



## MTEP26 Project Information

ITC Midwest (ITCM); Southern Minnesota Municipal Power Agency (SMMMPA)

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*

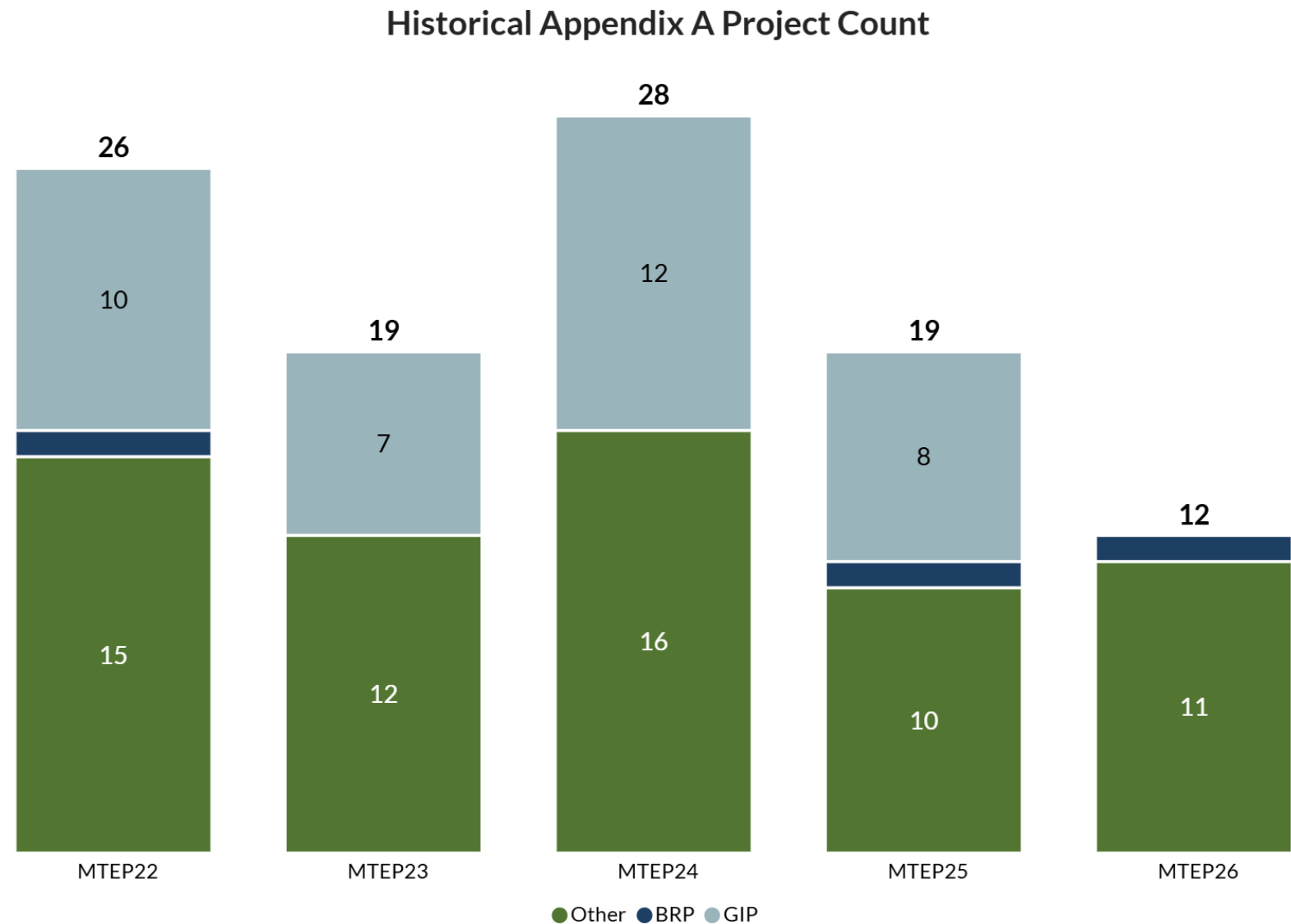
The details of the projects and their costs per West Region TO are shown below:

- ITC Midwest (ITCM): 12 submitted projects at an estimated cost of \$156 million
- Southern Minnesota Municipal Power Agency (SMMPA): 5 submitted projects at an estimated cost of \$48 million

# ITC Midwest (ITCM)

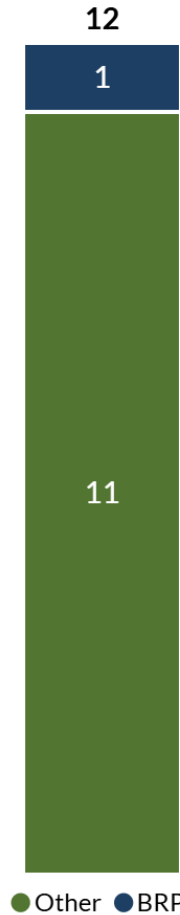
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# ITCM Historical Appendix A data, including recommended MTEP26



# ITC MIDWEST

## MTEP26 Projects

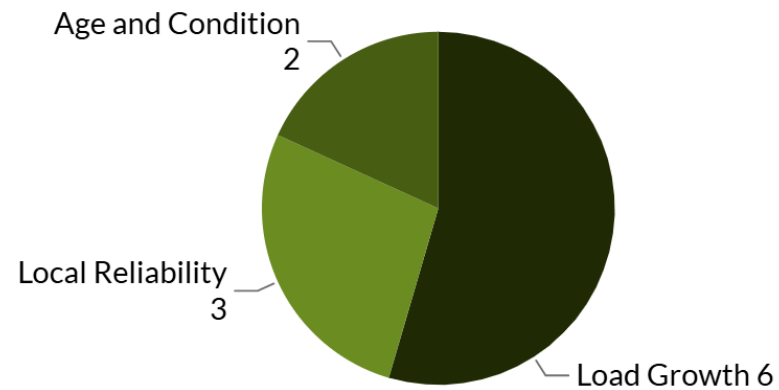


**12**  
Total Projects

**\$156M**  
Investment

## Breakdown of Other Project Types

By Project Count



## Line Miles by Voltage Level

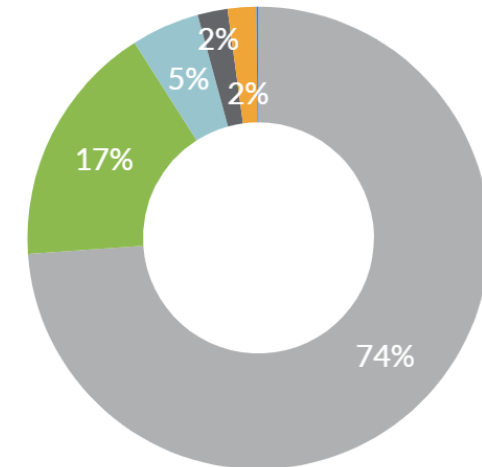
● ≤161 kV ● 345 kV



## Project Facility Types

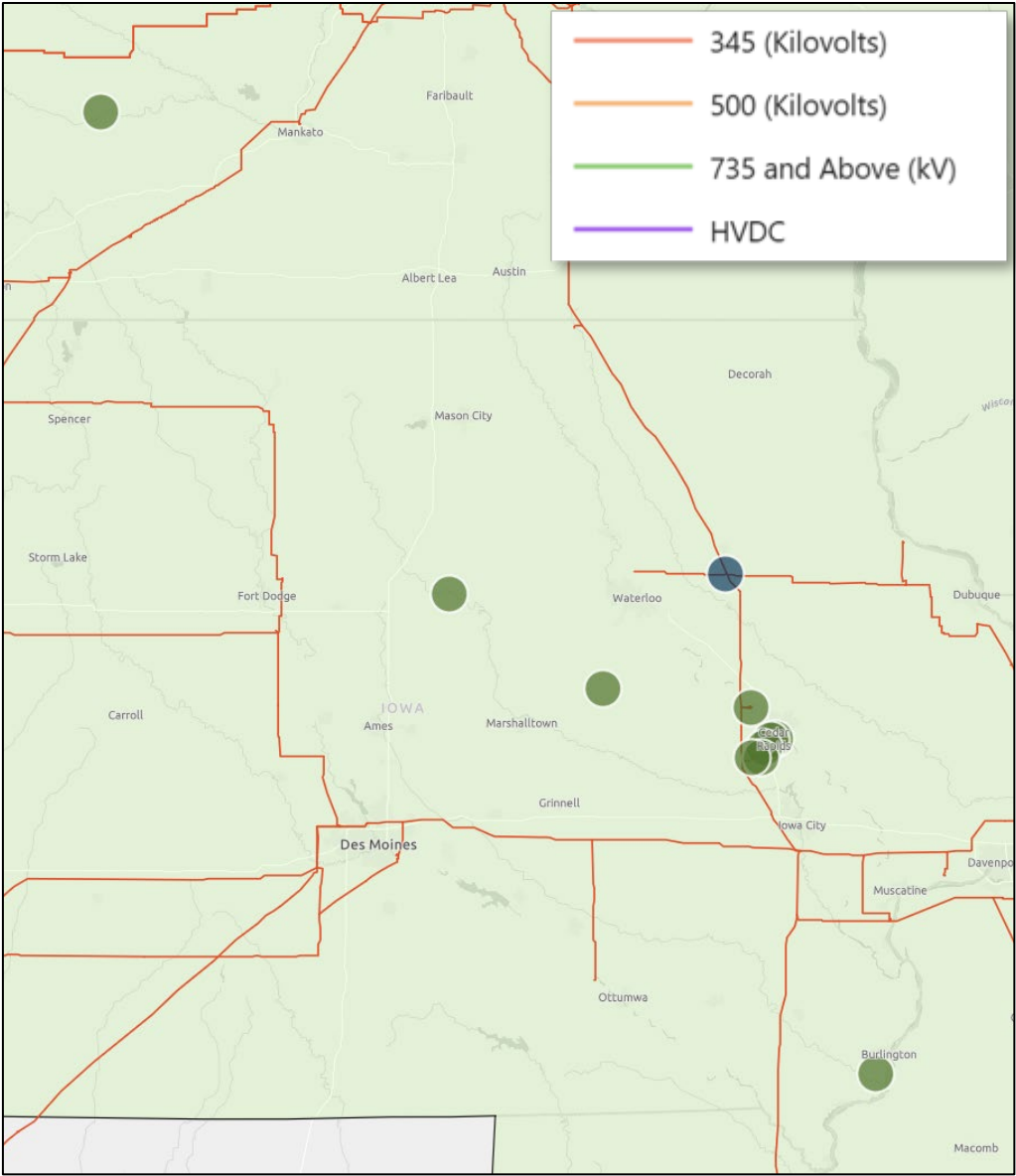
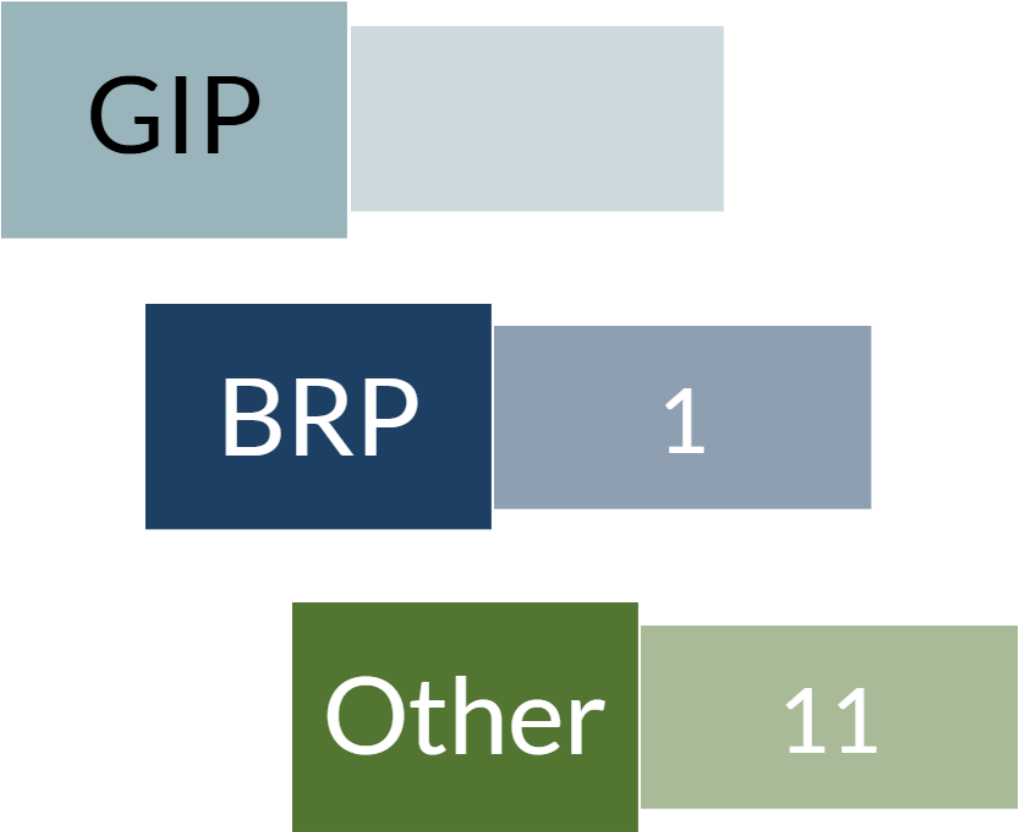
As a Percentage of Cost

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

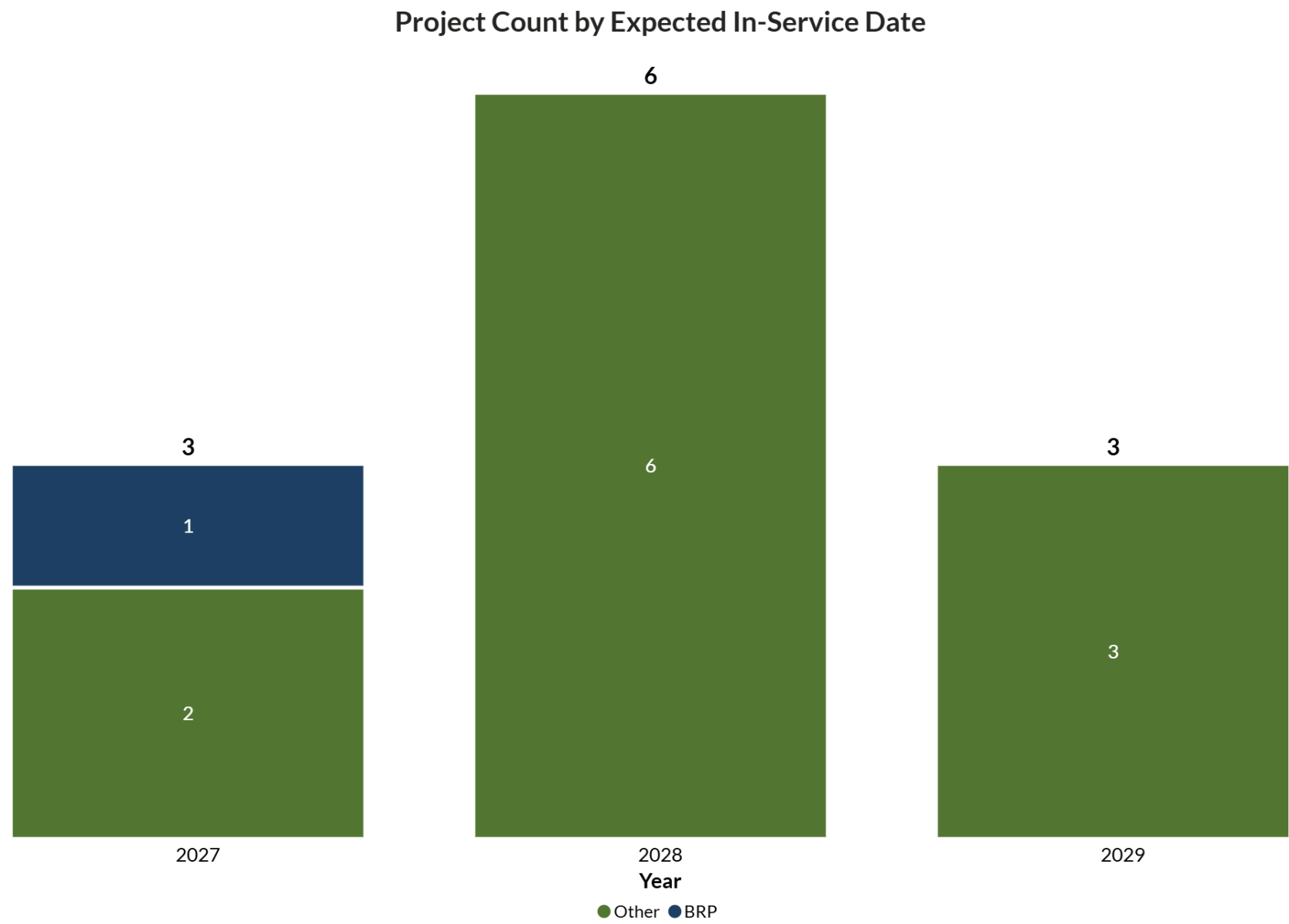


# ITCM MTEP26 Project Type Breakdown

## ITC MIDWEST MTEP26 Summary

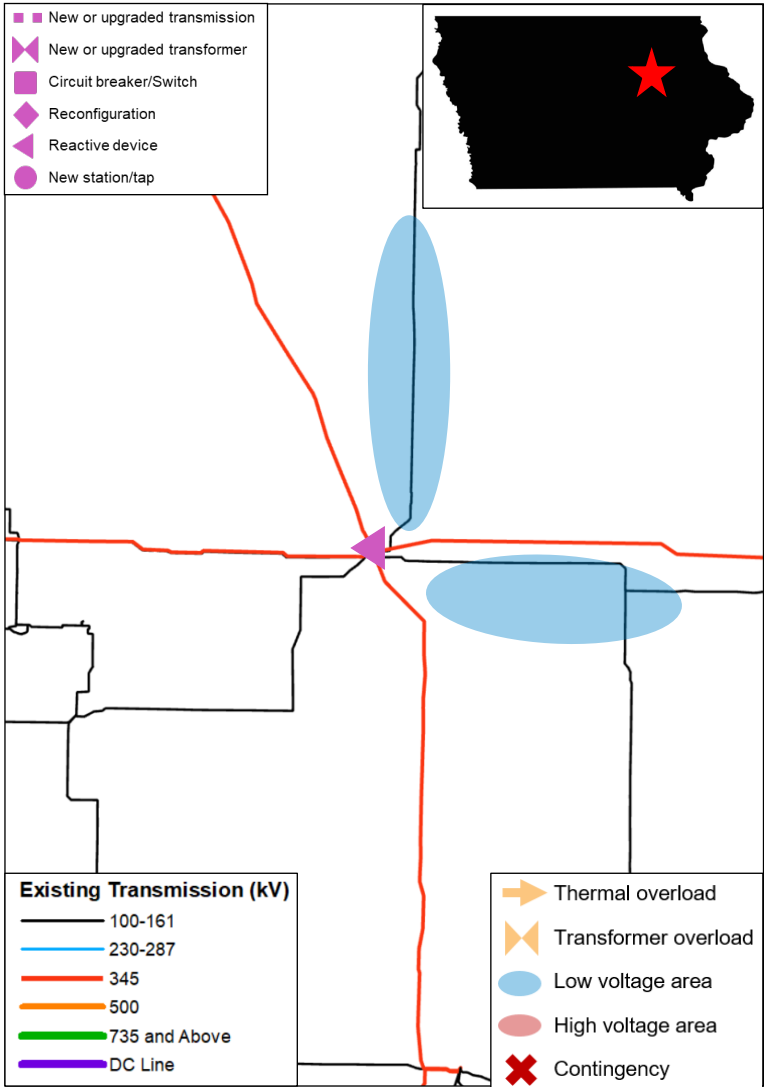


# ITCM MTEP26 ISD Breakdown



# Baseline Reliability Project

## Details for Hazleton 69kV Capacitor Addition



|                     |                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| MTEP Project ID     | 50948                                                                                                                                              |
| Project Name        | Hazleton 69kV Capacitor Addition                                                                                                                   |
| Project Type        | BRP                                                                                                                                                |
| Project Description | Add two banks of capacitor banks to the 69kV portion of Hazelton Substation. Both banks of capacitors are to be each rated at 11.2 MVAR Effective. |
| Current Cost        | \$1.9 M                                                                                                                                            |
| Expected ISD        | 12/31/2027                                                                                                                                         |
| Target Appendix     | A                                                                                                                                                  |

# Other Projects

| MTEP Project ID     | Project Name                                            | Other Type                | Expected ISD             | Current Cost           |
|---------------------|---------------------------------------------------------|---------------------------|--------------------------|------------------------|
| <b><u>50775</u></b> | <b><u>Linn County 620 MW Load Addition</u></b>          | <b><u>Load Growth</u></b> | <b><u>07/01/2028</u></b> | <b><u>\$11.3 M</u></b> |
| 50943               | Kingston Substation Interconnection                     | Load Growth               | 12/31/2027               | \$4.2 M                |
| 50950               | Traer Transformer Replacement                           | Age and Condition         | 12/31/2028               | \$3.6 M                |
| 50951               | Springfield Load Addition                               | Load Growth               | 12/31/2028               | \$1.8 M                |
| 50958               | SCADA Controlled Motor Operated Switch Addition blanket | Local Reliability         | 12/31/2027               | \$3.1 M                |
| 50964               | Load Interconnection Blanket                            | Load Growth               | 12/31/2028               | \$3.8 M                |
| 50968               | Asset Management Blanket                                | Age and Condition         | 12/31/2028               | \$61.4 M               |
| 51101               | Burlington Generation - Deeds 1 161kV Sag Remediation   | Local Reliability         | 12/30/2029               | \$0.2 M                |
| 51102               | Iowa Falls Industrial T4 Replacement                    | Local Reliability         | 12/30/2029               | \$3.8 M                |
| <b>51259</b>        | <b>Big Cedar 370 MW Load Addition</b>                   | <b>Load Growth</b>        | <b>01/01/2029</b>        | <b>\$15.7 M</b>        |
| <b>51364</b>        | <b>Project Atom Load Interconnection</b>                | <b>Load Growth</b>        | <b>06/01/2028</b>        | <b>\$45.5 M</b>        |

# Southern Minnesota Municipal Power Agency (SMMMPA)

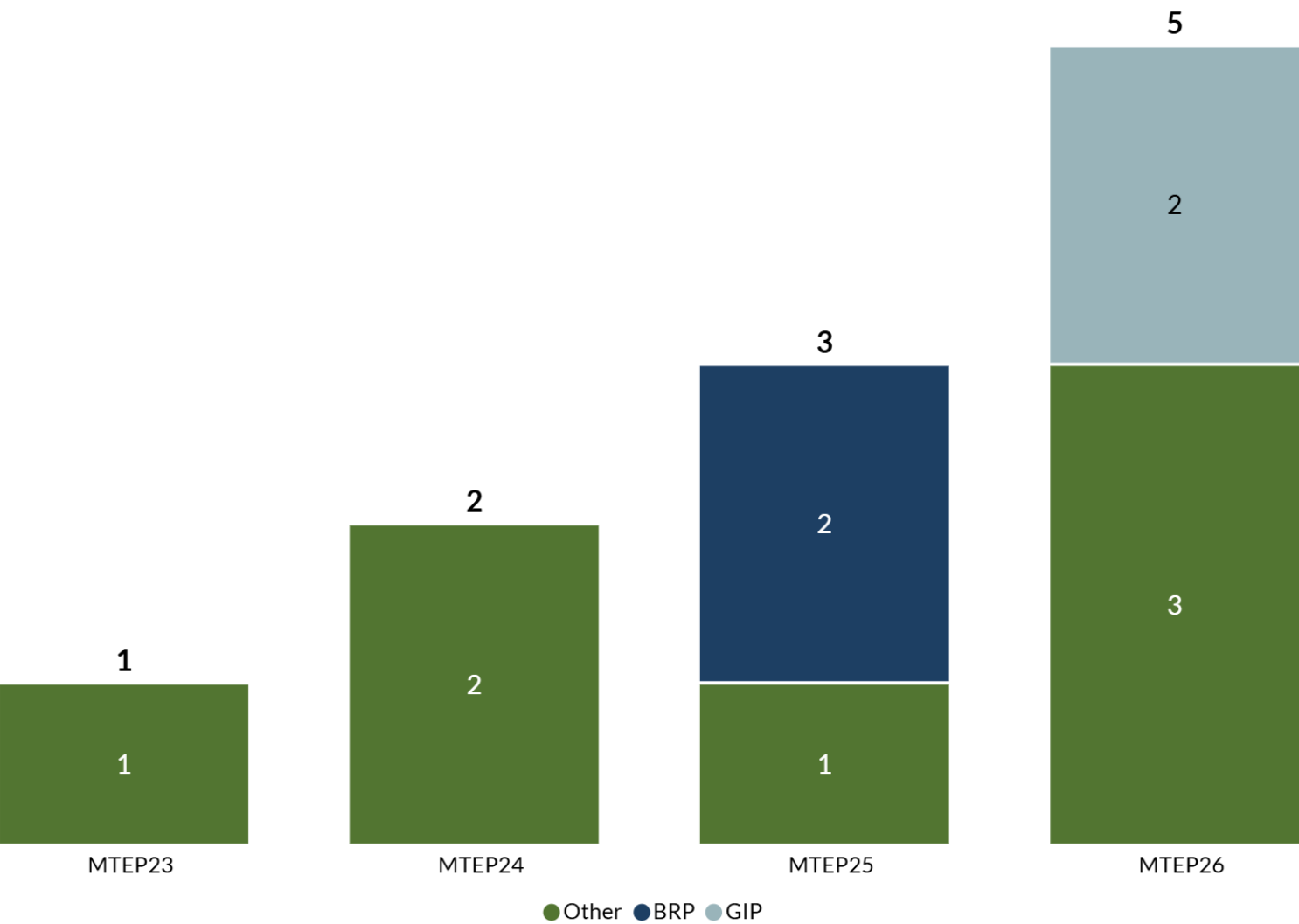
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# Update on Current Cycle Projects since SPM2

| MTEP Project ID | Project Name                      | Project Type | Project Change                                 |
|-----------------|-----------------------------------|--------------|------------------------------------------------|
| 50605           | Byron J1124 345kV Interconnection | GIP          | Project ISD changed from 11/1/2027 to 9/1/2029 |

# SMMPA Historical Appendix A data, including recommended MTEP26

Historical Appendix A Project Count



# SOUTHERN MINNESOTA MUNICIPAL POWER AGENCY

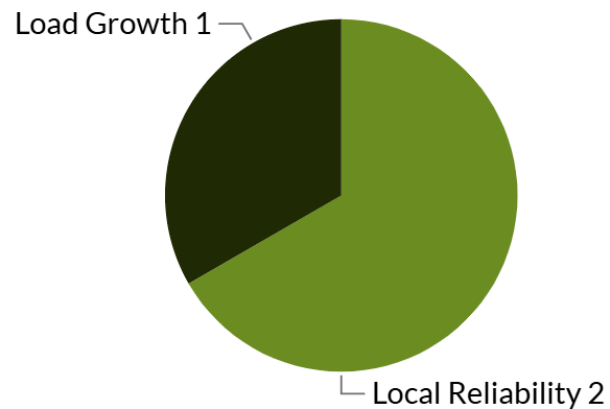
MTEP26 Projects



**5**  
Total Projects

**\$48M**  
Investment

## Breakdown of Other Project Types By Project Count



## Line Miles by Voltage Level

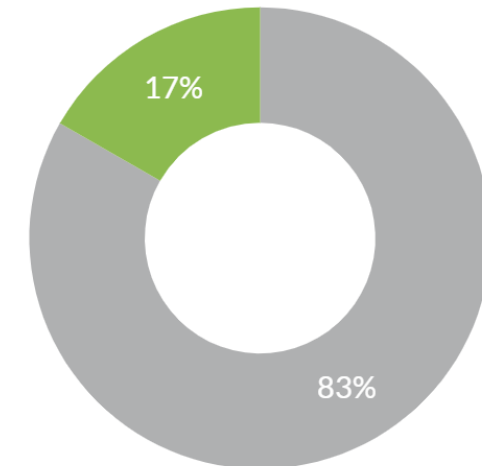
● ≤161 kV

100%

## Project Facility Types

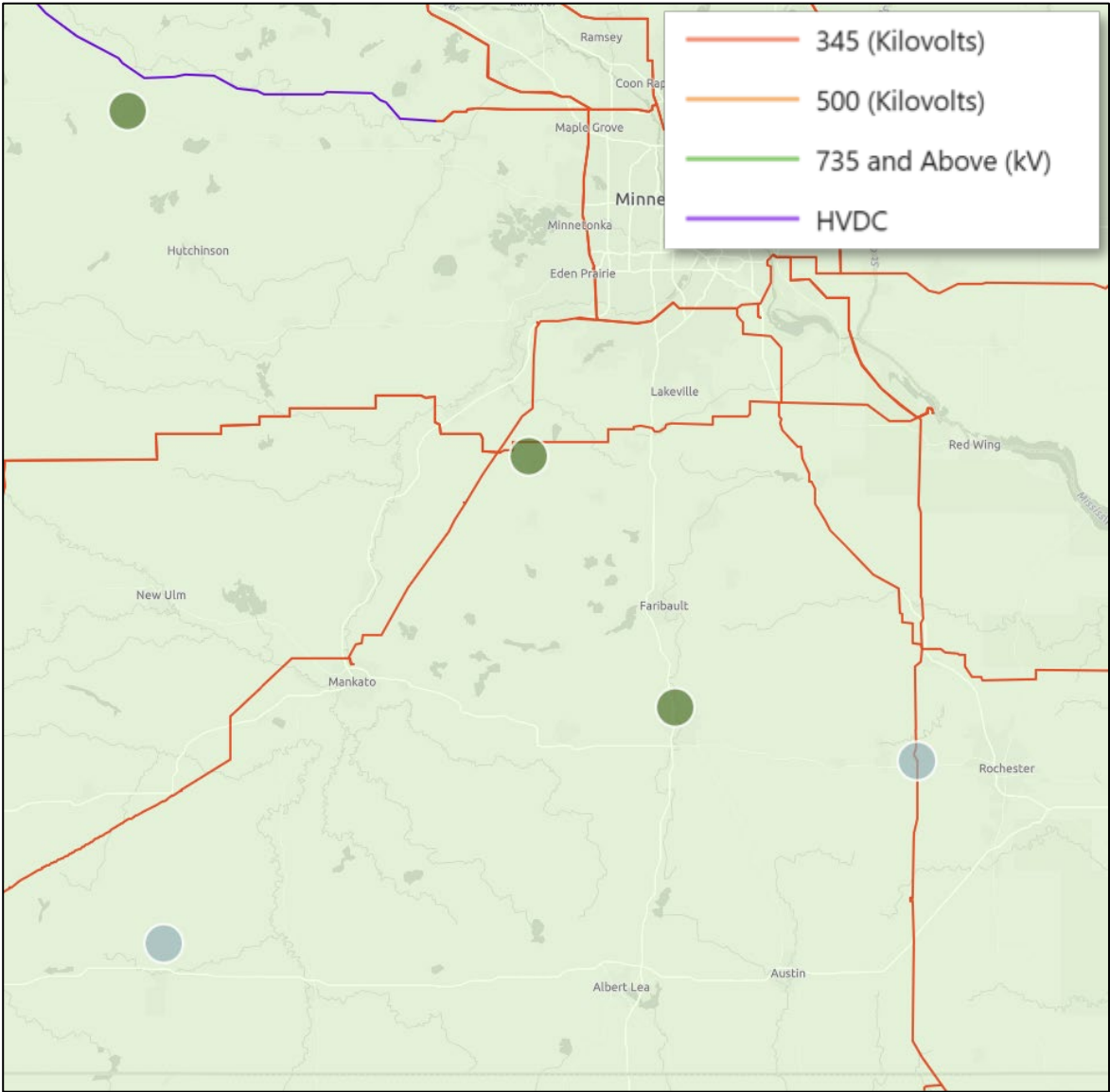
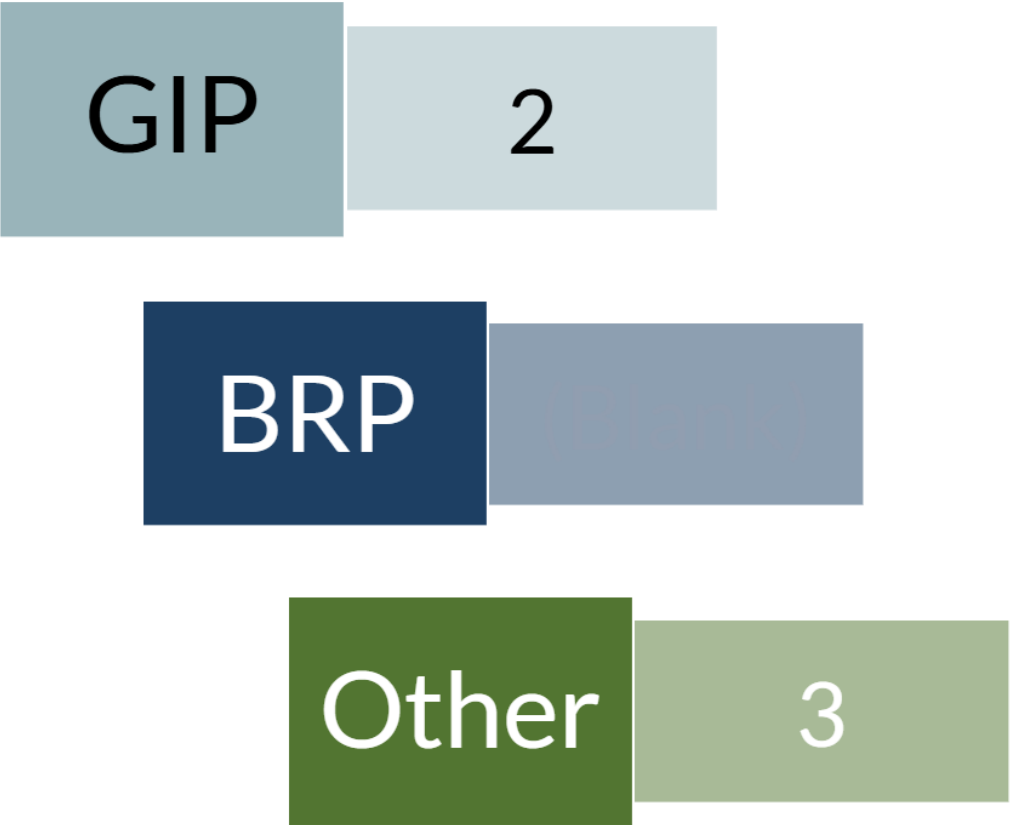
As a Percentage of Cost

● Substation ● Line New



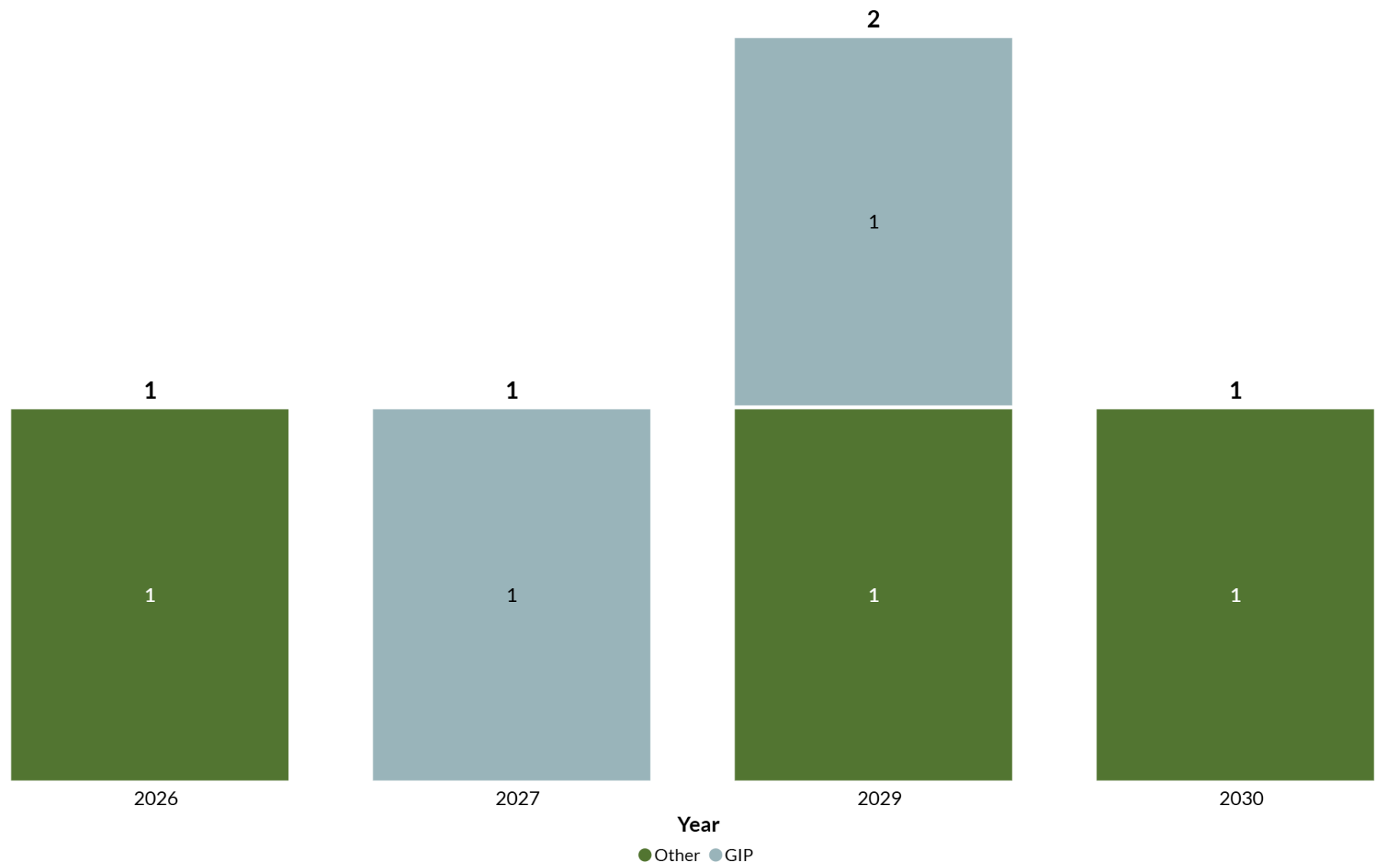
# SMMPA MTEP26 Project Type Breakdown

## SOUTHERN MINNESOTA MUNICIPAL POWER AGENCY MTEP26 Summary



# SMMPA MTEP26 ISD Breakdown

Project Count by Expected In-Service Date



# Other Projects

| MTEP Project ID | Project Name                             | Other Type        | Expected ISD | Current Cost |
|-----------------|------------------------------------------|-------------------|--------------|--------------|
| 51053           | Litchfield 115 kV Voltage Conversion     | Local Reliability | 11/16/2029   | \$15.0 M     |
| 51055           | Owatonna 161/69kV Transmission Expansion | Load Growth       | 06/01/2030   | \$31.0 M     |
| 51208           | New Prague West Substation Improvements  | Local Reliability | 08/01/2026   | \$0.1 M      |

# Generator Interconnection Projects (GIPs)

| MTEP Project ID | Project Name                        | Expected ISD | Current Cost |
|-----------------|-------------------------------------|--------------|--------------|
| 50605           | Byron J1124 345kV Interconnection   | 09/01/2029   | \$0.2 M      |
| 50606           | Rutland J1566 161kV Interconnection | 12/31/2027   | \$1.5 M      |

# Questions?

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MISO is the electric grid operator for the central United States. We ensure power flows reliably and affordably across 15 states and the Canadian province of Manitoba. Additionally, MISO facilitates the buying and selling of electricity in its region and partners with its stakeholders to plan the grid of the future.

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