2026 10-Year Assessment Summary

PRESENTED BY:

System Planning

November 16, 2026

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Highlights

- Since the publication of the 2025 10-Year Assessment, we have:
- Made improvements to 18 substations
- Upgraded or rebuilt approximately 11 transmission lines
- Signed 18 new generator interconnection agreements as part of MISO's 2021 Interconnection Queue, which includes approximately 2,423 megawatts of renewable generation
- Supported our local distribution customers through our Load Interconnection Request (LIRF) program for numerous projects, including:
  - Interconnection of new loads
  - Replacement of aging distribution infrastructure
  - Integration of Distributed Energy Resources (DERs)

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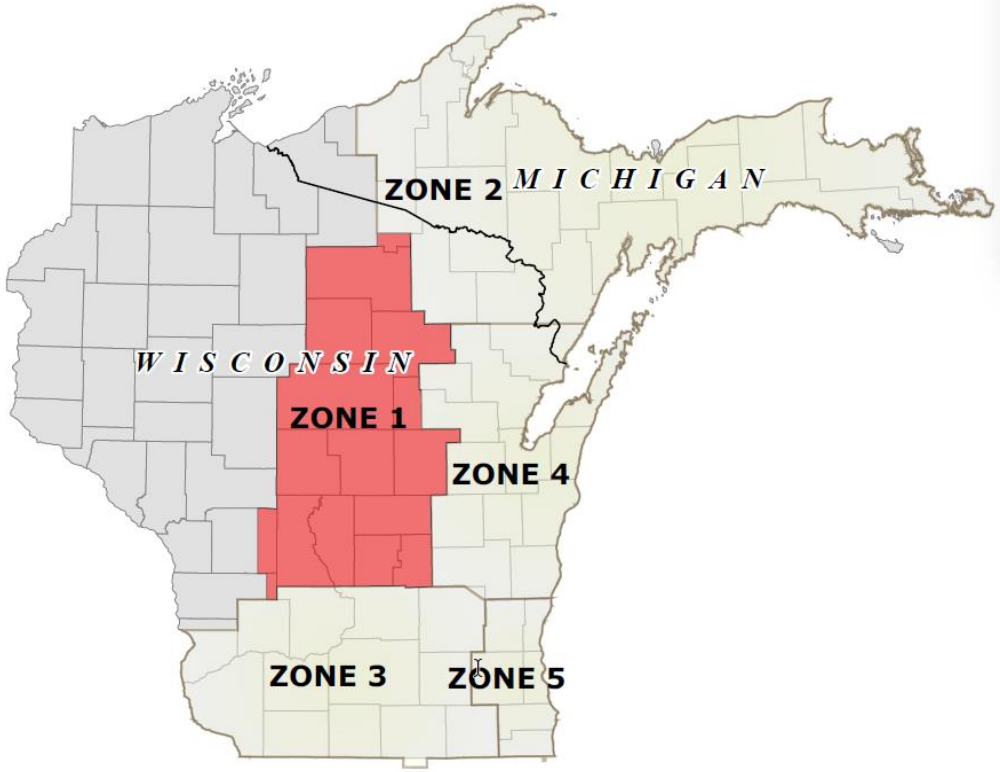
Capital Forecast (10-Year)

ATC 10-Year Assessment	$ in billions 2022	2023	2024	2025	2026
Network	0.5	1.0	1.8	1.9	2.3
Regional Multi-Benefits Projects	0.2	0.1	0.0	0.0	0.0
MISO Long Range Transmission Plan	0.9	0.9	1.4	3.4	3.5
Asset Renewals	2.8	3.4	4.0	4.3	4.1
Distribution Interconnection	0.2	0.7	1.5	3.0	2.4
Generation Interconnection	0.6	0.6	0.8	0.8	1.1
Technology, Facilities, & Inventories	0.3	0.3	0.3	0.6	0.7
Other System Improvements	0.1	0.2	0.1	0.2	0.2
Customer Specific Facilities*	0.0	0.0	0.0	0.0	1.1
Total	**5.7**	**7.2**	**9.9**	**14.2**	**15.5**

* Revenue requirement for such facilities will be directly assigned to the customer and not included in ATC's network rate.

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Zone 1







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System Solutions Key

Substation Key

- C — Capacitor Bank or Reactor
- SS — New Substation
- SM — Substation Modification
- T — Transformer
- T-D — T-D Interconnection
- TL — Transmission Line
- T-T — T-T Interconnection
- ES — Energy Storage
- G-T — G-T Interconnection

Transmission Line Key

- New Transmission Line
- Rebuilt / Reconductored Transmission Line
- Line Rating Upgrade
- Voltage Conversion
- Communication

Color denotes kV for both Substation and Transmission

Existing Transmission Lines Key

- 345 kV
- 230 kV
- 161 kV
- 138 kV
- 115 kV
- 69 kV
- Multi-Circuit - Color denotes kV
- Underground - Color denotes kV
- 345 kV Maintained by Others

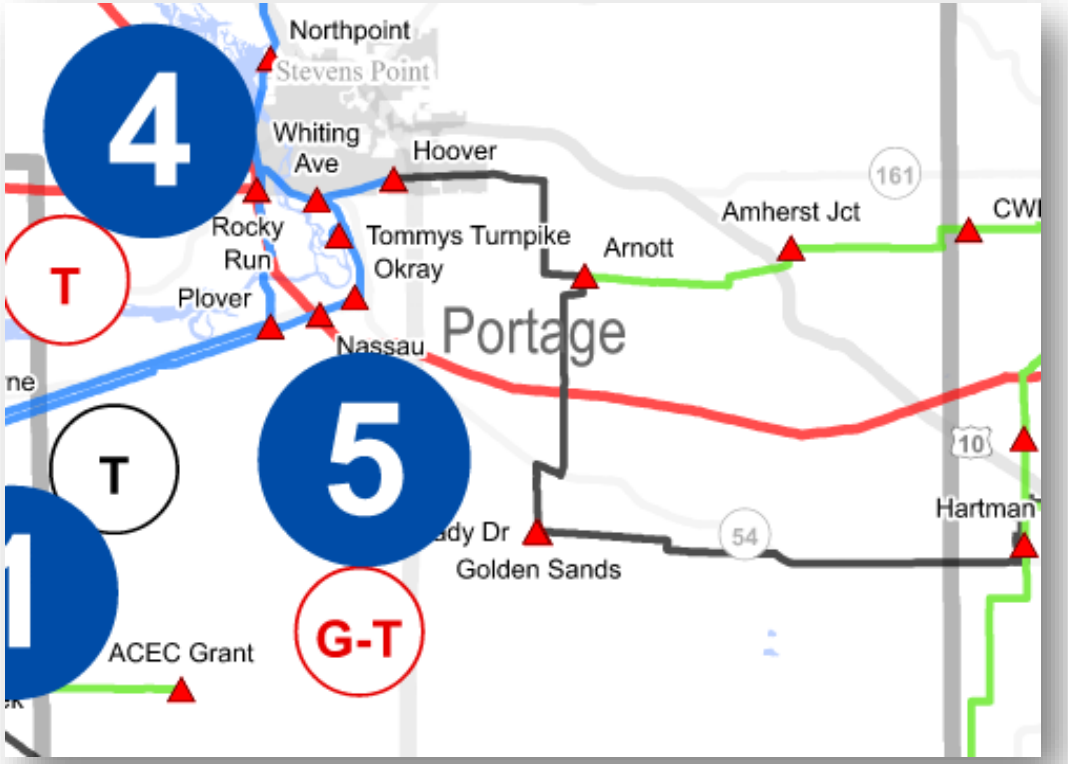
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Zone 1 Projects

Project Description	Project #	In-service year	Need Driver	Status	Regulatory Update	Zone
Saratoga – 7 Mile Creek 138 kV, Construct New Line phase two	1	2027	Reliability	Planned	N/A	1
Badger West 69kV 20ohm Series Reactor	2	2027	Operational Flexibility	Proposed	N/A	1
Northern Adams County Area Network Improvement Project	3	2027	Reliability / T-D Interconnection	Planned	CA Approved in 2026	1
Rocky Run SS T2 and T4 Power Transformer Replacement	4	2027	Reliability/Condition and performance	Planned	CA approved in 2026	1
J2099 J2107 J2185 MPFCA Network Upgrades	5	2028	G-T interconnection	Proposed	CA Approved	1
North Central WI Reliability Project	6	2028	Reliability	Planned	CPCN Approved in 2026	1
Pittsville Area Reliability Project	7	2029	Reliability / T-D Interconnection	Planned	CPCN targeted filing 2026	1
Y-95 Sectionalizing Project	8	2030	Network Reliability	Proposed	Future CA Filing	1
Pine – Skanawan Tap – Eastom 115 kV (I-9), OPGW Addition & Partial Rebuild	9	2031	Communication, Condition and Performance	Proposed	N/A	1

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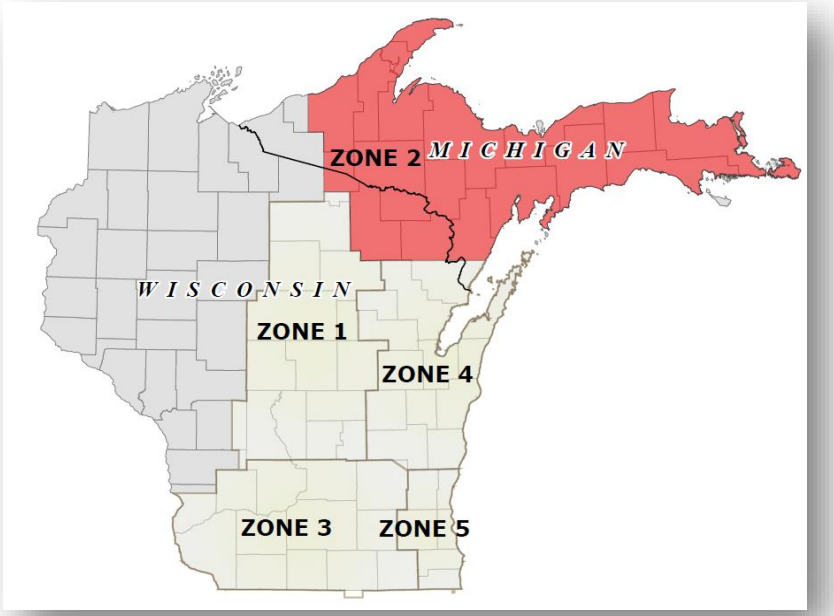
J2099, J2107, and J2185 Upgrades and Interconnection Facilities



- Need Drivers:
  - G-T Interconnection for 1200 MW Solar Plant in Portage County along Line WERW-L41
- Scope of Work:
  - Construct new 345kV substation between Rocky Run and Werner West
  - WERW-L41 345 kV transmission modifications
  - J2099, J2107, J2185 Interconnection Facilities
- Estimated cost: $27.3 million
- Proposed In Service Date: 2028
- The project is targeted as MTEP 2027 Appendix A and a CA approved in March 2026

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Zone 2



System Solutions Key

Substation Key	Transmission Line Key	Existing Transmission Lines Key
C Capacitor Bank or Reactor	New Transmission Line	345 kV
SS New Substation	Rebuilt / Reconductored Transmission Line	230 kV
SM Substation Modification	Line Rating Upgrade	161 kV
T Transformer	Voltage Conversion	138 kV
T-D T-D Interconnection	Communication	115 kV
TL Transmission Line	Color denotes kV for both Substation and Transmission	69 kV
T-T T-T Interconnection		Multi-Circuit - Color denotes kV
ES Energy Storage		Underground - Color denotes kV
G-T G-T Interconnection		345 kV Maintained by Others

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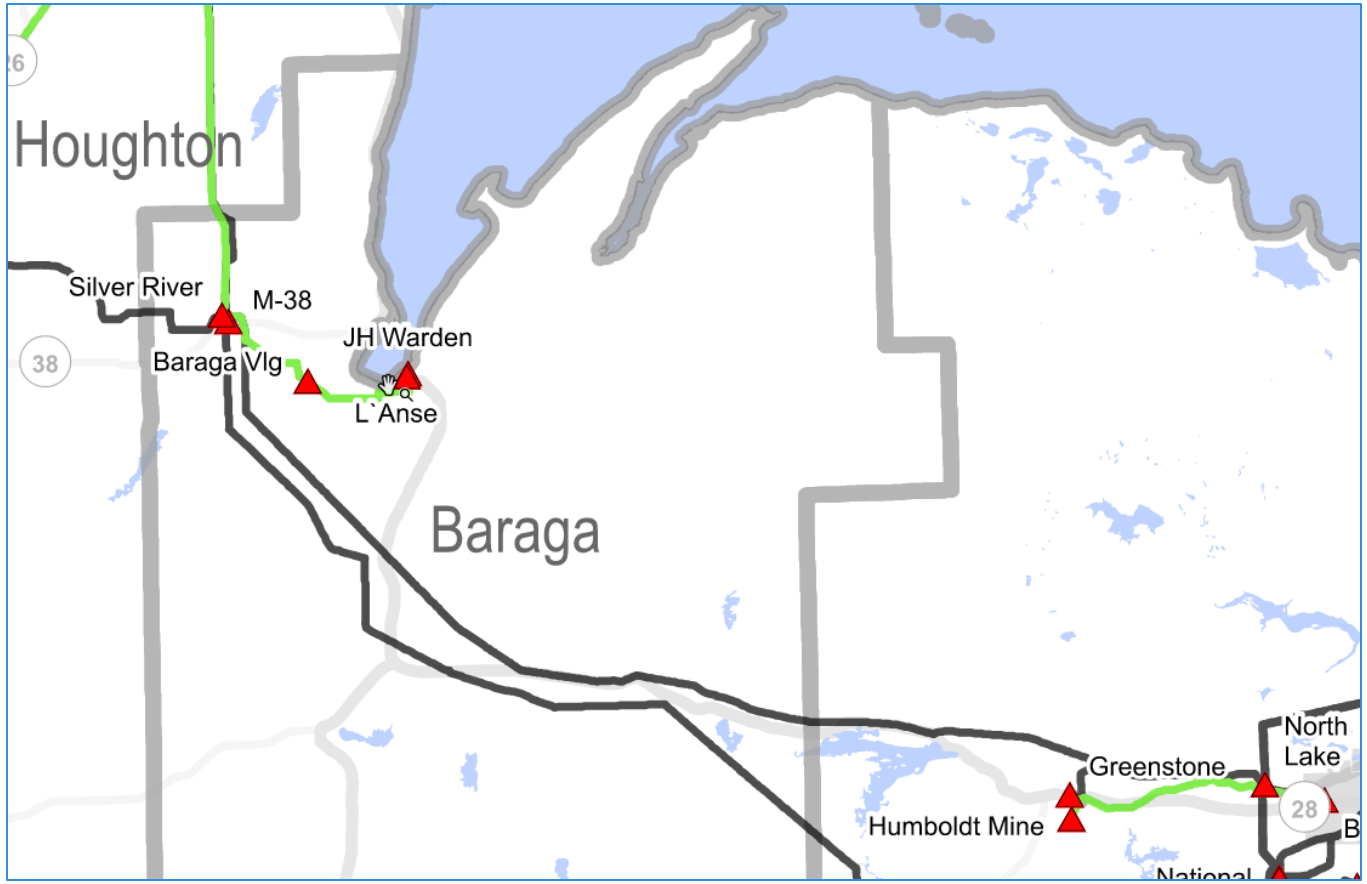


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Zone 2 Projects

Project Description	Project #	In-service year	Need Driver	Status	Regulatory Update	Zone
Munising Area Reactive Power Project	1	2027	Reliability	Planned	N/A	2
Cornell Tap – Watson Tap 69kV (Chandler), Partial Rebuild	2	2028	Condition and Performance	Planned	N/A	2
Pine River – Mich Limestone Loading Dock 69 kV (ESE_6906), Rebuild	3	2028	Condition and Performance	Planned	N/A	2
9 Mile SW STA - Pine River 69 kV (6921/23), Rebuild	4	2028	Condition and Performance	Proposed	N/A	2
J1750 Grace Lake SS Network Upgrades and Interconnection Facilities	5	2028	G-T Interconnection	Proposed	N/A	2
3 Mile - 9 Mile 69 kV (ESE_6903/ESE_6902/6901), Rebuild and Reconfigure	6	2029	Condition and Performance	Proposed	N/A	2
Hiawatha SS Control Building , Relays and Breaker Asset Renewal	7	2029	Condition and Performance	Proposed	N/A	2
J2029 Perch Lake SS Interconnection Facilities	8	2030	G-T Interconnection	Proposed	N/A	2
Western UP Reliabilty Project	9	2031	Reliability, Condition and Performance	Proposed	CA Filing in 2027	2
Magazine - Portage St., New 69 kV Line	10	2031	Reliability	Proposed	N/A	2
Silver River – North Lake 138 kV (NLKG31), Rebuild	11	2032	Condition and Performance	Provisional	N/A	2
Arnold - Plains 138 kV (78652) Partial Rebuild	12	2032	Condition and Performance	Provisional	N/A	2

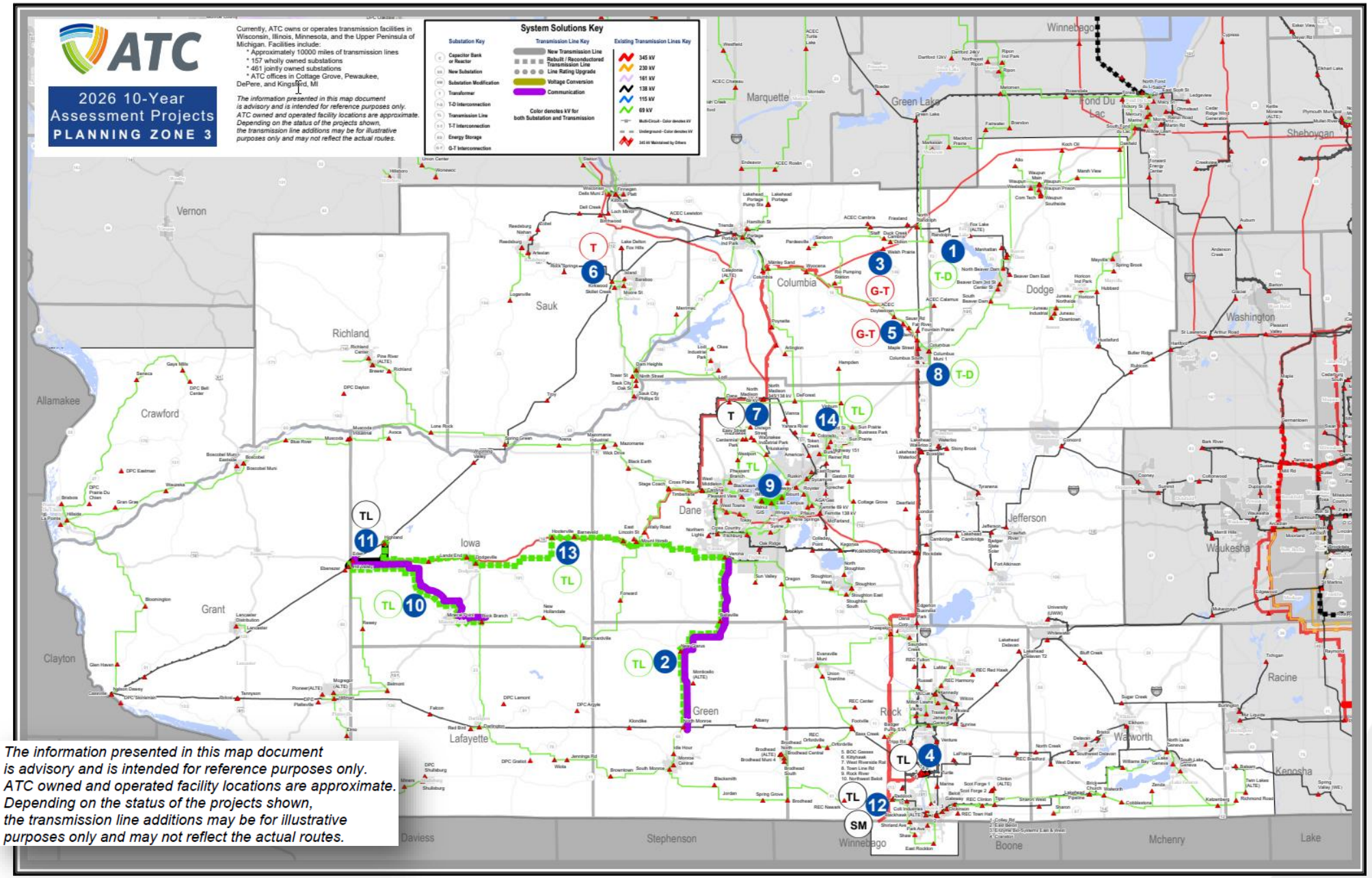
Silver River – North Lake 138 kV (NLKG31), Rebuild



- Need Driver:
  - Condition and performance
    - Bottom 5% for 138kV wood structure condition
    - Large amount of woodpecker damage
    - 8 outages in the last 10 years related to lightning and/or tree contact
  - Other benefits:
    - Extend fiber path
    - Future capacity needs
- Scope of Work:
  - Rebuild ~54.5 miles of NLKG31 as single circuit steel monopole 138 kV circuit
  - Install new conductor and fiber
- Estimated cost: $165 million
- Estimated In Service Date: June 2034
- The project is included in MTEP25 Target Appendix B

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Zone 3



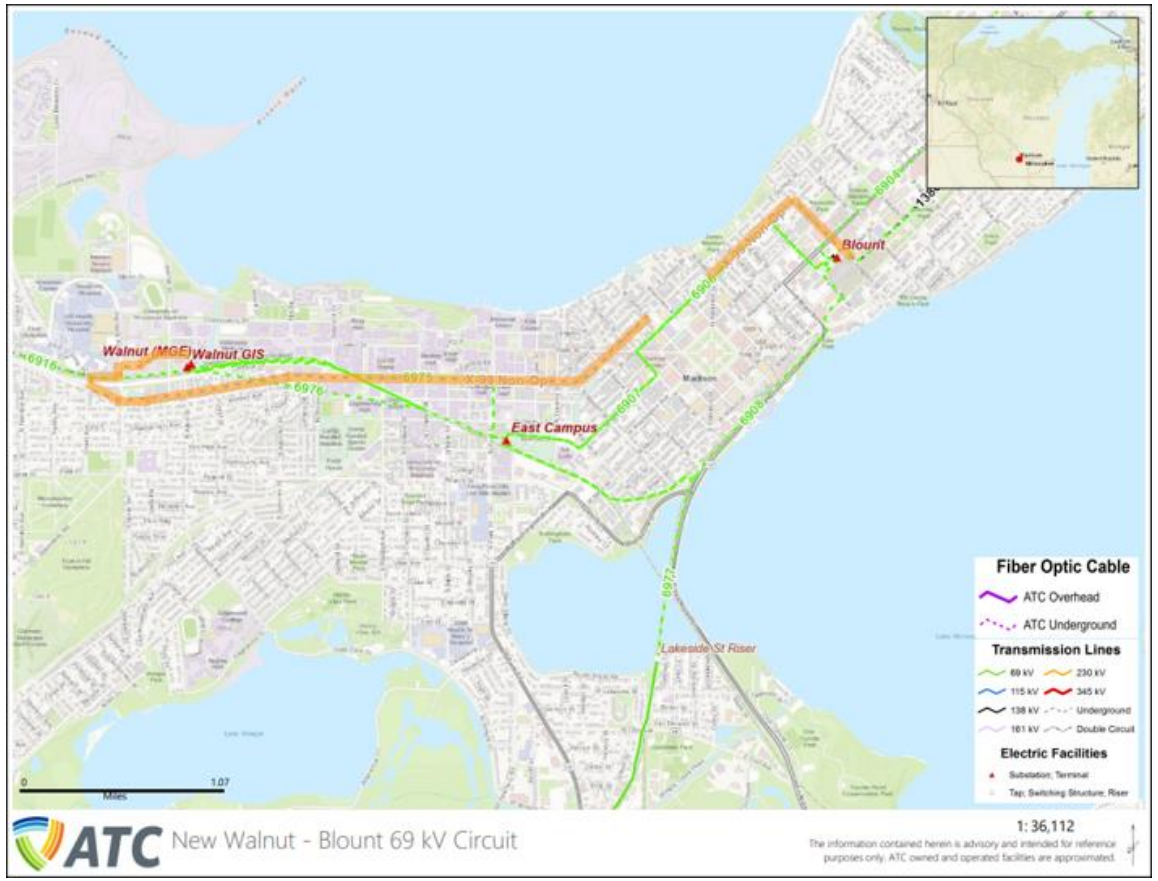
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Zone 3 Projects

Project Description	Project #	In-service year	Need Driver	Status	Regulatory Update	Zone
Dodge County, DIC, New Substation	1	2027	T-D Interconnection	Planned	CPCN Approved in 2025	3
North Monroe – Verona 69 kV (Y-42/Y-208), Rebuild & OPGW	2	2028	Condition and Performance	Proposed	Possible CA/CPCN Filing	3
J1629 Welsh Prairie SS Network Upgrades and Interconnection Facilities	3	2028	G-T Interconnection	Planned	CA Filed in 2026	3
Townline Rd - Rock River 138 kV, Construct New Line	4	2028	Reliability	Proposed	N/A	3
J2304 SS Interconnection Facilities	5	2028	G-T Interconnection	Proposed	CA Filed in 2026	3
Kirkwood SS, Power Transformer and Breaker Asset Renewal	6	2028	Condition and Performance	Planned	CA Filing in 2027	3
North Madison 69kV SS Power Transformer and Breaker Asset Renewal	7	2029	Condition and Performance and Reliability	Proposed	N/A	3
Columbus SS, DIC, Reconfiguration	8	2028	T-D Interconnection	Planned	CA filing in 2027	3
Walnut – Blount 69 kV, Construct New Line	9	2030	Reliability	Provisional	Future CA Filing	3
Eden – Rock Branch 69kV (Y-106), Rebuild & OPGW	10	2030	Condition and Performancek,	Planned	N/A	3
Highland – Hill Valley 138 kV, Construct New Line	11	2031	Reliability	Proposed	N/A	3
Paddock SS Replace GIS with AIS, Additional Third 138kV Source	12	2031	Condition and Performance and F	Provisional	Likely CA/CPCN filing	3
Highland – Verona 69 kV (Y-138/Y-36/Y-209/Y-136), Partial Rebuild	13	2031	Condition and Performance	Provisional	N/A	3
Sun Prairie Area Reliability Project	14	2032	Reliability	Planned	CA Targeted filing 2027	3

Walnut – Blount 69kV, New Line



= Existing 8" pipe

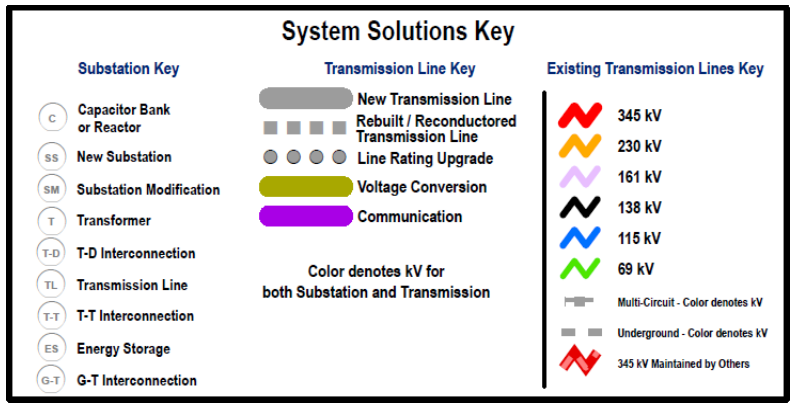
- Need Driver:
  - MTEP thermal overloads
- Project scope:
  - Install new underground 69 kV circuit between Walnut SS and Blount SS
  - Project will utilize existing vacant 8" pipe for most of new underground path
- Estimated cost: $55.9 million
- Proposed In Service Date: Q4 2030
- The project is targeted as MTEP 2027 Appendix A and is expected to require a CA application

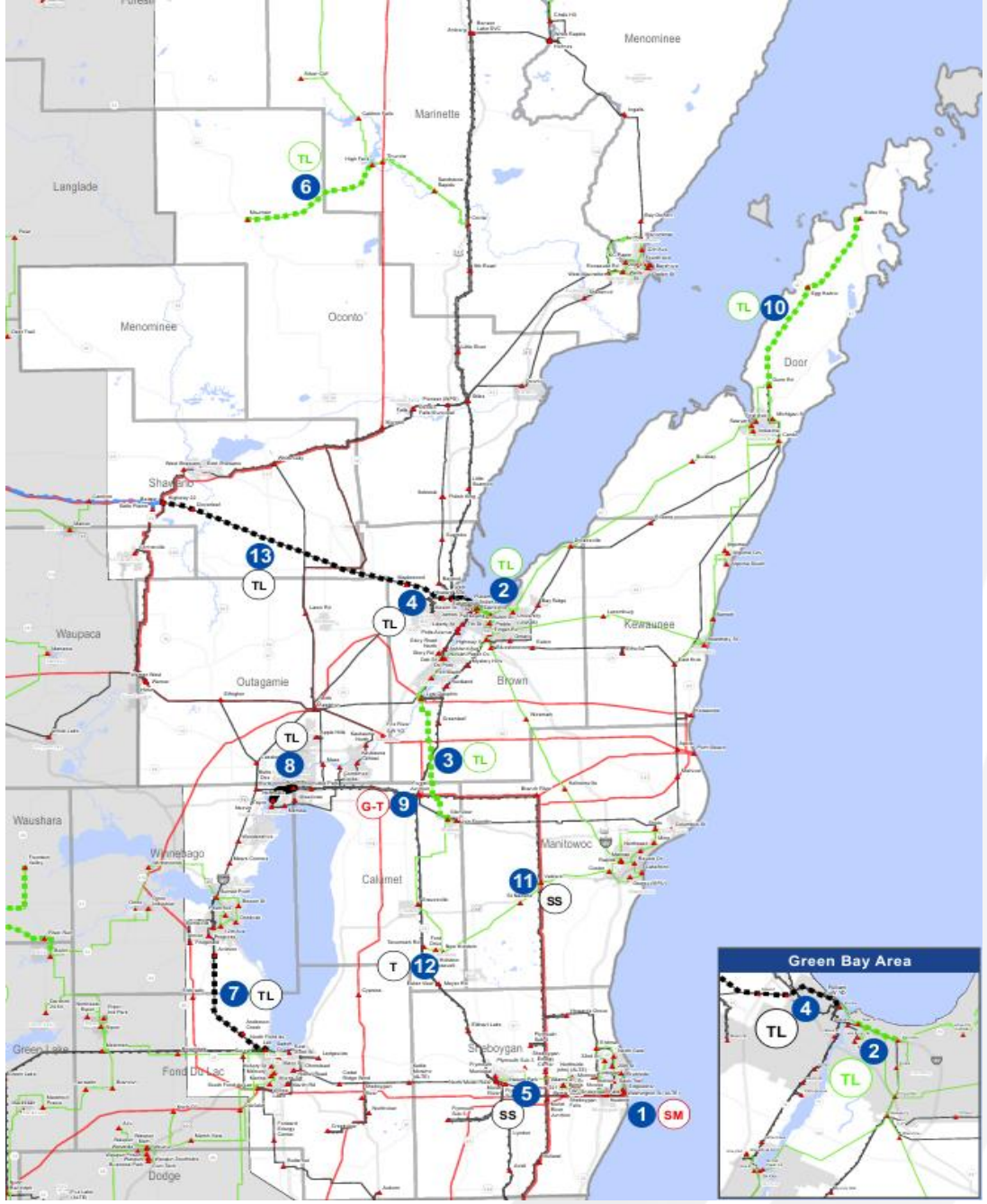
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Zone 4

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Zone 4 Projects

Project Description	Project #	In-service year	Need Driver	Status	Regulatory Update	Zone
Edgewater SS, Bus Reconfiguration	1	2027	Condition and Performance	Planned	N/A	4
Tower Dr – Pulliam (P-16/R-70), Partial Rebuild	2	2029	Condition and Performance	Planned	CA Approved	4
Glenview - Lost Dauphin 69 kV (F-6), Partial Rebuild	3	2029	Reliability, Condition and Performance	Proposed	CA Potential	4
Pulliam SW YD - Maplewood 138 kV (X-76), Rebuild	4	2029	Condition and Performance	Provisional	CA or CPCN Potential	4
Mullet River Area Reliability Project	5	2029	Reliability (BRP)	Planned	CA Filing in 2026	4
High Falls – Mountain 69kV (Y-77), Partial rebuild	6	2030	Condition and Performance	Planned	Future CA Filing	4
Aviation - North Fond Du Lac 138 kV (G-111), Partial Rebuild	7	2031	Condition and Performance	Proposed	Future CPCN Filing	4
Appleton Area Reliability Project	8	2029	Reliability (BRP)	Planned	CA or CPCN Potential	4
E0016 Forest Junction SS Interconnection Facilities	9	2031	G-T Interconnection	Proposed	CA Filing in 2027	4
Sister Bay - Dunn Rd 69 kV (WPS_X24), Rebuild	10	2031	Condition and Performance	Provisional	CA Potential	4
Valders SS, New 138/69 kV Substation	11	2029	Reliability	Planned	Future CA Filing	4
Tecumseh Rd SS Power Transformer and Breaker Asset Renewal	12	2031	Reliability, Condition and Performance	Provisional	CA Potential	4
Maplewood - Badger 138 kV (W-75), Rebuild	13	2032	Reliability, Condition and Performance	Proposed	CA or CPCN Potential	4

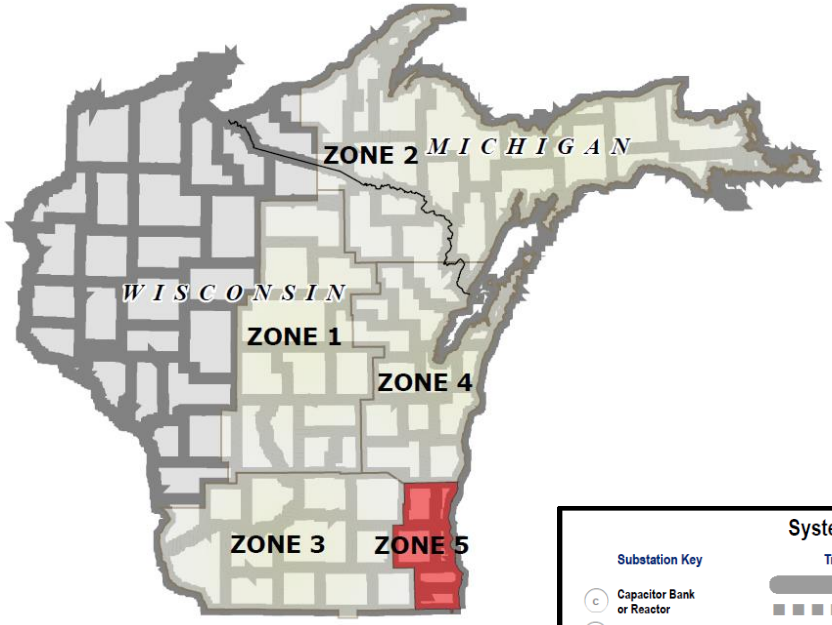
Sister Bay - Dunn Rd 69 kV (WPS_X24), Rebuild

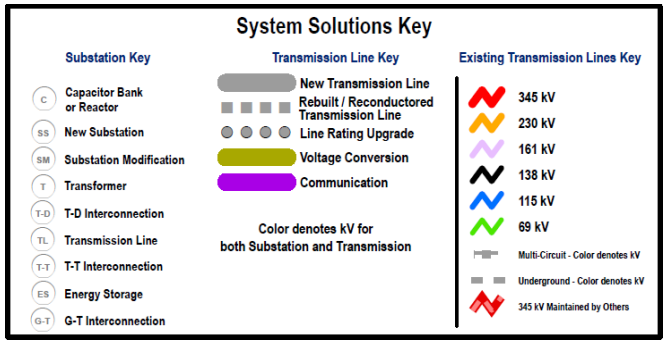
- Need Driver:
  - Condition and performance
    - Bottom quartile for 69 kV wood structure health
    - Long radial exposure
  - Other benefits:
    - Extend fiber path
- Scope of Work:
  - Rebuild ~23.6 miles of WPS_X24 as single circuit 69 kV circuit
  - Install new conductor and fiber
- Estimated cost: $55 million
- Estimated In Service Date: December 2031
- The project is included in MTEP27 Target Appendix B

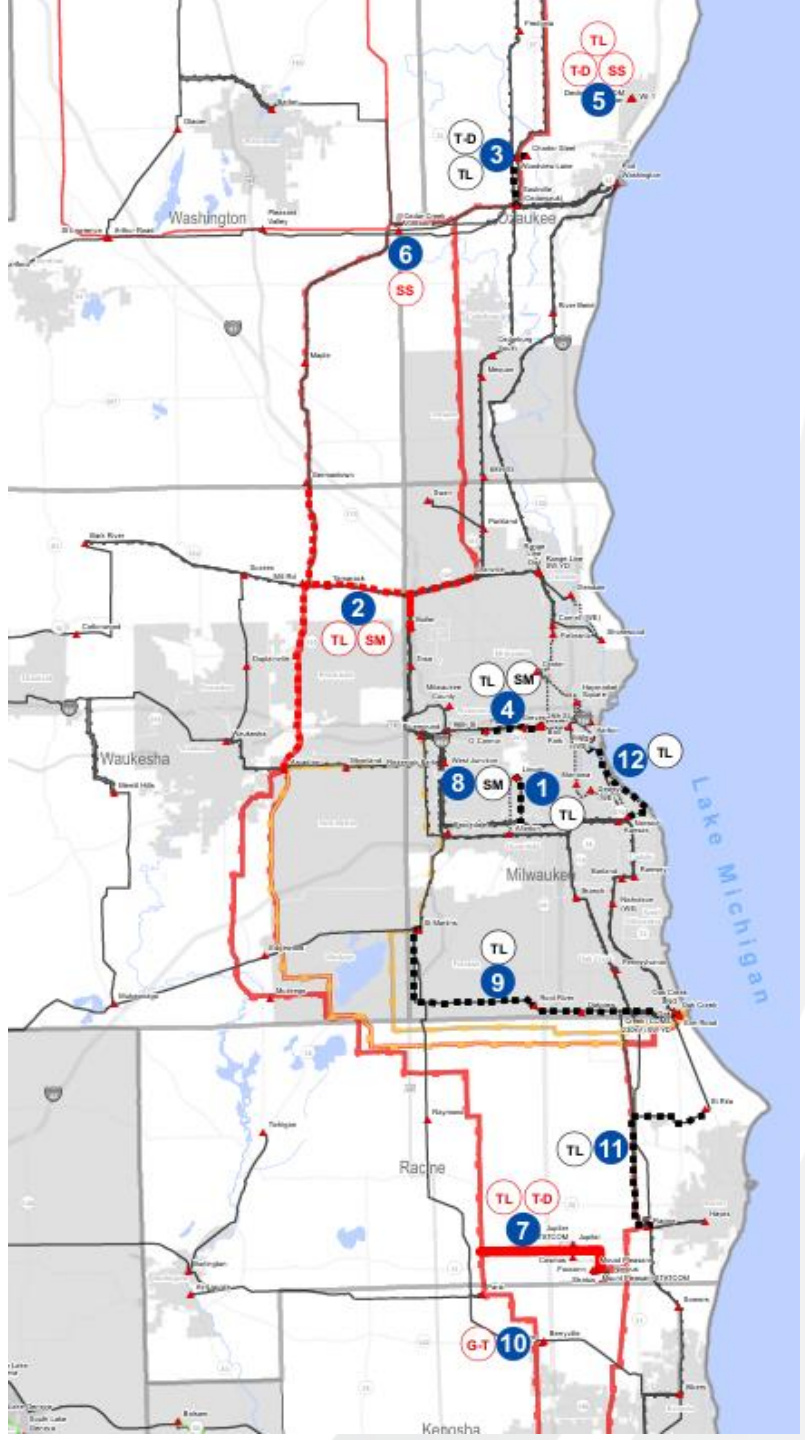


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Zone 5







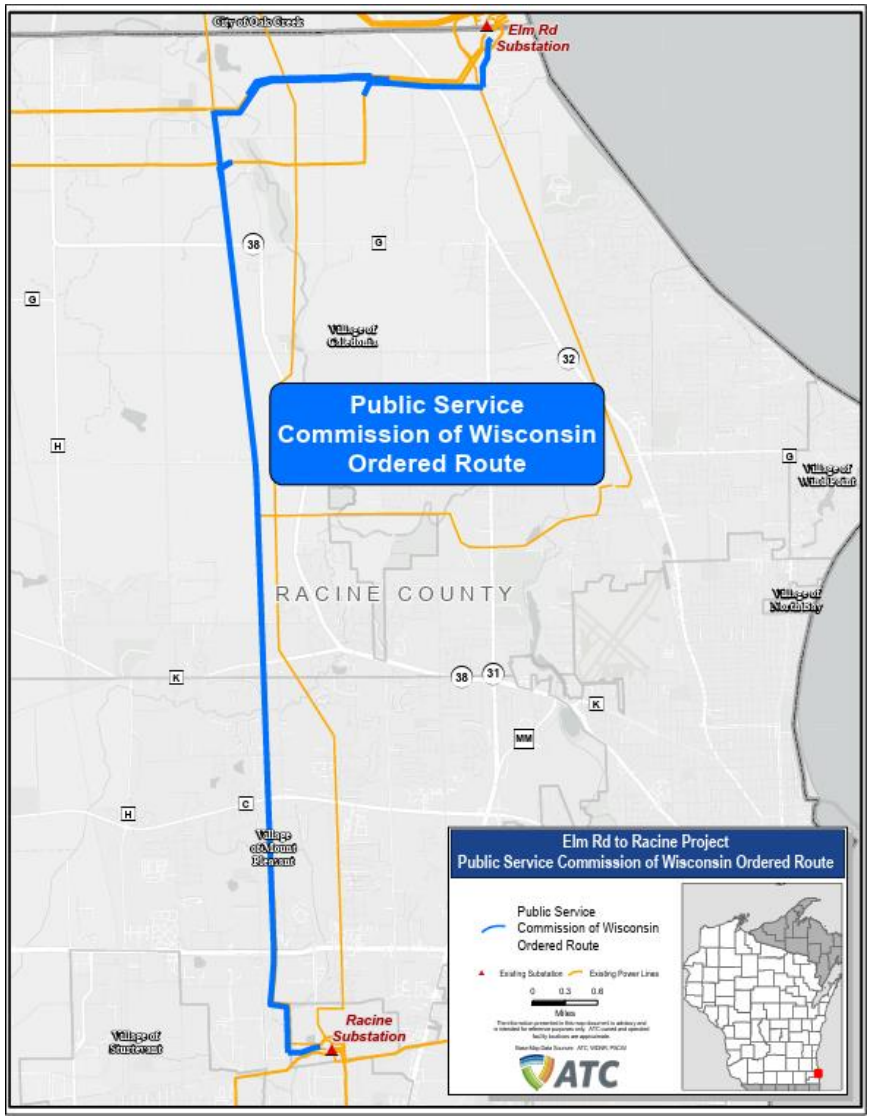
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Zone 5 Projects

Project Description	Project #	In-service year	Need Driver	Status	Regulatory Update	Zone
Lincoln – 43rd Street Terminal 138 kV (5053), Replace with double circuit duct bank and XLPE cable	1	2027	Condition and Performance	Planned	N/A	5
Mill Road – Granville Project	2	2028	Reliability	Planned	CPCN Approved in 2025	5
Woodview Lane SS, DIC, New Substation	3	2027	T-D Interconnection	Proposed	CA Filed in 2026	5
WisDOT I-94 Stadium Group of Projects	4	2028	Condition and Performance	Planned	N/A	5
Ozaukee County E-STATCOM	5	2027	T-D Interconnection	Proposed	Filed with "Ozaukee County, DIC, New Substations" CPCN in 2026	5
Ozaukee County, DIC, New Substations	6	2027	T-D Interconnection	Planned	CPCN filed in 2026	5
Racine County Distribution Interconection and Western Feed Projects	7	2025-2028	T-D Interconnection	Planned	CPCN Approved in 2025	5
West Junction SS 138 kV Sectionalizing	8	2028	Reliability	Planned	CA to be filed in 2027	5
St Martins - Oak Creek 138kV, reconfigure facilities to form new network line	9	2028	Reliability	Proposed	N/A	5
E0012 SS Network Upgrades and Interconnection Facilities	10	2029	G-T Interconnection	Proposed	CA Filing	5
Racine - St. Rita 138 kV (8531), Rebuild	11	2030	Reliability, Condition and Performance	Proposed	CA Filing exemption to be determined	5
Kansas (Norwich Term) - Harbor 138 kV (KANG41), Replace Underground Cable	12	2031	Condition and Performance	Proposed	CA Filing exemption to be determined	5

Elm Road – Racine 345 kV Project

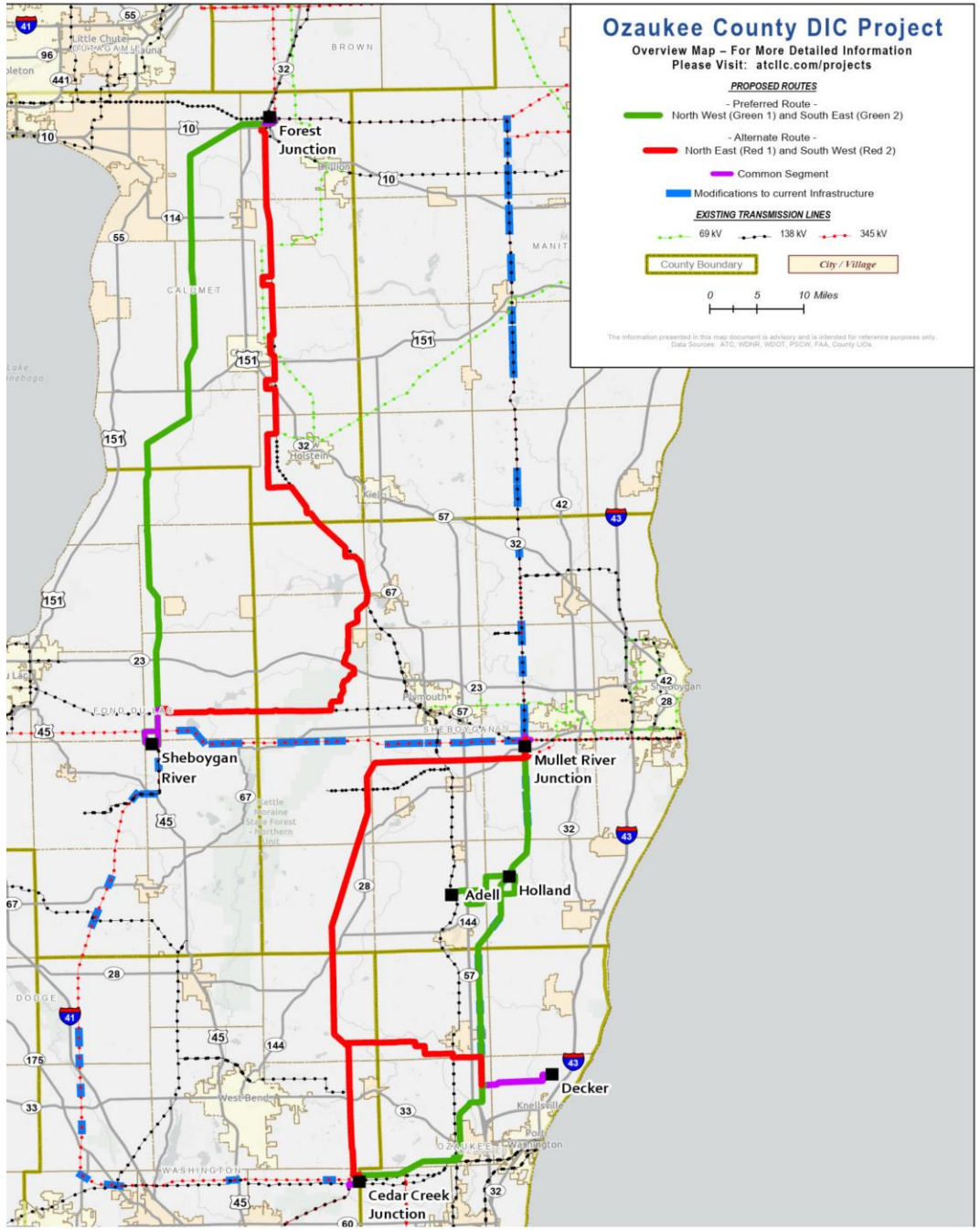


- Need Drivers:
  - MISO identified the Project as a subset of Project 29, in its Long-Range Transmission Plan (LRTP) Tranche 2 portfolio
  - Support interconnection of new load
  - Support interconnection of new generation
    - Project is identified as a required network upgrade in MISO's DPP 2020 Cycle
- Scope of Work:
  - Terminate the new line at the Elm Road 345 kV substation. Expand the 345 kV ring bus to a breaker and a half configuration and terminate the new line at the Racine 345 kV substation
  - Construct the new line on new right-of-way from the Elm Rd 345 kV substation to the intersection with Oak Creek – Racine 138 kV (812) line. Convert line 812 to 345 kV, from the intersection to the Racine 345 kV substation. Retire the remaining portion of line 812
- Estimated cost: $56.85 million
- Proposed In Service Date: February 2029
- MTEP24 Appendix A, CPCN approved and written order received September 2026

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Ozaukee County DIC

- Need Drivers:
  - New load interconnection request in Port Washington area
- Scope of Work:
  - Construct new 345 kV and 138 kV substations and expand an existing substation
  - Construct and rebuild 345 kV and 138 kV transmission facilities, restore key system connections, and increase existing line ampacity through line uprates.
- Estimated cost: $1.38 - 1.63 billion depending on routes
- Proposed In Service Date: 17 months after receipt of CPCN approval
- CPCN application was re-submitted in September 2026
  - Southern Preferred route has changed to South East route
  - E-STATCOM scope was added
- MISO Expedited Project Review of MTEP ID #51057 was completed in February 2026



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Ozaukee County DIC E-STATCOM

- Need Drivers:
  - The E-STATCOM is needed to address customer load's oscillatory behavior, which can create risks to the transmission system. Thus, the E-STATCOM is required to meet ATC's Planning Criteria and Interconnection Requirements.
  - The proposed E-STATCOM includes active power support and differs from a STATCOM which can only provide reactive power compensation to support system voltage. E-STATCOM will not perform transmission system voltage regulation or other network functions on the ATC transmission system.
- Scope of Work:
  - Install bus structures and tie-lines for E-STATCOM at Decker substation.
  - Install 600 MW (5 Second) E-STATCOM at Decker substation.
- Estimated cost: $1.1 billion, the revenue requirement for the E-STATCOM will be directly assigned to the customer and not included in ATC's network rate
- CPCN application for Ozaukee County DIC E-STATCOM scope is included in the Ozaukee County DIC CPCN application that was re-submitted in September 2026.
- MISO Expedited Project Review of MTEP ID #51720 was completed in November 2026.

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For More Information

Visit the ATC 10-Year Assessment website:
www.atc10yearplan.com

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