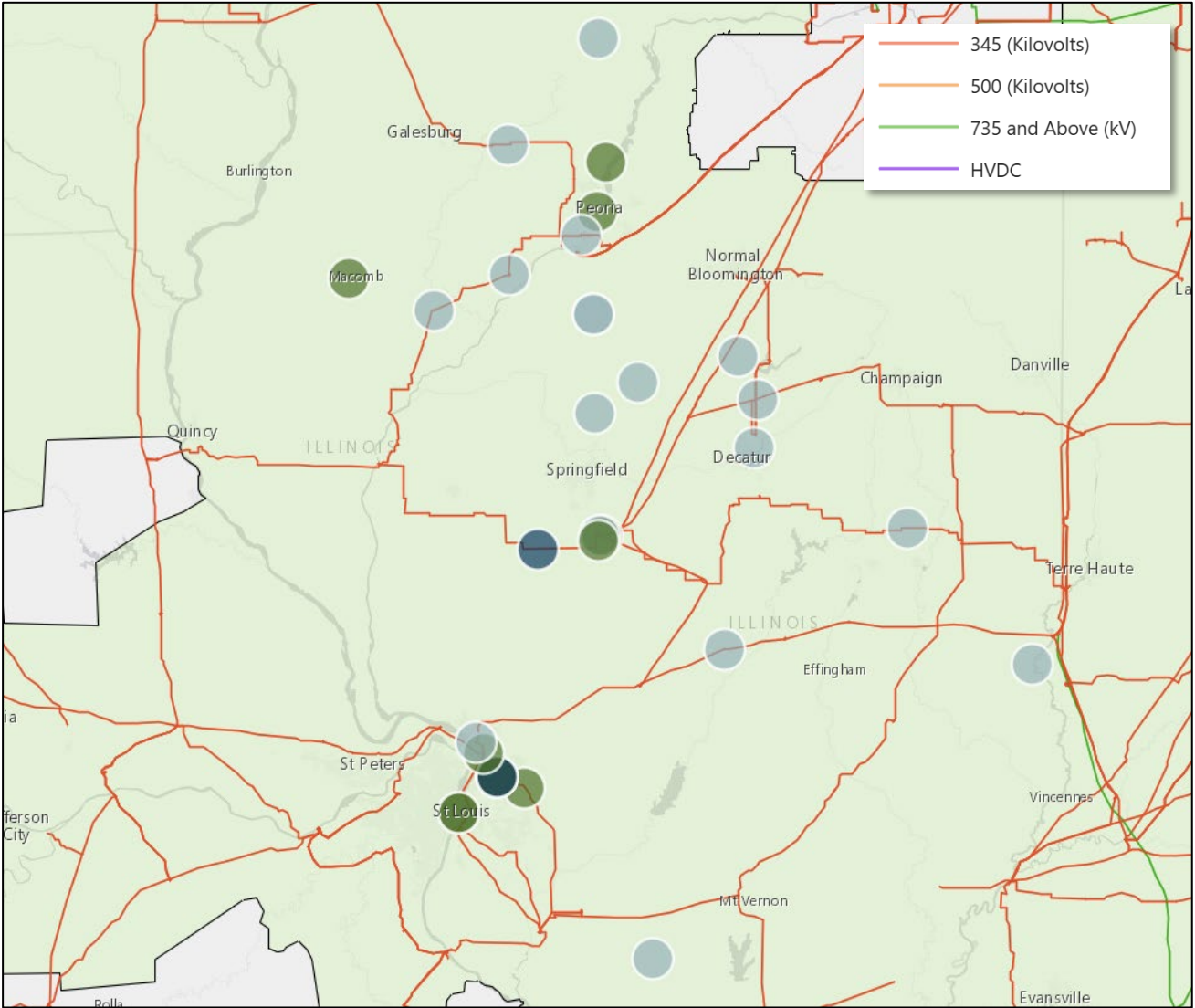
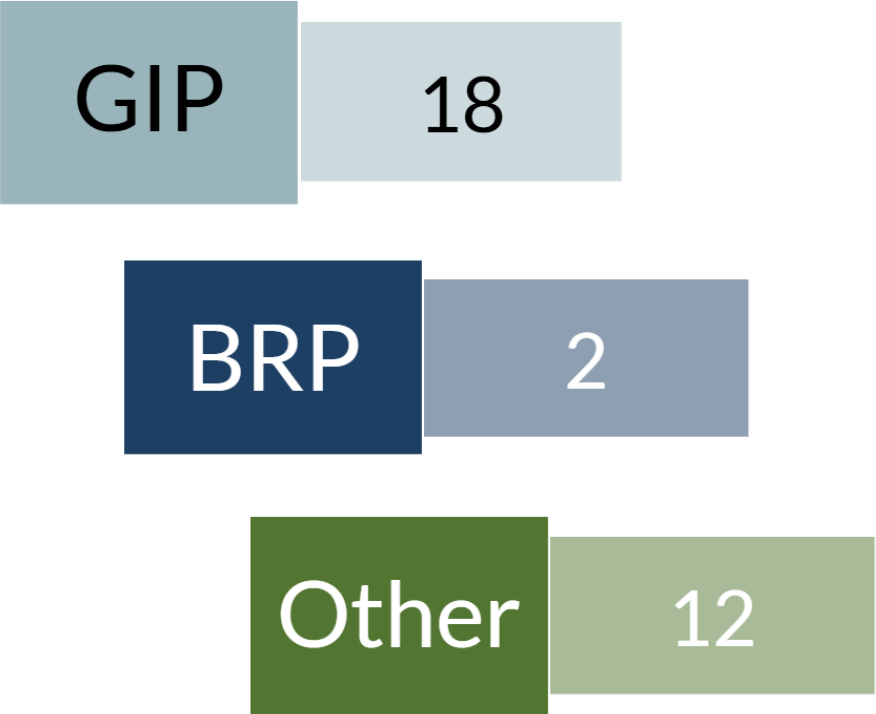
Project Facility Types As a Percentage of Cost

● Substation ● Line Upgrade ● Line New ● Voltage Device

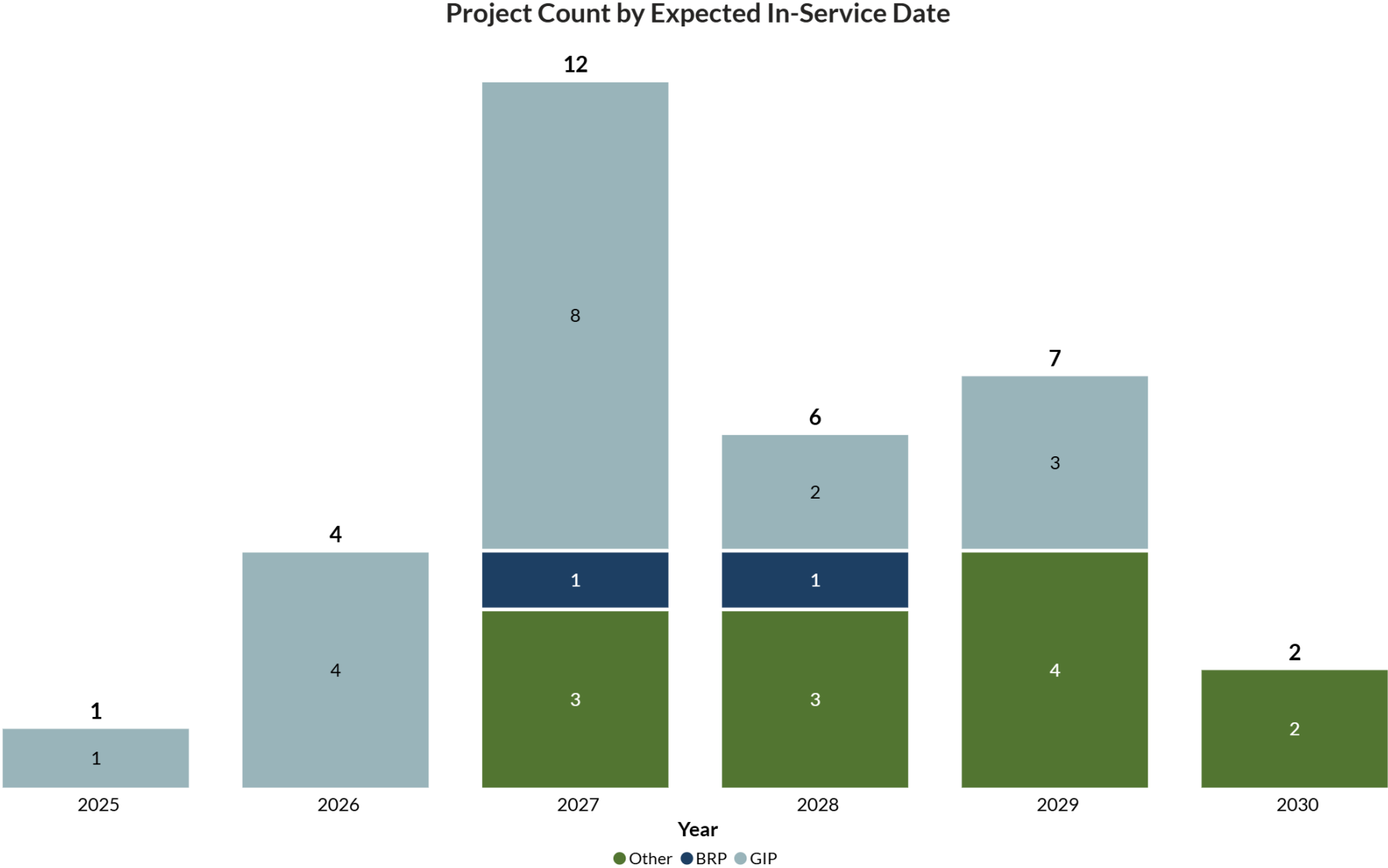


Ameren Illinois (AMIL) Project Type Breakdown

AMEREN ILLINOIS MTEP26 Summary



Ameren Illinois (AMIL) MTEP26 ISD Breakdown



Baseline Reliability Projects (BRPs) Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>50633</u>	<u>Rebuilds on 138 kV from Diamond Core Load Addition (RECC Territory)</u>	<u>12/01/2027</u>	<u>\$50.2 M</u>
<u>51123</u>	<u>New 300 MVAR Cap Bank at Truett 345 kV Substation</u>	<u>12/01/2028</u>	<u>\$12.0 M</u>

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 Summary

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
22877	Upgrade Cat 1 138 kV substation	Age and Condition	12/01/2028	\$8.0 M
22879	Upgrade Cat Mossville 138 kV substation	Age and Condition	06/01/2029	\$5.0 M
50882	Replace Breakers and Relays Program - MTEP26	Age and Condition	12/31/2027	\$5.0 M
50883	Replace Pole and Insulator Program - MTEP26	Age and Condition	12/31/2027	\$20.0 M
<u>50885</u>	<u>New CADC 138 kV Ring bus</u>	<u>Load Growth</u>	<u>12/01/2029</u>	<u>\$24.1 M</u>
<u>51177</u>	<u>New Stallings-Roxford-4581 345 kV Temporary Tap (Truett Phase 0.5)</u>	<u>Load Growth</u>	<u>12/01/2027</u>	<u>\$0.2 M</u>
<u>51178</u>	<u>New Load Addition at New Truett 345 kV Substation (Truett Phase 1)</u>	<u>Load Growth</u>	<u>12/01/2028</u>	<u>\$34.9 M</u>
<u>51179</u>	<u>New 345 kV Lines for New Truett Load Addition (Truett Phase 2)</u>	<u>Load Growth</u>	<u>12/01/2030</u>	<u>\$87.2 M</u>
51209	Rebuild Leatherneck 138 kV Ring Bus	Age and Condition	12/01/2029	\$15.5 M
51320	Temporary Tap for Truett 500 MW (Truett Phase 1.5)	Load Growth	06/01/2029	\$1.5 M
51428	Project Pawnee Temporary Tap	Load Growth	06/01/2028	\$7.5 M
51429	Project Pawnee Final	Load Growth	12/01/2030	\$35.8 M

Generator Interconnection Projects (GIPs) Summary

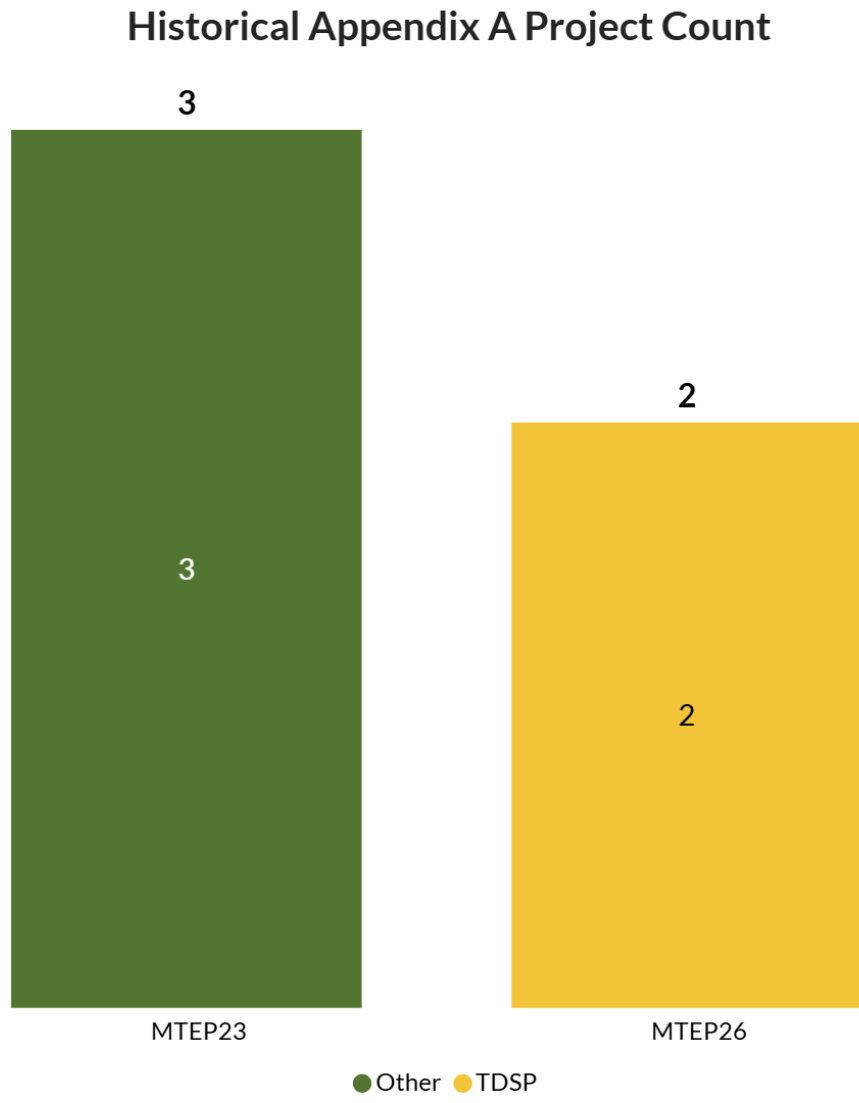
MTEP Project ID	Project Name	Expected ISD	Current Cost
25121	New Coles Wind (J2128) Wayward 345 kV Substation	12/01/2026	\$11.0 M
50046	New San Jose Solar (J1653) 138 kV Interconnection	12/01/2026	\$0.8 M
50053	New Hercules Solar (J1626) 138 kV Interconnection	04/01/2027	\$0.8 M
50076	New Shockey (J1831) 138 kV Interconnection	12/01/2026	\$0.8 M
50078	New ADM North (J1839) 138 kV Interconnection	12/01/2029	\$0.8 M
50080	New Bureau (J1755) 138 kV Interconnection	12/01/2027	\$0.8 M
50083	New Leghorn (J1677) 345 kV Interconnection	12/01/2026	\$1.1 M
50085	New San Jose Rail (J1725) 138 kV Interconnection	06/01/2029	\$0.8 M
50114	New Camp Creek Wind (J1701) 138 kV Substation	12/01/2027	\$9.5 M

Generator Interconnection Projects (GIPs) Summary (cont.)

MTEP Project ID	Project Name	Expected ISD	Current Cost
50116	New Geranium Solar (J1712) 345 kV Interconnection	12/01/2027	\$13.0 M
50117	New Cumberland Road South Solar (J1744) 138 kV Interconnection	06/01/2027	\$9.0 M
50773	Rebuild Moro-Laclede NTP 478 MVA MPFCA 138 kV Line	06/01/2029	\$15.0 M
50774	New Four Creeks Wind (J2275) Wells 345 kV Ring Bus Switching Station	12/01/2027	\$16.2 M
51110	New Mulligan Storage (S1048) Fogarty Surplus 138 kV Interconnection	07/01/2027	\$0.1 M
51117	Upgrade Kincaid-Austin-4522 C1801 MPFCA 345 kV Line	06/01/2027	\$20.7 M
51222	New Edwards 3 BESS (R1055) 138 kV Interconnection	12/31/2025	\$0.1 M
51275	Prairie Flats Solar (J2273) New Position at Tabor 138 kV	06/01/2028	\$0.6 M
51284	Fulton County Solar (J2186) New Position at Duck Creek 345 kV	12/01/2028	\$1.8 M

GridLiance Heartland (GLH)

GridLiance Heartland (GLH) Historical Appendix A data, including recommended MTEP26



GRIDLIANCE HEARTLAND LLC

MTEP26 Projects



2
Total Projects

\$436M
Investment

Line Miles by Voltage Level

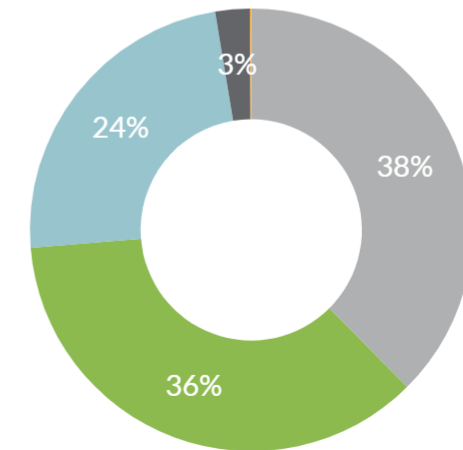
● ≤161 kV ● 345 kV



Project Facility Types

As a Percentage of Cost

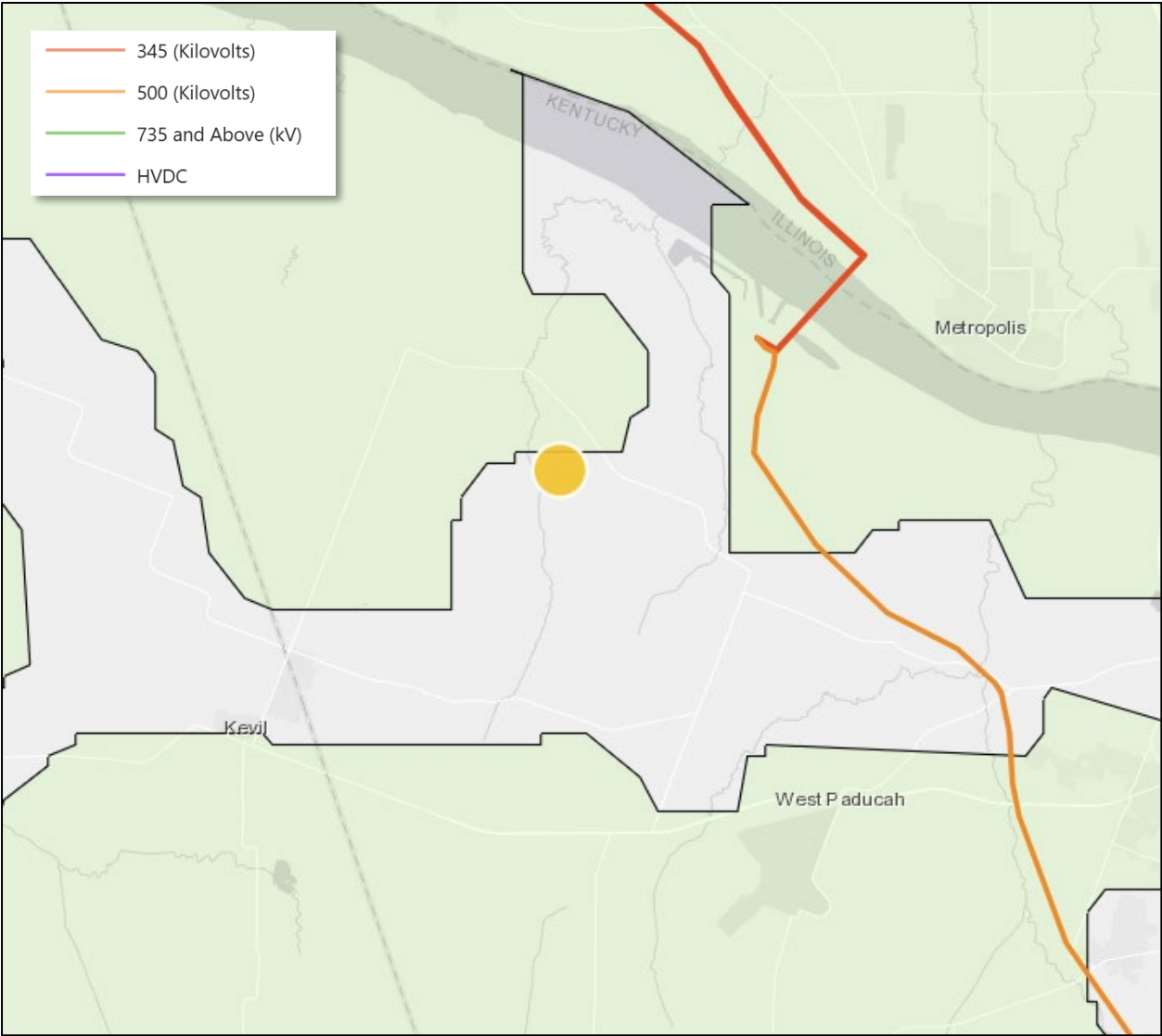
● Substation ● Line New ● Transformer ● Voltage Device ● Misc.



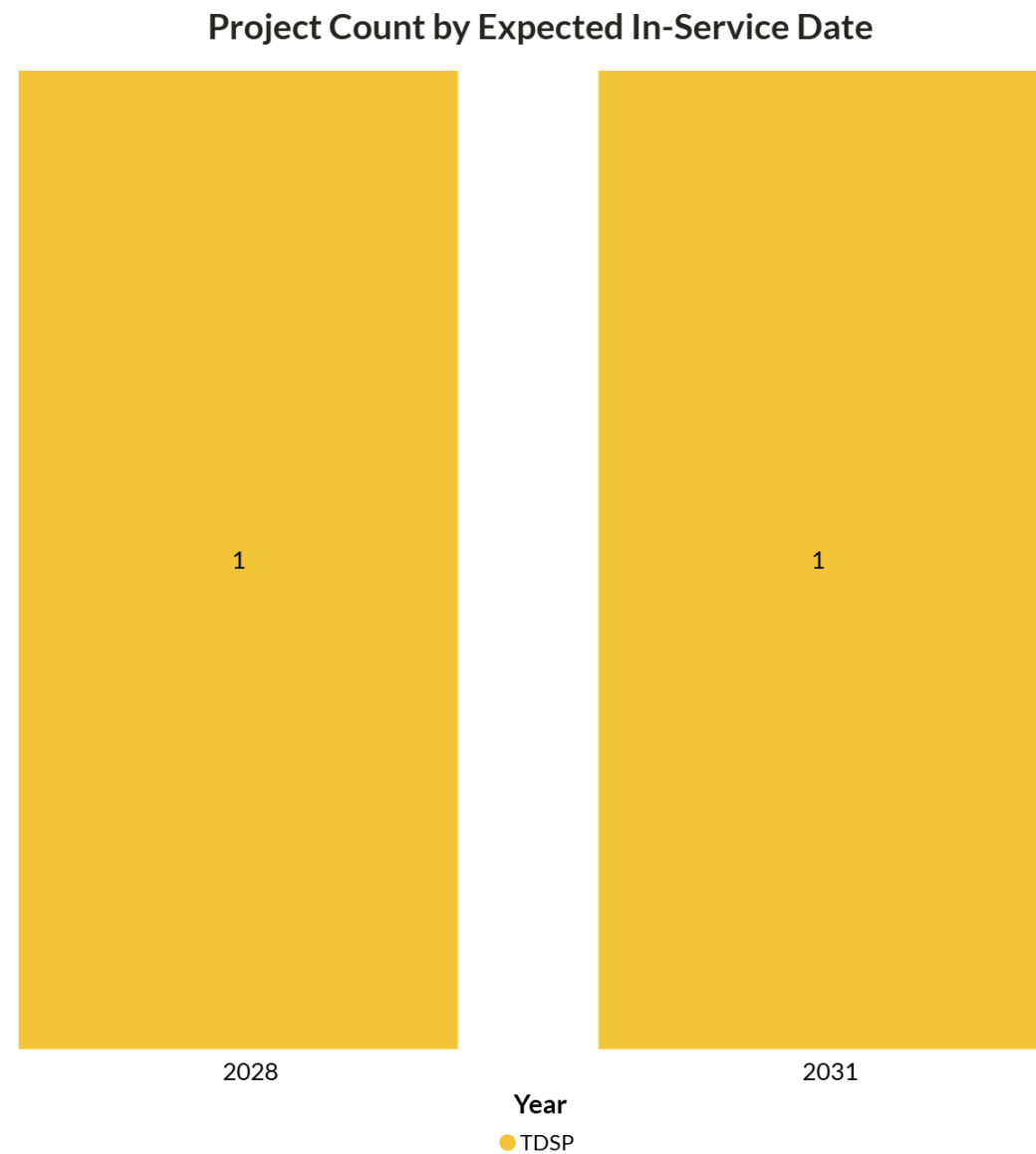
GridLiance Heartland (GLH) MTEP26 Project Type Breakdown

GRIDLIANCE HEARTLAND LLC

MTEP26 Summary



GridLiance Heartland (GLH) MTEP26 ISD Breakdown



Transmission Delivery Service Projects (TDSPs) Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
51432	Paducah Load Interconnection - Phase 1	06/01/2028	\$58.0 M
51433	Paducah Load Interconnection - Phase 2	06/01/2031	\$378.0 M

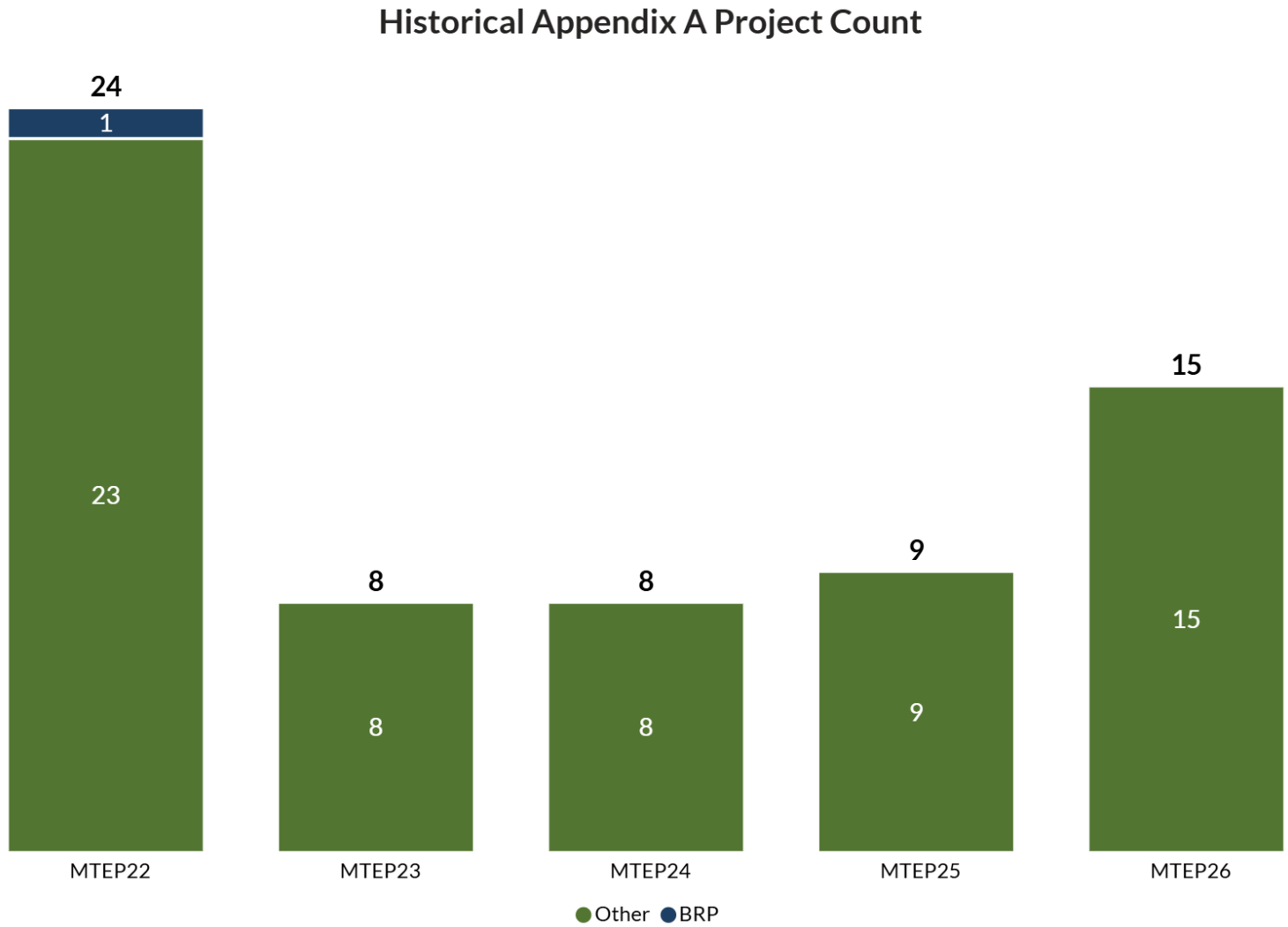
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Prairie Power, Inc. (PPI)

Update on Current Cycle Projects since SPM2

MTEP Project ID	Project Name	Project Type	Project Change
50800	Rebuild Allen Tap-Allen 69 kV Line	Other – Local Reliability	Project ISD changed from 12/2/2027 to 12/1/2029
50806	Rebuild Pearl Tap-Smith Jct. W. 69 kV Line	Other – Age and Condition	Project cost increased from \$5.7M to \$7.1M

Prairie Power, Inc. (PPI) Historical Appendix A data, including recommended MTEP26



PRAIRIE POWER, INC. PPI

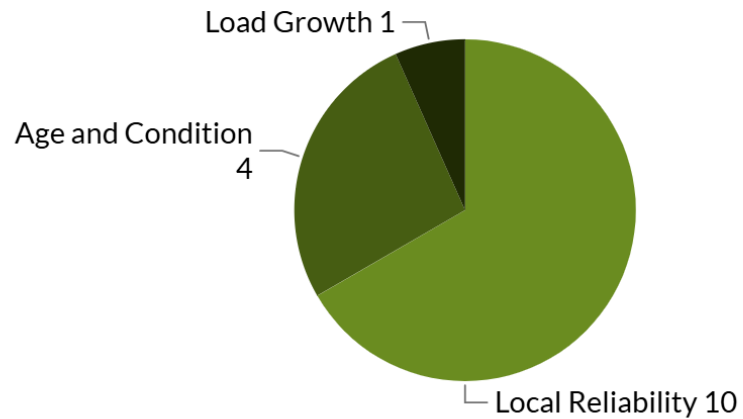
MTEP26 Projects



15
Total Projects

\$107M
Investment

Breakdown of Other Project Types By Project Count



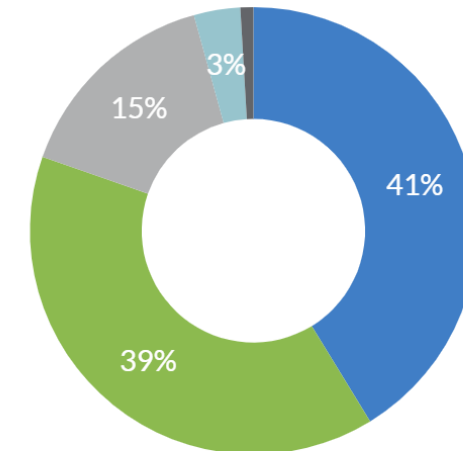
Line Miles by Voltage Level

● ≤161 kV

100%

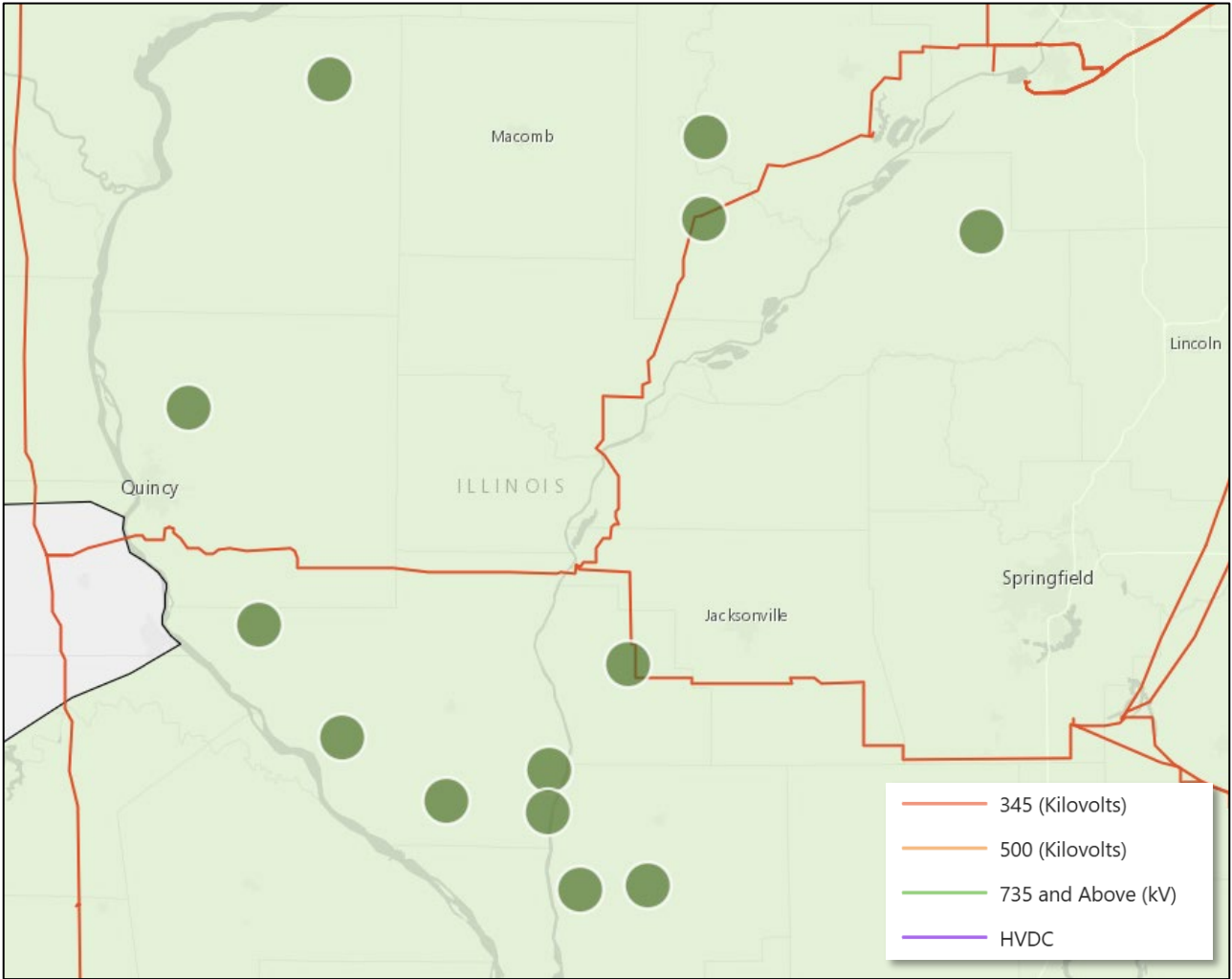
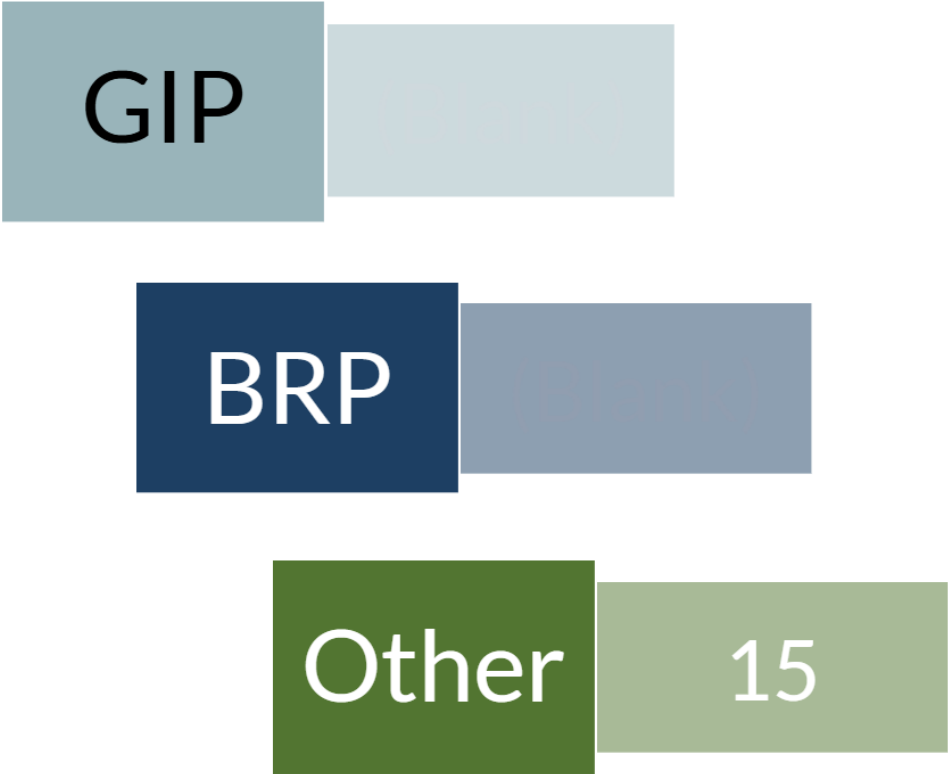
Project Facility Types As a Percentage of Cost

● Line Upgrade ● Line New ● Substation ● Transformer ● Voltage Device

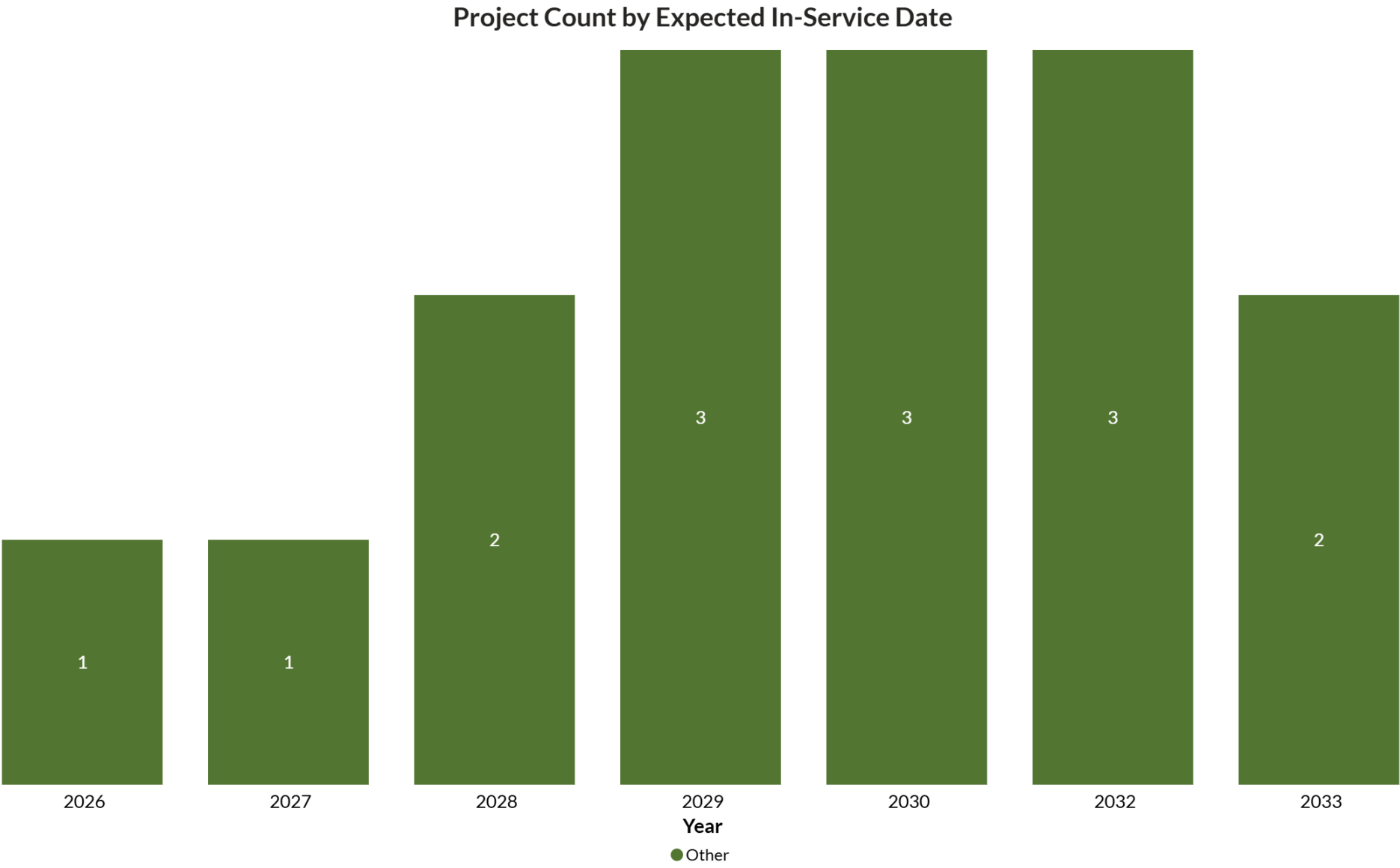


Prairie Power, Inc. (PPI) MTEP26 Project Type Breakdown

PRAIRIE POWER, INC. PPI MTEP26 Summary



Prairie Power, Inc. (PPI) MTEP26 ISD Breakdown



Other Projects Summary

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50798</u>	<u>Upgrade Disco 138/69 kV Transformer</u>	<u>Local Reliability</u>	<u>12/01/2026</u>	<u>\$0.6 M</u>
50799	New Rock Creek 69 kV Capacitor Bank	Local Reliability	12/01/2027	\$0.5 M
50800	Rebuild Allen Tap-Allen 69 kV Line	Local Reliability	12/01/2029	\$3.9 M
50802	New Quaker 69 kV Breaker Station	Local Reliability	12/01/2028	\$3.0 M
50803	Rebuild Kampsville-Carrollton 69 kV Line	Local Reliability	12/01/2028	\$4.5 M
50804	New Smithfield 69 kV Breaker Station	Local Reliability	12/01/2030	\$3.8 M
<u>50805</u>	<u>New Hopewell 138/69 kV Substation and Lines</u>	<u>Load Growth</u>	<u>12/01/2029</u>	<u>\$10.8 M</u>
50806	Rebuild Pearl Tap-Smith Jct. W. 69 kV Line	Age and Condition	12/01/2032	\$7.1 M
50807	Rebuild Pearl Tap-Pearl 69 kV Line	Age and Condition	12/01/2032	\$1.3 M
50808	Rebuild Barry-E. Hannibal 69 kV Line	Age and Condition	12/01/2032	\$9.8 M
<u>50809</u>	<u>Rebuild Winchester-Wolf Run 69 kV Line</u>	<u>Local Reliability</u>	<u>12/01/2030</u>	<u>\$10.0 M</u>
50810	New Atlas-Pearl 69 kV Line	Local Reliability	12/01/2033	\$19.3 M
50811	Rebuild El Dara BKR-Atlas 69 kV Line	Age and Condition	12/01/2033	\$4.8 M
<u>51405</u>	<u>New [PPI] Riverside - [AMIL] Jerseyville 138 kV line</u>	<u>Local Reliability</u>	<u>12/01/2030</u>	<u>\$25.0 M</u>
<u>51406</u>	<u>New [PPI] Alsey - [AMIL] Ballard 138 kV second circuit line</u>	<u>Local Reliability</u>	<u>12/31/2029</u>	<u>\$2.8 M</u>

Questions?

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