



MTEP26 Project Information

MISO Central Region – Missouri

2nd Central Subregional Planning Meeting
Tuesday, June 2, 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*.

Missouri Region Overview

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

- AMMO: 31 projects at an estimated cost of \$496 million
- ATXI: 7 projects at an estimated cost of \$486 million
- CEC: 9 projects at an estimated cost of \$58 million
- CWLD did not submit projects for consideration in MTEP26

Ameren Missouri

Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
51302	New Quinn 161 kV Ring Bus for Millcreek (E0017)	GIP	Project added to MTEP26
51321	Rebuild Montgomery-Guthrie 161 kV Line	Other, Local Reliability	Project type changed from BRP to Other, Local Reliability
51195	Project Diamond Farms Temporary Taps	Other, Load Growth	Project type changed from BRP to Other – Load Growth and Target Appendix changed from A to B

AMEREN MISSOURI

MTEP26 Projects

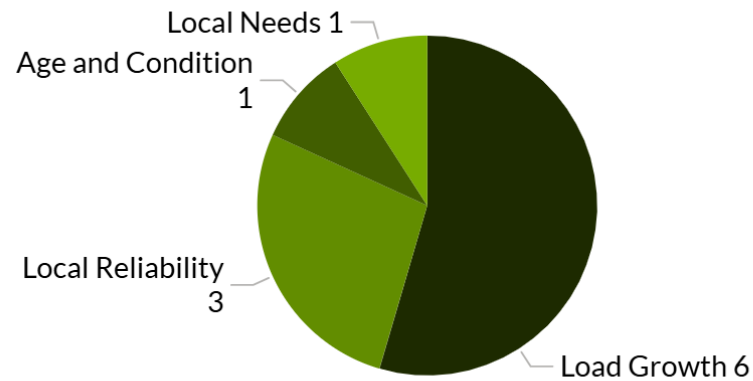


30
Total Projects

\$496M
Investment

Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

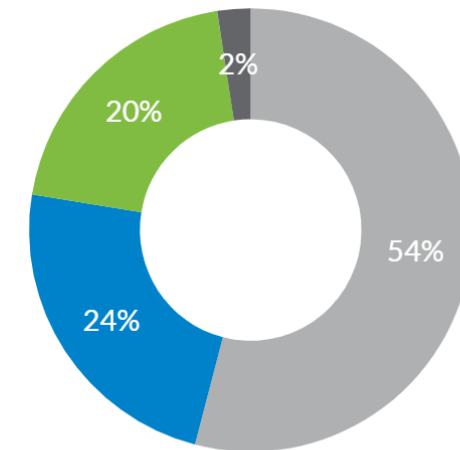
● ≤161 kV ● 345 kV



Project Facility Types

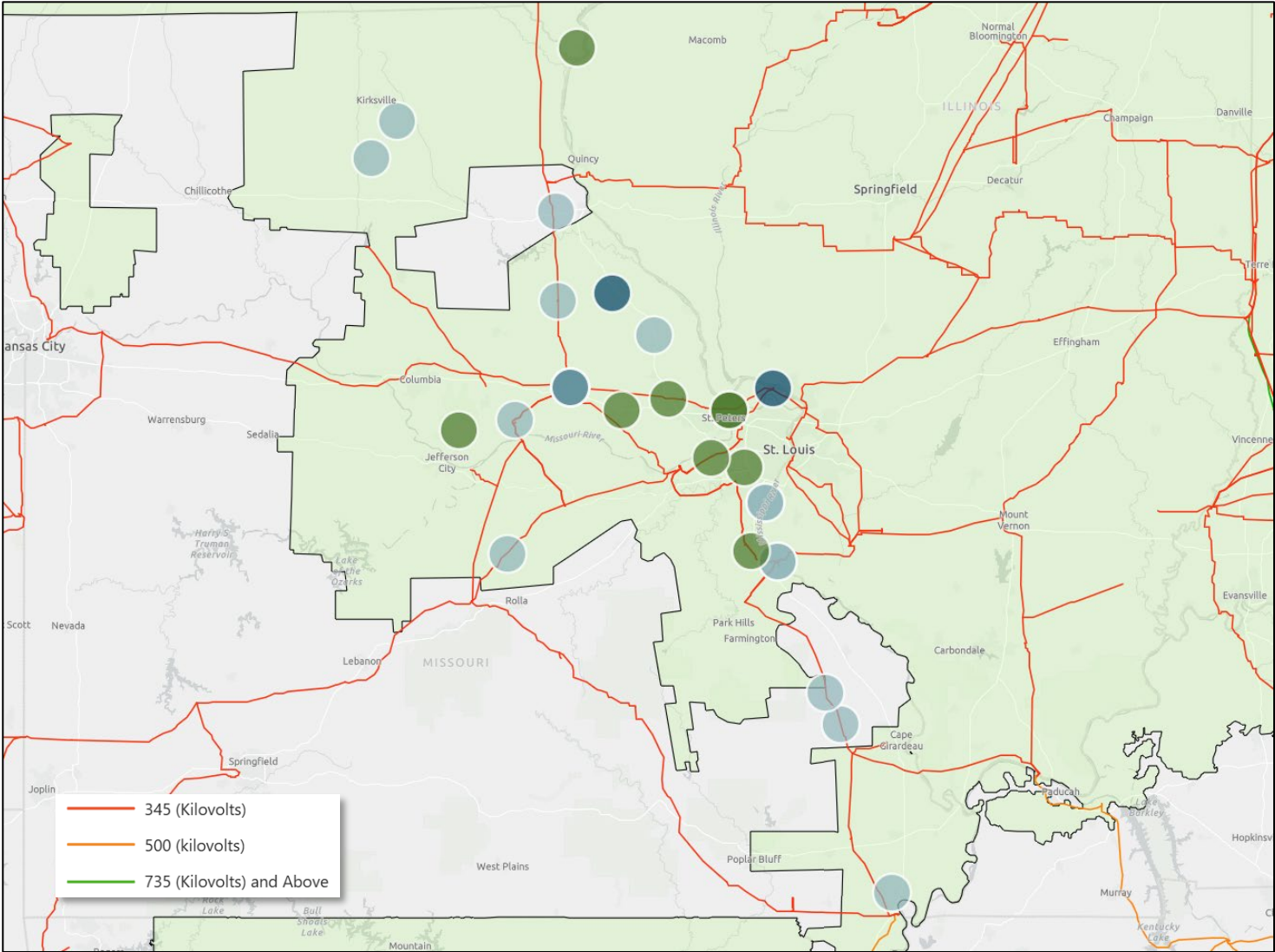
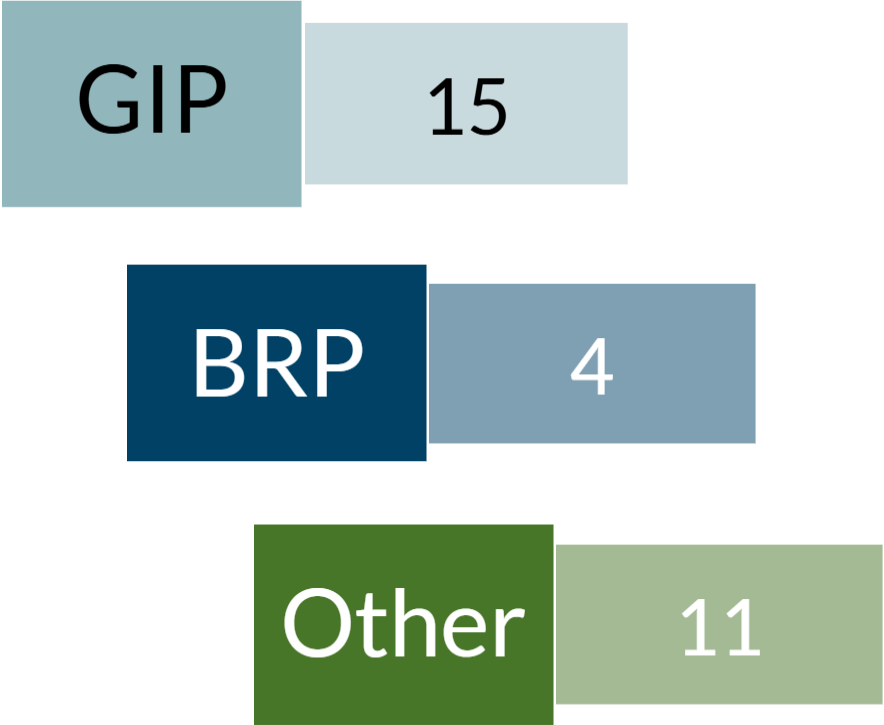
As a Percentage of Cost

● Substation ● Line Upgrade ● Line New ● Voltage Device

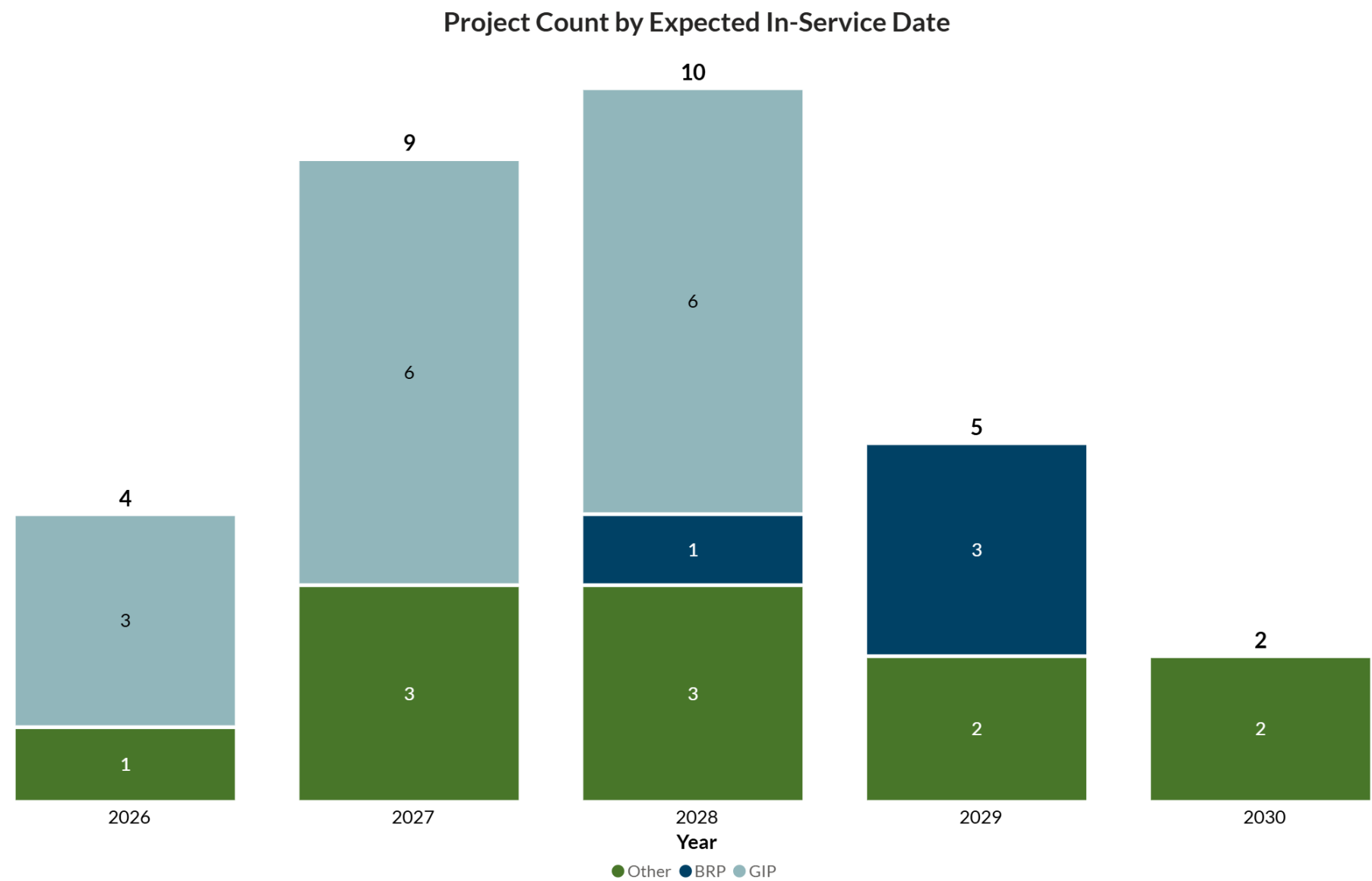


AMMO MTEP26 Project Type Breakdown

AMEREN MISSOURI MTEP26 Summary



AMMO MTEP26 ISD Breakdown



BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>50743</u>	<u>New Elkhorn 280 MVAR Cap Bank</u>	<u>12/01/2028</u>	<u>\$12.0 M</u>
<u>51113</u>	<u>Upgrade Montgomery 345 kV terminal equipment</u>	<u>12/01/2029</u>	<u>\$5.0 M</u>
<u>51114</u>	<u>Apply Pike – Peno Creek 161 kV E3X</u>	<u>12/01/2029</u>	<u>\$0.8 M</u>
<u>51128</u>	<u>Upgrade Sioux-Roxford 138 kV Lines</u>	<u>12/01/2029</u>	<u>\$8.0 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

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
22953	Expand Wildwood 345/138 kV substation	Local Reliability	12/01/2029	\$13.6 M
23066	New Point Prairie 161 kV ring bus	Local Reliability	12/01/2028	\$12.0 M
<u>50695</u>	<u>New Hayford 345 kV Substation for load addition</u>	<u>Load Growth</u>	<u>12/01/2027</u>	<u>\$12.0 M</u>
<u>50697</u>	<u>Increment Hayford 345 kV Load Addition</u>	<u>Load Growth</u>	<u>12/01/2030</u>	<u>\$8.0 M</u>
<u>50737</u>	<u>New Load Addition at New Elkhorn 345 kV substation (Elkhorn Phase 2)</u>	<u>Load Growth</u>	<u>12/01/2028</u>	<u>\$40.0 M</u>
<u>50738</u>	<u>New Load Addition at New Yoshi 345 kV substation</u>	<u>Load Growth</u>	<u>12/01/2028</u>	<u>\$109.0 M</u>
<u>50741</u>	<u>New Montgomery 345 kV Temporary Tap (Elkhorn Phase 1)</u>	<u>Load Growth</u>	<u>12/30/2027</u>	<u>\$0.2 M</u>
<u>50791</u>	<u>New Project Point 345 kV BAAH substation</u>	<u>Load Growth</u>	<u>12/01/2029</u>	<u>\$98.8 M</u>
50891	Replace Marshall 138 kV Aging Infrastructure	Age and Condition	12/01/2027	\$4.5 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.

Unlabeled

Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>51175</u>	<u>Rebuild Carbide Tap-Viele 161 kV line (JUA AECI/NE Power)</u>	<u>Local Needs</u>	<u>11/30/2026</u>	<u>\$0.1 M</u>
51321	Rebuild Montgomery-Guthrie 161 kV Line	Local Reliability	12/01/2030	\$40.0 M
51323	New Project Point 345 kV Temporary Tap	Load Growth	6/1/2028	\$0.0 M

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Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
50054	New Bollinger County Solar 345 kV Ring Bus Substation (J1519)	12/01/2027	\$12.0 M
50055	New Reform Solar Odyssey 345 kV Ring Bus (J1836)	06/01/2027	\$12.0 M
50177	New Castle Bluff Energy Center Meramec 138 kV connection (R1047)	12/01/2026	\$3.5 M
50771	New Big Hollow CTG Energy Center interconnection (R1057)	06/01/2027	\$2.5 M
50772	New Big Hollow BESS Energy Center Connection (R1058)	06/01/2027	\$0.2 M
50776	New Macon County Solar Plainview 161 kV Ring Bus (J2050)	12/01/2027	\$17.0 M
51052	New Castle Bluff BESS Energy Center connection (R1059)	12/01/2026	\$1.0 M
51239	New Position at Spencer Creek 345 kV substation for Tom Sawyer Solar (J2288)	12/01/2026	\$0.1 M
51240	New Richter 161 kV Ring Bus for Mighty Mississippi Solar (J2155)	06/01/2028	\$13.4 M

Generator Interconnection Projects (GIPs) cont.

MTEP Project ID	Project Name	Expected ISD	Current Cost
51241	New Gibbs 345 kV Ring Bus for Adair PV 1 (J2142)	12/01/2028	\$14.4 M
51242	New Position at Montgomery 345 kV substation for Warren II Storage (J2179)	12/01/2028	\$7.4 M
51243	New Position at Hannibal W 161 kV for Lucky Rock Solar Farm (J1948)	06/01/2028	\$3.0 M
51260	New Scopus 345 kV Ring Bus for Scopus Solar (J2265)	12/01/2028	\$15.9 M
51261	New Wildcat 345 kV Ring Bus for Vichy Solar (J2238)	12/01/2028	\$19.0 M
51302	New Quinn 161 kV Ring Bus for Millcreek (E0017)	12/01/2027	\$10.6 M

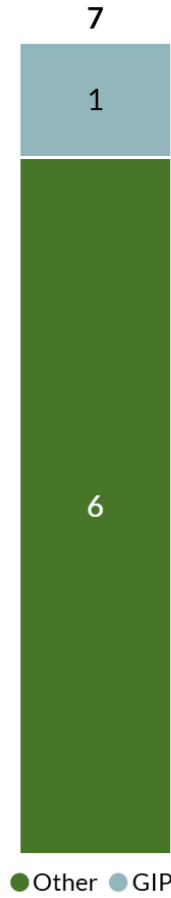
Ameren Transmission Company of Illinois

Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
51296	New Greenbrier 345 kV Ring Bus on Denny - Zachary 345 kV line Sullivan Renewable Energy Center (E0013)	GIP	Project added to MTEP26

AMEREN TRANSMISSION COMPANY OF ILLINOIS

MTEP26 Projects

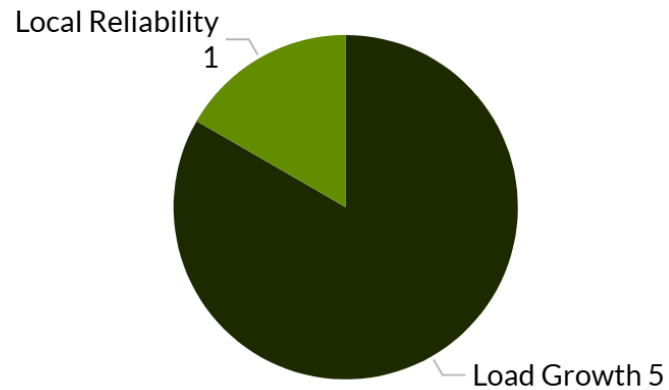


7
Total Projects

\$486M
Investment

Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

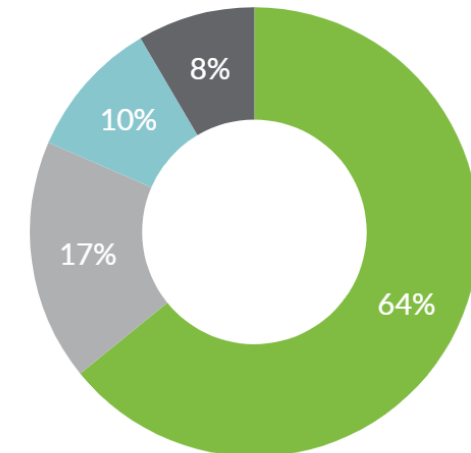
● 345 kV

100%

Project Facility Types

As a Percentage of Cost

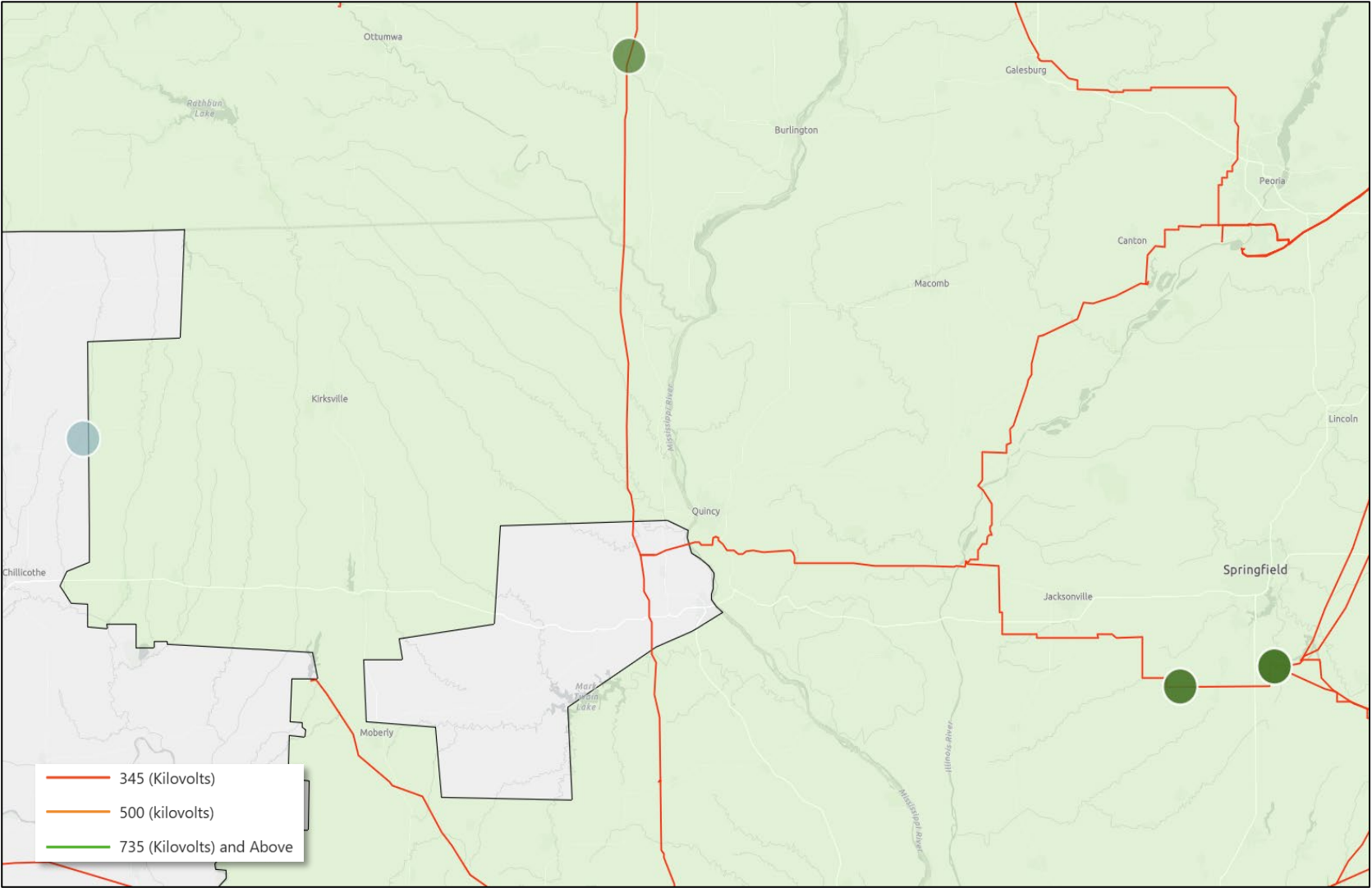
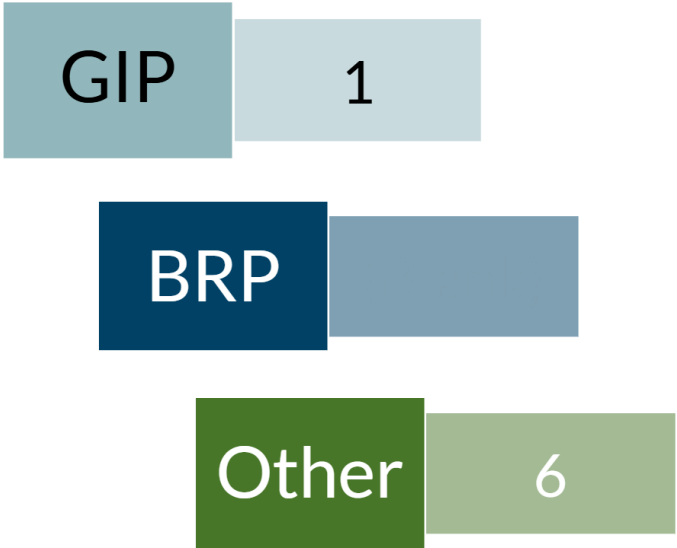
● Line New ● Substation ● Transformer ● Voltage Device



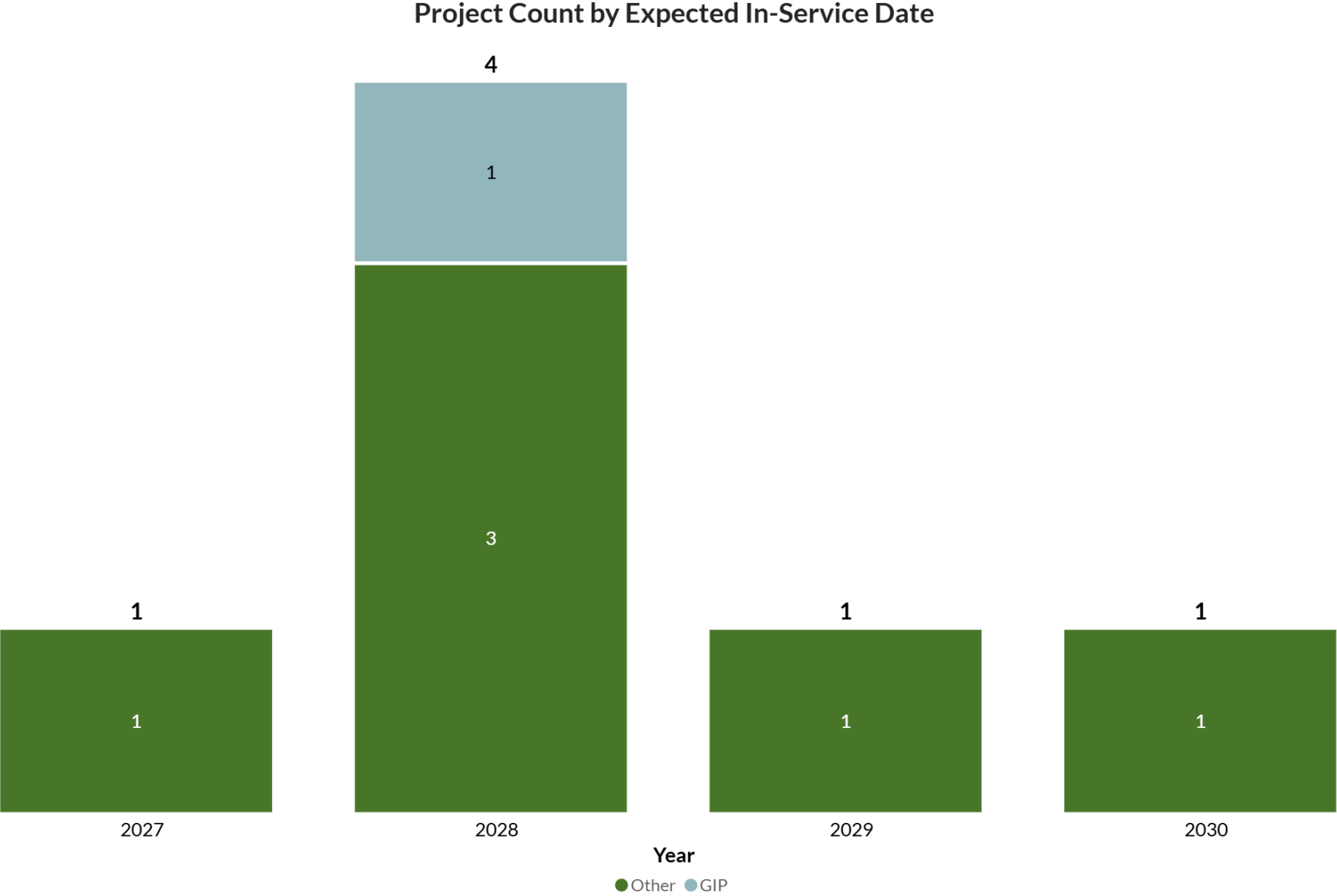
ATXI MTEP26 Project Type Breakdown

AMEREN TRANSMISSION COMPANY OF ILLINOIS

MTEP26 Summary



ATXI MTEP26 ISD Breakdown



Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50735</u>	<u>New RECC Load Addition at Mogul 345 kV substation (Phase 2)</u>	<u>Load Growth</u>	<u>12/01/2028</u>	<u>\$1.2 M</u>
<u>50736</u>	<u>New Load Addition at Austin 345 kV substation</u>	<u>Load Growth</u>	<u>12/01/2028</u>	<u>\$12.0 M</u>
50884	Upgrade Saunders 345/69kV substation (Phase 2)	Local Reliability	06/01/2029	\$50.0 M
51303	New RECC Load Addition at Mogul 345 kV Substation (Phase 3)	Load Growth	12/01/2028	\$18.6 M
51304	New Prairie Link 345 kV Load Addition	Load Growth	12/01/2030	\$387.5 M
51313	New Prairie Link 345 kV Temporary Connection	Load Growth	12/01/2027	\$2.0 M

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Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
51296	New Greenbrier 345 kV Ring Bus on Denny - Zachary 345 kV line Sullivan Renewable Energy Center (E0013)	12/01/2028	\$15.0 M

Citizens Electric Corporation

Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
50977	Replace New Bourbon 138 kV/69 kV transformer #1	Other – Age and Condition	Project ISD changed from 12/31/2026 to 12/31/2028

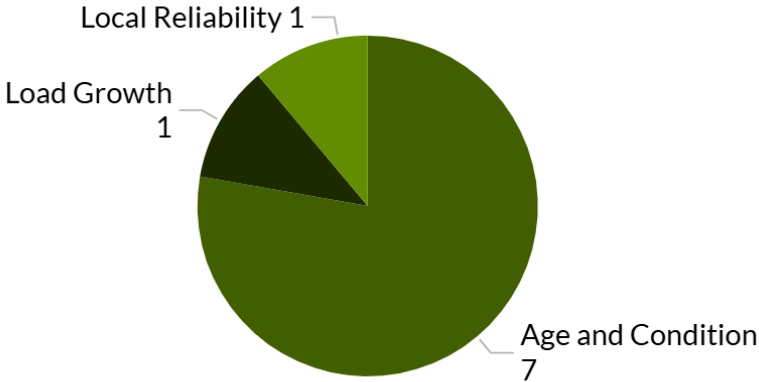
CITIZENS ELECTRIC CORPORATION 1

MTEP26 Projects



Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

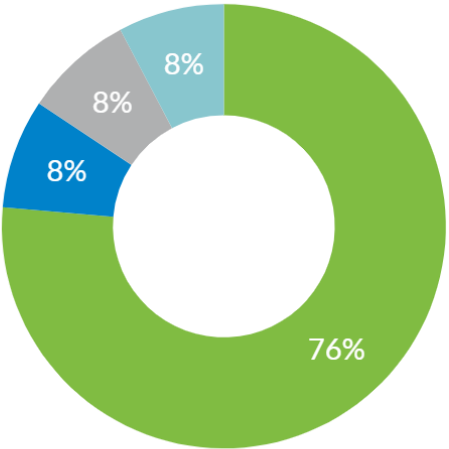
● ≤161 kV



Project Facility Types

As a Percentage of Cost

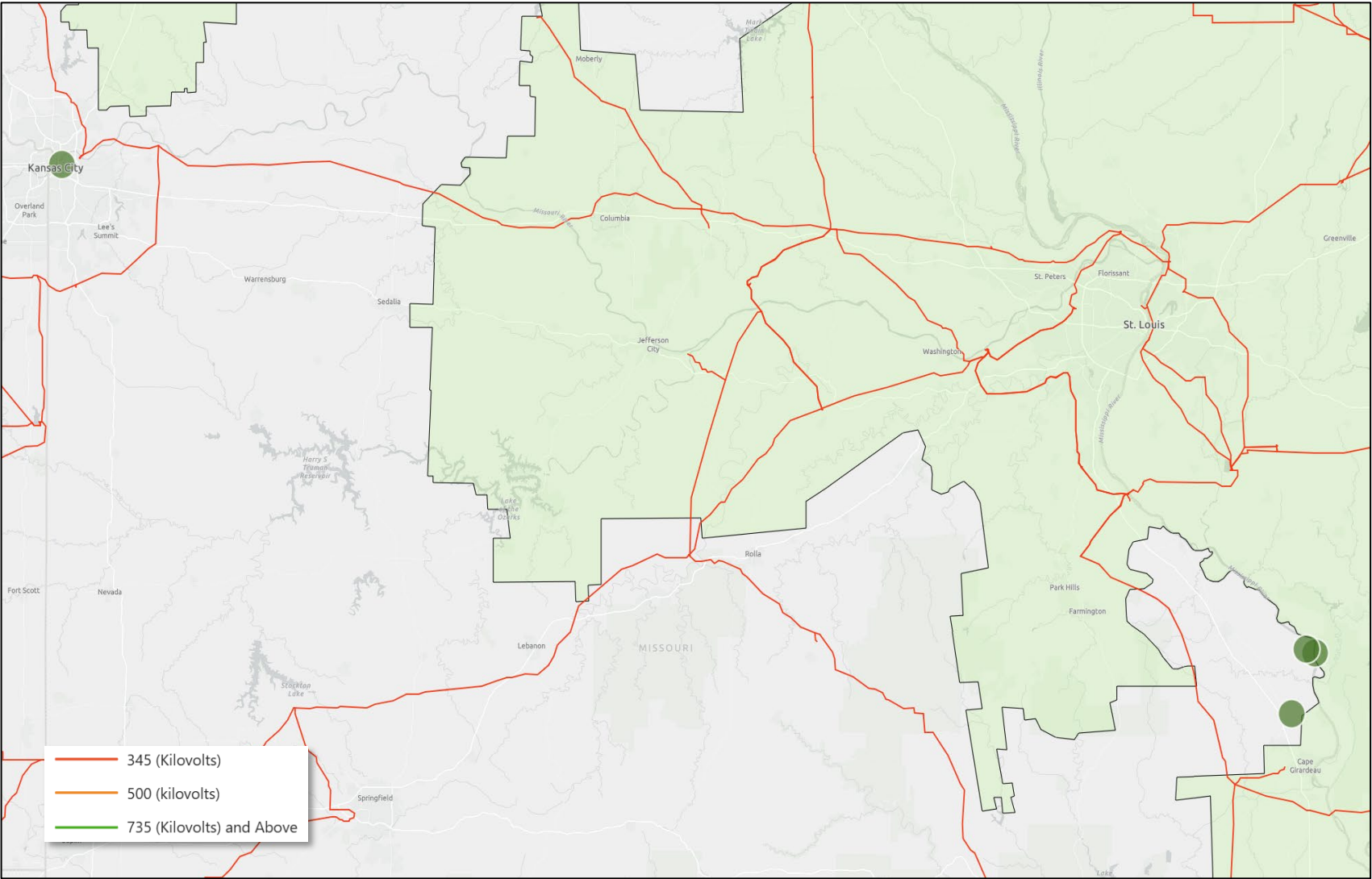
● Line New ● Line Upgrade ● Substation ● Transformer



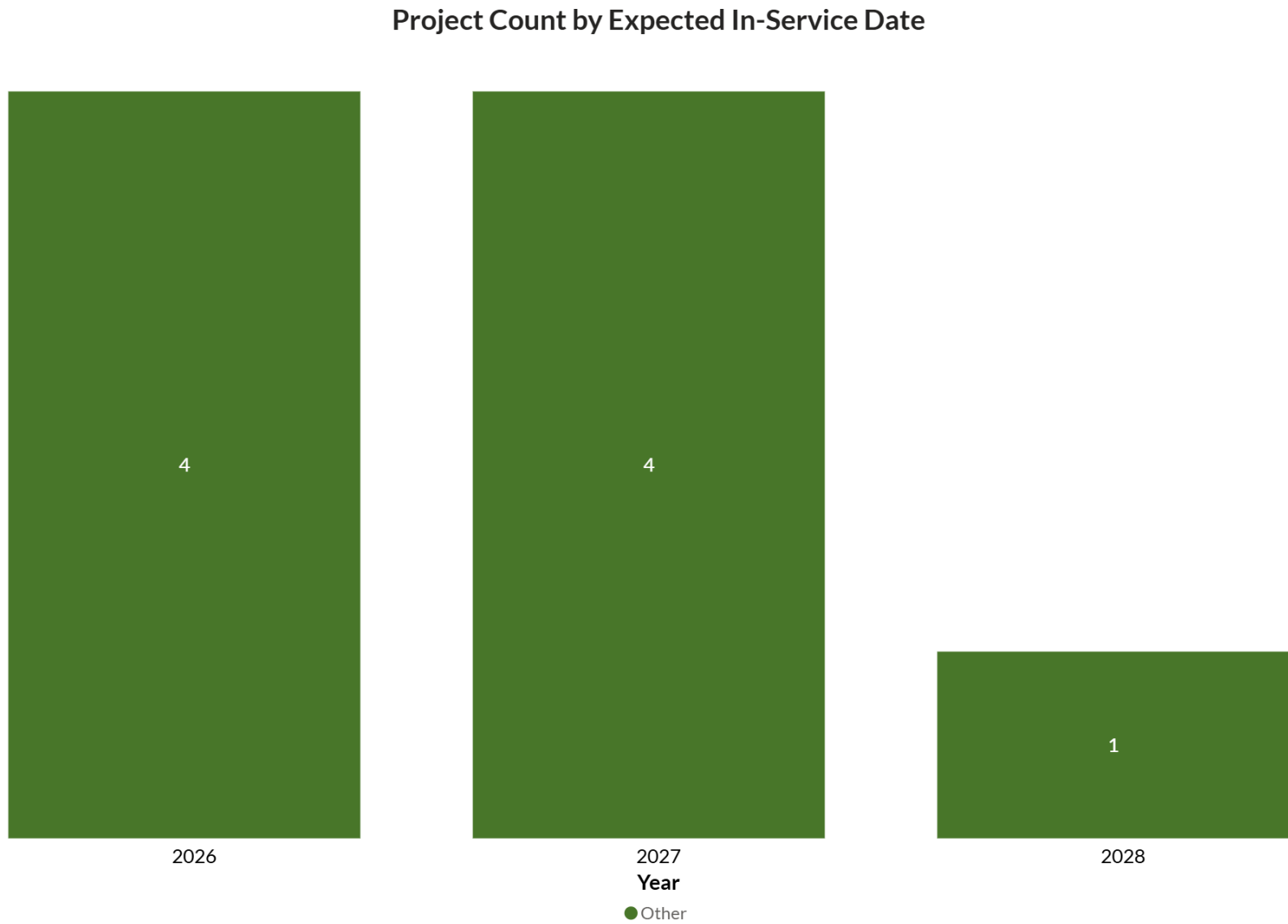
CEC MTEP26 Project Type Breakdown

CITIZENS ELECTRIC CORPORATION 1

MTEP26 Summary



CEC MTEP26 ISD Breakdown



Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50732</u>	<u>New Leemon 69 KV substation for load addition</u>	<u>Load Growth</u>	<u>06/01/2027</u>	<u>\$2.8 M</u>
<u>50796</u>	<u>Repair Wittenberg 138 kV Switching Station Access Road</u>	<u>Age and Condition</u>	<u>04/01/2027</u>	<u>\$1.5 M</u>
<u>50797</u>	<u>Remediate Grand Tower 138 kV Foundation Erosion</u>	<u>Age and Condition</u>	<u>04/01/2027</u>	<u>\$1.5 M</u>
50977	Replace New Bourbon 138 kV/69 kV transformer #1	Age and Condition	12/31/2028	\$4.5 M
51091	MTEP26 Transmission Pole Replacement Program, 138kv-69kV, various locations.	Age and Condition	12/31/2026	\$0.9 M
51105	Rebuild Citizens 69kV Line (Groups A & B)	Age and Condition	12/31/2026	\$1.6 M
51106	Rebuild Citizens 69kV Line (Groups C & E)	Age and Condition	12/31/2026	\$0.7 M
51108	Upgrade New Bourbon bus tie breaker (B40)	Age and Condition	12/31/2026	\$0.4 M
51325	New Valley View-Salem Bulk 69 kV line	Local Reliability	12/31/2027	\$44.5 M

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Unlabeled

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Questions?



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