



MTEP26 Project Information

MISO Central Region – Indiana/Kentucky

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

Central Region Overview

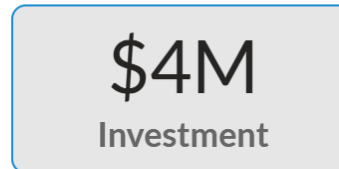
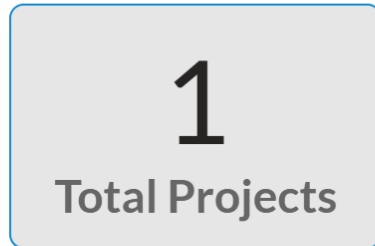
The details of MTEP26 projects and their costs per Central Region TO are shown below:

- BREC: 1 project at an estimated cost of \$4 million
- DEI: 15 projects at an estimated cost of \$375 million
- HE: 16 projects at an estimated cost of \$509 million
- IPL: 9 projects at an estimated cost of \$229 million
- NIPSCO: 7 projects at an estimated cost of \$172 million
- SIGE: 13 projects at an estimated cost of \$90 million
- WVPA: 13 projects at an estimated cost of \$138 million
- AEP, HMPL, PION, RTX did not submit projects for consideration in MTEP26

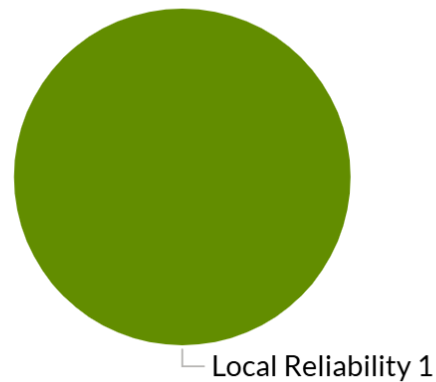
Big Rivers Electric Corporation

BIG RIVERS ELECTRIC CORPORATION

MTEP26 Projects



Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

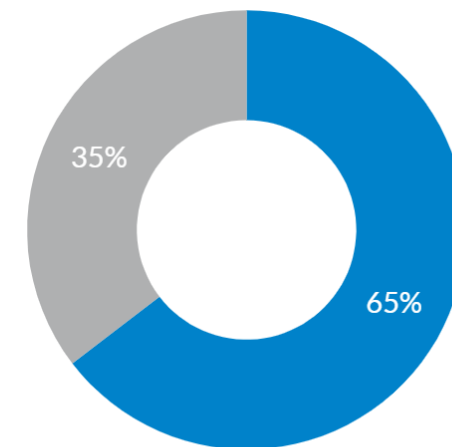
● 345 kV



Project Facility Types

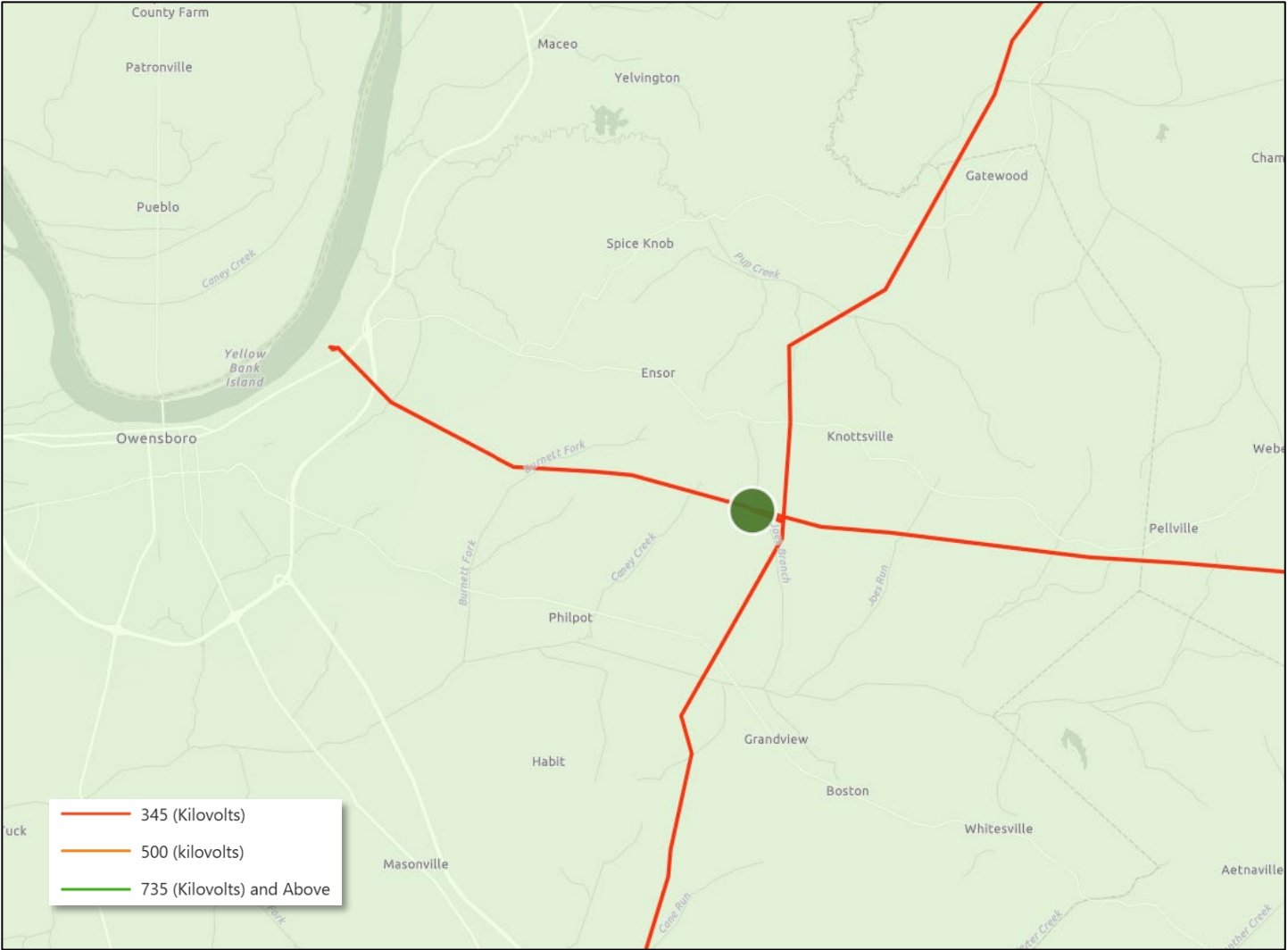
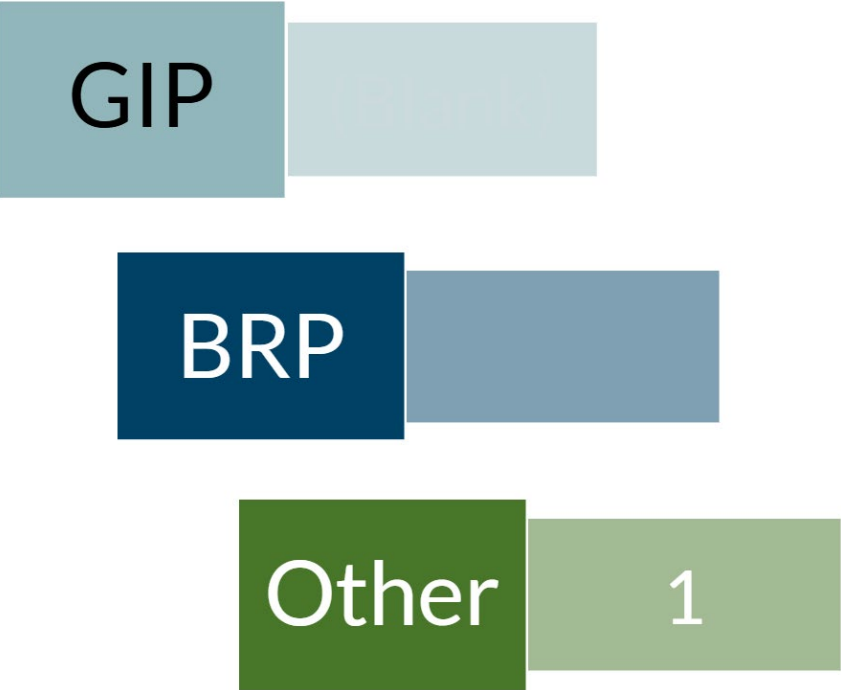
As a Percentage of Cost

● Line Upgrade ● Substation



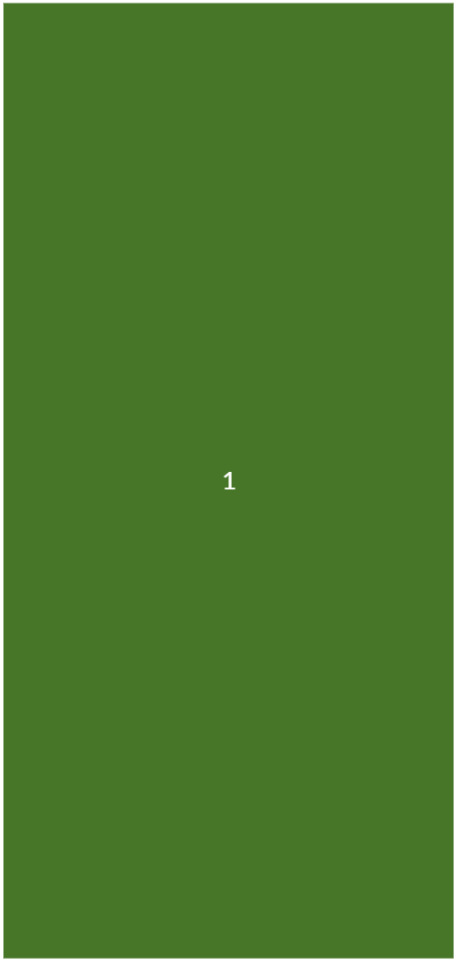
BREC MTEP26 Project Type Breakdown

BIG RIVERS ELECTRIC CORPORATION MTEP26 Summary



BREC MTEP26 ISD Breakdown

Project Count by Expected In-Service Date



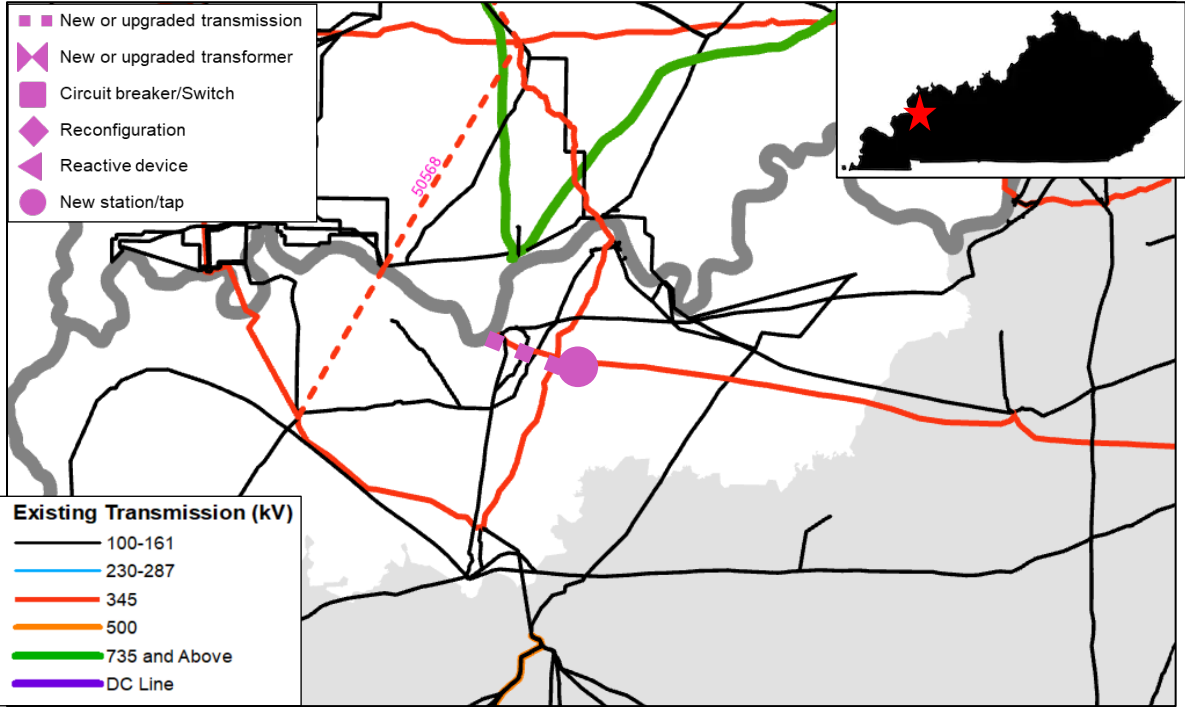
2027
Year

● Other

Unlabeled

Other, Local Reliability Highlight

Details for BREC Ownership of DEHV Station 345 kV



MTEP Project ID	51062
Project Name	BREC Ownership of DEHV Station 345 kV
Project Type	Other
Other Type	Local Reliability
Project Description	BREC is purchasing the existing DEHV station and DEHV-OMU transmission line from LGEE.
System Need	The station is in the middle of an existing BREC 345kV line. The purchase will provide BREC functional control of facilities between BREC's WEHV and CEHV stations as it is part of BREC's 345kV backbone.
Current Cost	\$3.7 M
Expected ISD	03/01/2027
Target Appendix	A

Other Projects

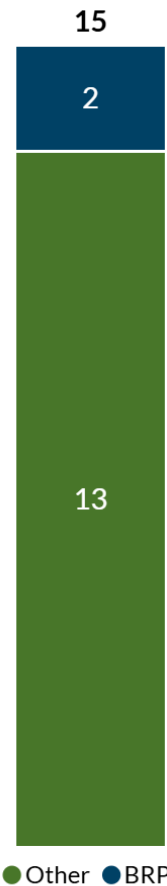
MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
51062	BREC Ownership of DEHV Station 345 kV	Local Reliability	03/01/2027	\$3.7 M

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.

Duke Energy Indiana

DUKE ENERGY INDIANA, LLC

MTEP26 Projects

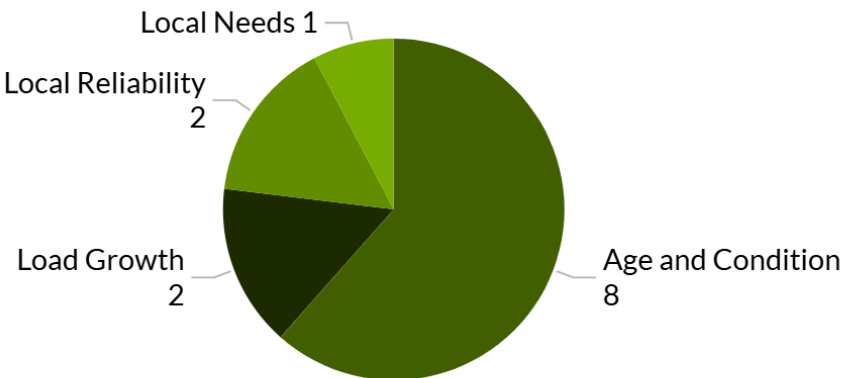


15
Total Projects

\$375M
Investment

Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

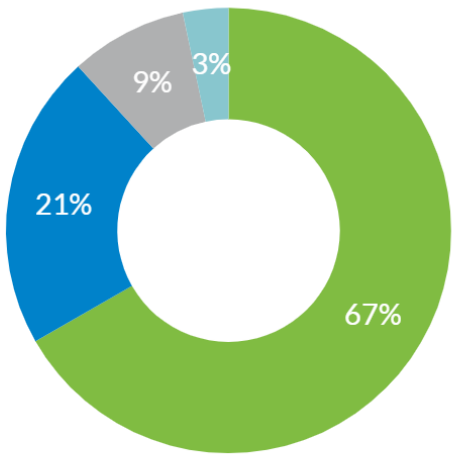
● ≤161 kV ● 230 kV ● 345 kV



Project Facility Types

As a Percentage of Cost

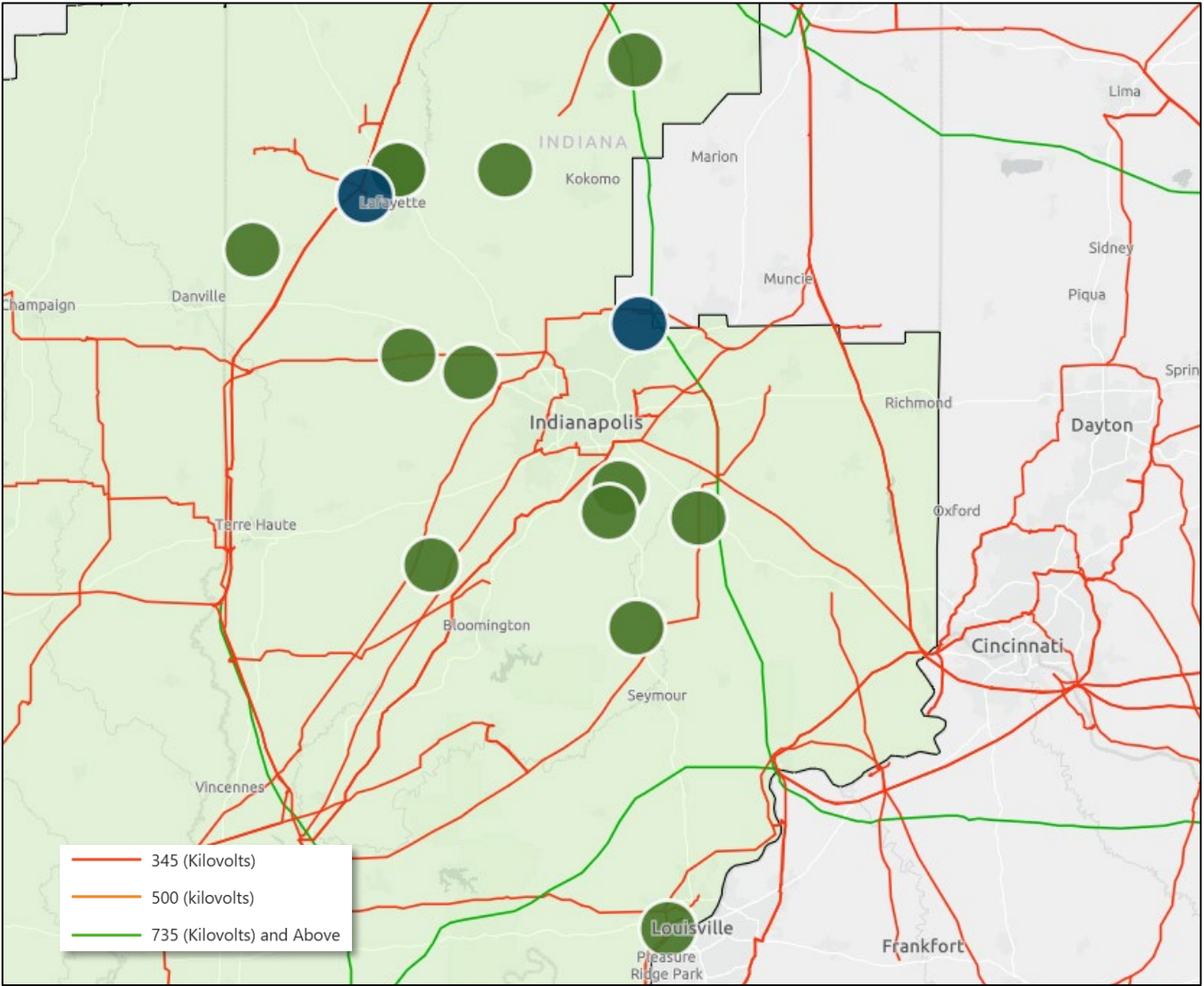
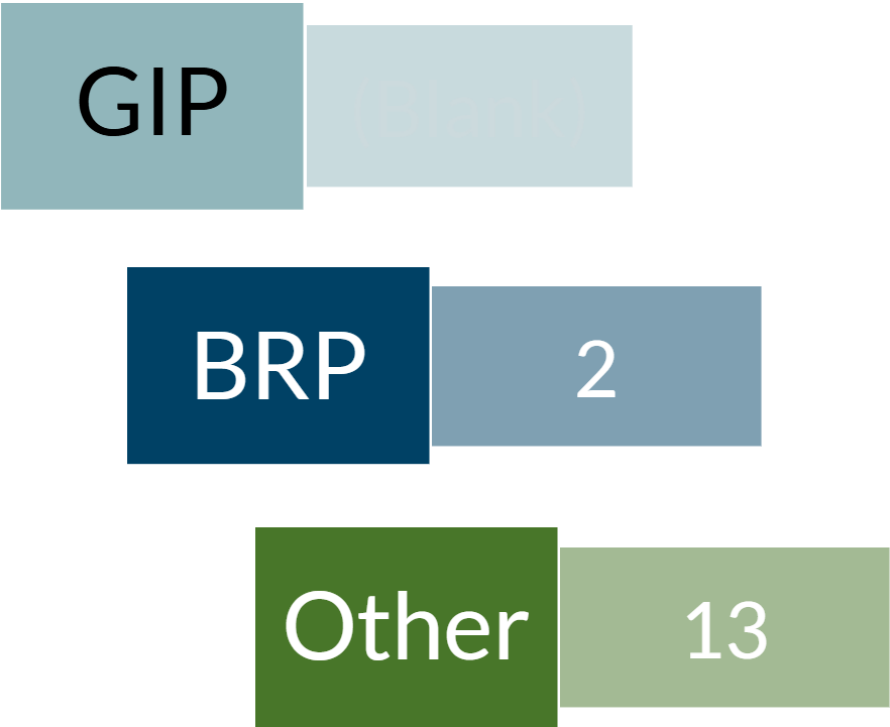
● Line New ● Line Upgrade ● Substation ● Transformer



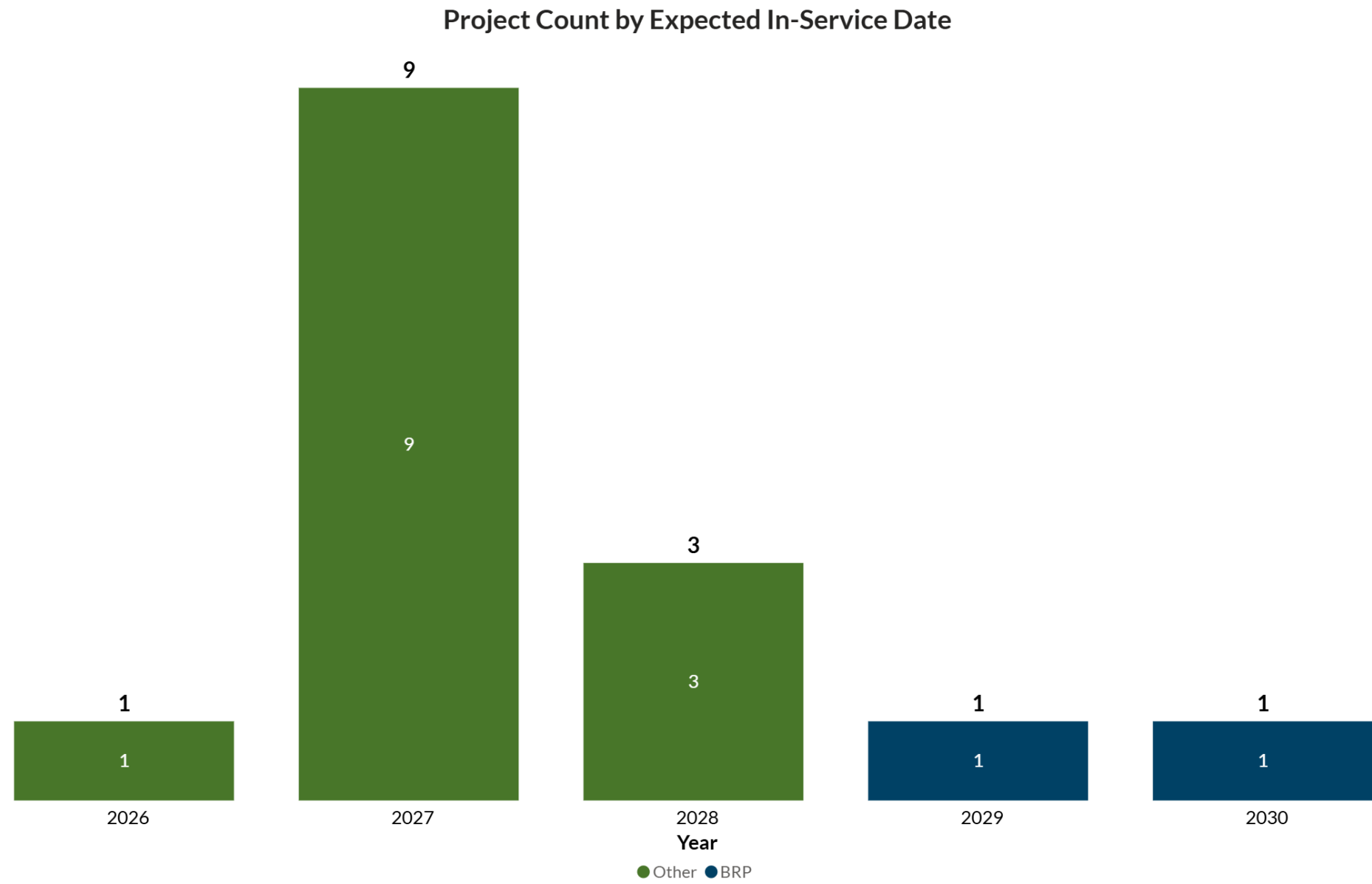
DEI MTEP26 Project Type Breakdown

DUKE ENERGY INDIANA, LLC

MTEP26 Summary



DEI MTEP26 ISD Breakdown



BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>51103</u>	<u>New Westwood to LEAP 345 kV Lines</u>	<u>06/01/2029</u>	<u>\$250.3 M</u>
51351	Rebuild Noblesville to Durbin 230kV line	06/01/2030	\$13.4 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
50748	Replace Nucor Steel 345 kV CBs and Relays	Age and Condition	12/04/2028	\$8.2 M
50749	New Prescott 345/69 kV Bank 2 addition	Local Needs	11/01/2027	\$10.6 M
50847	New Jamestown East 69/12kV substation	Load Growth	03/14/2028	\$0.7 M
50850	Rebuild HE Willard Green Jct to HE Rocklane Jct 69 kV line	Local Reliability	03/01/2027	\$7.5 M
50901	Replace Franklin 230 kV sub 69 kV Breaker and Relay	Age and Condition	12/09/2027	\$4.2 M
50902	Upgrade Columbus Denois Crk 230 kV Ring Bus	Local Reliability	08/10/2028	\$12.7 M
50903	Relace Spencer 230 kV substation Relay	Age and Condition	05/20/2027	\$6.2 M
50904	Rebuild Deedsville 69 kV to Wabash West Jct 69 kV line - 6925 ckt.	Age and Condition	12/16/2027	\$20.5 M
50905	Rebuild Wabash 138 kV to Lagro Jct 69 kV line - 6921 ckt.	Age and Condition	10/28/2027	\$12.0 M

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50906	Rebuild Bringhurst to Deer Creek Jct 69 kV line - 6988 ckt.	Age and Condition	06/04/2027	\$9.7 M
50907	Rebuild Battle Ground to TETC Jct 69 kV line - 61888 ckt.	Age and Condition	07/06/2027	\$9.9 M
50908	Rebuild Tab Jct to Marshfield 69 kV line - 6936 ckt.	Age and Condition	12/03/2027	\$7.5 M
<u>51207</u>	<u>New Gallagher 230 kV Load Addition</u>	<u>Load Growth</u>	<u>06/01/2026</u>	<u>\$1.8 M</u>

Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
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Hoosier Energy

HOOSIER ENERGY

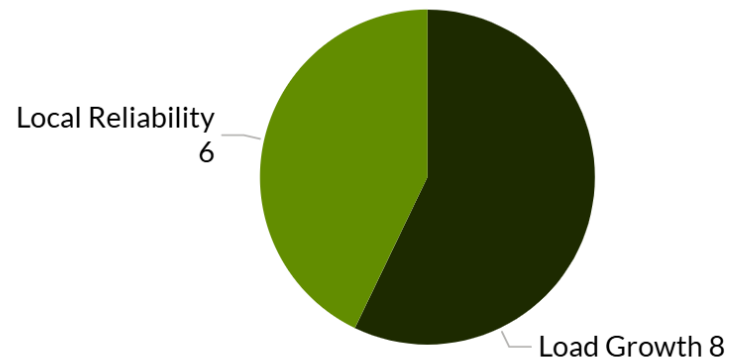
MTEP26 Projects



16
Total Projects

\$509M
Investment

Breakdown of Other Project Types By Project Count



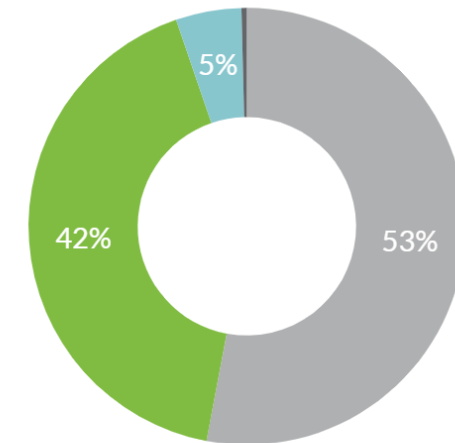
Line Miles by Voltage Level

● ≤161 kV ● 345 kV



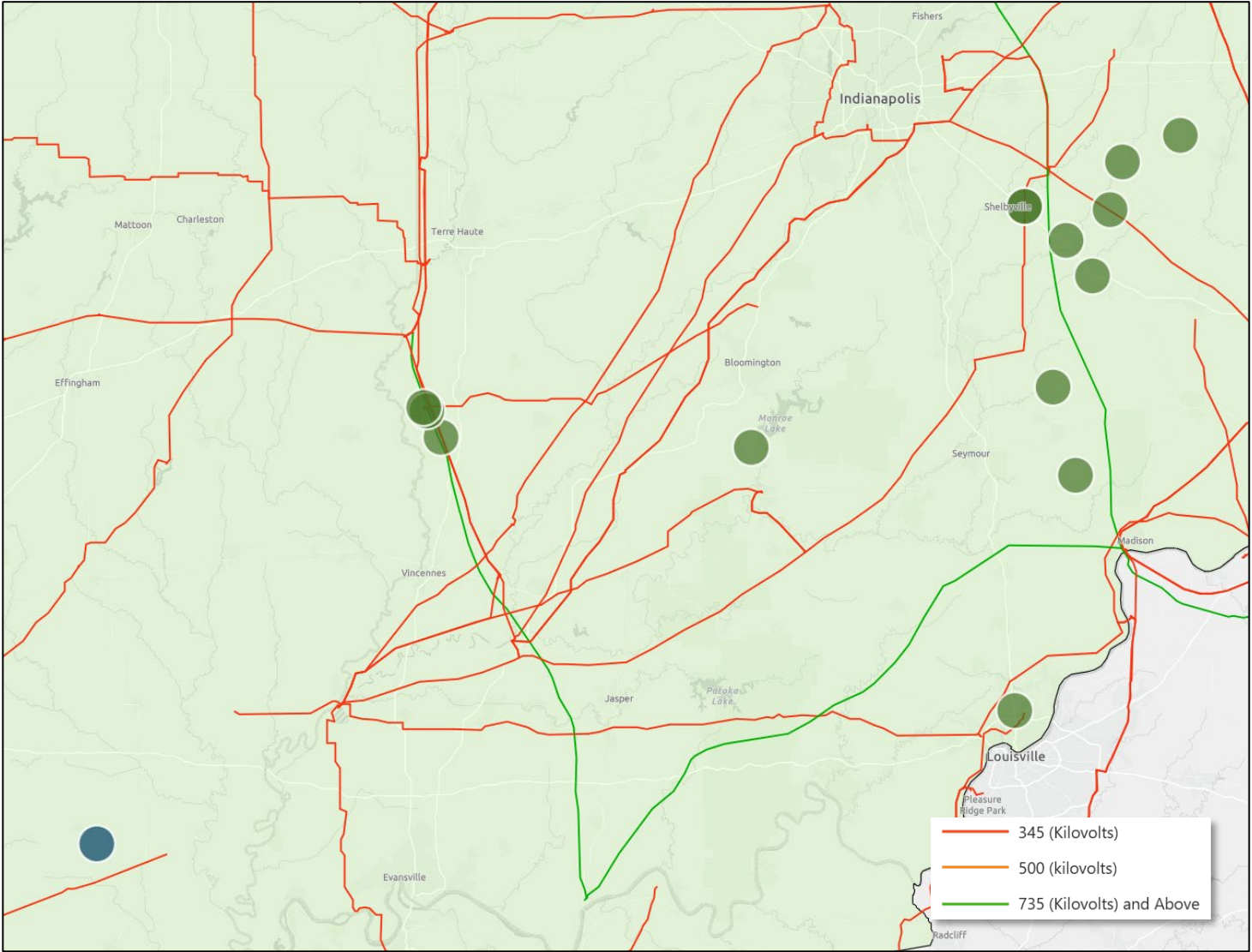
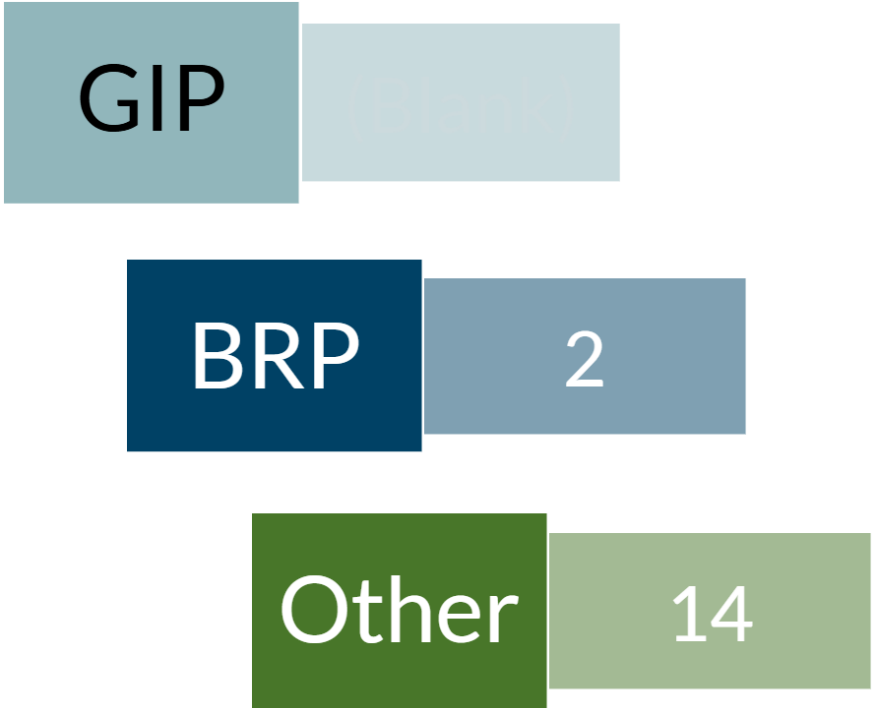
Project Facility Types As a Percentage of Cost

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

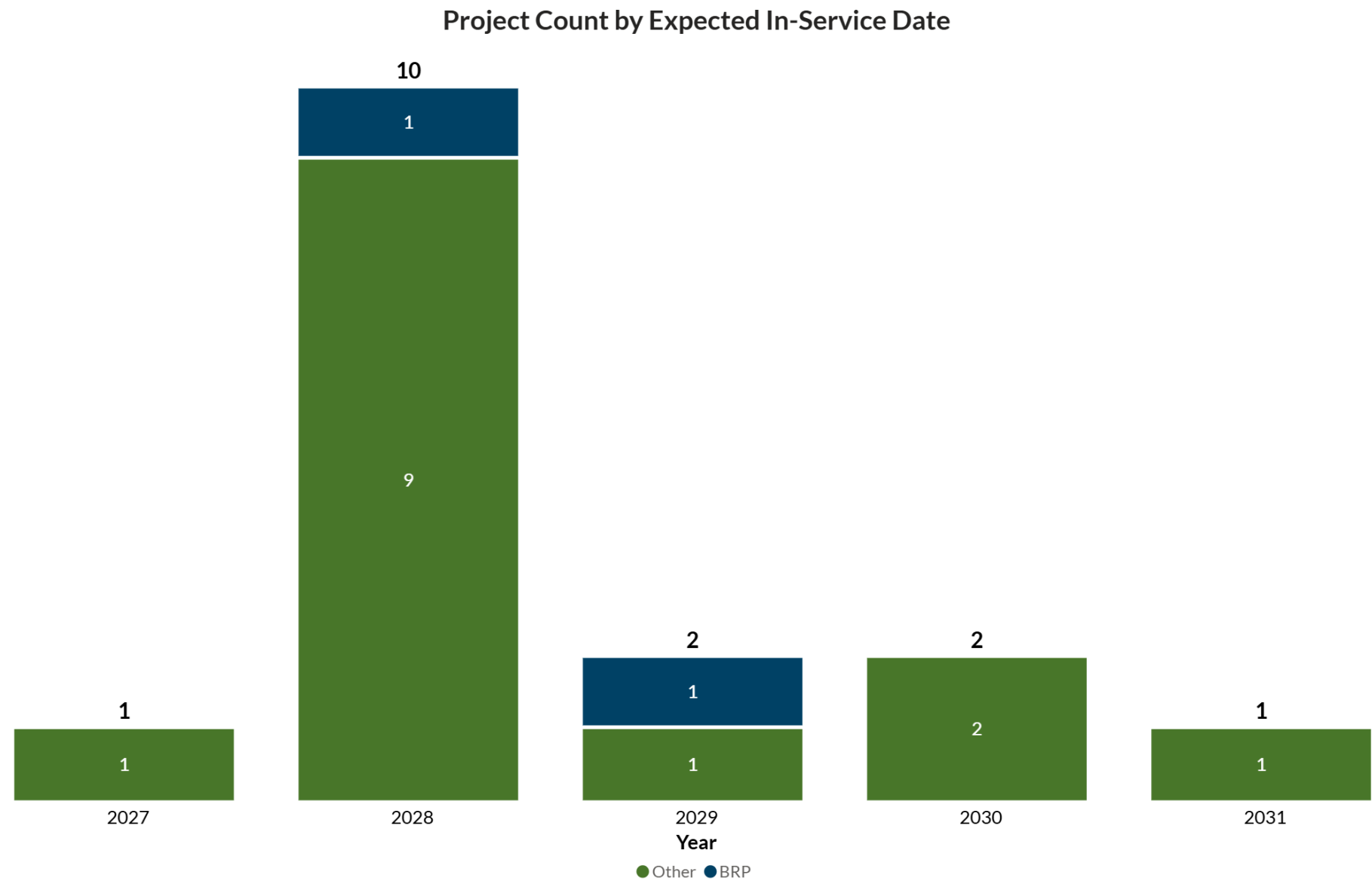


HE MTEP26 Project Type Breakdown

HOOSIER ENERGY MTEP26 Summary



HE MTEP26 ISD Breakdown



BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
51056	Remove SIPC Transmission Line - Wheeler Creek 138 kV	12/01/2029	\$0.1 M
<u>51152</u>	<u>New Merom to Gill 345 kV Line addition</u>	<u>01/01/2028</u>	<u>\$2.0 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
50833	Uprate Merom to Worthington 345 kV Terminal	Load Growth	12/01/2031	\$1.0 M
51047	New Walnut Ridge 138/12 kV Substation	Local Reliability	03/01/2028	\$3.9 M
51048	New Falmouth 138/12 kV Substation	Local Reliability	03/01/2028	\$3.9 M
51049	Upgrade Guthrie 34.5/12 kV Substation	Local Reliability	03/01/2029	\$2.3 M
<u>51051</u>	<u>New Greensburg 138 kV Load Addition</u>	<u>Load Growth</u>	<u>07/01/2028</u>	<u>\$11.1 M</u>
<u>51088</u>	<u>New Morgan County 345/69 kV Transmission Station and 69 kV Line</u>	<u>Local Reliability</u>	<u>12/01/2030</u>	<u>\$44.3 M</u>
<u>51089</u>	<u>New Jennings County 161/69 kV Transmission Station and 69 kV Line</u>	<u>Local Reliability</u>	<u>12/01/2028</u>	<u>\$56.9 M</u>
<u>51090</u>	<u>New St.Joesph to Northside 138 kV Line and 138/12 kV Station</u>	<u>Load Growth</u>	<u>03/01/2028</u>	<u>\$27.2 M</u>
<u>51093</u>	<u>New Gill 345 kV Station and 345 kV Lines</u>	<u>Load Growth</u>	<u>01/01/2028</u>	<u>\$75.3 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.

Unlabeled

Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>51145</u>	<u>New Crossroads 345 kV Transmission Station and Load</u>	<u>Load Growth</u>	<u>10/01/2027</u>	<u>\$86.0 M</u>
51307	New Hackman Phase 1 Load addition	Load Growth	06/01/2028	\$35.0 M
51308	New Hackman Phase 2 Load addition	Load Growth	06/01/2030	\$152.1 M
51309	New Tallgrass 138/12 kV substation	Local Reliability	10/01/2028	\$6.0 M
51335	New Addison 345 kV Capacitor (100 Mvar)	Load Growth	06/01/2028	\$2.0 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.

Indianapolis Power and Light

INDIANAPOLIS POWER & LIGHT COMPANY

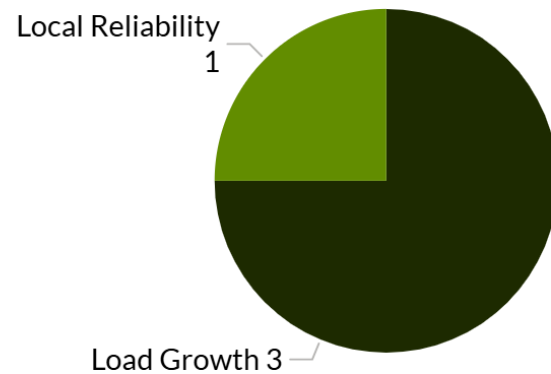
MTEP26 Projects



9
Total Projects

\$229M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

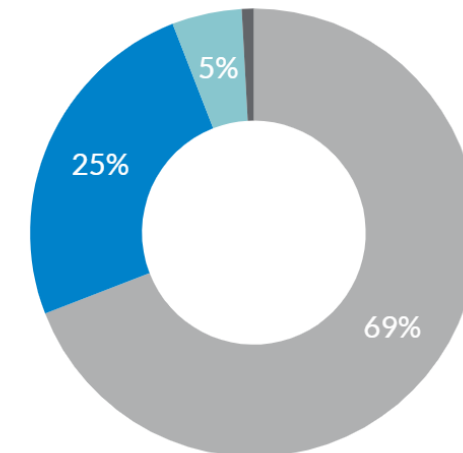
● ≤161 kV ● 345 kV

99.9%

Project Facility Types

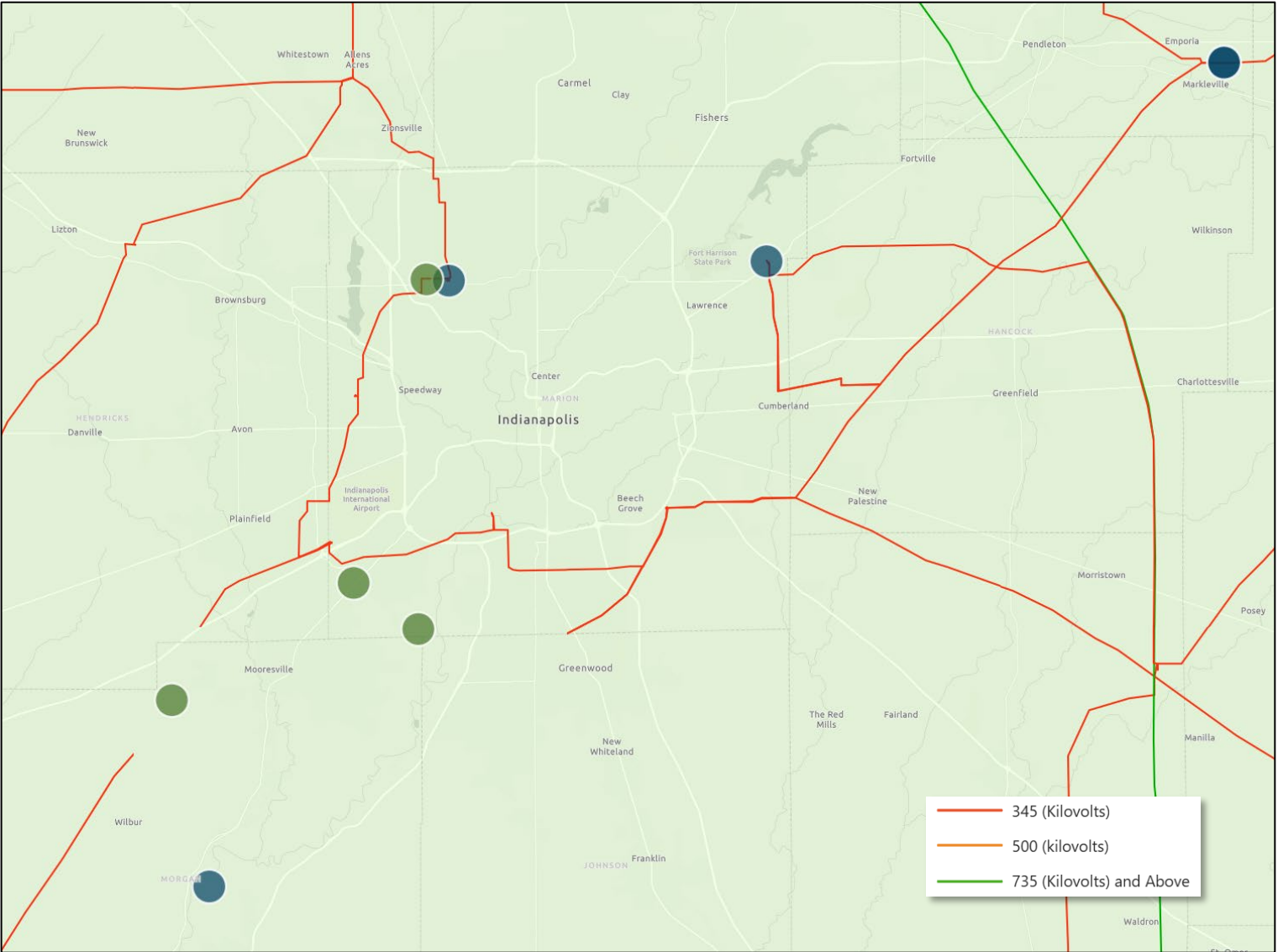
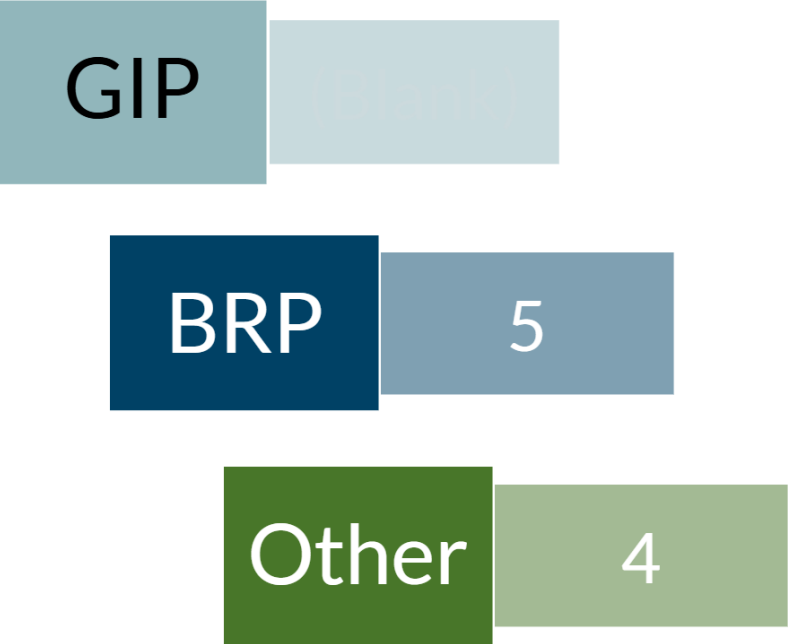
As a Percentage of Cost

● Substation ● Line Upgrade ● Transformer ● Voltage Device

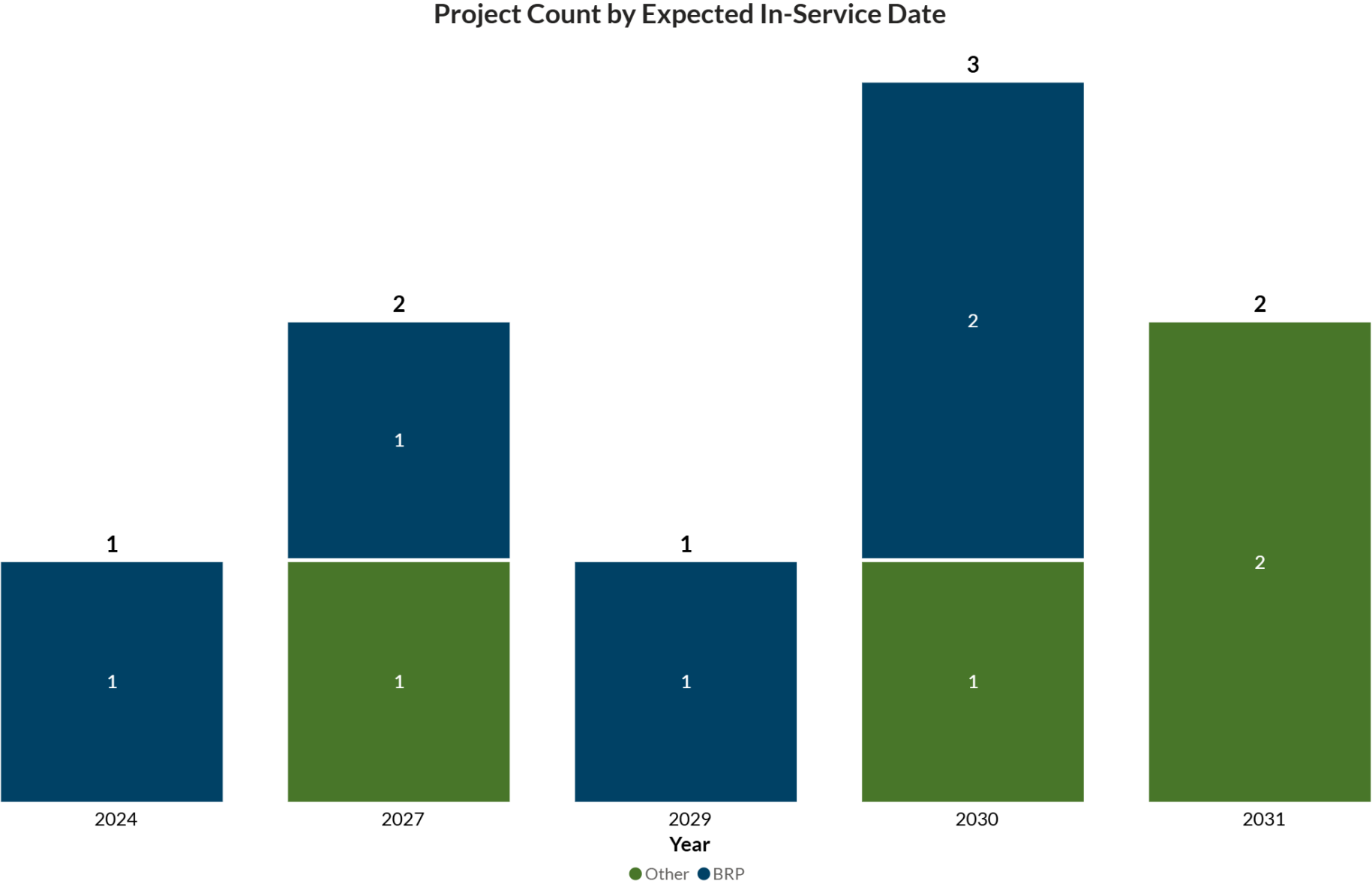


IPL MTEP26 Project Type Breakdown

INDIANAPOLIS POWER & LIGHT COMPANY MTEP26 Summary



IPL MTEP26 ISD Breakdown



BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>50768</u>	<u>Uprate Sunnyside Autotransformer 345/138/34.5 kV</u>	<u>12/31/2024</u>	<u>\$2.0 M</u>
<u>50789</u>	<u>Replace Guion South 345/138/13.75 kV Autotransformer</u>	<u>12/31/2027</u>	<u>\$11.7 M</u>
<u>50790</u>	<u>Expand Blue Bluff 138 kV switchyard</u>	<u>03/31/2030</u>	<u>\$30.0 M</u>
<u>50795</u>	<u>Uprate Guion to Whitestown 345 kV-09</u>	<u>12/31/2029</u>	<u>\$15.0 M</u>
51333	Rebuild Sunnyside to Fall Creek 345 kV transmission line	10/15/2030	\$50.0 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

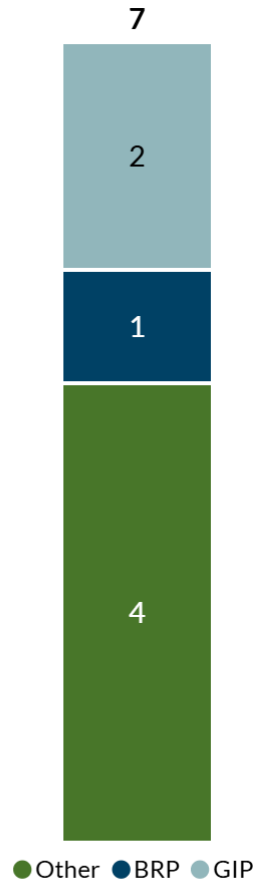
MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50700</u>	<u>New Antioch 345 kV Station and Load</u>	<u>Load Growth</u>	<u>11/01/2027</u>	<u>\$68.8 M</u>
50792	New Ralston 138 kV Delivery Point	Load Growth	03/02/2031	\$10.0 M
51228	New Reynolds 138 kV Delivery Point	Load Growth	03/03/2031	\$41.7 M
51336	IPL Adoption of Seasonal Ratings - BRP-MTEP26	Local Reliability	10/15/2030	\$0.0 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.

Northern Indiana Public Service Company, LLC

NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC

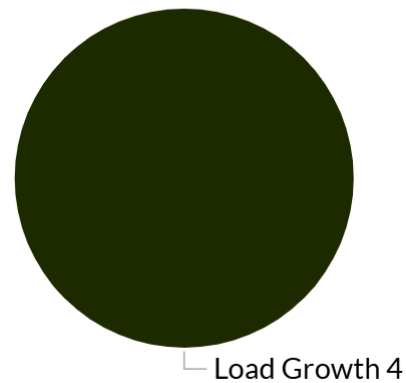
MTEP26 Projects



7
Total Projects

\$172M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

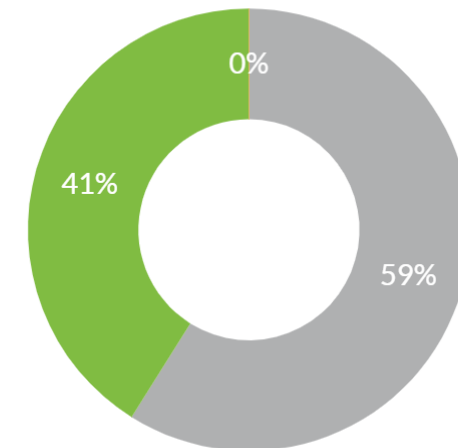
● 345 kV

100%

Project Facility Types

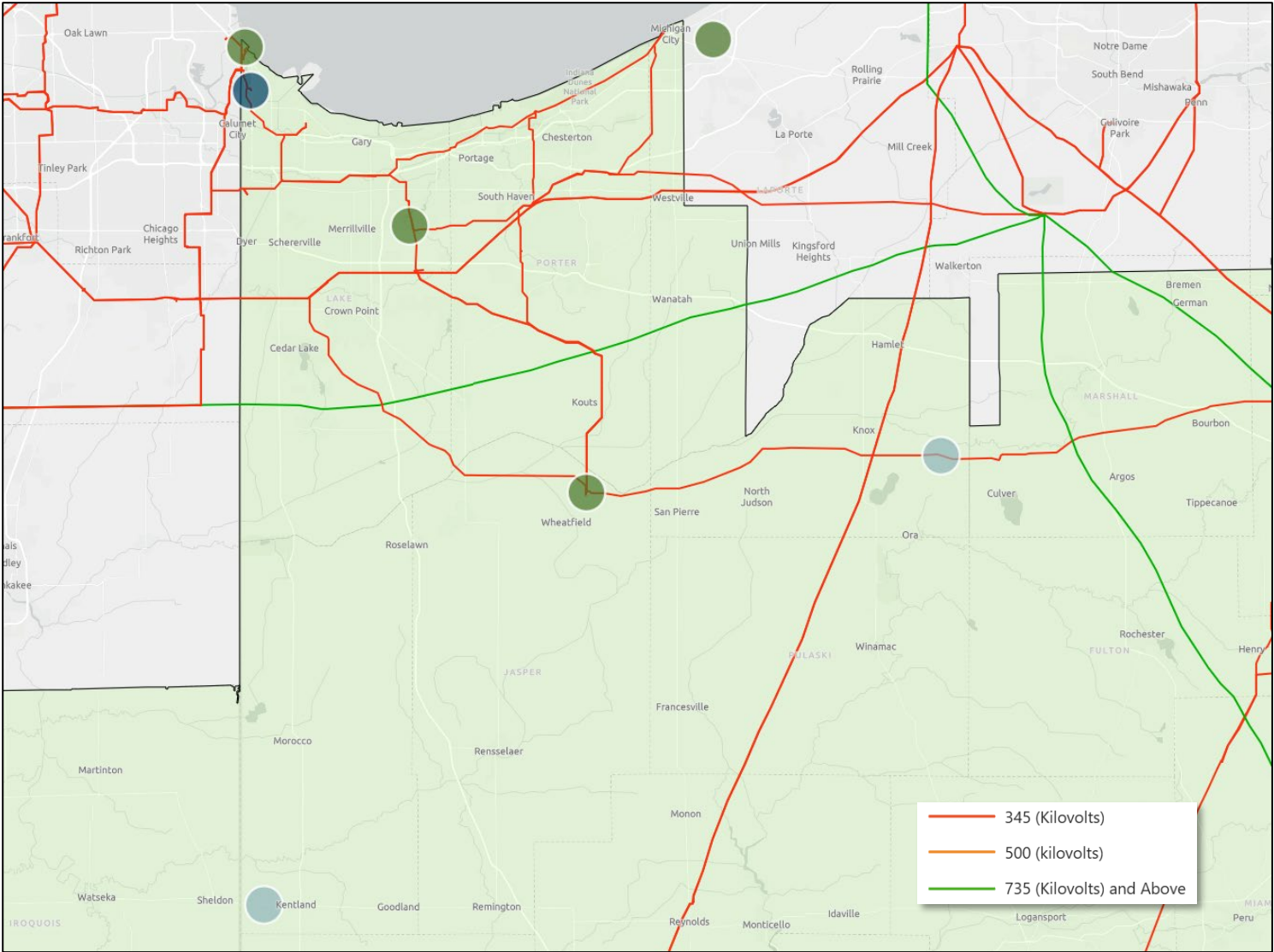
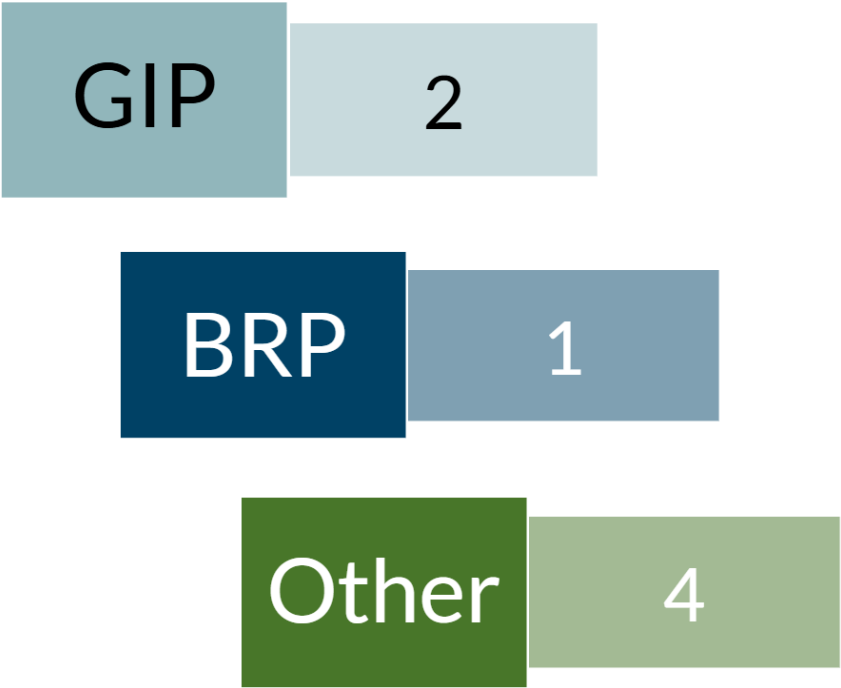
As a Percentage of Cost

● Substation ● Line New ● Misc.

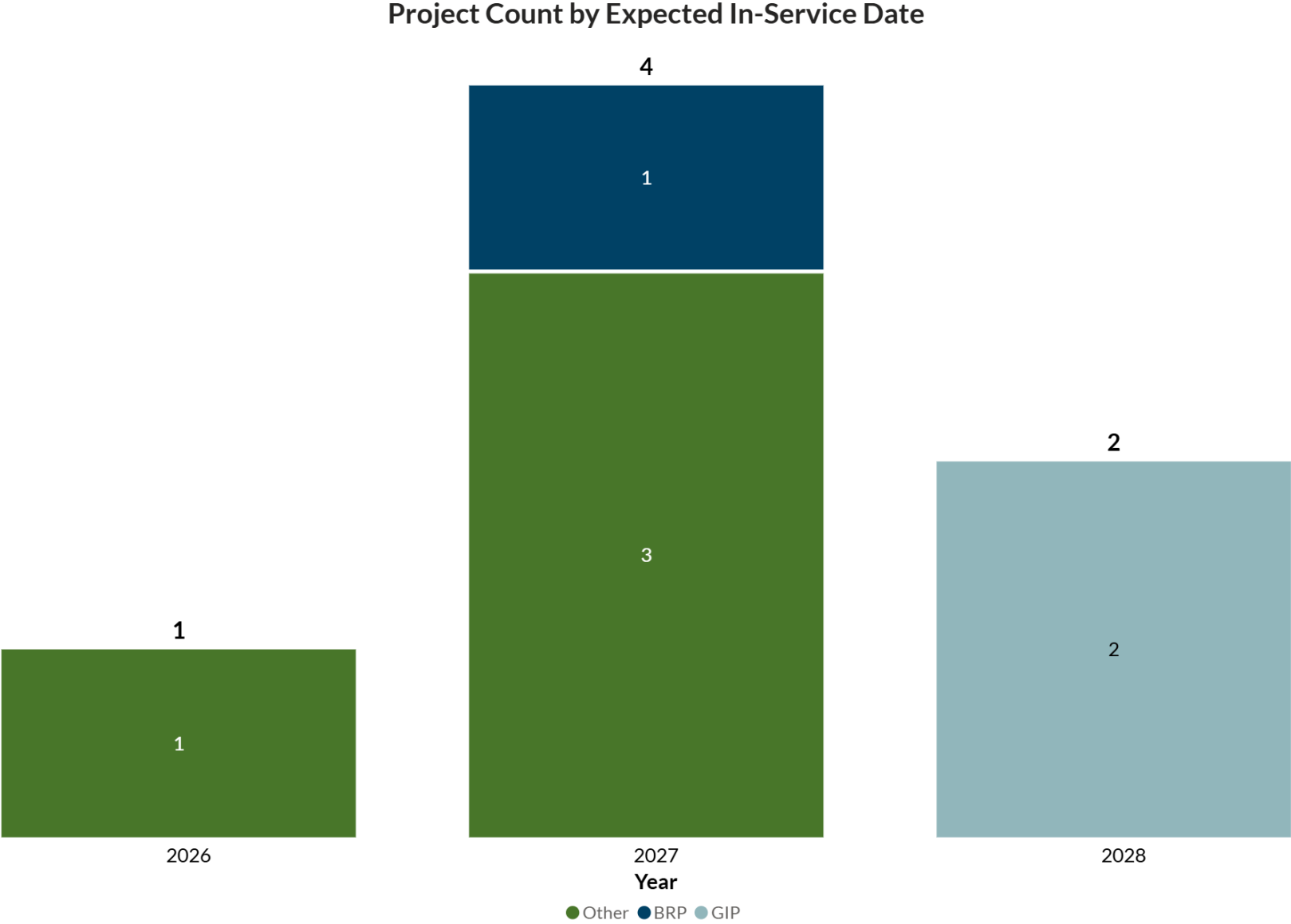


NIPS MTEP26 Project Type Breakdown

NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC MTEP26 Summary



NIPS MTEP26 ISD Breakdown



BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>51124</u>	<u>Sheffield Substation Battery and Trip Coil Monitoring</u>	<u>12/31/2027</u>	<u>\$0.1 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
<u>51092</u>	<u>Customer A 138 kV</u>	<u>Load Growth</u>	<u>12/31/2027</u>	<u>\$25.0 M</u>
<u>51141</u>	<u>New Hobart 345 kV Load Addition</u>	<u>Load Growth</u>	<u>03/01/2027</u>	<u>\$60.0 M</u>
<u>51142</u>	<u>New Schahfer 345 kV Load Addition</u>	<u>Load Growth</u>	<u>03/01/2027</u>	<u>\$31.0 M</u>
<u>51148</u>	<u>New Trail Creek 138 kV Load Addition</u>	<u>Load Growth</u>	<u>06/30/2026</u>	<u>\$12.0 M</u>

Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
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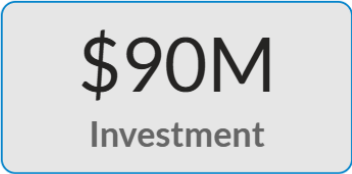
Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
51119	J1646 IC Facilities	11/30/2028	\$0.8 M
51181	J1684 IC Facilities	10/01/2028	\$43.5 M

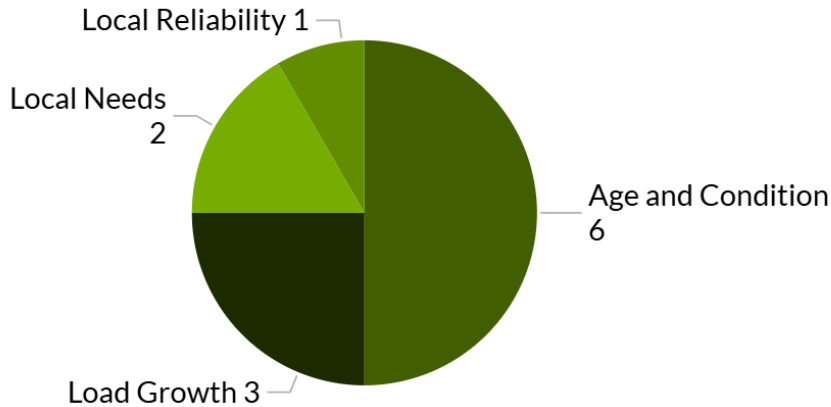
Southern Indiana Gas & Electric Company (Centerpoint Energy)

SOUTHERN INDIANA GAS & ELECTRIC COMPANY D/B/A CENT...

MTEP26 Projects



Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

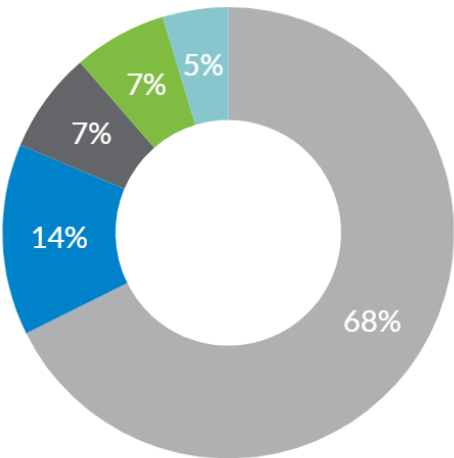
● ≤161 kV



Project Facility Types

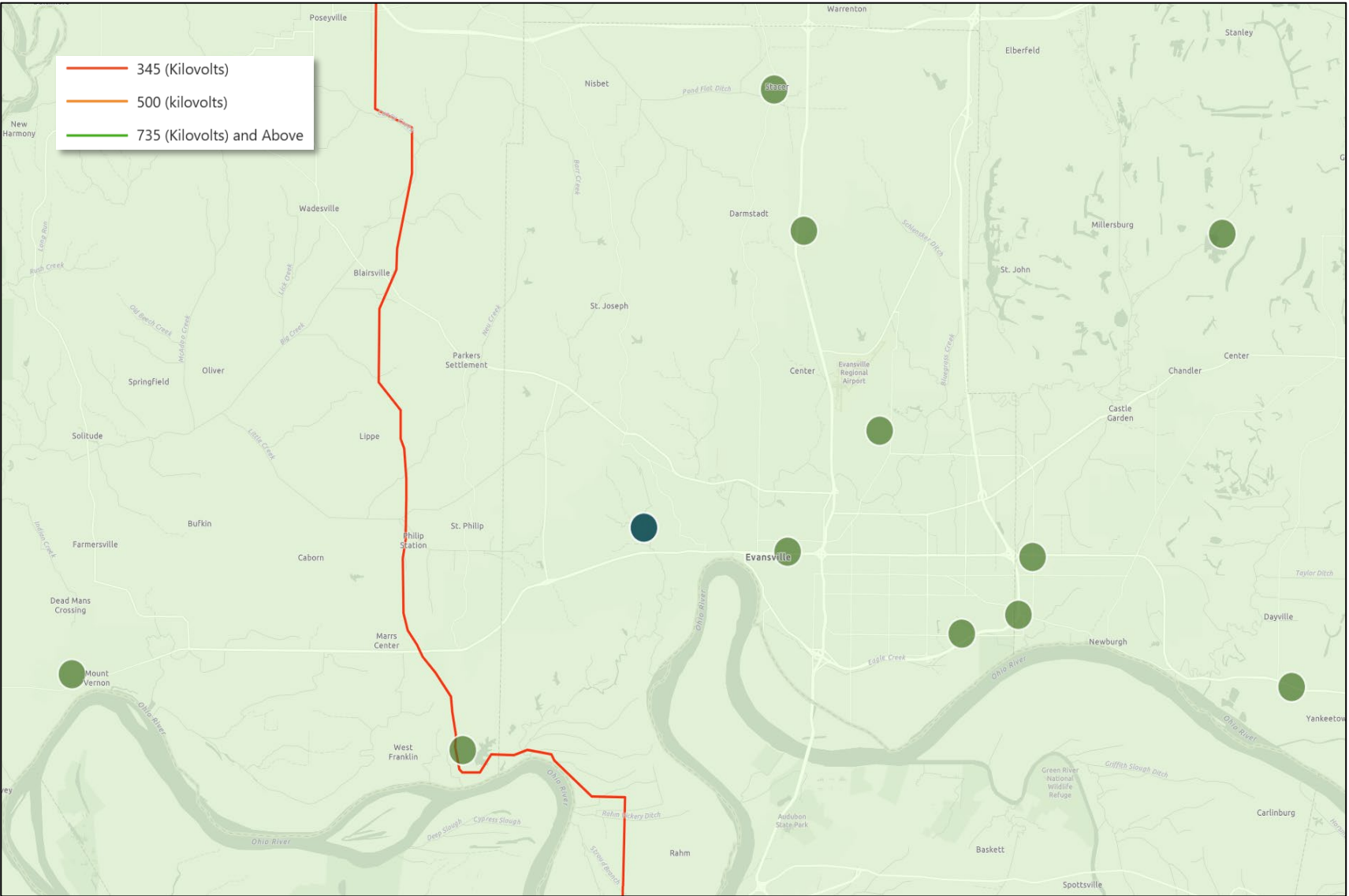
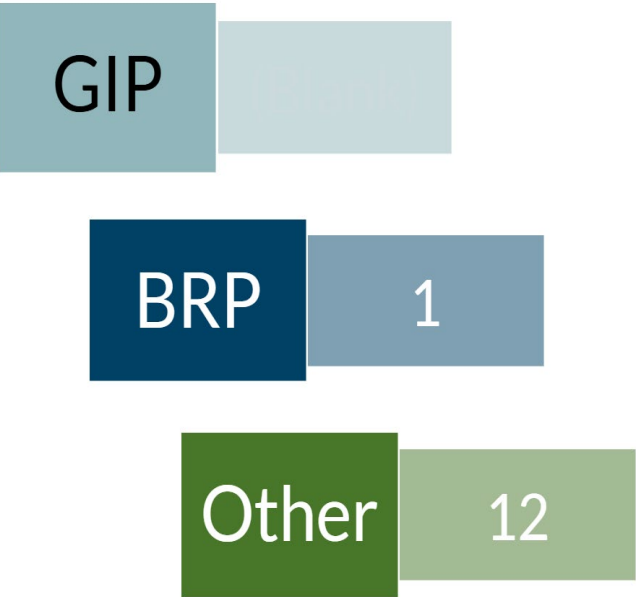
As a Percentage of Cost

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

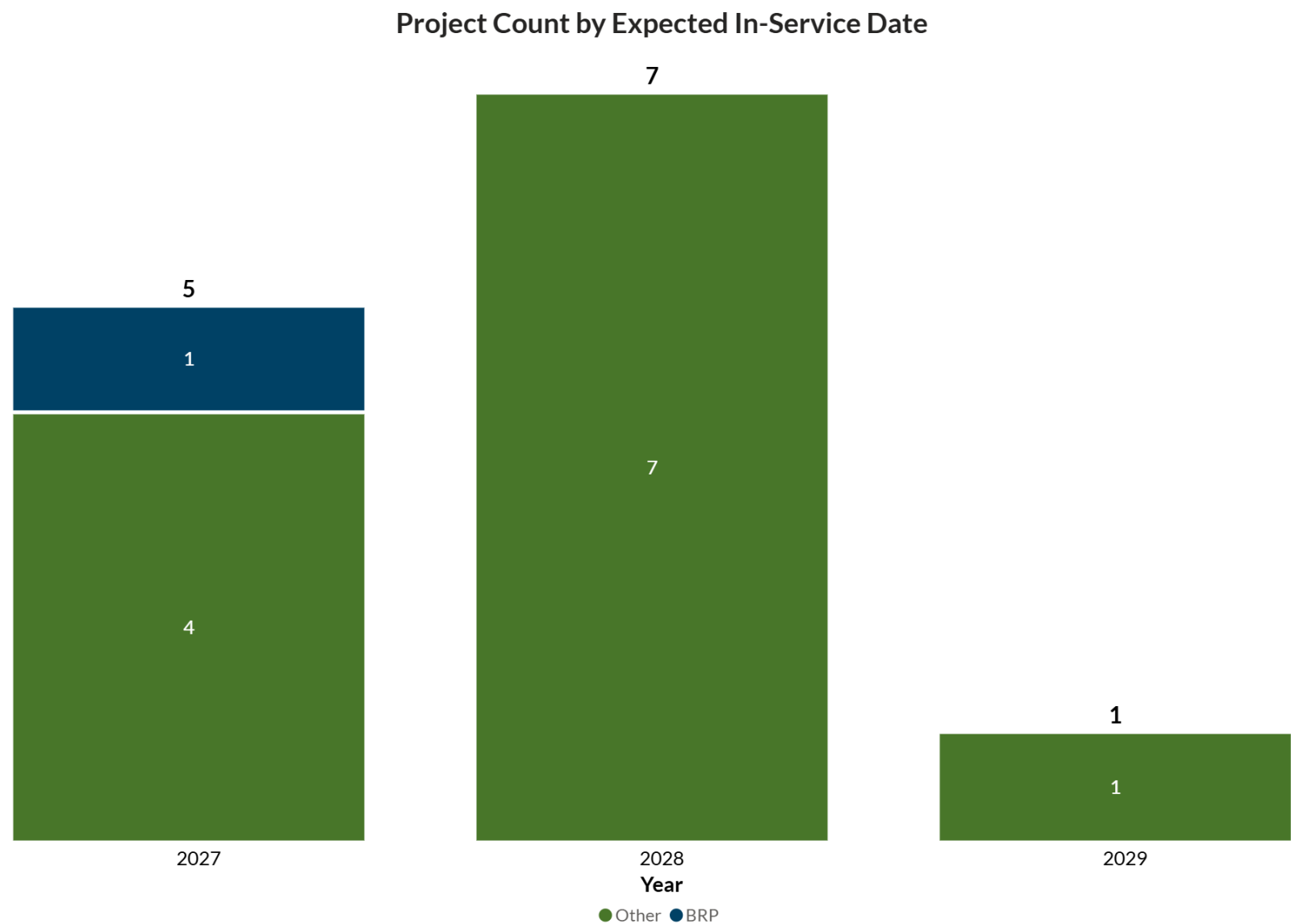


SIGE MTEP26 Project Type Breakdown

SOUTHERN INDIANA GAS & ELECTRIC COMPANY D/B/A C...
MTEP26 Summary



SIGE MTEP26 ISD Breakdown



BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>51149</u>	<u>New Project Raider Cap Banks 69 kV</u>	<u>06/01/2027</u>	<u>\$5.1 M</u>

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Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
15991	Replace Mount Vernon T3 138/69 kV Transformer	Age and Condition	12/31/2028	\$2.7 M
15998	Rebuild Vigo 69/12 kV Distribution Substation	Age and Condition	12/31/2028	\$1.5 M
50812	New Y58 Oak Grove - Gateway 69 kV Line	Local Reliability	12/31/2027	\$7.5 M
50813	Replace 138 kV Breakers at Northeast Substation	Age and Condition	12/31/2028	\$6.2 M
50814	Rebuild Y53 East Industrial - Heidelberg 69 kV Line	Age and Condition	12/31/2029	\$2.3 M
50818	New Angel Mounds 69 kV Capacitor Bank	Local Needs	11/15/2027	\$1.4 M
50822	New Stacer Road 138/12 kV Distribution Substation	Load Growth	12/31/2027	\$6.6 M
50826	New Old State 69/12 kV Distribution Substation	Load Growth	12/31/2028	\$5.5 M
50828	Upgrade AB Brown 138 kV - Breaker Repl. - 63kA	Local Needs	12/31/2028	\$11.0 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 cont.

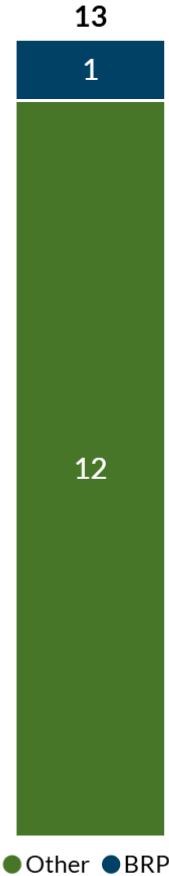
MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50829	Rebuild Z85 Culley to Warrick North 138 kV Line	Age and Condition	12/31/2028	\$5.0 M
50830	Rebuild Y65/66 69 kV Line	Age and Condition	12/31/2028	\$5.0 M
<u>51079</u>	<u>New Project Raider Load Substation 345 kV</u>	<u>Load Growth</u>	<u>06/01/2027</u>	<u>\$29.9 M</u>

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Wabash Valley Power Association, Inc.

WABASH VALLEY POWER ASSOCIATION, INC.

MTEP26 Projects

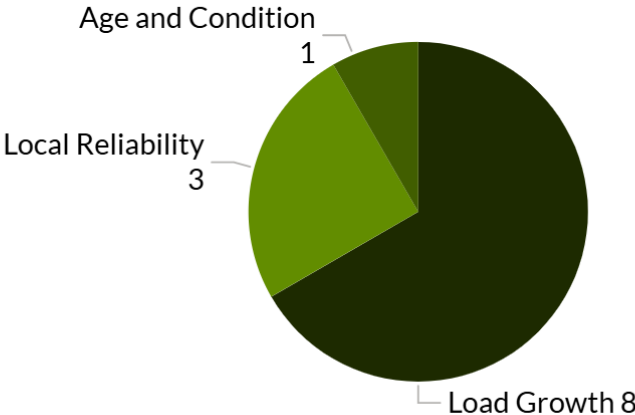


13
Total Projects

\$138M
Investment

Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

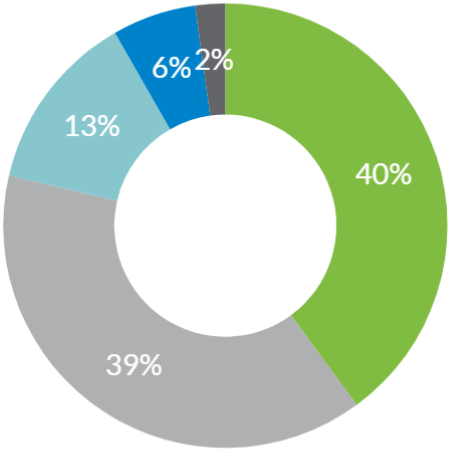
● ≤161 kV



Project Facility Types

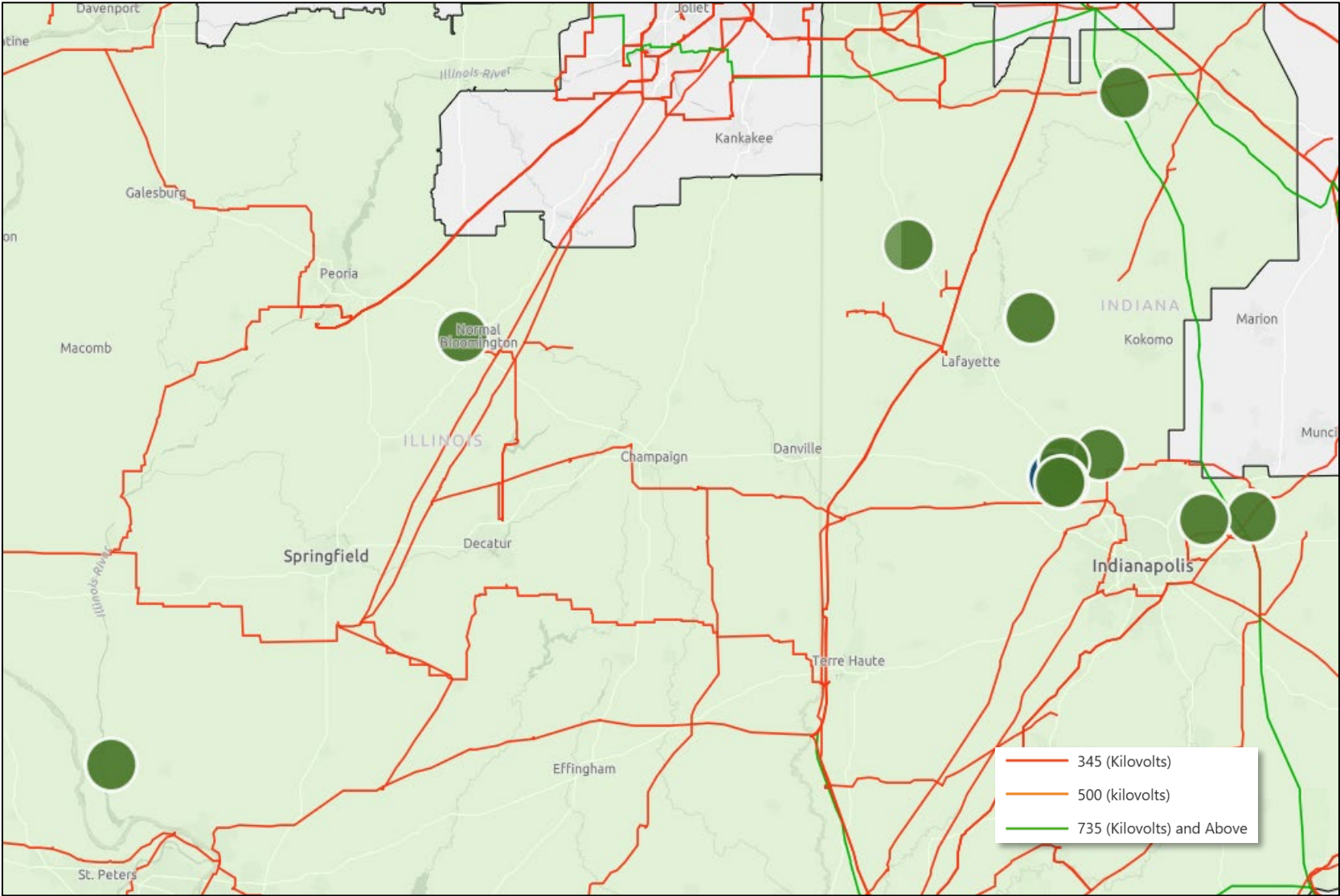
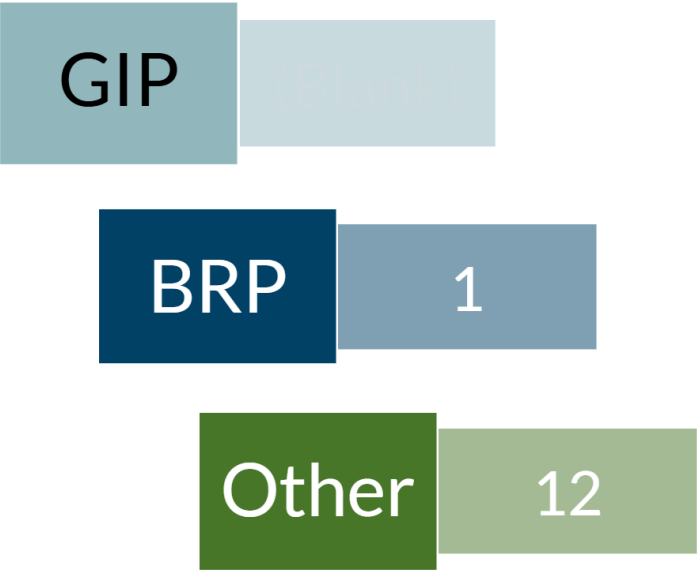
As a Percentage of Cost

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

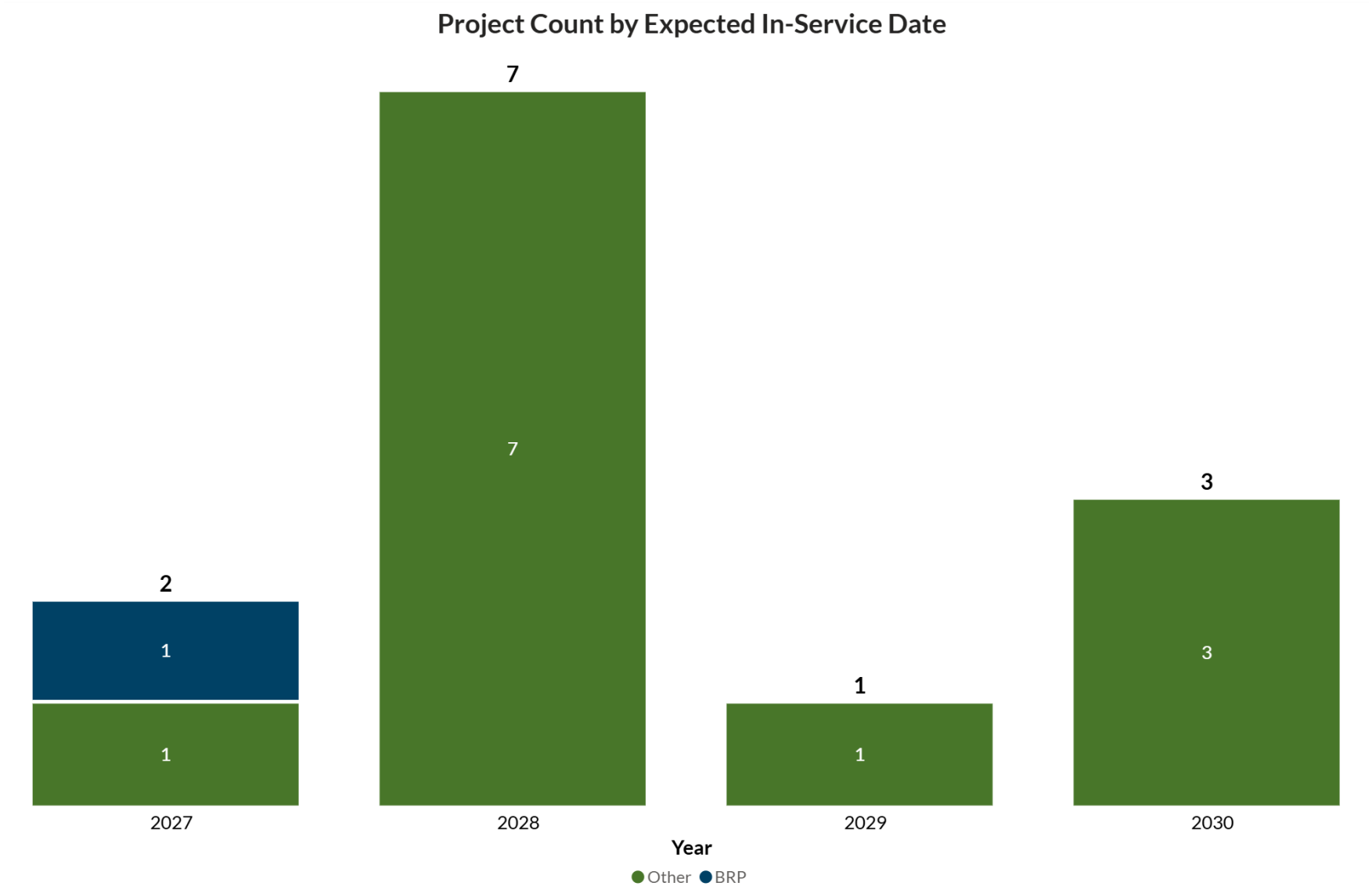


WVPA MTEP26 Project Type Breakdown

WABASH VALLEY POWER
ASSOCIATION, INC.
MTEP26 Summary

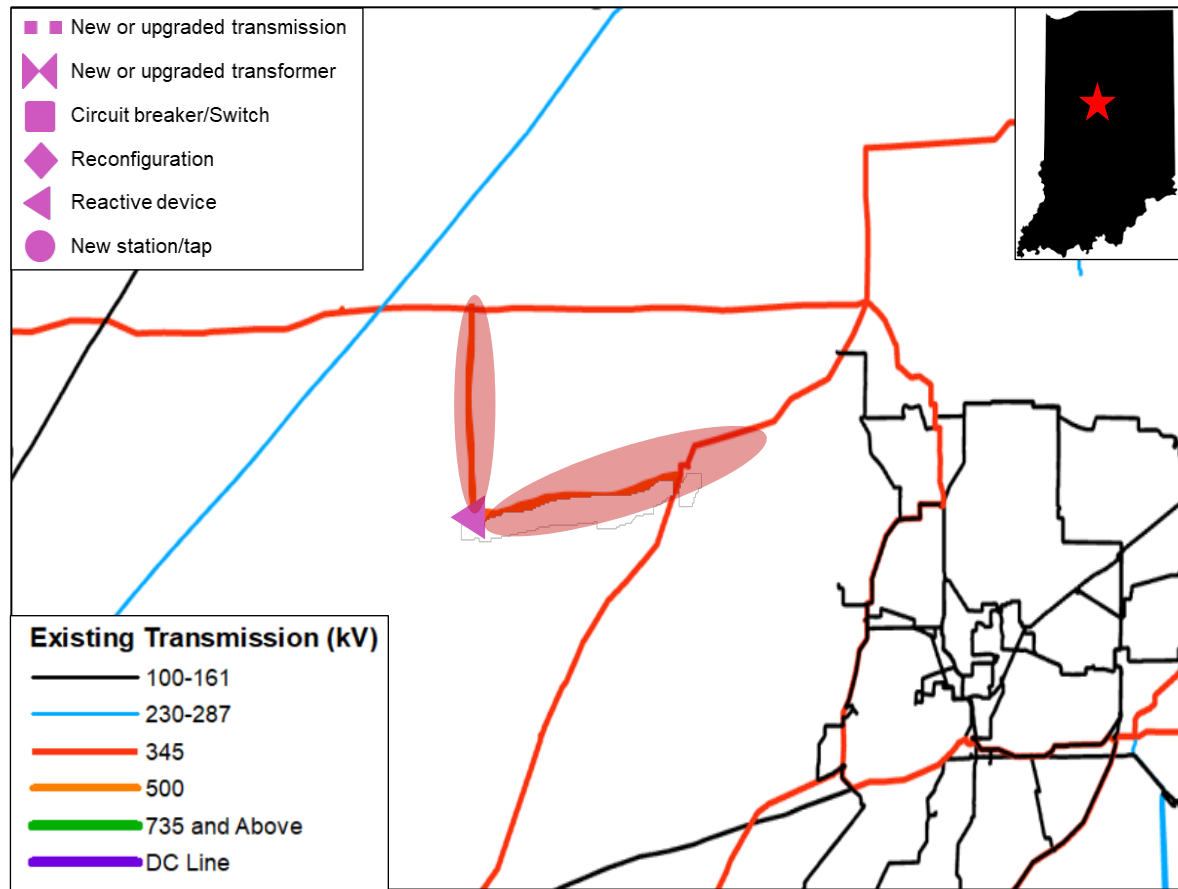


WVPA MTEP26 ISD Breakdown



Baseline Reliability Project

Details for New LEAP 345 kV Phase 1 Reactive Mitigation



MTEP Project ID	51043
Project Name	New LEAP 345 kV Phase 1 Reactive Mitigation
Project Type	BRP
Project Description	Replace the static capacitor at LEAP North with a switched capacitor to alleviate an overvoltage scenario
System Need	Reliability
Current Cost	\$3.0 M
Expected ISD	12/31/2027
Target Appendix	A

Baseline Reliability Project

Details for New LEAP 345 kV Phase 1 Reactive Mitigation

The [WVPA] LEAP 138 kV bus experiences high voltage issues in the 2027 light load and summer peak MTEP25 models under the base case (n-0) and several different types of contingencies (n-1 and n-1-1). This project alleviates the high voltage issues by replacing the static capacitor at LEAP North with a switched capacitor.

Voltage Violations

Cont. Type	Limiting Element	Pre-project (post-cont.) Voltage (p.u.)	Post-project (post-cont.) Voltage (p.u.)
n-0	[WVPA] LEAP 138 kV	1.09	1.00
n-1	[WVPA] LEAP 138 kV	1.13	1.01
n-1-1	[WVPA] LEAP 138 kV	1.06	1.00
n-1-1	[WVPA] LEAP 138 kV	1.74	P6: System adjustment between events and load shed after is required in addition to the project

Preliminary Recommendation: Move to Appendix A

BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
51043	New LEAP 345 kV Phase 1 Reactive Mitigation	12/31/2027	\$3.0 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
51032	Rebuild Milner's Corner 69 kV Line	Age and Condition	12/31/2030	\$8.4 M
51033	New College Avenue 138/12 kV Substation	Load Growth	12/31/2028	\$7.0 M
51035	Drake 69/12 kV Substation	Load Growth	12/31/2028	\$7.4 M
51036	New Bridge Creek 69/12 kV Substation	Load Growth	12/31/2028	\$17.6 M
51037	Convert Elizaville 69 kV	Local Reliability	12/31/2030	\$15.2 M
51038	New Carpenter/Princeton 2nd 69 kV Source	Local Reliability	12/31/2030	\$17.5 M
51039	New Marco to Lawrence 69 kV Tie	Local Reliability	12/31/2029	\$18.0 M
51040	New Fieldon 69/12 kV Substation	Load Growth	12/31/2028	\$6.2 M
51041	New Foundry 138/12 kV Substation	Load Growth	12/31/2028	\$15.0 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 cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
51042	New Lebanon Industrial North 69/12 kV Substation	Load Growth	09/08/2027	\$15.0 M
51044	New McCordsville 2nd Bank	Load Growth	12/31/2028	\$1.2 M
51046	New Pioneer 138/12 kV Substation	Load Growth	06/30/2028	\$6.2 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.

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Questions?



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