



MTEP26 Project Information

MISO Central Region – Illinois

2nd Central Subregional Planning Meeting

Tuesday, June 2, 2026

Update (6/1/2026): project removed
from change table on slide 6

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*.

Illinois Region Overview

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

- AMIL: 56 projects at an estimated cost of \$556 million
- PPI: 13 projects at an estimated cost of \$77 million
- CWLP, GLH & SIPC did not submit projects for consideration in MTEP26

Ameren Illinois

Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
25121	New Coles Wind Wayward 345 kV Substation (J2128)	GIP	Project ISD changed from 12/1/2025 to 12/1/2026
51209	Rebuild Leatherneck 138 kV Ring Bus	Other – Age and Condition	Project ISD changed from 12/1/2028 to 12/1/2029, Project Type changed from 'BRP' to 'Other – Age and Condition'
51222	Edwards 3 R1055 BESS	GIP	Project added to MTEP26
51267	Cardinal Point Wind (J2189) New Position at Hornsby 138 kV	GIP	Project added to MTEP26
51268	Moonshine Storage (J2159) Relay Upgrade at Bootleg 138 kV	GIP	Project added to MTEP26
51269	Phoebe Energy Storage (J2203) New Position at East Quincy 138 kV	GIP	Project added to MTEP26
51270	Champaign Wind (J1967) New Position at Rantoul 138 kV	GIP	Project added to MTEP26
51271	Cumberland Road (J2036) New Position at Smuggler 138 kV	GIP	Project added to MTEP26
51272	Foxglove Wind (J2049) Raider 138 kV Ring Bus	GIP	Project added to MTEP26
51273	Gem City Solar (J2258) Talon 138 kV Ring Bus	GIP	Project added to MTEP26
51274	KCE IL 2 (J2195) New Position at Ramsey East 138 kV	GIP	Project added to MTEP26
51275	Prairie Flats Solar (J2273) New Position at Tabor 138 kV	GIP	Project added to MTEP26
51276	Prairie Violet (J2247) New Position at Woodhall 138 kV	GIP	Project added to MTEP26
51277	Saluki Power (J2151) Waters 138 kV Ring Bus	GIP	Project added to MTEP26
51278	San Jose BESS (J1882) New Position at San Jose Rail 138 kV	GIP	Project added to MTEP26

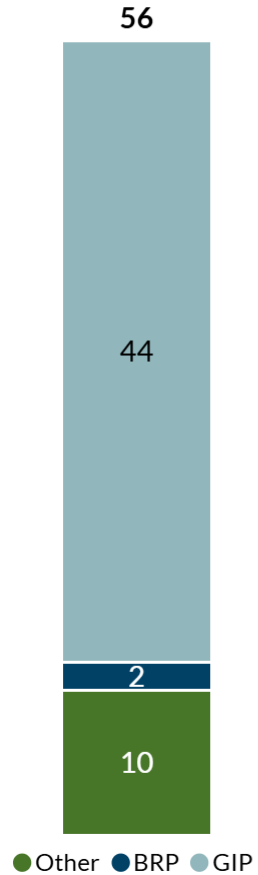
Update on Current Cycle Projects since SPM1

MTEP Project ID	Project Name	Project Type	Project Change
51279	Sky Yield Wind (J2311/J2312) New Position at Putnam 138 kV	GIP	Project added to MTEP26
51280	Tazewell Wind (J1926) New Position at Mackinaw 138 kV	GIP	Project added to MTEP26
51281	Woodberry Solar (J2136) New Position at Gilman South 138 kV	GIP	Project added to MTEP26
51282	BRP Rebel BESS (J2124) New Position at Rising 345 kV	GIP	Project added to MTEP26
51283	Crab Orchard Renewables (J2267) New Position at Stilley's 345 kV	GIP	Project added to MTEP26
51284	Fulton County Solar (J2186) New Position at Duck Creek 345 kV	GIP	Project added to MTEP26
51285	KCE IL 1 (J2197) New Position at Xenia 345 kV	GIP	Project added to MTEP26
51286	Mural Energy 2 - Solar (J2233) Marley 345 kV Ring Bus	GIP	Project added to MTEP26
51287	Rail Line Solar (J2033) Fauna 345 kV Ring Bus	GIP	Project added to MTEP26
51288	River Ferry Battery Storage (J2170) New Position at Snyder 345 kV	GIP	Project added to MTEP26
51289	Solar Eagle (J2171) Moonflower 345 kV Ring Bus	GIP	Project added to MTEP26
51290	Tunnel Hill Solar (J2156) Swampwood 345 kV Ring Bus	GIP	Project added to MTEP26
51291	Violet Solar (J2131) Isaac 345 kV Ring Bus	GIP	Project added to MTEP26
51292	Whitetail Renewables I (J2266) Thor 345 kV Ring Bus	GIP	Project added to MTEP26

Update (6/1/2026): project removed

AMEREN ILLINOIS

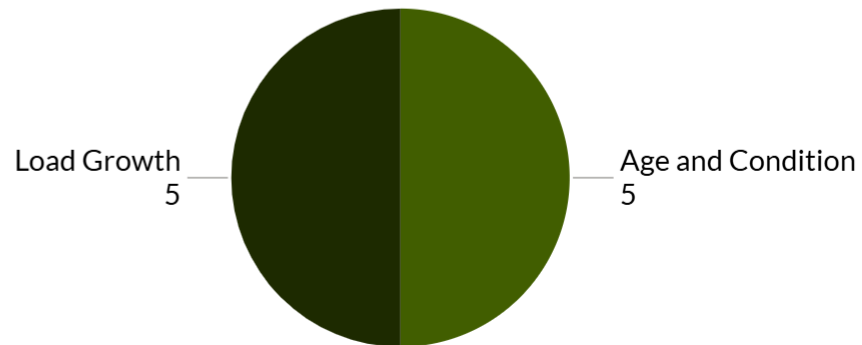
MTEP26 Projects



56
Total Projects

\$556M
Investment

Breakdown of Other Project Types By Project Count



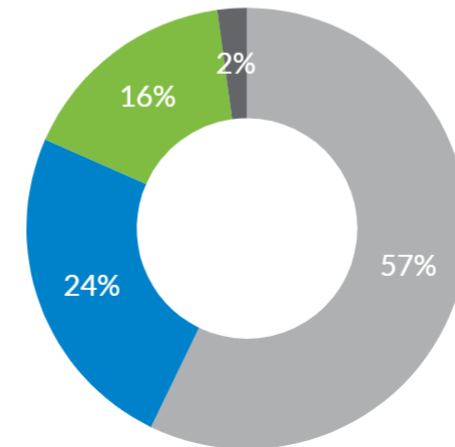
Line Miles by Voltage Level

● ≤161 kV ● 345 kV



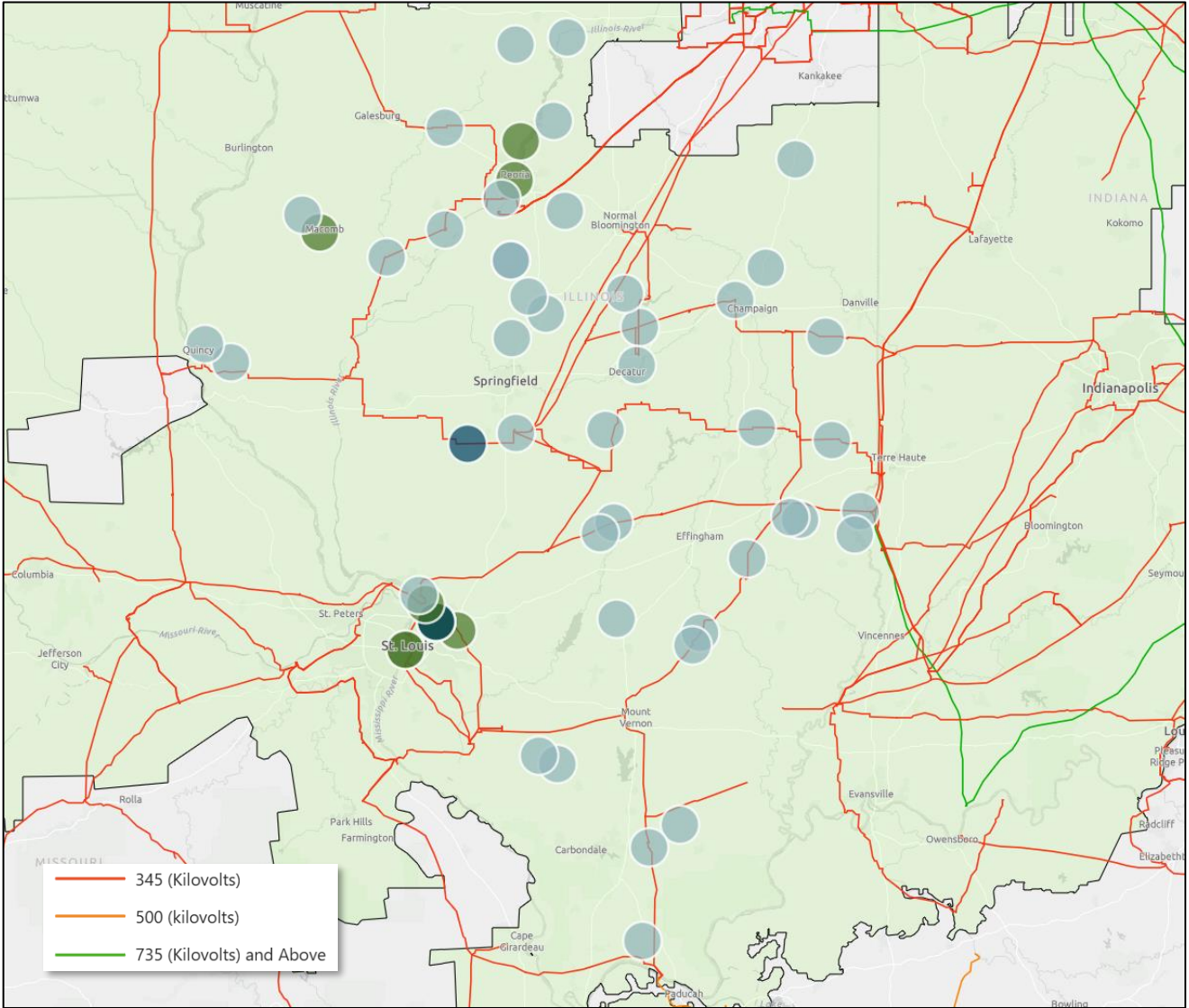
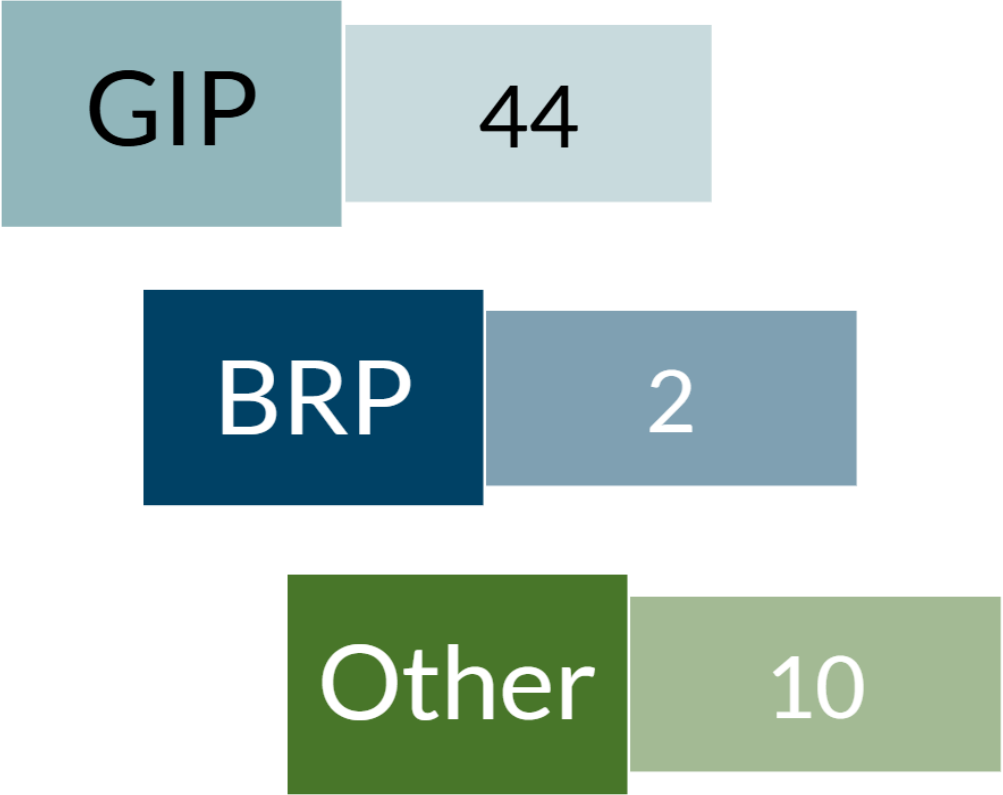
Project Facility Types As a Percentage of Cost

● Substation ● Line Upgrade ● Line New ● Voltage Device

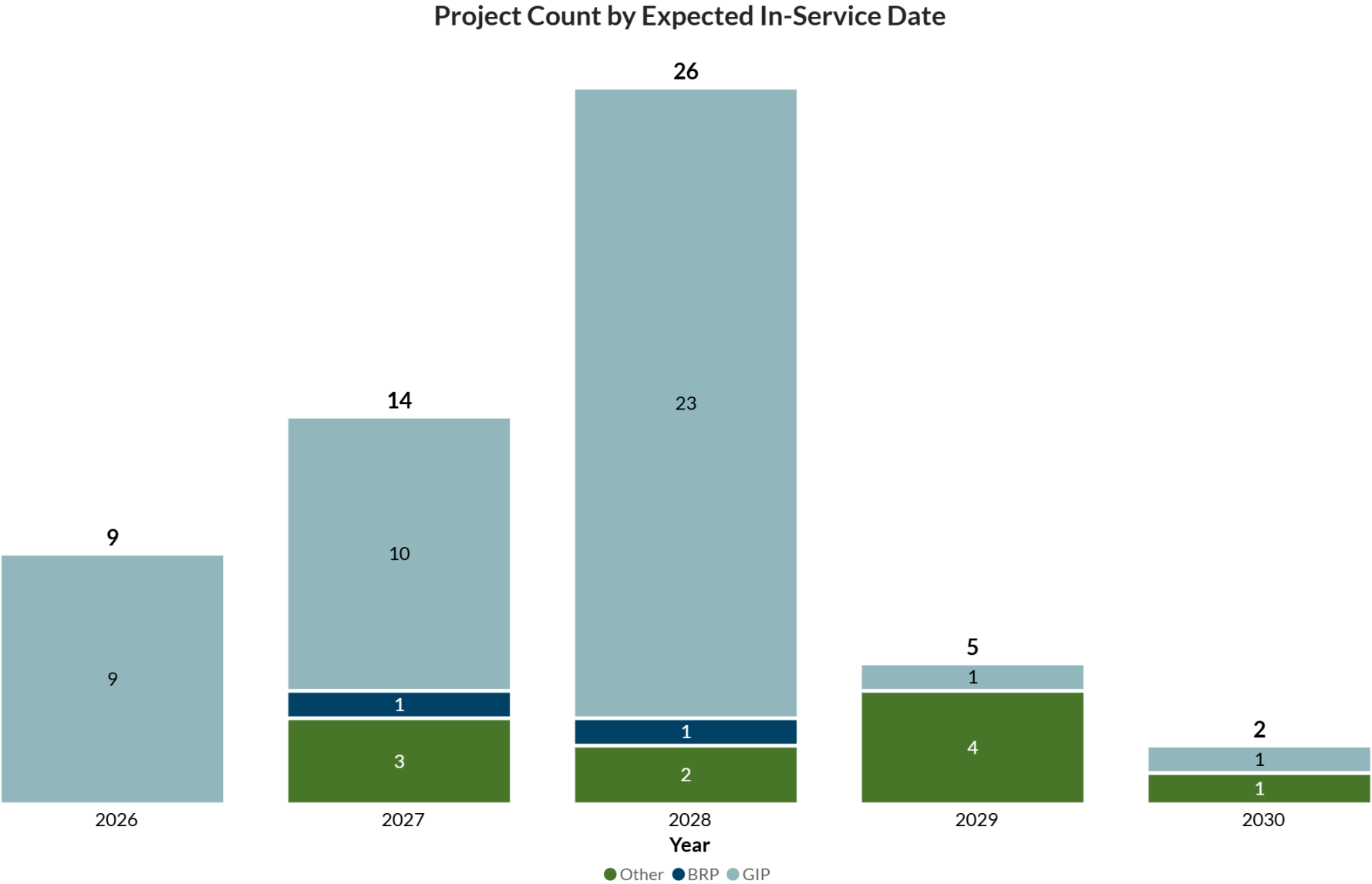


AMIL MTEP26 Project Type Breakdown

AMEREN ILLINOIS MTEP26 Summary



AMIL MTEP26 ISD Breakdown



BRP Project 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

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	Load Growth	06/01/2029	\$0.1 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

Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
25121	New Coles Wind Wayward 345 kV Substation (J2128)	12/01/2026	\$11.0 M
50046	New San Jose Solar 138 kV interconnection (J1653)	06/01/2027	\$0.8 M
50047	New Howlett 138 kV interconnection (J1651)	12/01/2026	\$0.8 M
50049	New Triple Black Diamond Solar 345 kV ring bus (J1840)	12/01/2027	\$12.0 M
50053	New Hercules Solar 138 kV interconnection (J1626)	12/01/2026	\$0.8 M
50076	New Shockey 138 kV interconnection (J1831)	06/01/2026	\$0.8 M
50078	New ADM North 138 kV Connection (J1839)	12/01/2027	\$0.8 M
50080	New Bureau 138 kV interconnection (J1755)	06/01/2026	\$0.8 M
50083	New Leghorn 345 kV Connection (J1677)	12/01/2026	\$1.1 M

Generator Interconnection Projects (GIPs) cont.

MTEP Project ID	Project Name	Expected ISD	Current Cost
50085	New San Jose Rail 138 kV Connection (J1725)	12/01/2026	\$0.8 M
50114	New Camp Creek Wind 138 kV Connection (J1701)	06/01/2027	\$9.5 M
50116	New Geranium Solar 345 kV interconnection (J1712)	12/01/2027	\$13.0 M
50117	New Cumberland Road South Solar 138 kV Connection (J1744)	06/01/2027	\$9.0 M
50773	Moro-Laclede NTP 478MVA Rebuild MPFCA	06/01/2029	\$15.0 M
50774	Four Creeks Wind (J2275) Wells 345kV Ring Bus	12/01/2027	\$16.2 M
51110	Mulligan Storage (S1048) Fogarty 138 kV Surplus Interconnection	07/01/2027	\$0.1 M
51117	C1801 Kincaid-Austin-4522 345 kV MPFCA	06/01/2027	\$20.7 M
51222	Edwards 3 R1055 BESS	06/01/2030	\$0.1 M

Generator Interconnection Projects (GIPs) cont.

MTEP Project ID	Project Name	Expected ISD	Current Cost
51267	Cardinal Point Wind (J2189) New Position at Hornsby 138 kV	12/01/2026	\$0.1 M
51268	Moonshine Storage (J2159) Relay Upgrade at Bootleg 138 kV	12/01/2026	\$0.1 M
51269	Phoebe Energy Storage (J2203) New Position at East Quincy 138 kV	12/01/2027	\$1.4 M
51270	Champaign Wind (J1967) New Position at Rantoul 138 kV	06/01/2028	\$1.1 M
51271	Cumberland Road (J2036) New Position at Smuggler 138 kV	06/01/2028	\$0.1 M
51272	Foxglove Wind (J2049) Raider 138 kV Ring Bus	06/01/2028	\$11.5 M
51273	Gem City Solar (J2258) Talon 138 kV Ring Bus	06/01/2028	\$14.6 M
51274	KCE IL 2 (J2195) New Position at Ramsey East 138 kV	06/01/2028	\$1.6 M
51275	Prairie Flats Solar (J2273) New Position at Tabor 138 kV	06/01/2028	\$0.6 M

Generator Interconnection Projects (GIPs) cont.

MTEP Project ID	Project Name	Expected ISD	Current Cost
51276	Prairie Violet (J2247) New Position at Woodhall 138 kV	06/01/2028	\$0.7 M
51277	Saluki Power (J2151) Waters 138 kV Ring Bus	06/01/2028	\$1.1 M
51278	San Jose BESS (J1882) New Position at San Jose Rail 138 kV	06/01/2028	\$0.1 M
51279	Sky Yield Wind (J2311/J2312) New Position at Putnam 138 kV	06/01/2028	\$0.7 M
51280	Tazewell Wind (J1926) New Position at Mackinaw 138 kV	06/01/2028	\$2.3 M
51281	Woodberry Solar (J2136) New Position at Gilman South 138 kV	06/01/2028	\$1.3 M
51282	BRP Rebel BESS (J2124) New Position at Rising 345 kV	12/01/2028	\$1.5 M
51283	Crab Orchard Renewables (J2267) New Position at Stilleys 345 kV	12/01/2028	\$1.2 M
51284	Fulton County Solar (J2186) New Position at Duck Creek 345 kV	12/01/2028	\$1.8 M

Generator Interconnection Projects (GIPs) cont.

MTEP Project ID	Project Name	Expected ISD	Current Cost
51285	KCE IL 1 (J2197) New Position at Xenia 345 kV	12/01/2028	\$15.6 M
51286	Mural Energy 2 - Solar (J2233) Marley 345 kV Ring Bus	12/01/2028	\$7.5 M
51287	Rail Line Solar (J2033) Fauna 345 kV Ring Bus	12/01/2028	\$14.6 M
51288	River Ferry Battery Storage (J2170) New Position at Snyder 345 kV	12/01/2028	\$1.7 M
51289	Solar Eagle (J2171) Moonflower 345 kV Ring Bus	12/01/2028	\$18.6 M
51290	Tunnel Hill Solar (J2156) Swampwood 345 kV Ring Bus	12/01/2028	\$15.3 M
51291	Violet Solar (J2131) Isaac 345 kV Ring Bus	12/01/2028	\$50.0 M
51292	Whitetail Renewables I (J2266) Thor 345 kV Ring Bus	12/01/2028	\$15.6 M

Prairie Power, Inc.

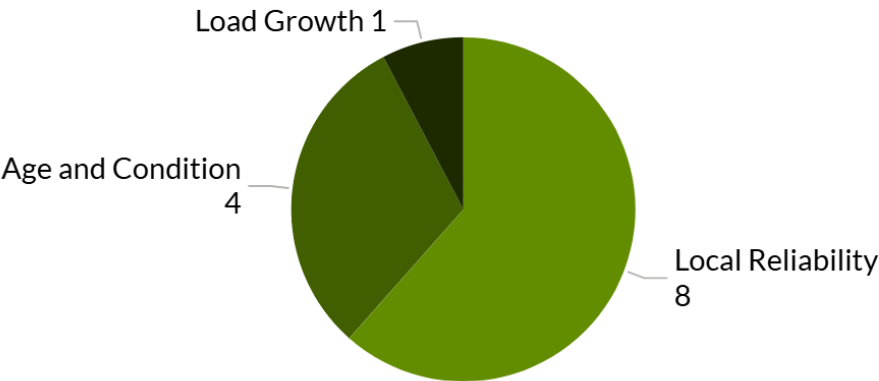
PRAIRIE POWER, INC.

MTEP26 Projects



Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

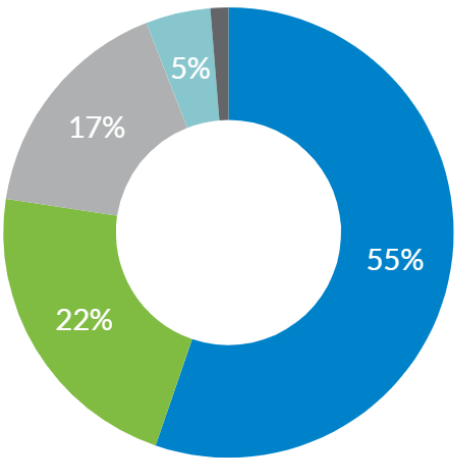
● ≤161 kV



Project Facility Types

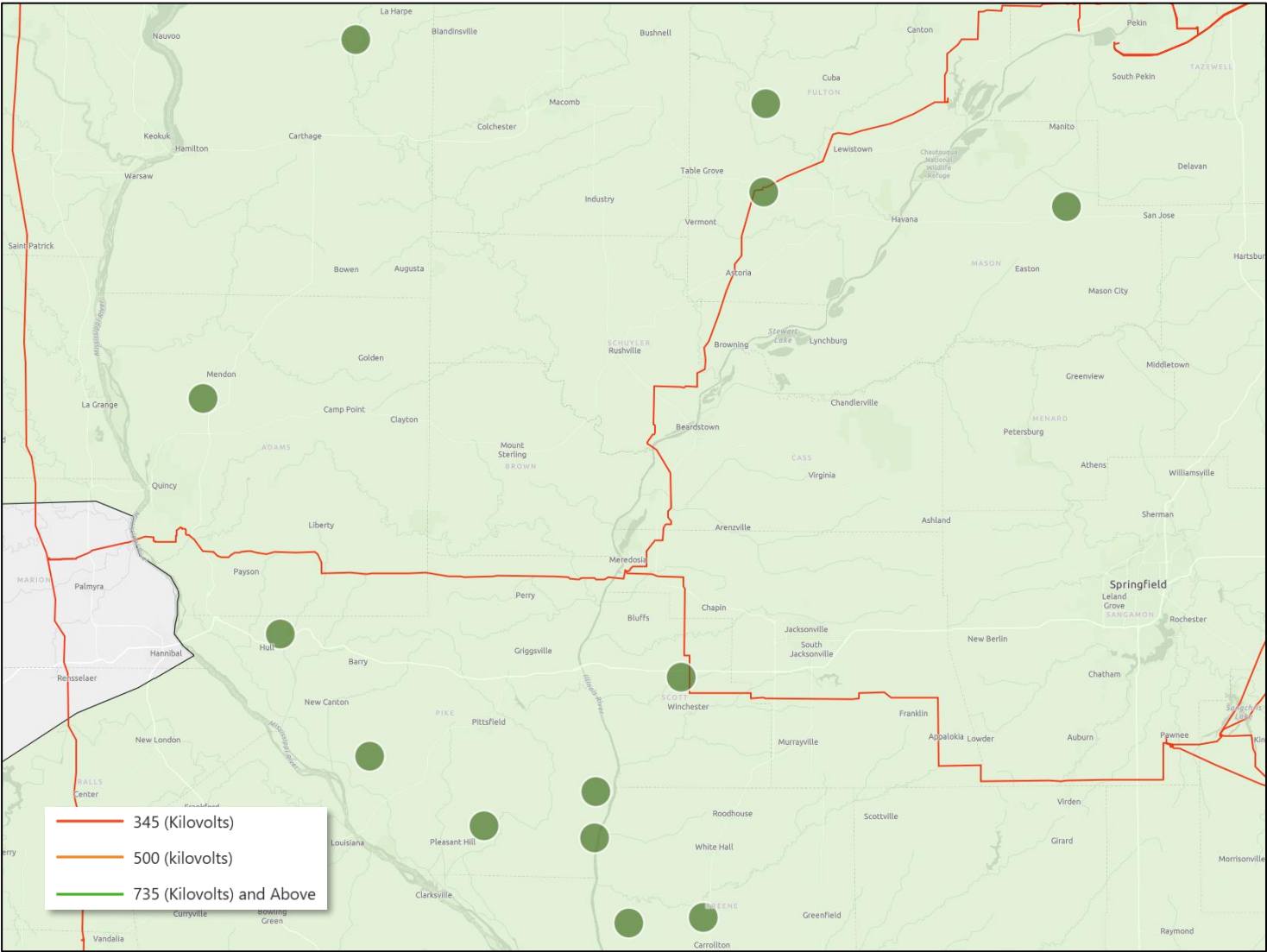
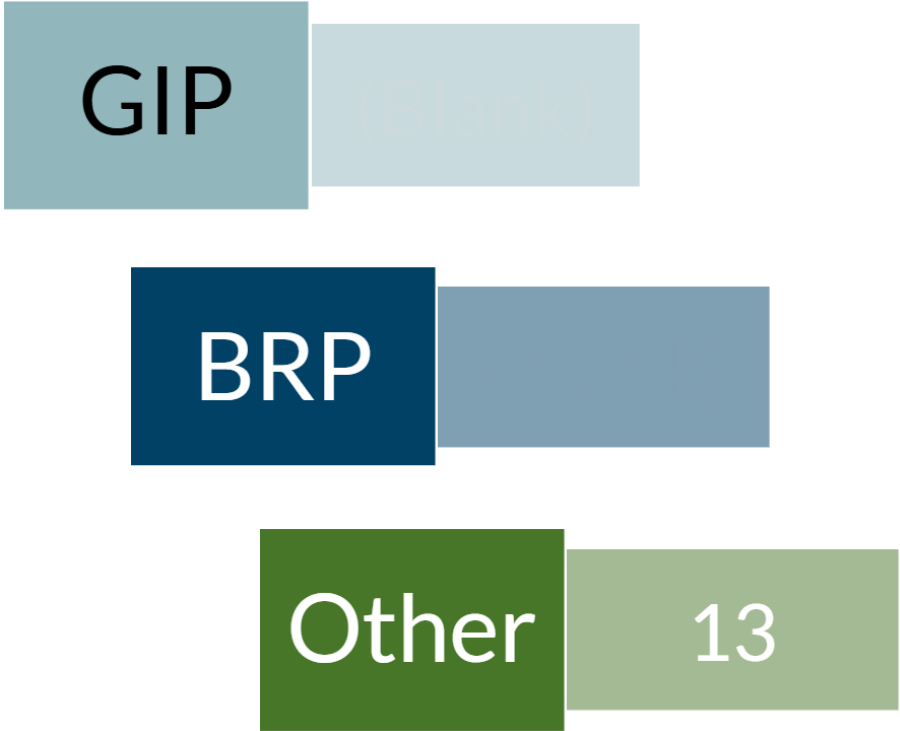
As a Percentage of Cost

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



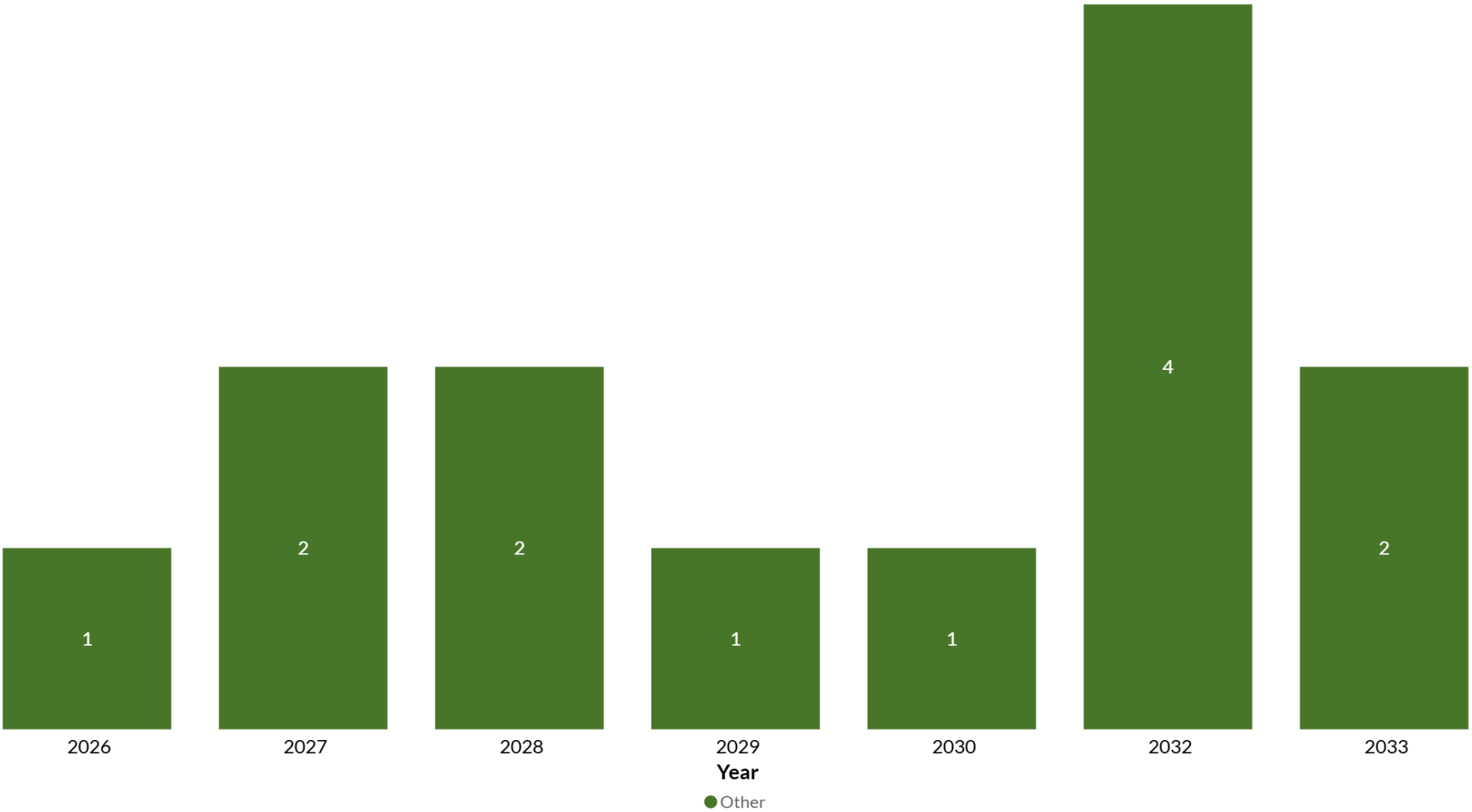
PPI MTEP26 Project Type Breakdown

PRAIRIE POWER, INC. MTEP26 Summary



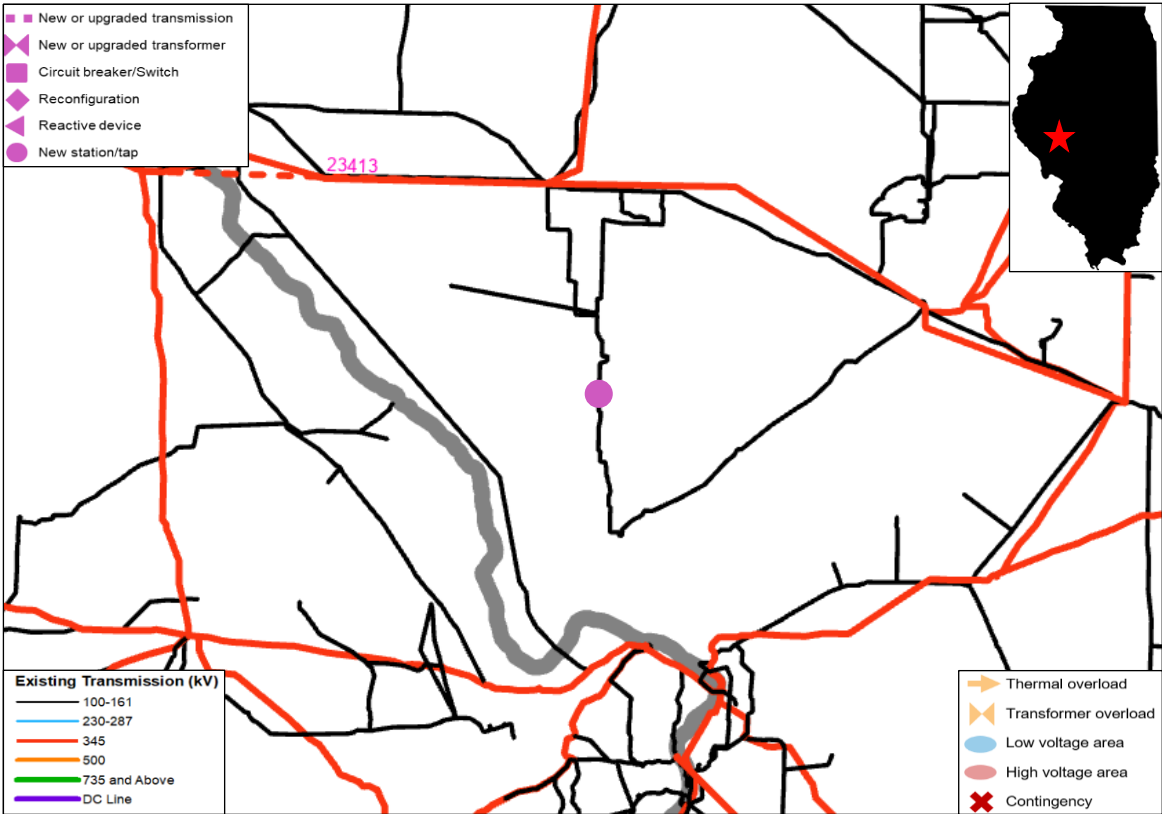
PPI MTEP26 ISD Breakdown

Project Count by Expected In-Service Date



Other, Load Growth Highlight

Details for New Hopewell 138/69 kV Substation and Lines



MTEP Project ID	50805
Project Name	New Hopewell 138/69 kV Substation and Lines
Project Type	Other
Other Type	Load Growth
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	\$10.8 M
Expected ISD	12/01/2029
Target Appendix	A

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50798	Upgrade Disco 138/69 kV Transformer	Local Reliability	12/01/2026	\$0.6 M
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	12/02/2027	\$3.9 M
50802	New Quaker 69 kV Breaker Station	Local Reliability	12/01/2028	\$2.8 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	\$3.5 M
50805	New Hopewell 138/69 kV Substation and Lines	Load Growth	12/01/2029	\$10.8 M
50806	Rebuild Pearl Tap-Smith Jct. W. 69 kV Line	Age and Condition	12/01/2032	\$5.7 M
50807	Rebuild Pearl Tap-Pearl 69 kV Line	Age and Condition	12/01/2032	\$1.3 M

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Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50808	Rebuild Barry-E. Hannibal 69 kV Line	Age and Condition	12/01/2032	\$9.8 M
50809	Rebuild Winchester-Wolf Run 69 kV Line	Local Reliability	12/01/2032	\$10.0 M
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

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Contacts

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Questions?



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