



MTEP26 Project Information

MidAmerican Energy Co.(MEC); Cedar Falls Municipal Electric Utility (CFU); Muscatine Power And Water (MPW)

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:

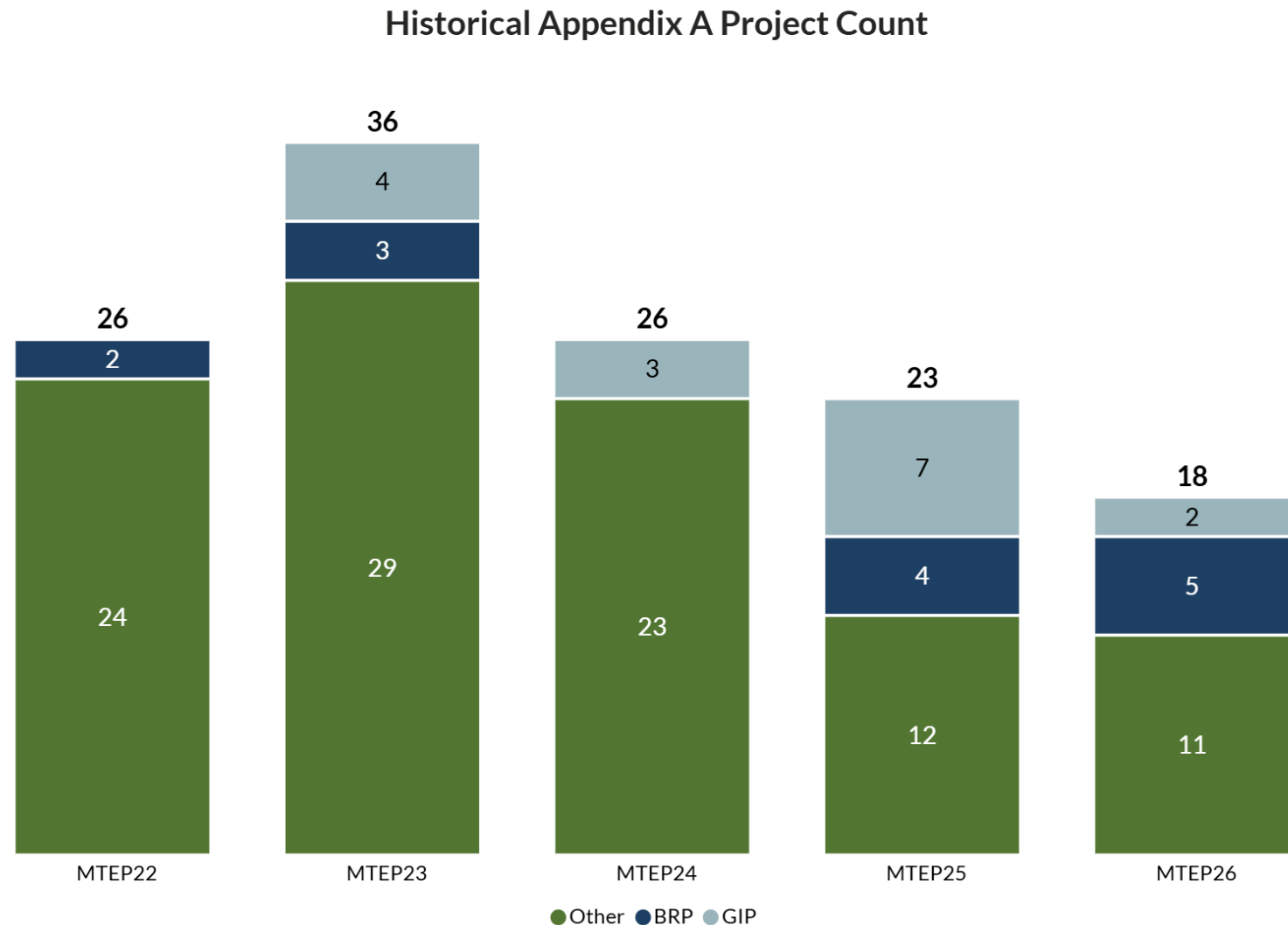
- MidAmerican Energy Co. (MEC): 18 submitted projects at an estimated cost of \$864 million
- Cedar Falls Municipal Electric Utility (CFU): 1 submitted projects at an estimated cost of \$2 million
- Muscatine Power and Water (MPW) did not submit projects for consideration in MTEP26

MidAmerican Energy Co.(MEC)

Update on Current Cycle Projects since SPM2

MTEP Project ID	Project Name	Project Type	Project Change
50834	Clarinda 69 kV Terminal Upgrade	Other – Local Needs	Project cost increased from \$1.1M to \$2M
50853	Booneville: Retire 13 kV Reactors	Other – Local Reliability	Project ISD changed from 12/1/2026 to 6/1/2027

MEC Historical Appendix A data, including recommended MTEP26



MIDAMERICAN ENERGY CO. MEC

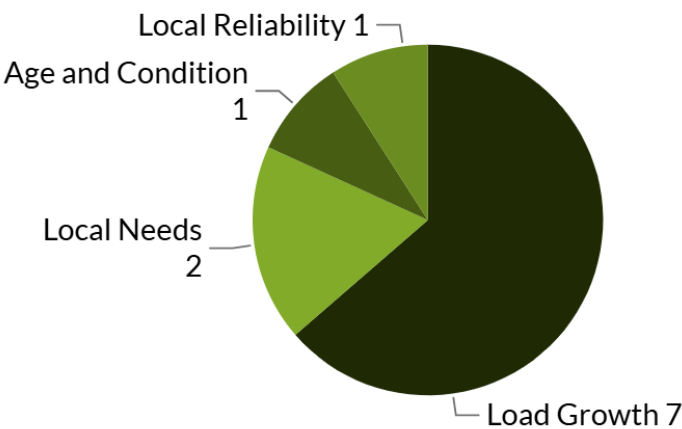
MTEP26 Projects



18
Total Projects

\$864M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

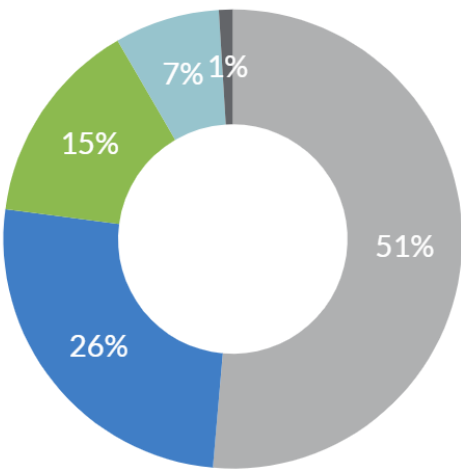
● ≤161 kV ● 345 kV



Project Facility Types

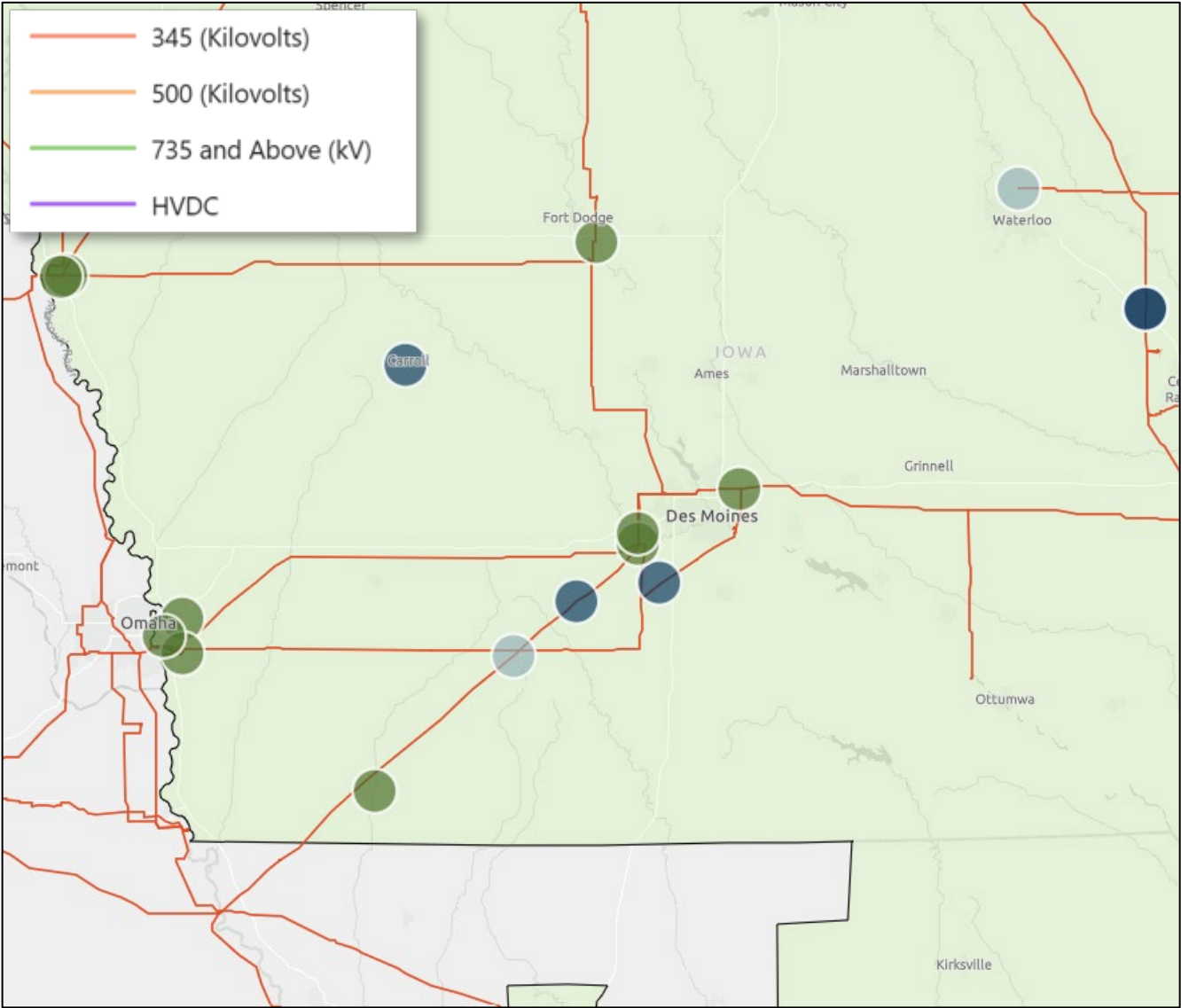
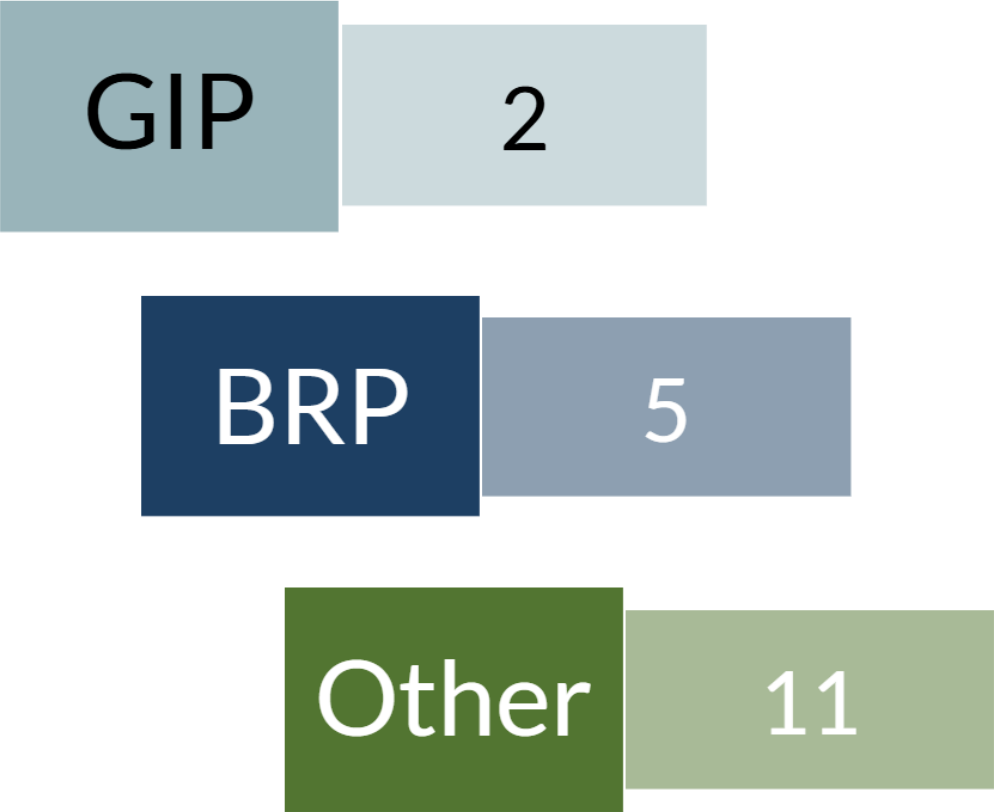
As a Percentage of Cost

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

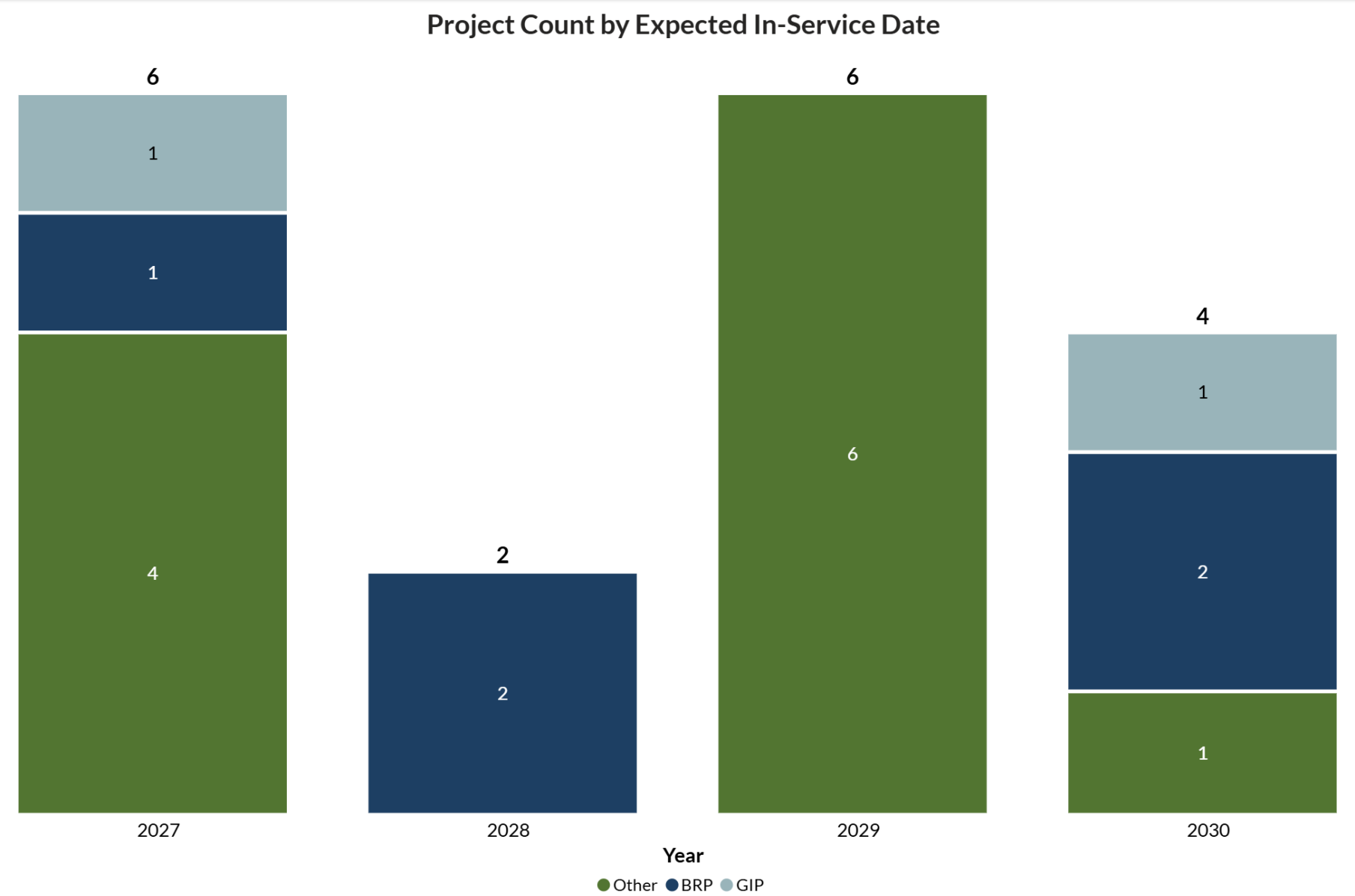


MIDAMERICAN ENERGY CO. MEC MTEP26 Project Type Breakdown

MIDAMERICAN ENERGY CO. MEC MTEP26 Summary

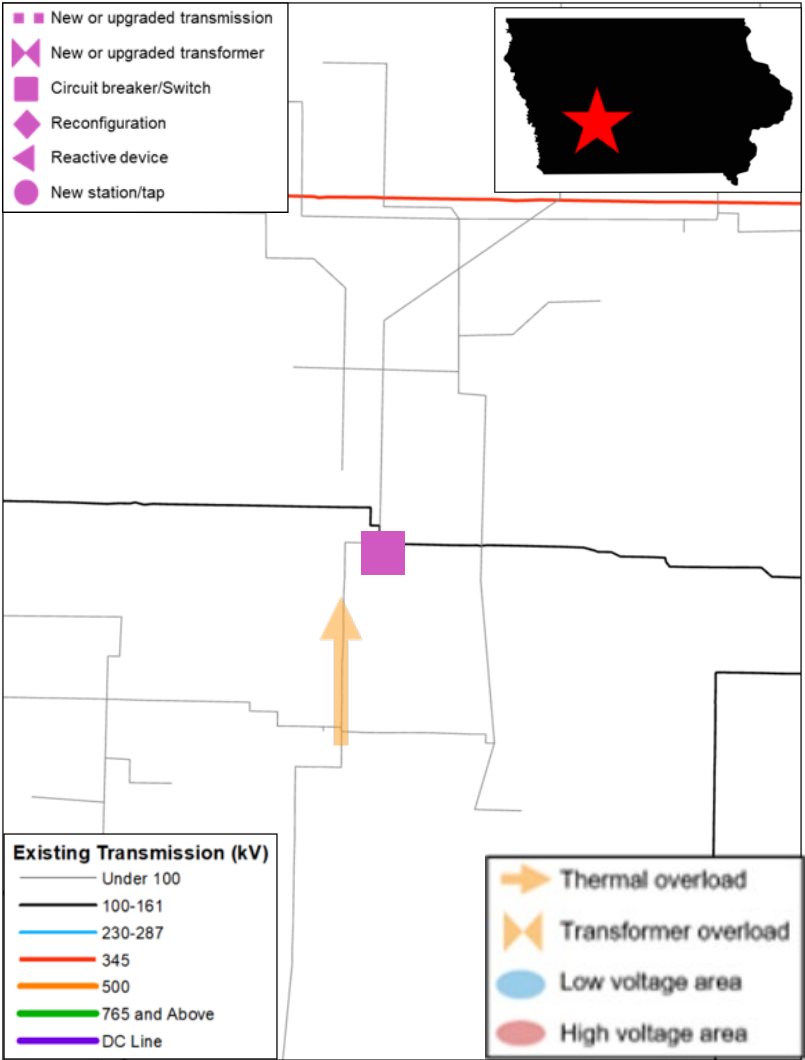


MIDAMERICAN ENERGY CO. MEC MTEP26 ISD Breakdown



Baseline Reliability Project

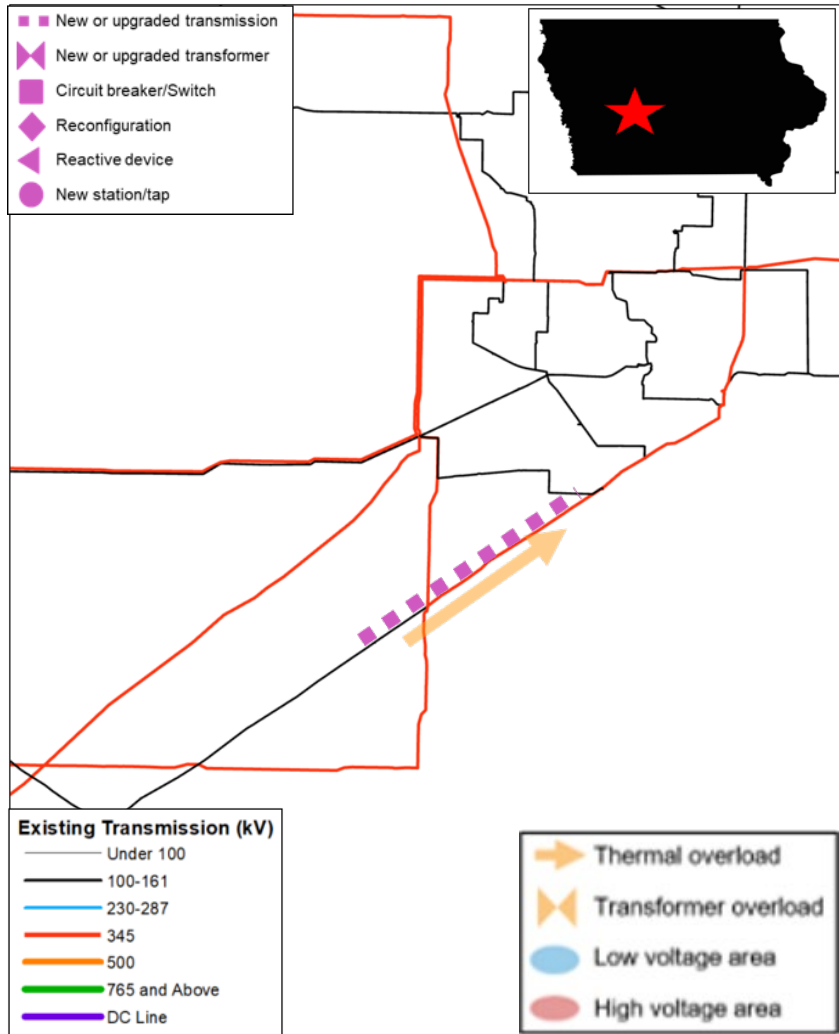
Details for Carroll South 69 kV Terminal Uprate



MTEP Project ID	50835
Project Name	Carroll South 69 kV Terminal Uprate
Project Type	BRP
Project Description	Replace 69 kV breaker and associated terminal equipment at Carroll South Substation on Carroll County line terminal
Current Cost	\$0.5 M
Expected ISD	12/01/2027
Target Appendix	A

Baseline Reliability Project

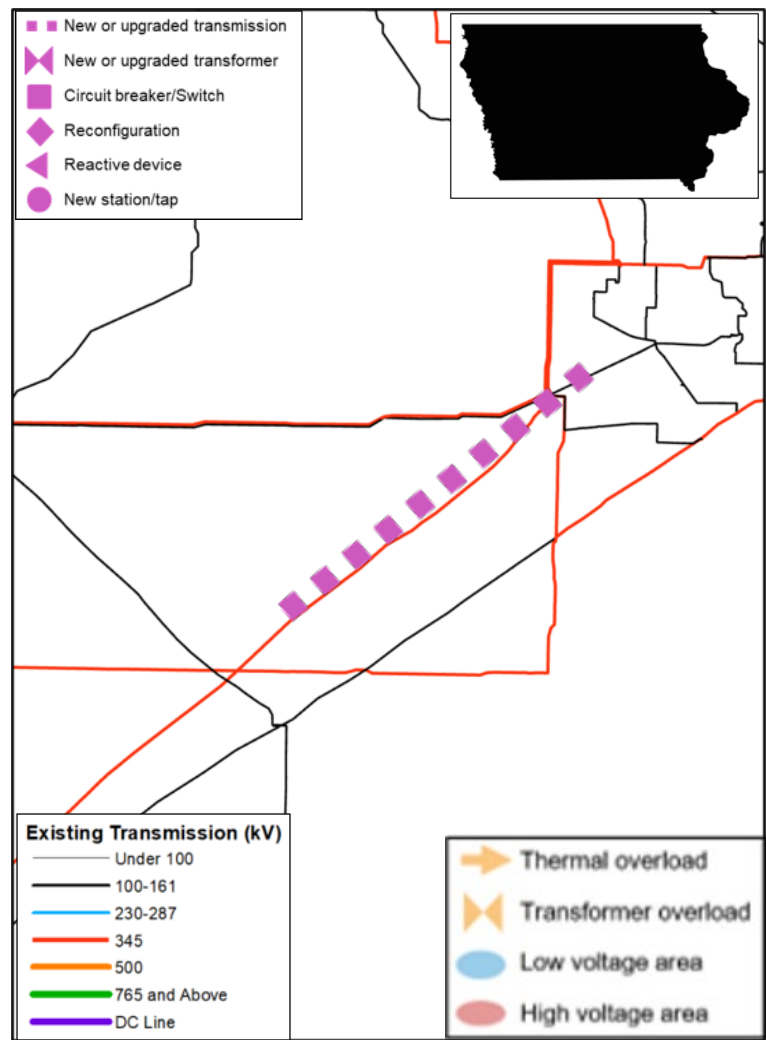
Details for Norwalk-Winterset 161 kV Line Uprate



MTEP Project ID	50836
Project Name	Norwalk-Winterset 161 kV Line Uprate
Project Type	BRP
Project Description	Replace transmission line structures to increase 161 kV line rating.
Current Cost	\$0.3 M
Expected ISD	06/01/2030
Target Appendix	A

Baseline Reliability Project

Details for Southern Hills-Booneville 345 kV Line Uprate



MTEP Project ID	51122
Project Name	Southern Hills-Booneville 345 kV Line Uprate
Project Type	BRP
Project Description	Replace transmission line structures to increase 345 kV line rating.
Current Cost	\$2.2 M
Expected ISD	06/01/2030
Target Appendix	A

BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
50835	Carroll South 69 kV Terminal Uprate	12/01/2027	\$0.5 M
50836	Norwalk-Winterset 161 kV Line Uprate	06/01/2030	\$0.3 M
51122	Southern Hills-Booneville 345 kV Line Uprate	06/01/2030	\$2.2 M
<u>51174</u>	<u>MidAmerican Energy Upgrades for MTEP 50775 Linn County 620 MW Load Addition</u>	<u>07/01/2028</u>	<u>\$2.5 M</u>
51416	MidAmerican Energy Upgrades for MTEP 51259 Big Cedar 370 MW Load Addition	12/31/2028	\$6.5 M

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50721</u>	<u>East Kanesville 161 kV Substation & 161 kV Lines</u>	<u>Load Growth</u>	<u>06/01/2029</u>	<u>\$56.5 M</u>
50832	DMAT North 345 kV Substation and line taps	Load Growth	05/01/2029	\$32.0 M
50834	Clarinda 69 kV Terminal Upgrade	Local Needs	12/01/2027	\$2.0 M
50853	Booneville: Retire 13 kV Reactors	Local Reliability	06/01/2027	\$0.3 M
51085	Green Hill Substation and Associated 345 kV Lines	Load Growth	07/01/2029	\$64.0 M
<u>51087</u>	<u>Indian Creek West 161 kV Substation & Associated Upgrades</u>	<u>Load Growth</u>	<u>07/01/2029</u>	<u>\$103.1 M</u>
51192	Webster and Lehigh Substation Terminal Equipment Upgrades	Local Needs	12/31/2027	\$2.0 M
<u>51216</u>	<u>Van Meter 161 kV Substation and Associated 161 kV Upgrades</u>	<u>Load Growth</u>	<u>02/01/2029</u>	<u>\$42.5 M</u>
51353	Plymouth 161-69 kV Transformer Replacement	Age and Condition	07/01/2029	\$7.9 M

Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
51430	Rebel West 345 kV Substation & Associated Upgrades	Load Growth	12/31/2027	\$131.0 M
51431	Rebel East and Westwood 345 kV Substations & Associated Upgrades	Load Growth	12/31/2030	\$373.0 M

Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
51223	E0002 New 345 kV Interconnection Substation and 345 kV Line Taps	09/01/2027	\$29.1 M
51331	Black Hawk: Install 345 kV 100 MVAR Capacitor	04/01/2030	\$8.1 M

Cedar Falls Municipal Electric Utility (CFU)- One Submitted via EPR Process

Questions?

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