



MTEP26 Project Information

Great River Energy (GRE) ; Missouri River Energy Services – Transmission (MRES) ;
Montana-Dakota Utilities Co. (MDU)

West Subregional Planning Meeting (WSPM)

Friday, September 4, 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*.

West Region Overview

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

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

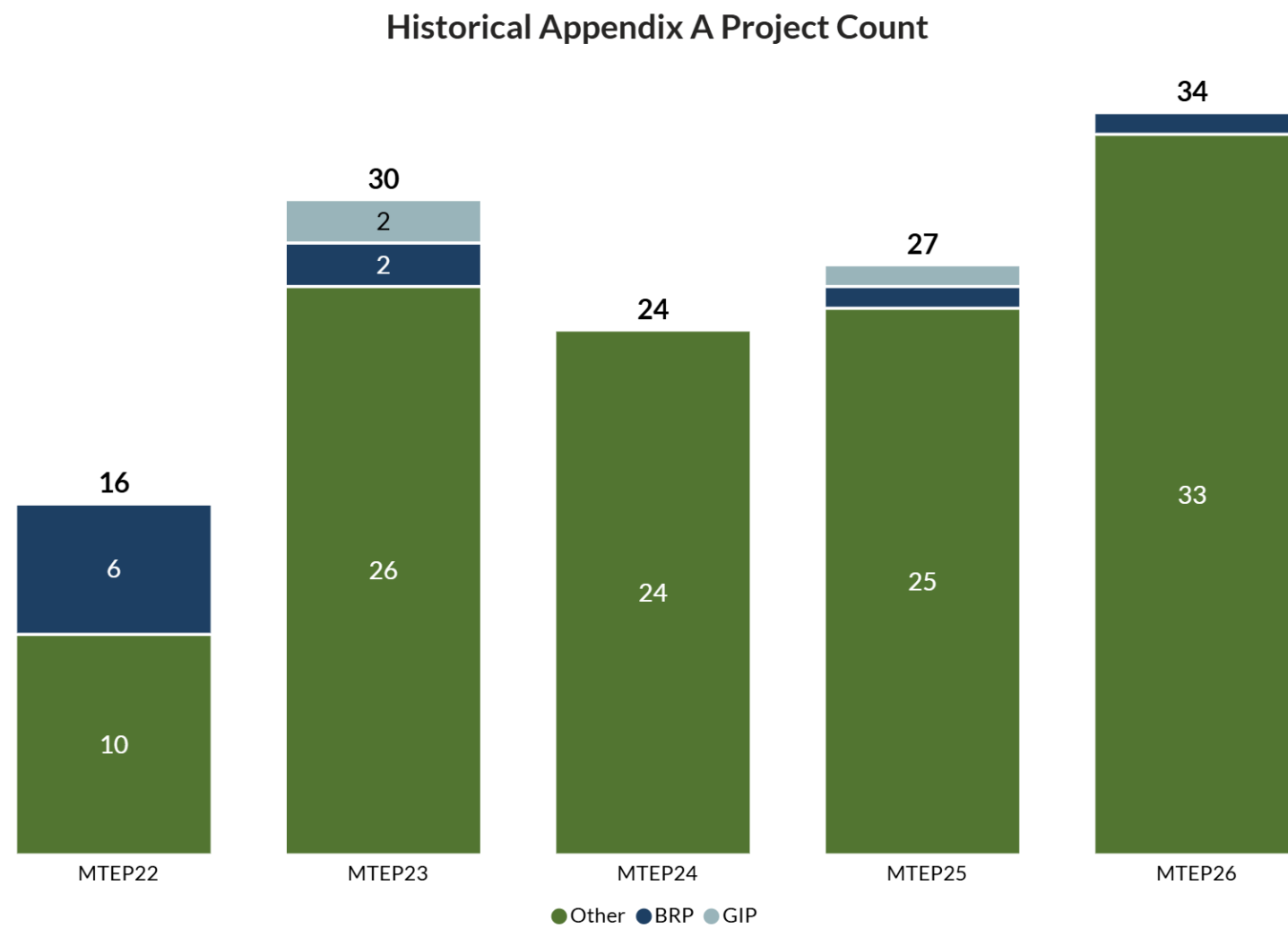
- Great River Energy (GRE): 34 submitted projects at an estimated cost of \$432 million
- Missouri River Energy Services – Transmission (MRES): 4 submitted projects at an estimated cost of \$15 million
- Montana-Dakota Utilities Co. (MDU): 3 submitted projects at an estimated cost of \$112 million

Great River Energy (GRE)

Update on Current Cycle Projects since SPM2

MTEP Project ID	Project Name	Project Type	Project Change
50876	Boulder Lake 115 kV Project	Other – Load Growth	Project ISD changed from 4/30/2031 to 2/18/2032
50941	Foley Sub Area Projects	Other – Local Reliability	Project ISD changed from 11/27/2028 to 9/5/2029
50952	Thompson Lake Area Projects	Other – Local Reliability	Project ISD changed from 9/14/2029 to 5/24/2030
50965	Kettle River Breaker Station Projects	Other – Age and Condition	Project ISD changed from 9/22/2028 to 5/24/2029
50971	Blaine to Hugo Area Project	Other – Age and Condition	Project cost increased from \$9.3M to \$11.4M
50976	Hubbard Breaker Addition	Other – Age and Condition	Project cost increased from \$4.7M to \$6M
50988	Spicer tap to Willmar line rebuild projects	Other – Age and Condition	Project cost increased from \$12.1M to \$13.4M

GRE Historical Appendix A data, including recommended MTEP26



GREAT RIVER ENERGY

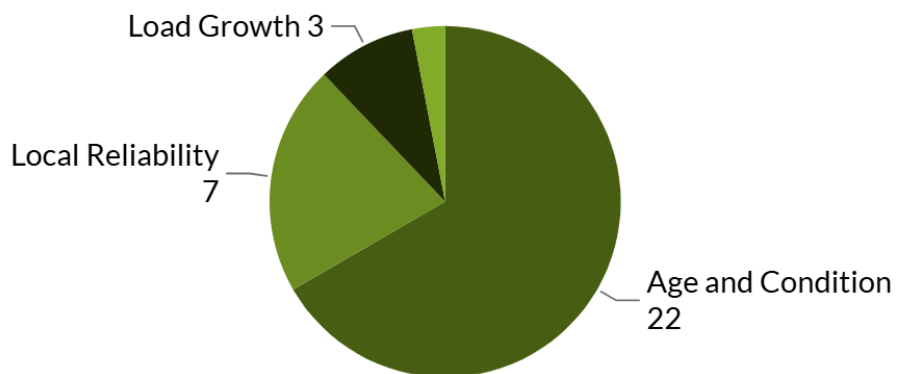
MTEP26 Projects



34
Total Projects

\$432M
Investment

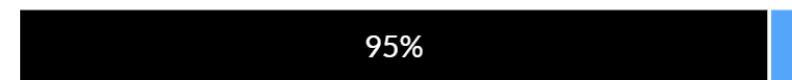
Breakdown of Other Project Types By Project Count



● Other ● BRP

Line Miles by Voltage Level

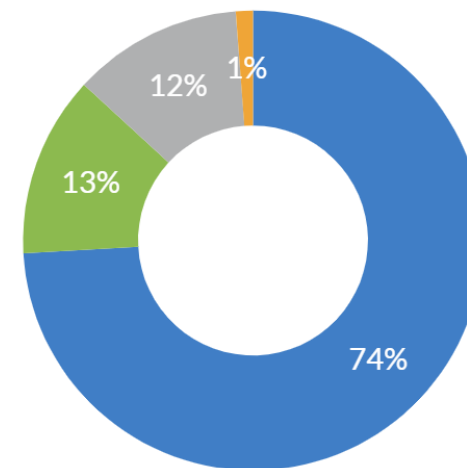
● ≤161 kV ● 230 kV



Project Facility Types

As a Percentage of Cost

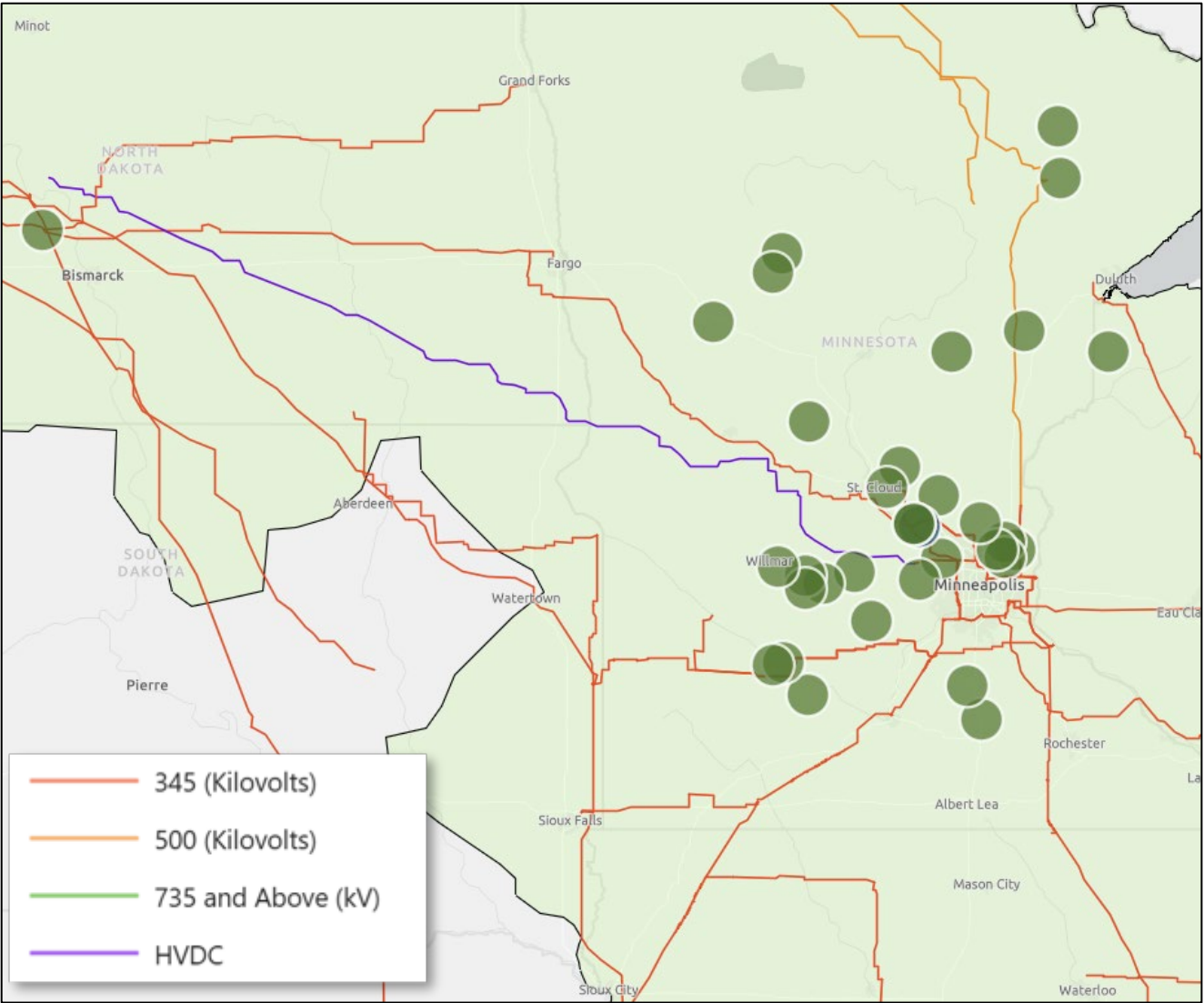
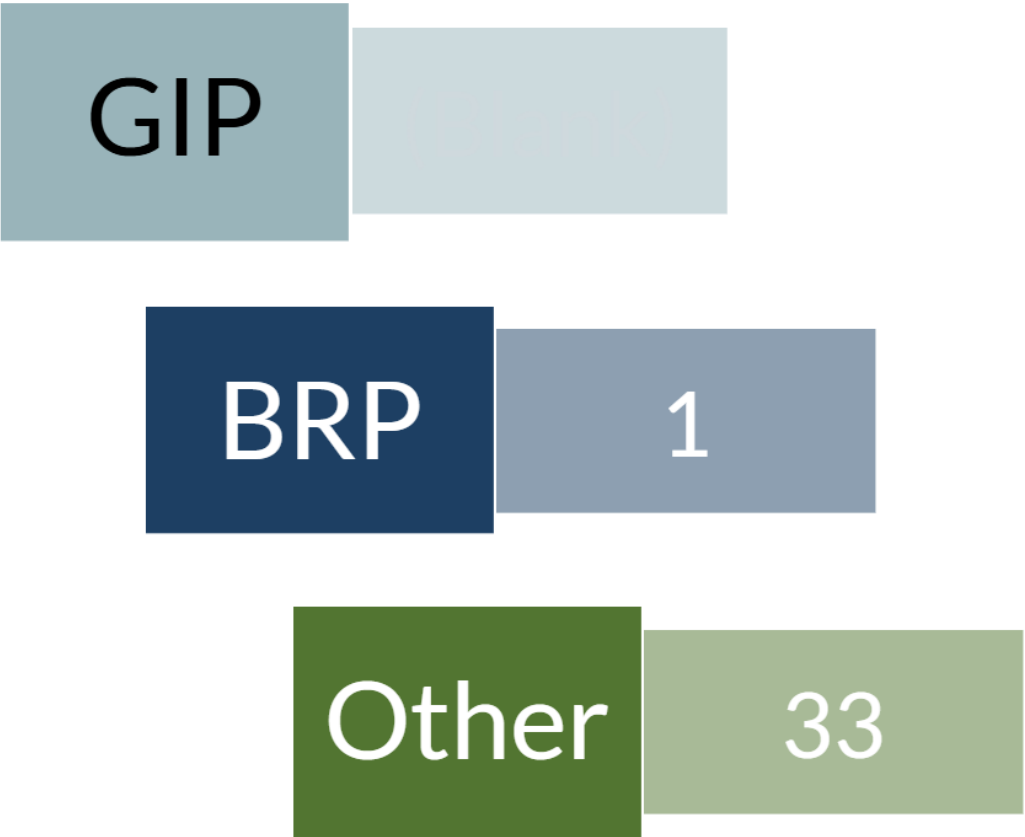
● Line Upgrade ● Line New ● Substation ● Misc.



GRE MTEP26 Project Type Breakdown

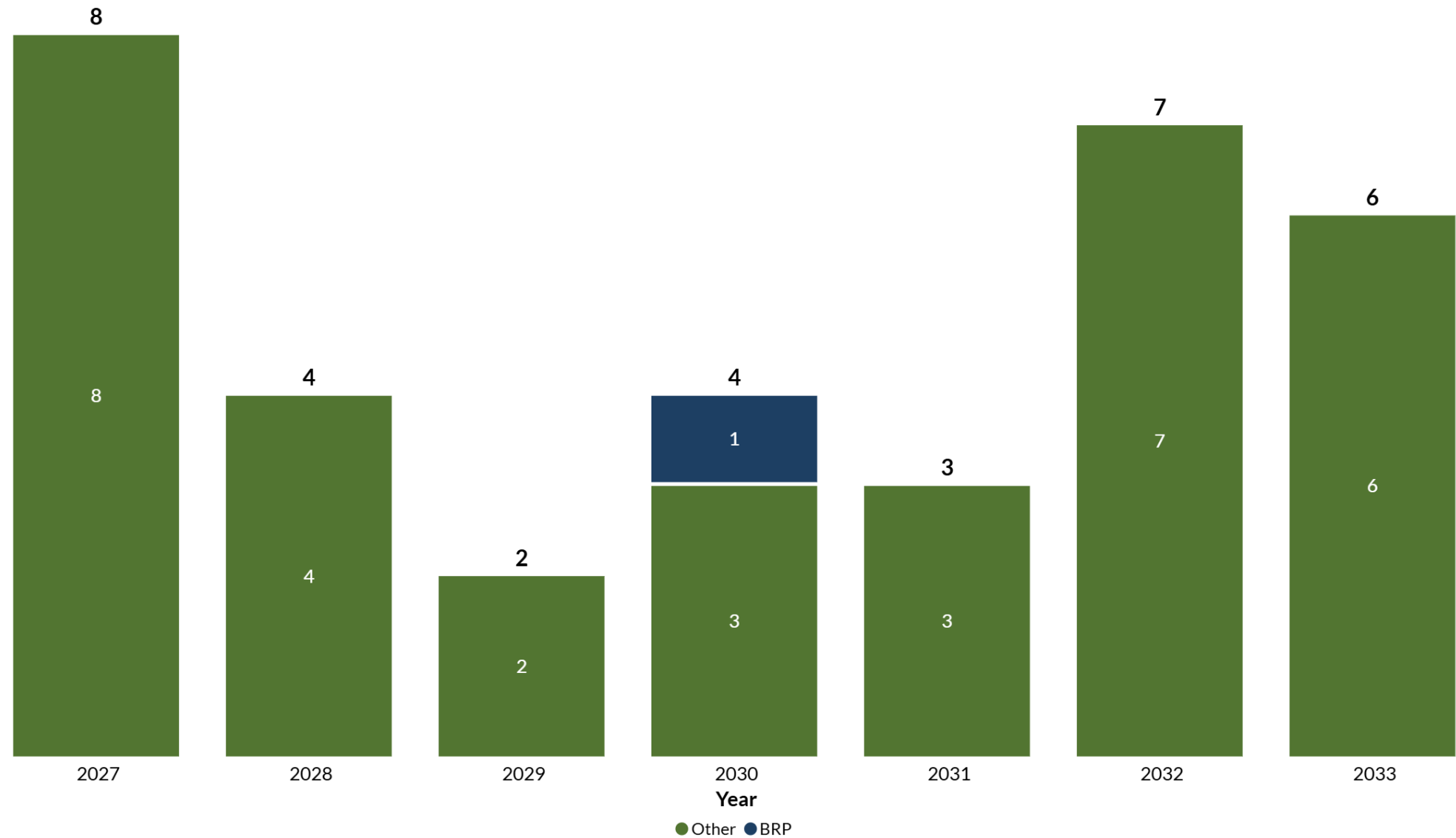
GREAT RIVER ENERGY

MTEP26 Summary



GRE MTEP26 ISD Breakdown

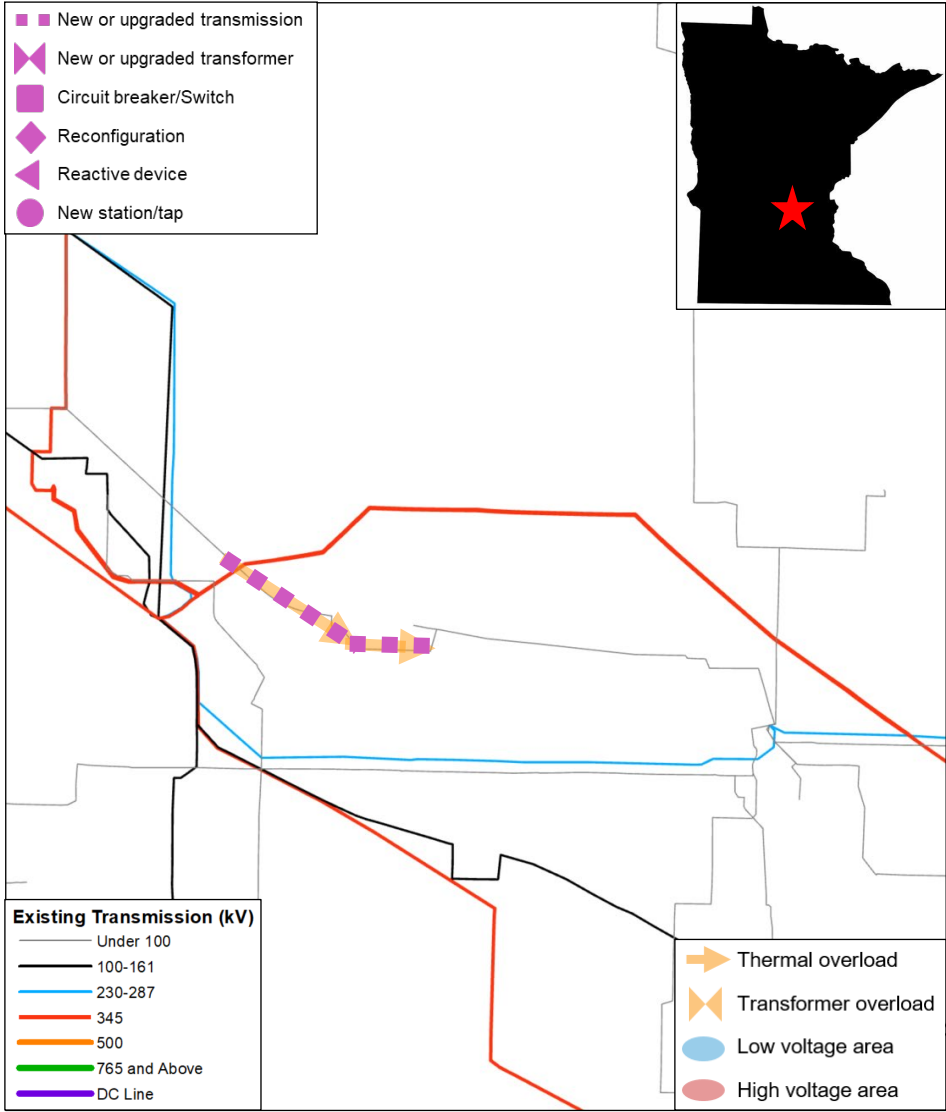
Project Count by Expected In-Service Date



Project information as of 8/19/26.

Baseline Reliability Project

Details for Thompson Lake to Remmele area projects



MTEP Project ID	51050
Project Name	Thompson Lake to Remmele area projects
Project Type	BRP
Project Description	1.) Rebuild the 6.42 mile, 266 ACSR portion of the Thompson Lake (EWS12) – Remmele Tap (EWS16) 69 kV line to 477 ACSS and keep the conductors on the roadside of the line. The “EW” line is planned to be a future 69kV/115kV double circuit. Mimic the design on the Liberty – Thompson Lake 69 kV line. 2.) Upgrade 600-amp switches EWS12 and EWS13 to 1200-amp.
Current Cost	\$5.1 M
Expected ISD	12/31/2030
Target Appendix	A

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50609	Otto Area Rebuild	Age and Condition	11/29/2028	\$4.4 M
<u>50780</u>	<u>West Glencoe</u>	<u>Load Growth</u>	<u>10/31/2027</u>	<u>\$6.5 M</u>
50873	Willmar - Litchfield - Forest City - Hutchinson Rebuild and 115 kV Conversion	Local Reliability	07/08/2032	\$101.4 M
50875	Medford Area Projects	Local Reliability	02/16/2027	\$3.5 M
50876	Boulder Lake 115 kV Project	Load Growth	02/18/2032	\$8.0 M
50877	Pillsbury Area Projects	Age and Condition	12/29/2027	\$3.6 M
50922	Nelson Lake 230 kV interconnections	Local Needs	08/06/2027	\$5.1 M
50923	Franklin to Redwood Rebuild Part 1	Age and Condition	08/03/2032	\$21.6 M
50924	Franklin to Redwood Rebuild Part 2	Age and Condition	08/03/2032	\$21.6 M

Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50925	Circle Lake to Faribault Line Rebuild Projects	Age and Condition	11/04/2031	\$6.3 M
50926	Sleepy Eye tap Line rebuild Projects	Age and Condition	01/13/2033	\$3.0 M
50933	Paulson area projects	Load Growth	12/05/2031	\$0.2 M
50935	Benton County 230 kV Breaker Replacement	Age and Condition	08/25/2027	\$2.8 M
50938	Peary Area Rebuild Projects	Age and Condition	09/23/2027	\$0.9 M
50941	Foley Sub Area Projects	Local Reliability	09/05/2029	\$9.0 M
50952	Thompson Lake Area Projects	Local Reliability	05/24/2030	\$3.3 M
50953	Dairyland to Summit Area Projects	Local Reliability	04/30/2030	\$21.6 M
50955	May Switch Replacement	Local Reliability	06/15/2027	\$1.4 M

Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50960	Hugo Switch Retirement	Local Reliability	06/15/2027	\$0.1 M
50965	Kettle River Breaker Station Projects	Age and Condition	05/24/2029	\$8.6 M
50966	Spirit Lake to Opstead Area Projects	Age and Condition	08/03/2032	\$27.3 M
50970	Zimmerman to Princeton Area Project	Age and Condition	01/13/2033	\$15.5 M
50971	Blaine to Hugo Area Project	Age and Condition	01/13/2033	\$11.4 M
50972	Sand Lake to Pike River Area Project	Age and Condition	01/13/2033	\$13.3 M
50973	Blaine to Linwood Area Project	Age and Condition	01/13/2033	\$30.2 M
50974	Athens to Soderville Area Project	Age and Condition	01/28/2032	\$19.0 M
50976	Hubbard Breaker Addition	Age and Condition	12/29/2028	\$6.0 M

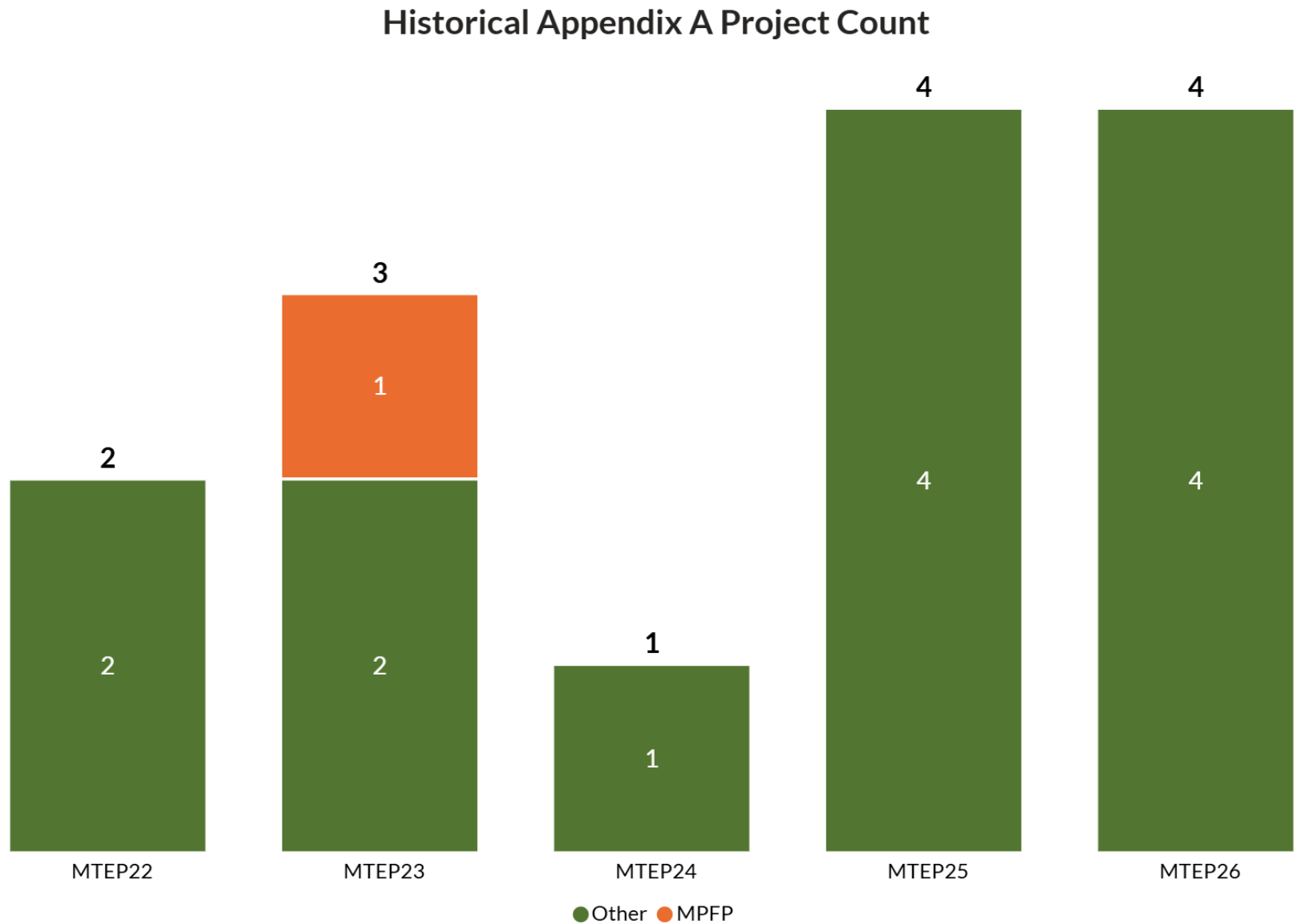
Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50986	Cedar Mills Switch Replacement	Age and Condition	06/06/2028	\$0.4 M
50987	Rosendale Switch Replacement	Age and Condition	06/06/2028	\$0.7 M
50988	Spicer tap to Willmar line rebuild projects	Age and Condition	11/10/2031	\$13.4 M
50993	Dassel Tap Line Rebuild Projects	Age and Condition	01/21/2030	\$1.7 M
51004	Delano to Crow River Area Project	Age and Condition	01/27/2032	\$14.8 M
51006	Delano to Elk River Area Project	Age and Condition	07/21/2033	\$40.1 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.

Missouri River Energy Services Transmission (MRES)

MRES Historical Appendix A data, including recommended MTEP26



MISSOURI RIVER ENERGY SERVICES - TRANSMISSION

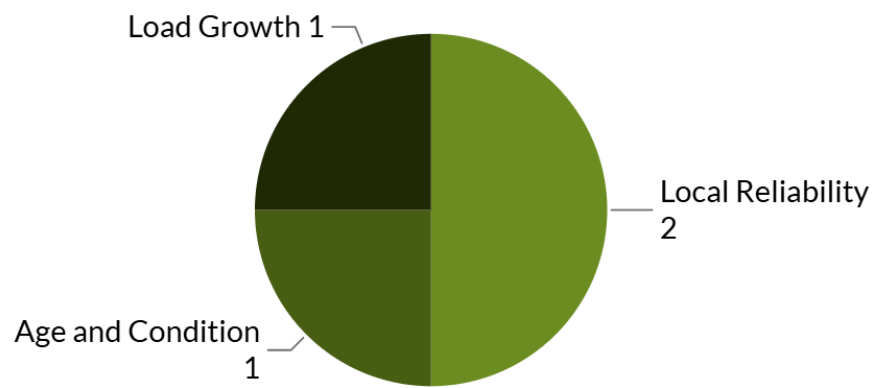
MTEP26 Projects



4
Total Projects

\$15M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

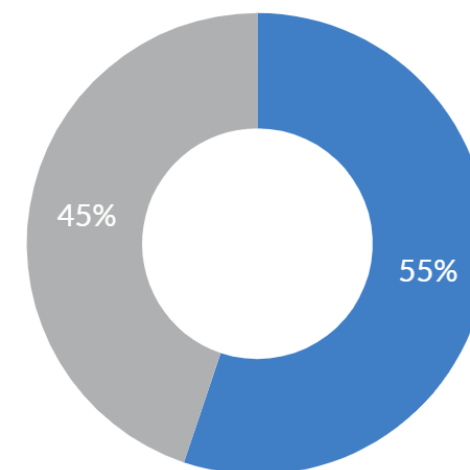
● ≤161 kV

100%

Project Facility Types

As a Percentage of Cost

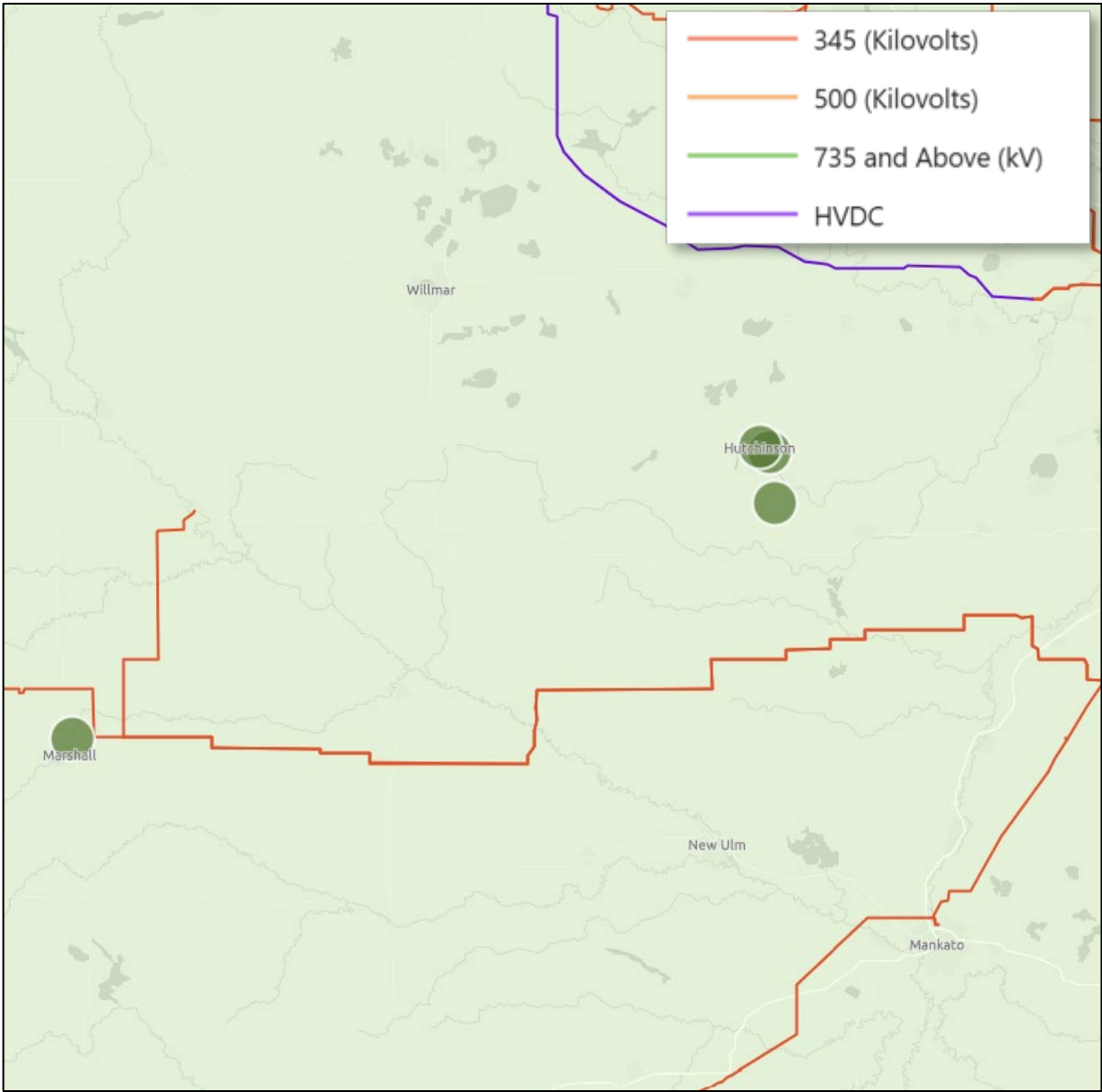
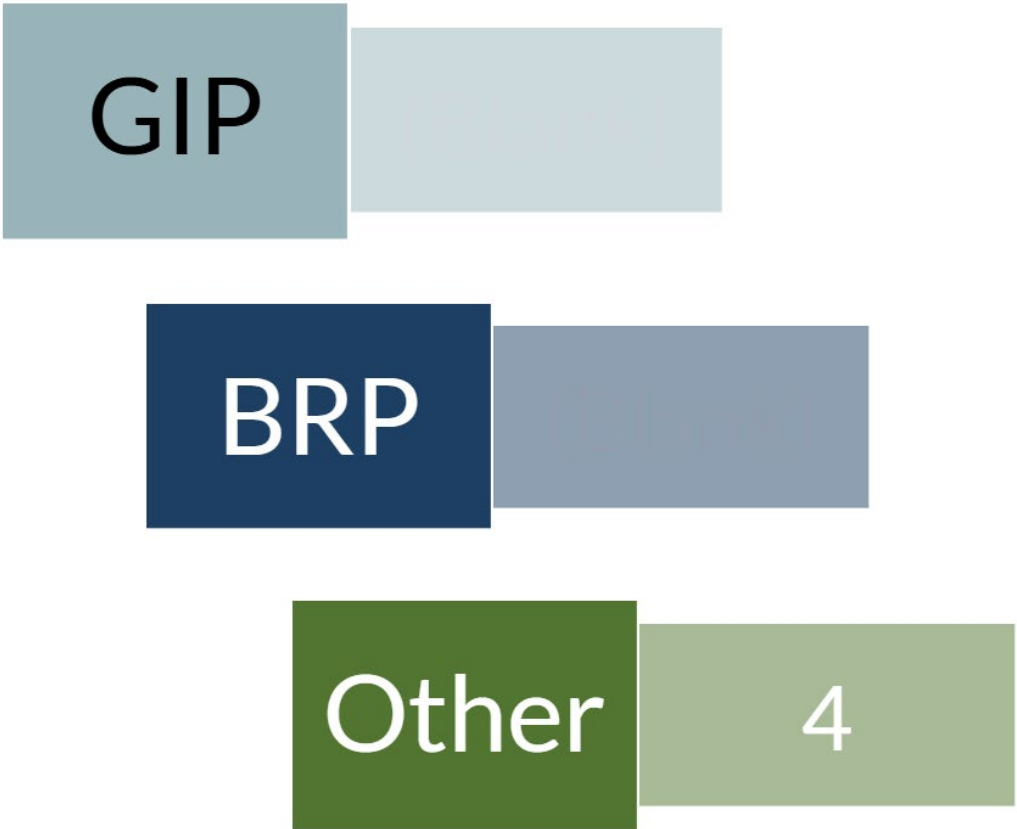
● Line Upgrade ● Substation



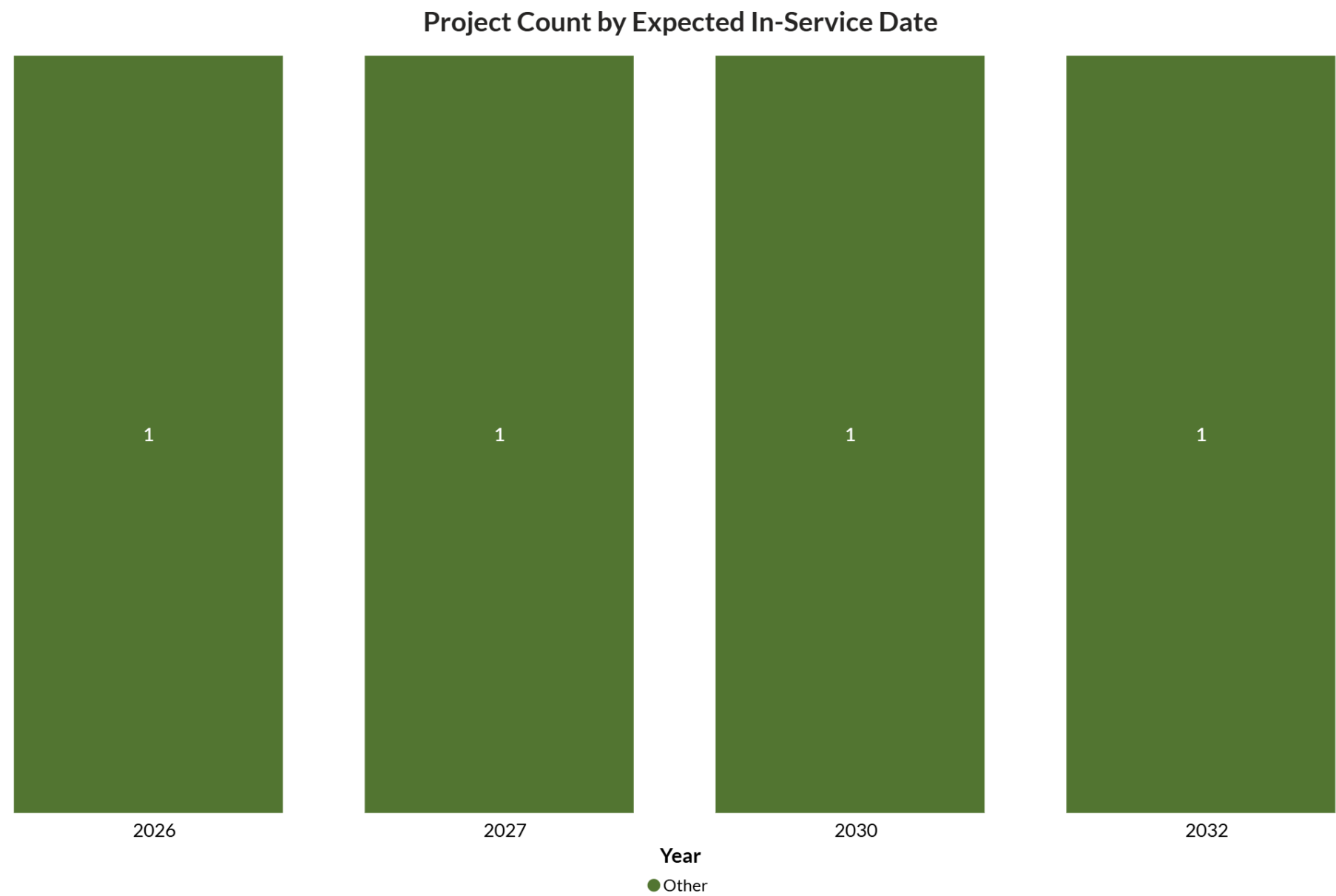
MRES MTEP26 Project Type Breakdown

MISSOURI RIVER ENERGY SERVICES - TRANSMISSION

MTEP26 Summary



MRES MTEP26 ISD Breakdown



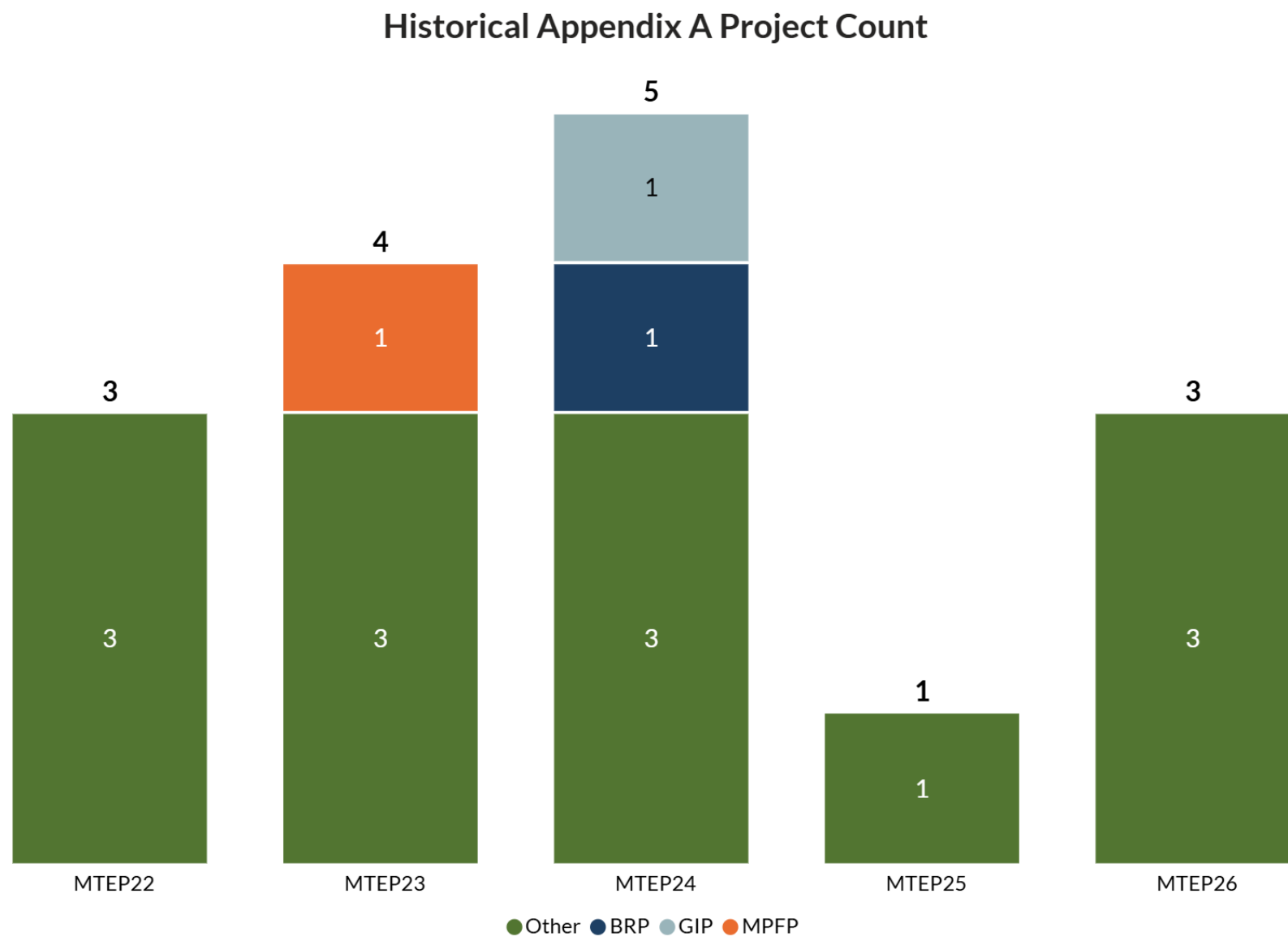
Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50978	Reconstruction of Transmission - Erie Rd Sub to Xcel Lyon County Sub	Age and Condition	12/31/2030	\$5.5 M
50981	McLeod 230/115 kV Relay Upgrades	Local Reliability	03/31/2027	\$0.7 M
<u>51086</u>	<u>New Load on Existing HUC Plant 2 69 kV sub</u>	<u>Load Growth</u>	<u>11/30/2026</u>	<u>\$0.0 M</u>
51094	Hutchinson Rebuild and 115 kV Conversion	Local Reliability	07/09/2032	\$8.9 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.

Montana-Dakota Utilities Co. (MDU)

MDU Historical Appendix A data, including recommended MTEP26



MONTANA-DAKOTA UTILITIES CO.MDU

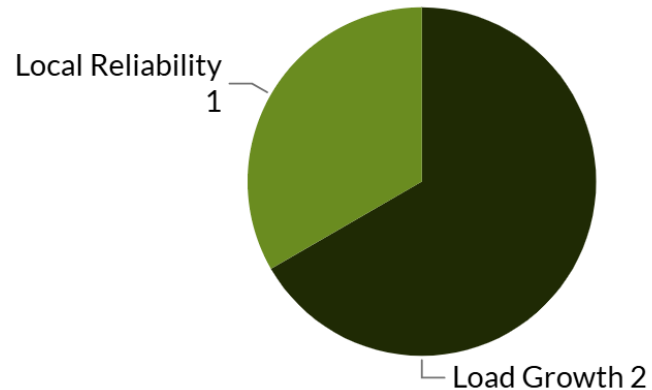
MTEP26 Projects



3
Total Projects

\$112M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

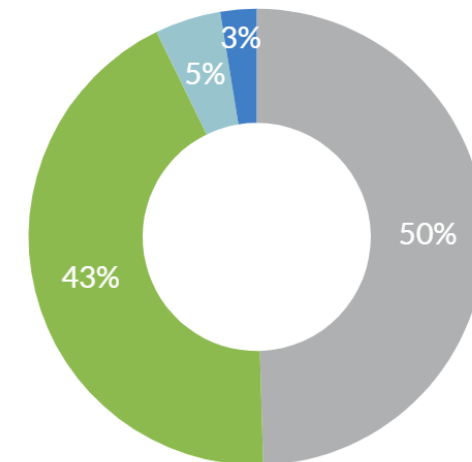
● 230 kV ● 345 kV



Project Facility Types

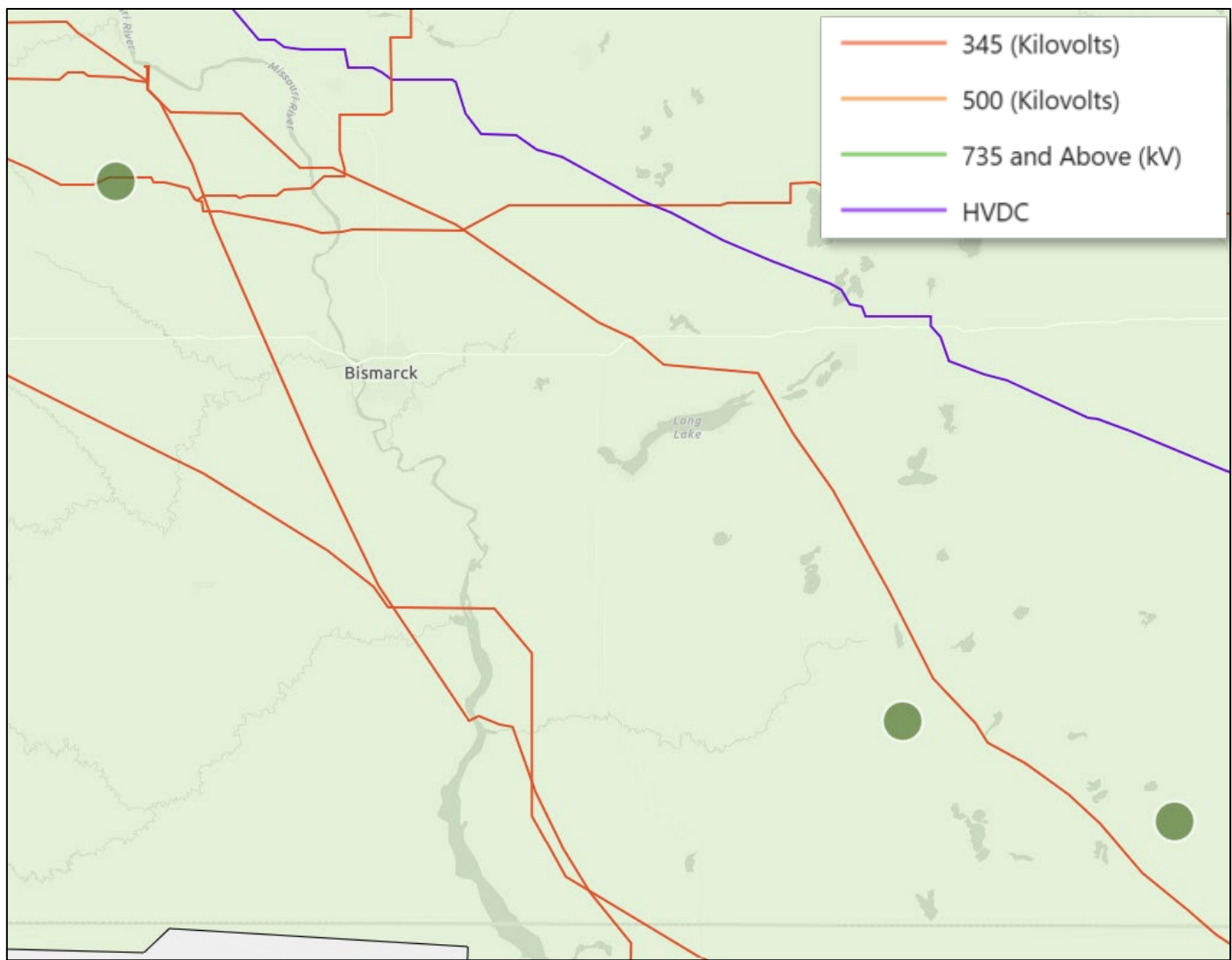
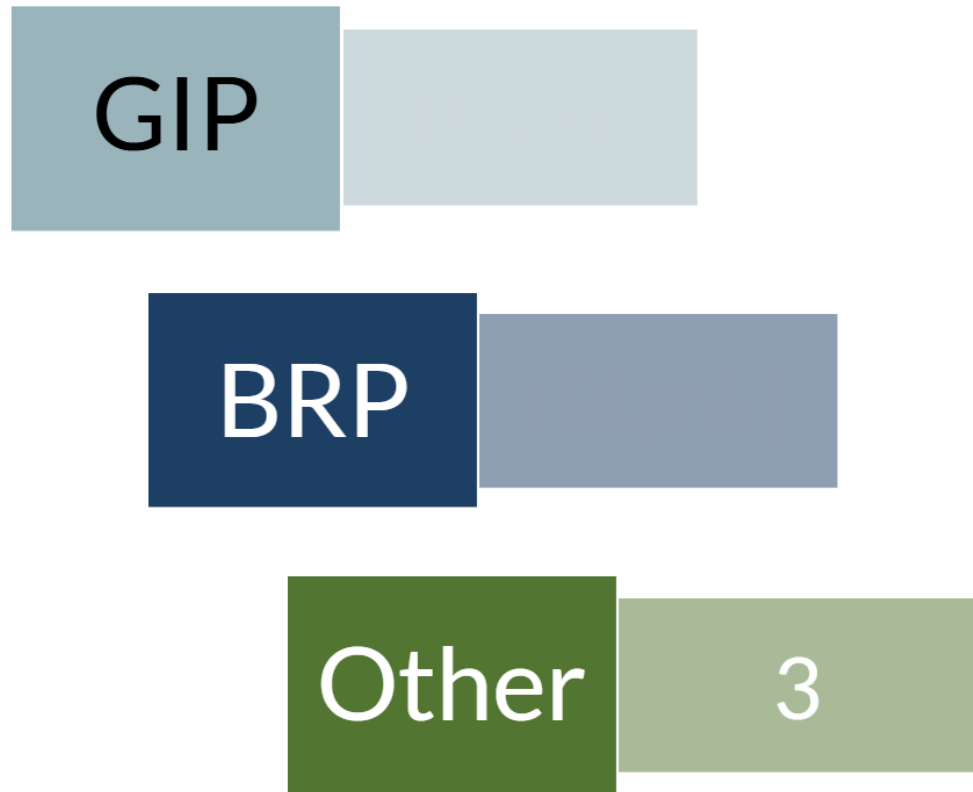
As a Percentage of Cost

● Substation ● Line New ● Transformer ● Line Upgrade

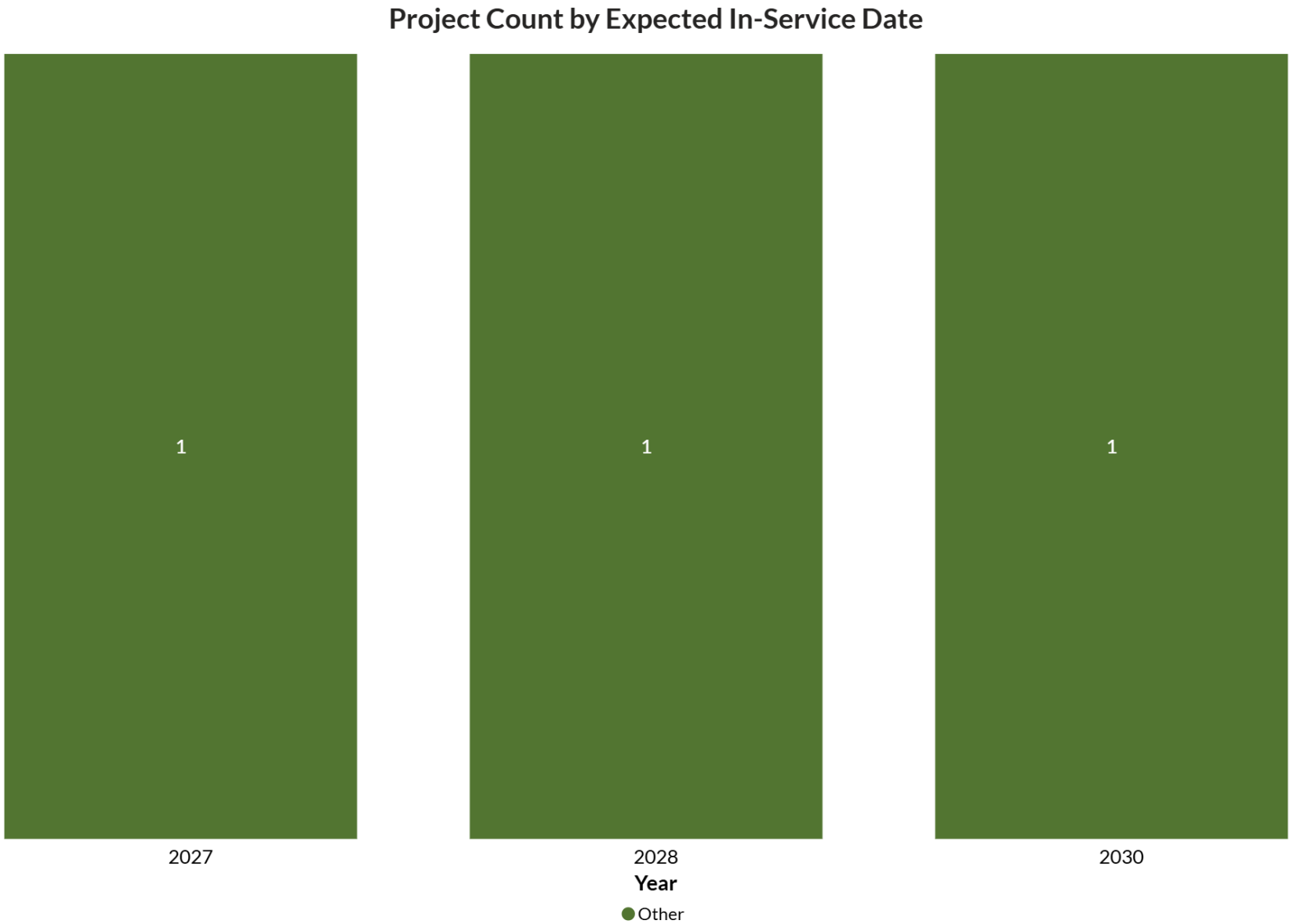


MDU MTEP26 Project Type Breakdown

MONTANA-DAKOTA UTILITIES
CO.MDU
MTEP26 Summary



MDU MTEP26 ISD Breakdown



Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
25474	MDU MTEP23 Generator Deliverability Upgrades	Local Reliability	06/01/2028	\$3.0 M
<u>51219</u>	<u>Wishek NW Data Center Load Addition</u>	<u>Load Growth</u>	<u>06/01/2027</u>	<u>\$2.2 M</u>
<u>51293</u>	<u>Hannover Data Center Load Addition</u>	<u>Load Growth</u>	<u>01/01/2030</u>	<u>\$107.2 M</u>

Questions?

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