

Project Name	2025 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Approved)	MTEP PRJID	Cost	Explanation
Waupaca Area Energy Storage Project	Jul-25	1	Operational Flexibility	Planned	A in MTEP19	15947	\$ 12,945,000	No update
Petenwell – Council Creek (X-40), OPGW Installation	Dec-25	1	Communication	Planned	A in MTEP21	19587	\$ 4,900,000	Updated cost
Kelly SS, Replace Transformer	Jul-25	1	T-D Interconnection	Planned	A in MTEP20	14907	\$ 92,560	Updated ISD
Hodag SS DIC, Add Additional Transformer	Oct-25	1	T-D Interconnection	Planned	A in MTEP23	24783	\$ 3,700,000	No update
Northern Adams County Area Network Improvement Project	May-27	1	T-D Interconnection	Planned	A in MTEP23	23913	\$ 39,900,000	No update
McKenna – Castle Rock 69kV (Y-47), Rebuild	Dec-25	1	Condition and Performance	Planned	A in MTEP18	7763	\$ 13,000,000	No update
Saratoga SS Control House and Breaker Asset Renewal	Dec-25	1	Condition and Performance	Planned	A in MTEP22	19525	\$ 8,200,000	No update
Tommy's Turnpike, DIC, New Sub	Dec-25	1	T-D Interconnection	Planned	A in MTEP23	24475	\$ 4,800,000	No update
Groenier – Rosholt (ALTE) Tap, 69 kV (Y-71), Partial Rebuild and Rerate	Dec-25	1	Condition and Performance	Planned	A in MTEP23	21921	\$ 19,200,000	No update
Sigel – Vesper 69 kV (Y-108/Y-107), Partial Rebuild	Dec-30	1	Condition and Performance	Proposed	A in MTEP25	21922	\$ 5,500,000	No update
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	Dec-29	1	G-T Interconnection	Planned	A in MTEP21	19729	\$ 21,245,605	No update
Rocky Run SS T2 and T4 Power Transformer Replacement	Jun-27	1	Reliability	Planned	A in MTEP23	24093	\$ 17,600,000	No update
Harrison Tap – Iola 69kV (Y-70), Rebuild & OPGW	Oct-25	1	Condition and Performance	Planned	A in MTEP23	23874	\$ 16,000,000	Updated ISD
North Central WI Reliability Project	Dec-28	1	Reliability	Planned	A in MTEP23	22587	\$ 92,400,000	No update
Pine – Skanawan Tap – Eastom 115 kV (I-9), OPGW Addition & Partial Rebuild	Feb-32	1	Communication	Proposed	A in MTEP25	23841	\$ 47,000,000	Updated cost and ISD
Hilltop – Council Creek 69 kV (Y-74), Rebuild & OPGW	Oct-26	1	Condition and Performance	Planned	A in MTEP24	24983	\$ 56,000,000	No update
Dixie SS, DIC, New Substation	Nov-25	1	T-D Interconnection	Planned	A in MTEP24	22911	\$ 561,327	No update
Weston – Morrison Ave 115kV (Z-52), Reconnector	Jun-26	1	Reliability	Planned	A in MTEP24	25160	\$ 4,300,000	Updated cost
Pittsville Area Reliability Project	Dec-28	1	T-D Interconnection	Proposed	A in MTEP25	25314	\$ 35,900,000	No update
Saratoga – 7 Mile Creek 138 kV, Construct New Line	Dec-27	1	Reliability	Planned	A in MTEP24	25348	\$ 10,300,000	No update
Sand Lake – Hancock 69 kV (Y-90), Uprate	Oct-26	1	Operational Flexibility	Planned	A in MTEP24	22798	\$ 3,150,000	No update
J1573 Plover SS Network Upgrades and Interconnection Facilities	Sep-28	1	G-T Interconnection	Planned	A in MTEP24	50108	\$ 2,633,000	No update
J1513 Clintonville Swt St Network Upgrades and Interconnection Facilities	Sep-28	1	G-T Interconnection	Planned	A in MTEP24	50107	\$ 3,168,000	No update
J1751 Young St SS Network Upgrades and Interconnection Facilities	Jan-28	1	G-T Interconnection	Planned	A in MTEP24	50110	\$ 9,703,000	No update
Coyne Street SS Relay, Breaker and House Asset Renewal	Dec-28	1	Condition and Performance	Proposed	A in MTEP25	50126	\$ 7,950,000	No update
Arpin SS Power Transformer Asset Renewal	Dec-28	1	Condition and Performance	Proposed	A in MTEP25	50172	\$ 9,800,000	No update
Oxford SS, DIC, Transformer Addition	Dec-26	1	T-D Interconnection	Planned	A in MTEP24	22911	\$ 500,000	No update
Birmamwood Area Reliability Project	Dec-28	1	Reliability	Proposed	A in MTEP25	50233	\$ 17,500,000	No update
Chaffee Creek SS Breaker Asset Renewal	Dec-28	1	Condition and Performance	Proposed	A in MTEP25	50262	\$ 5,155,000	No update
J1508 Galvin Ave SS Network Upgrades and Interconnection Facilities	Mar-29	1	G-T Interconnection	Proposed	A in MTEP25	50507	\$ 14,094,000	No update
J1752 Shady Dr SS Network Upgrades and Interconnection Facilities	Apr-29	1	G-T Interconnection	Proposed	A in MTEP25	50545	\$ 16,455,000	No update
J1502 Emerson Rd SS Network Upgrades and Interconnection Facilities	Jun-28	1	G-T Interconnection	Proposed	A in MTEP25	50514	\$ 19,847,000	No update
S1018 7 Mile Creek SS Network Upgrades	Aug-26	1	G-T Interconnection	Proposed	A in MTEP25	50517	\$ 1,475,000	No update
Wildwood (MEWD) SS, Circuit Breaker Asset Renewal	May-25	1	Condition and Performance	Planned	A in MTEP21	14964	\$ 1,039,578	Project in-service
Central SS, DIC, New Substation	Apr-26	1	T-D Interconnection	Proposed	A in MTEP25	50613	\$ 3,200,000	No update
Birmamwood – Brookes Corners 69kV (Y-86), Partial Rebuild	Dec-31	1	Condition and Performance	Provisional	B in MTEP25	50629	\$ 19,000,000	No update
Sigel SS Control Building and Relay Asset Renewal	Dec-29	1	Condition and Performance	Proposed	A in MTEP26	50666	\$ 4,791,444	No update
Berlin - Ripon 69 kV (Y-93), Partial Rebuild	Jan-29	1	Condition and Performance	Proposed	A in MTEP26	50650	\$ 5,500,000	Moved to Appendix A. Updated cost and ISD
Howard - Mason St 138 kV (MSG41/X-76), Partial Rebuild	Dec-31	1	Condition and Performance	Proposed	A in MTEP26	50683	\$ 5,000,000	Project Added
Badger West 69kV 20ohm Series Reactor	Dec-27	1	Reliability	Provisional	B in MTEP25	50692	\$ 5,000,000	Project Added
Western Marquette County DIC	May-25	2	T-D Interconnection	Planned	A in MTEP21	14968	\$ 3,200,000	Project in-service
J1251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities	Jun-25	2	G-T Interconnection	Planned	A in MTEP23	24446	\$ 9,600,000	Project in-service. Updated cost.
Perch Lake – National 138kV (468), Partial Retirement Project	Apr-26	2	Reliability	Planned	A in MTEP21	23836	\$ 13,700,000	No update
Munising Area Reactive Power Project	Jan-27	2	Reliability	Planned	A in MTEP22	19966	\$ 14,400,000	No update
National – Presque Isle (446), Re-Insulate & OPGW	Apr-26	2	Condition and Performance	Planned	A in MTEP22	21345	\$ 18,000,000	No update
North Lake SS – Transformer Asset Renewal	Dec-25	2	Condition and Performance	Planned	A in MTEP22	21627	\$ 2,200,000	No update
Portage St – 3 Mile 69 kV (6901/ESE, 6902), Re-insulate & Underground Fiber	Dec-25	2	Condition and Performance	Planned	A in MTEP22	18049	\$ 8,180,000	No update
Keel Ridge SS, new DIC	Dec-25	2	T-D Interconnection	Planned	A in MTEP18	13792	\$ 6,853,000	No update
Chandler – Delta 69 kV (Delta1), Rebuild and OPGW	Dec-26	2	Condition and Performance	Planned	A in MTEP23	21985	\$ 16,300,000	No update
9 Mile SW STA – Pine River 69kV (6921/23) Partial rebuild	Aug-28	2	Condition and Performance	Provisional	B in MTEP19	16496	\$ 40,000,000	No update
Benson Lake SVC SCM Layer Asset Renewal	Dec-26	2	Condition and Performance	Planned	A in MTEP23	23856	\$ 4,500,000	No update
Cornell Tap – Watson Tap 69kV (Chandler), Partial Rebuild	Jun-28	2	Condition and Performance	Planned	A in MTEP23	23876	\$ 41,000,000	No update
Pine River – Mich Limestone Loading Dock 69 kV (ESE, 6906), Rebuild	Dec-28	2	Condition and Performance	Planned	A in MTEP22	21918	\$ 31,100,000	Update ISD
North Lake – Greenstone 69kV (NLKY11), Rebuild	Dec-31	2	Condition and Performance	Provisional	B in MTEP22	21920	\$ 14,200,000	No update
Pine Hy Tap – Pine Hy 69kV (ASPY31-1), Rebuild & OPGW	Dec-27	2	Condition and Performance	Planned	A in MTEP23	23857	\$ 11,500,000	No update
Atlantic – Osceola 69kV (Laurium2), Re-insulate	Jul-25	2	Condition and Performance	Planned	A in MTEP24	24842	\$ 6,500,000	Project in-service. Updated cost.
Straits SS Power Transformer Asset Renewal	Dec-27	2	Condition and Performance	Proposed	A in MTEP25	24924	\$ 11,200,000	Moved to Appendix A. Updated Cost.
Presque Isle SS Breaker and Relay Asset Renewal	Dec-27	2	Condition and Performance	Provisional	B in MTEP24	24981	\$ 10,700,000	No update
Laurium2 South Riser – Laurium2 North Riser 69 kV (Laurium2), Replace Underground Cable	Dec-27	2	Condition and Performance	Provisional	B in MTEP24	25003	\$ 9,000,000	No update
Freeman – Presque Isle (Pi605), OPGW Addition	Dec-26	2	Communication	Planned	A in MTEP24	25163	\$ 5,300,000	Updated cost
J1814 Nordic SS Network Upgrades and Interconnection Facilities	Aug-27	2	G-T Interconnection	Planned	A in MTEP24	50109	\$ 2,150,000	No update
Silver River – North Lake 138 kV (NLKG31), Rebuild	Dec-29	2	Condition and Performance	Provisional	B in MTEP25	50129	\$ 88,000,000	No update
Watersmeet – Land O Lakes 69 kV (6530), Rebuild – <i>Project Withdrawn</i>	Dec-28	2	Condition and Performance	Provisional	B in MTEP25	50130	\$ 14,000,000	Project withdrawn
Line ILKY31 and 6912 Grounding Improvement	Apr-26	2	Condition and Performance	Planned	A in MTEP24	50137	\$ 6,500,000	Project in-service
East U.P., DIC, Load Additions	Dec-25	2	T-D Interconnection	Planned	A in MTEP23	20204	\$ 2,100,000	No update
Empire Mine – Huron 138 kV (X-119), OPGW Addition	Dec-27	2	Communication	Proposed	A in MTEP25	50161	\$ 10,500,000	No update
Indian Lake – Hiawatha, 69 kV New Line and 138 kV Conversion	Sep-29	2	Condition and Performance	Provisional	B in MTEP25	50578	\$ 43,100,000	No update
J1750 Grace Lake SS Network Upgrades and Interconnection Facilities	Mar-29	2	G-T Interconnection	Proposed	A in MTEP25	50530	\$ 12,110,000	No update
Forsyth SS Breaker and Relay Asset Renewal	Dec-29	2	Condition and Performance	Proposed	A in MTEP26	50668	\$ 3,423,798	No update

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Portage Street Breaker and SCADA Asset Renewal	Dec-29	2	Condition and Performance	Proposed	A in MTEP26	50620	\$ 4,486,566	No update
Old Mead Road to Masonville, Underground Fiber Installation	Dec-29	2	Communication	Proposed	A in MTEP25	50640	\$ 9,000,000	No update
Iron Grove to Lincoln Ave (UPPCO) 69 kV (CRFY21), OPGW Installation	Dec-29	2	Communication	Proposed	A in MTEP25	50641	\$ 5,000,000	No update
3 Mile - 9 Mile 69 kV (6901/ESE_6902), Partial Rebuild	Dec-29	2	Condition and Performance	Proposed	A in MTEP26	50644	\$ 3,000,000	No update
Land O Lakes - Conover 69 kV (6530), Rebuild	Dec-29	2	Condition and Performance	Provisional	B in MTEP26	50646	\$ 16,000,000	No update
3 Mile - 9 Mile 69 kV (ESE_6903/ESE_6902), Partial Rebuild	Dec-29	2	Condition and Performance	Provisional	B in MTEP26	50648	\$ 18,000,000	No update
Watersmeet - Land O Lakes 69 kV (6530), Rebuild	Dec-29	2	Condition and Performance	Provisional	B in MTEP26	50647	\$ 16,000,000	No update
Hiawatha SS Control Building, Relays and Breaker Ends Asset Renewal	Dec-29	2	Condition and Performance	Provisional	B in MTEP26	50657	\$ 11,038,068	No update
Nordic SS Power Transformer Asset Renewal	Dec-29	2	Condition and Performance	Proposed	A in MTEP26	50660	\$ 8,231,371	No update
Plains SS Relay, Instrument Transformers and Breaker Asset Renewal	Dec-29	2	Condition and Performance	Proposed	A in MTEP26	50662	\$ 7,953,616	No update
Shingleton - Seney (UPPCO) 69 kV (Inland), Rebuild	Dec-30	2	Condition and Performance	Provisional	B in MTEP26	50677	\$ 110,000,000	Project Added
Aspen - Crystal Falls 69 kV (ASPY51), Partial Rebuild	Dec-30	2	Condition and Performance	Provisional	B in MTEP26	50689	\$ 18,300,000	Project Added
Mass - Str 239 69 kV (Mass), Partial Rebuild	Dec-31	2	Condition and Performance	Provisional	B in MTEP26	50680	\$ 12,000,000	Project Added
Bruce Crossing - Mass 69 kV (6530), Partial Rebuild	Dec-30	2	Condition and Performance	Provisional	B in MTEP26	50687	\$ 13,000,000	Project Added
ESE_6903 East Riser - ESE_6903 West Riser 69 kV (ESE_6903), Replace Underground Cable	Dec-30	2	Condition and Performance	Proposed	A in MTEP26	50684	\$ 3,000,000	Project Added
Indian Lake SS Switch, Relay and Remote Ends Asset Renewal	Dec-29	2	Condition and Performance	Proposed	A in MTEP26	50676	\$ 3,313,578	Project Added
Morris St SS, DIC, Substation Rebuild	Dec-28	2	Load Interconnection	Proposed	A in MTEP26	50714	\$ 7,500,000	Project Added
Gwinn - Munising 69 kV (Autrain), Partial Rebuild	Jun-28	2	Condition and Performance	Provisional	B in MTEP26	50712	\$ 18,400,000	Project Added
Artesian SS, DIC - Terminal Connection	Jun-26	3	T-D Interconnection	Planned	A in MTEP23	20204	\$ 65,130	No update
J1042 North Lake Geneva SS Network Upgrades and Interconnection Facilities	Dec-25	3	G-T Interconnection	Planned	A in MTEP22	22105	\$ 1,407,357	No update
J1460 Sunrise SS Network Upgrades and Interconnection Facilities	Dec-25	3	G-T Interconnection	Planned	A in MTEP23	24802	\$ 4,465,266	No update
Reedsburg DIC Substation and T-Line Retirements	Jun-26	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 4,129,000	No update
Johnstown SS, DIC, New Substation	Dec-25	3	T-D Interconnection	Planned	A in MTEP22	23520	\$ 5,000,000	No update
Bonnie Road, DIC, New Substation	Dec-28	3	T-D Interconnection	Planned	A in MTEP21	19806	\$ 3,500,000	No update
Lancaster Transformer Replacement & Substation Rebuild	Feb-26	3	T-D Interconnection	Planned	A in MTEP21	20925	\$ 6,200,000	No update
Gaston Road SS, DIC, Additional Transformer	Apr-25	3	T-D Interconnection	Planned	A in MTEP22	22988	\$ 3,600,000	Project in-service
Vinburn Substation 69 kV Capacitor Addition	May-25	3	Reliability, Condition and Performance	Planned	A in MTEP22	22986	\$ 3,620,000	Project in-service
DPC Clearfield Jct. Tap, New T-T	Sep-27	3	T-D Interconnection	Planned	A in MTEP23	24575	\$ 11,100,000	No update
Columbus SS, DIC, Reconfiguration	May-28	3	T-D Interconnection	Planned	A in MTEP22	22989	\$ 26,600,000	No update
J1214 J1326 Rockdale SS Network Upgrades and Interconnection Facilities	Dec-25	3	G-T Interconnection	Planned	A in MTEP23	24613	\$ 4,069,937	No update
Manogue Rd SS DIC, New Substation	Aug-25	3	T-D Interconnection	Planned	A in MTEP23	24373	\$ 7,100,000	Project in-service
Academy - Columbus 69kV (Y-21), Rebuild	Jul-27	3	Condition and Performance	Planned	A in MTEP21	10590	\$ 3,263,000	No update
Darlington - Rock Branch 69kV (Y-109), Rebuild	Nov-26	3	Condition and Performance	Planned	A in MTEP22	18046	\$ 16,700,000	No update
Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW	Dec-25	3	Reliability, Condition and Performance	Planned	A in MTEP22	19962	\$ 23,600,000	No update
Rockdale and Christina SS - Control House and Relay Asset Renewal	Dec-25	3	Condition and Performance	Planned	A in MTEP22	21628	\$ 6,900,000	No update
Rock Branch SS, Relay Replacement and Asset Renewal	Aug-27	3	Condition and Performance	Planned	A in MTEP22	16766	\$ 1,111,290	No update
Wick Drive - Black Earth 69 kV (Y-62), OPGW Addition & Partial Rebuild	Dec-26	3	Communication	Planned	A in MTEP23	23858	\$ 7,000,000	No update
Stoughton SS, DIC, Substation Retirement	Dec-27	3	T-D Interconnection	Planned	A in MTEP23	20204	\$ 350,000	Updated cost
Walworth - Brick Church (Y-159), OPGW Addition & Partial Rebuild	Dec-27	3	Communication	Planned	A in MTEP23	24465	\$ 9,400,000	No update
J1410 J1411 North Arlington Swt St MPFCA & Network Upgrades	Jun-26	3	G-T Interconnection	Planned	A in MTEP23	24758	\$ 21,988,404	No update
J1483 Hill Valley SS Network Upgrades and Interconnection Facilities	Apr-27	3	G-T Interconnection	Planned	A in MTEP23	24447	\$ 2,252,888	No update
J1377 Blitz SS Network Upgrades and Interconnection Facilities	Dec-29	3	G-T Interconnection	Planned	A in MTEP23	24799	\$ 14,574,360	No update
Brodhead SS, Breakers, Switches and RTU Asset Renewal	Dec-26	3	Condition and Performance	Planned	A in MTEP23	20201	\$ 1,807,505	No update
Grant County, DIC, New Substation	Jan-27	3	T-D Interconnection	Planned	A in MTEP24	24778	\$ 38,300,000	No update
South Beaver Dam - Hubbard, (Y-134), 69kV Rebuild & OPGW	Jun-26	3	Condition and Performance	Planned	A in MTEP22	18047	\$ 31,000,000	No update
Browntown - South Monroe 69 kV (Y-155), Rebuild	Dec-25	3	Condition and Performance	Planned	A in MTEP22	21916	\$ 14,600,000	No update
Kirkwood SS, Power Transformer and Breaker Asset Renewal	Dec-27	3	Condition and Performance	Planned	A in MTEP23	19963	\$ 14,100,000	No update
McCue SS Control House and Relay Asset Renewal	Dec-26	3	Condition and Performance	Planned	A in MTEP23	23895	\$ 6,500,000	No update
North Beaver Dam SS Asset Renewal	Dec-26	3	Condition and Performance	Planned	A in MTEP23	23903	\$ 16,100,000	No update
Madison Area Relay Projects	Dec-27	3	Condition and Performance	Planned	A in MTEP23	23875	\$ 21,900,000	No update
Eden - Rock Branch 69kV (Y-106), Rebuild & OPGW	Dec-28	3	Condition and Performance	Planned	A in MTEP24	23910	\$ 67,900,000	No update
Renewable Reinforcement Project	Dec-29	3	Reliability	Provisional	B in MTEP22	21905	\$ 60,000,000	No update
South Beaver Dam - North Beaver Dam, 69kV (Y-59) Line Rebuild & OPGW	Dec-27	3	Condition and Performance	Planned	A in MTEP23	23904	\$ 11,200,000	No update
South Fond du Lac - Spring Brook 69kV (Y-133), Partial rebuild	Dec-32	3	Condition and Performance	Provisional	B in MTEP18	13739	\$ 17,000,000	No update
Walnut - Blount 69 kV, Construct New Line	Dec-31	3	Reliability	Provisional	B in MTEP21	1730	\$ 28,793,800	No update
North Monroe - Verona 69 kV (Y-42/Y-208), Rebuild & OPGW	Jul-27	3	Condition and Performance	Provisional	B in MTEP24	25001	\$ 49,000,000	No update
North Lake Geneva - Walworth 69 kV (Y-41), Partial Rebuild & OPGW	Dec-28	3	Condition and Performance	Provisional	B in MTEP24	25002	\$ 23,300,000	No update
South Lake Geneva - North Lake Geneva 69 kV (Y-152), Partial Rebuild & OPGW	Aug-27	3	Condition and Performance	Provisional	B in MTEP24	25004	\$ 11,000,000	No update
Gran Grae - Hillside 69 kV (Y-161), Rebuild & OPGW	Jul-27	3	Condition and Performance	Provisional	B in MTEP24	25019	\$ 12,000,000	No update
Rock River SS, Bus Rebuild	Mar-26	3	Condition and Performance	Planned	A in MTEP23	20201	\$ 905,000	No update
J1304 J1305 J1460 MPFCA Network Upgrades	Dec-25	3	G-T Interconnection	Planned	A in MTEP23	24782	\$ 4,930,697	No update
Sun Prairie Area Reliability Project	Jun-29	3	Reliability	Proposed	A in MTEP25	25161	\$ 61,450,000	No update
Highland - Hill Valley 138 kV, Construct New Line	Sep-26	3	Reliability	Proposed	A in MTEP25	25203	\$ 9,500,000	No update
Cuba City South, DIC, Sub Expansion	Dec-27	3	T-D Interconnection	Planned	A in MTEP24	25220	\$ 11,000,000	No update
Union Townline, DIC, Sub Expansion	May-27	3	T-D Interconnection	Planned	A in MTEP24	25226	\$ 11,600,000	Updated ISD
East Madison Area Reliability Project	Dec-30	3	Reliability	Provisional	B in MTEP24	25087	\$ 14,000,000	No update
Madison Area Reactive Project	Dec-30	3	Reliability	Provisional	B in MTEP24	25103	\$ 6,500,000	No update
Mukwonago - University 138 kV (UNIG52), Rebuild	Dec-31	3, 5	Condition and Performance	Provisional	B in MTEP24	50010	\$ 55,000,000	No update
West Middleton - Str 36 69 kV (6967/6963), Rebuild Green Poles (CAC/CCA/SX) Replacements	Nov-25	3	Condition and Performance	Planned	A in MTEP24	50017	\$ 4,795,000	No update

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Lake Geneva SS, DIC, New Substation	Dec-28	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 2,471,000	Updated ISD
Oak Ridge, DIC, Additional Transformer and Bus Tie	Dec-25	3	T-D Interconnection	Planned	A in MTEP23	20204	\$ 1,268,000	No update
Black Earth, DIC, Additional Transformer	Nov-25	3	T-D Interconnection	Planned	A in MTEP24	22911	\$ 1,030,000	Updated ISD
Birchwood SS Relay and Capacitor Bank Asset Renewal	Dec-27	3	Condition and Performance	Planned	A in MTEP24	22798	\$ 1,200,000	No update
University – Whitewater 138 kV (UNIG51), Partial Reconnector & OPGW	Dec-25	3	Reliability, Operational Flexibility	Planned	A in MTEP24	50102	\$ 3,700,000	Updated cost
J1773 Edmund Swt St Network Upgrades and Interconnection Facilities	May-28	3	G-T Interconnection	Planned	A in MTEP24	50111	\$ 19,693,000	No update
J1781 Hill Valley SS Network Upgrades and Interconnection Facilities	Mar-30	3	G-T Interconnection	Planned	A in MTEP24	50112	\$ 7,219,000	No update
Columbia SS Power Transformer Asset Renewal	Dec-28	3	Condition and Performance	Provisional	B in MTEP25	50122	\$ 12,329,000	No update
Portage SS Relay and Breaker Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	50124	\$ 7,100,000	No update
Rock River SS and Remote Ends Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	50125	\$ 5,614,000	No Update
Eden SS Relay and House Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	50128	\$ 5,081,000	No update
Dam Heights – Kirkwood 69 kV (Y-75), Partial Rebuild	Nov-28	3	Condition and Performance	Provisional	B in MTEP25	50131	\$ 25,700,000	No update
Zenda – Katzenberg 69 kV (Y-51 ALE), Partial Rebuild	May-28	3	Condition and Performance	Provisional	B in MTEP25	50133	\$ 22,300,000	No update
Huiskamp – Division Street Tap 69 kV (Y-132), Rebuild	Nov-28	3	Condition and Performance	Proposed	A in MTEP25	50134	\$ 8,500,000	No update
Baraboo SS, DIC, Substation Relocation	Jun-28	3	T-D Interconnection	Planned	A in MTEP24	50136	\$ 5,000,000	No update
Wick Drive SS, DIC, Transformer Addition	Dec-25	3	T-D Interconnection	Planned	A in MTEP24	22911	\$ 250,000	No update
Dodge County, DIC, New Substation	Jun-27	3	T-D Interconnection	Planned	A in MTEP24	50138	\$ 192,000,000	No update
Sunrise – Johnston – Whitewater 138 kV (X-181, 4434), Uprate -- <i>Project Withdrawn</i>	Jan-27	3	Operational Flexibility, T-D Int.	Planned	A in MTEP24	22798	\$ 143,000	Project Withdrawn
Bristol – Elkhorn 138 kV (X-81), Uprate	Jan-27	3	Operational Flexibility, T-D Int.	Planned	A in MTEP24	22798	\$ 422,000	No update
Potosi SS, DIC, Sub Relocation to Tennyson	Dec-25	3	T-D Interconnection	Planned	A in MTEP24	22911	\$ 1,050,000	No update
Poynette SS, DIC, Sub Rebuild & Tap Switch Relocation	Dec-27	3	T-D Interconnection	Planned	A in MTEP24	22911	\$ 2,676,000	No update
BOC Gasses Tap – Town Line Rd 138 kV (X-111), Rebuild	Jan-27	3	Reliability	Proposed	A in MTEP25	50146	\$ 2,427,000	No update
Hillside SS Breaker & Instrument Transformer Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	25185	\$ 1,698,000	No update
Beloit Area DIC, New Substation	Jun-27	3	T-D Interconnection	Proposed	A in MTEP25	50145	\$ 9,000,000	No update
Belleville SS, DIC, Substation Rebuild	Dec-26	3	T-D Interconnection	Planned	A in MTEP23	20204	\$ 3,500,000	Updated cost
Whitewater – Sugar Creek 138 kV (WHIG53), Flow Control Device	Jan-27	3	T-D Interconnection	Planned	A in MTEP25	50223	\$ 3,358,000	No update
North Lake Geneva – Elkhorn 138 kV (X-55), Rebuild	Aug-26	3	Reliability	Planned	A in MTEP25	50225	\$ 23,900,000	No update
Huiskamp – Ruskin 69 kV (6937), OPGW Addition	Dec-26	3	Communication	Proposed	A in MTEP25	50255	\$ 4,000,000	No update
J1708 North Monroe SS Network Upgrades and Interconnection Facilities	Jun-29	3	G-T Interconnection	Proposed	A in MTEP25	50506	\$ 18,266,000	No update
J1629 Welsh Prairie SS Network Upgrades and Interconnection Facilities	Jun-28	3	G-T Interconnection	Proposed	A in MTEP25	50508	\$ 21,461,000	Updated ISD
J1746 Columbia SS Network Upgrades and Interconnection Facilities	Jun-29	3	G-T Interconnection	Proposed	A in MTEP25	50511	\$ 1,845,000	No update
J1779 Rockdale SS Interconnection Facilities	Oct-27	3	G-T Interconnection	Proposed	A in MTEP25	50515	\$ 25,000	No update
S1017 Tennyson SS Network Upgrades	Apr-25	3	G-T Interconnection	Proposed	A in MTEP25	50516	\$ 225,000	Project in-service
J1773 J1781 MPFCA Network Upgrades	Oct-27	3	G-T Interconnection	Proposed	A in MTEP25	50518	\$ 7,623,089	No update
Reactor Relocation from North Madison SS to J1502 POI SS	Jun-28	3	Reliability	Proposed	A in MTEP25	50519	\$ 5,165,000	No update
S1016 Lone Rock SS Network Upgrades	Sep-26	3	G-T Interconnection	Proposed	A in MTEP25	50533	\$ 800,000	No update
J1824 Academy SS Network Upgrades and Interconnection Facilities	Dec-27	3	G-T Interconnection	Proposed	A in MTEP25	50534	\$ 10,244,000	Updated ISD
J1732 Wolfram Rd SS Network Upgrades and Interconnection Facilities	Dec-27	3	G-T Interconnection	Proposed	A in MTEP25	50535	\$ 9,894,000	Updated ISD
Dam Heights – Sauk City Oak St 69 kV (Y-14), Partial Rebuild & OPGW	Jun-29	3	Condition and Performance	Provisional	B in MTEP25	50537	\$ 14,000,000	No update
S1025 Sheepskin SS Network Upgrades	Jun-27	3	G-T Interconnection	Proposed	A in MTEP25	50542	\$ 225,000	No update
MPFCA Rockdale SS Network Upgrade	Oct-27	3	G-T Interconnection	Proposed	A in MTEP25	50544	\$ 1,120,000	No update
East Beloit SS, DIC, Sub Rebuild	Dec-27	3	T-D Interconnection	Proposed	A in MTEP25	50547	\$ 7,200,000	Updated ISD
Juneau Industrial SS, DIC, Transformer Addition	Jun-27	3	T-D Interconnection	Proposed	A in MTEP25	50548	\$ 4,800,000	No update
North Monroe Breaker and SCADA Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	50550	\$ 3,105,000	No update
Brodhead Muni 1 and Muni 2 SS, DIC, Retirement	Dec-25	3	Condition and Performance	Proposed	A in MTEP25	25187	\$ 250,000	Updated ISD
Terrace Ave Riser SS 69kV Pumping Plant Upgrade	Dec-27	3	Condition and Performance	Proposed	A in MTEP25	50612	\$ 3,200,000	No update
Columbia - Portage 69 kV (Y-99), Partial Rebuild	Dec-29	3	Condition and Performance	Provisional	B in MTEP26	50627	\$ 15,500,000	No update
Lone Rock SS Phase Shifter, Breaker, and Relay Asset Renewals	Dec-29	3	Condition and Performance	Proposed	A in MTEP26	50658	\$ 10,383,247	No update
North Madison 69kV SS Power Transformer and Breaker Asset Renewal	Dec-29	3	Condition and Performance	Proposed	A in MTEP26	50659	\$ 9,282,683	No update
Fitchburg SS Control Building, Relay, Breaker and Remote Ends Asset Renewal	Dec-29	3	Condition and Performance	Provisional	B in MTEP26	50661	\$ 12,753,050	No update
Mayville SS Control Building, Relays and Breaker Asset Renewal	Dec-29	3	Condition and Performance	Proposed	A in MTEP26	50663	\$ 5,621,959	No update
Rio Pumping Station SS Control Building, Relay and Breaker Asset Renewal	Dec-29	3	Condition and Performance	Proposed	A in MTEP26	50664	\$ 5,409,285	No update
Huiskamp SS Control Building and Relay Asset Renewal	Dec-29	3	Condition and Performance	Proposed	A in MTEP26	50665	\$ 4,984,956	No update
Concord SS Breaker and Relay Asset Renewal	Dec-29	3	Condition and Performance	Proposed	A in MTEP25	50635	\$ 3,376,248	No update
Sun Prairie - Highway 151, Fiber Installation	Dec-29	3	Communication	Proposed	A in MTEP25	50639	\$ 4,000,000	No update
East Campus - Blount 69 kV (6906), Replace Underground Cable	Dec-29	3	Condition and Performance	Provisional	B in MTEP26	50649	\$ 18,100,000	No update
South Beaver Dam - Columbus (ALTE) 69 kV (Y-21), Partial Rebuild	Dec-29	3	Condition and Performance	Provisional	B in MTEP26	50651	\$ 21,000,000	No update
Dane County, DIC, Load Addition	Dec-29	3	T-D Interconnection	-	TBD		\$ 310,000,000	Project Added
Str 0707E1300 39/21, 4T - Timberlane Tap (6927) 69 kV (6927), Replace Underground Cable	Dec-30	3	Condition and Performance	Provisional	B in MTEP26	50688	\$ 14,000,000	Project Added
Whitewater - University 138 kV (UNIG51), Rebuild	Dec-31	3	Condition and Performance	Provisional	B in MTEP26	50679	\$ 11,150,000	Project Added
Jefferson - Fort Atkinson 138 kV (6631), Rebuild	Dec-39	3	Condition and Performance	Provisional	B in MTEP26	50706	\$ 9,000,000	Project Added
Portage - Columbia 138 kV (X-13/X-20), Reconnector	Jun-27	3	Reliability	Proposed	A in MTEP25	50673	\$ 17,296,600	Project Added
Crawfish River - Jefferson 138 kV (6654), Rebuild	Dec-38	3	Condition and Performance	Provisional	B in MTEP26	50705	\$ 4,300,000	Project Added
Concord - Crawfish River 138 kV (9043), Rebuild	Dec-37	3	Condition and Performance	Provisional	B in MTEP26	50704	\$ 31,000,000	Project Added
Hubbard - Spring Brook 69 kV (Y-168), Rebuild	Dec-31	3	Condition and Performance	Provisional	B in MTEP26	50703	\$ 7,100,000	Project Added
Highland – Verona 89 kV (Y-138/Y-36/Y-209/Y-136), Partial Rebuild	Dec-31	3	Condition and Performance	Provisional	B in MTEP25	50694	\$ 78,400,000	Project Added
J1101 Kewaunee SS Network Upgrades and Interconnection Facilities	Jun-26	4	G-T Interconnection	Planned	A in MTEP22	22049	\$ 155,000	No update
Danz Ave SW STA – University (WPS) 69kV (O-15), underground rebuild & OPGW	Feb-26	4	Condition and Performance	Planned	A in MTEP19	15924	\$ 41,000,000	No update
Edgewater SS, Bus Reconfiguration	Dec-26	4	Condition and Performance	Planned	A in MTEP18	13756	\$ 14,200,000	No update

Project Name	2025 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Approved)	MTEP PRJID	Cost	Explanation
Ellisville SS, DIC, New Substation	Nov-25	4	T-D Interconnection	Planned	A in MTEP23	24784	\$ 8,200,000	Updated ISD
Winnebago County, New DIC	Jul-27	4	T-D Interconnection	Proposed	A in MTEP25	24474	\$ 2,900,000	Updated ISD
Tower Dr – Pulliam (P-16/R-70), Partial Rebuild	Apr-28	4	Condition and Performance	Planned	A in MTEP22	21348	\$ 17,200,000	No update
Hwy V – Structure 123 69 kV (Z-26), Rebuild	Jul-26	4	Condition and Performance	Planned	A in MTEP18	12137	\$ 18,200,000	No update
Plymouth Reliability Project	Mar-26	4	T-D Interconnection	Planned	A in MTEP22	21925	\$ 41,100,000	No update
Fitzgerald SS – Transformer and Breaker Asset Renewal	Dec-25	4	Condition and Performance	Planned	A in MTEP22	21915	\$ 4,500,000	Updated cost
West Marinette SS – Transformer and Breaker Asset Renewal	Dec-25	4	Condition and Performance	Planned	A in MTEP22	21917	\$ 8,962,353	No update
Shoto – Northeast 69kV (K-11), Rebuild	Oct-30	4	Condition and Performance	Planned	A in MTEP23	23911	\$ 9,000,000	Updated cost
Northeast – Revere Dr 69kV (G-103) Uprate or Rebuild	Jan-30	4	Condition and Performance	Planned	A in MTEP23	23837	\$ 8,600,000	No update
Ohmstead SS Control House and Relay Asset Renewal	Dec-26	4	Condition and Performance	Planned	A in MTEP23	23897	\$ 4,300,000	No update
Shoto SS Power Transformer Asset Renewal	Dec-26	4	Condition and Performance	Planned	A in MTEP23	23901	\$ 7,500,000	No update
Waupun – Str 127484 69 kV (Y-25), Partial Rebuild & OPGW	Jul-26	4	Condition and Performance	Planned	A in MTEP23	23905	\$ 20,000,000	No update
South Fond du Lac SS, Power Transformer and Breaker Asset Renewal	Dec-28	4	Condition and Performance	Planned	A in MTEP23	23906	\$ 9,500,000	No update
High Falls – Mountain 69kV (Y-77), Partial rebuild	Dec-28	4	Condition and Performance	Planned	A in MTEP23	23838	\$ 33,000,000	No update
Valders SS, New 138/69 kV Substation	Jul-28	4	Reliability	Planned	A in MTEP23	24296	\$ 26,300,000	No update
Mullet River Area Reliability Project	Nov-28	4	Reliability (BRP)	Planned	A in MTEP24	21900	\$ 64,600,000	No update
East Krok Transformer Replacement	Dec-27	4	Reliability, Condition and Performance	Planned	A in MTEP23	23912	\$ 8,700,000	No update
Edgewater SS, DIC, replace transformer and substation rebuild	Dec-30	4	T-D Interconnection	Planned	A in MTEP18	15126	\$ 5,100,000	No update
Pioneer SS (WPS) Breaker Relay and Remote Ends Asset Renewal	Dec-27	4	Condition and Performance	Planned	A in MTEP24	24980	\$ 3,800,000	No update
Forest Junction SS and Remote End Relay Asset Renewal	Dec-27	4	Condition and Performance	Planned	A in MTEP24	24922	\$ 6,480,000	No update
Lakefront SW YD – Revere Dr 69 kV (D-104), Partial Rebuild	Oct-28	4	Condition and Performance	Planned	A in MTEP24	25000	\$ 9,000,000	No update
Lost Dauphin – Oak St 69 kV (E-31), Partial Rebuild	Mar-28	4	Condition and Performance	Provisional	B in MTEP24	25020	\$ 11,400,000	No update
Badger SS Control House, Breaker, and Relay Asset Renewal	Jun-26	4	Condition and Performance	Planned	A in MTEP24	25190	\$ 7,875,000	No update
Menominee – 30th Ave. 69 kV (Y-199), Rebuild	Jun-28	4	Condition and Performance	Planned	A in MTEP24	25164	\$ 8,400,000	No update
Glory Road – Oak St. 69 kV (GLNY41), Partial Rebuild	Jun-28	4	Condition and Performance	Planned	A in MTEP24	25165	\$ 6,000,000	No update
Y-60/Y-114 Network Reinforcement Project	Jun-28	4	Reliability	Provisional	B in MTEP24	25254	\$ 6,500,000	No update
2nd St. Tap – 30th Ave. 69 kV (N-14), Partial Rebuild	Nov-27	4	Condition and Performance	Planned	A in MTEP24	25104	\$ 7,500,000	No update
Kaukauna Central Tap – Melissa 138 kV (971K11), Rerate	Dec-25	4	Line Clearance	Planned	A in MTEP24	50026	\$ 2,700,000	No update
Northwest Ripon SS Capacitor Bank Retirement	Dec-27	4	Condition and Performance	Planned	A in MTEP24	22798	\$ 66,000	No update
J1615 Morgan SS Network Upgrades and Interconnection Facilities	Sep-28	4	G-T Interconnection	Planned	A in MTEP24	50120	\$ 3,342,000	No update
Highway V SS Power Transformers Asset Renewal	Dec-30	4	Condition and Performance	Provisional	B in MTEP25	50123	\$ 21,439,000	Updated ISD
Finger Road SS Relays and Remote Ends Asset Renewal	Dec-28	4	Condition and Performance	Proposed	A in MTEP25	50127	\$ 5,801,000	No update
Greenleaf SS, DIC, Transformer Addition	Jun-25	4	T-D Interconnection	Planned	A in MTEP24	22911	\$ 886,000	No update
Riverside (ALTE) – Erdman 69 kV (Y-82/X-64/X-37), Rebuild	May-28	4	Condition and Performance	Provisional	B in MTEP25	50132	\$ 29,000,000	No update
Oconto Falls Municipal SS, DIC, New Substation	Aug-25	4	T-D Interconnection	Planned	A in MTEP21	14968	\$ 2,600,000	Updated cost
7th Street SS, DIC, Transformer Addition	Aug-25	4	T-D Interconnection	Planned	A in MTEP23	20204	\$ 250,000	Updated cost
Ellinwood SS Power Transformer Asset Renewal	Dec-29	4	Condition and Performance	Proposed	A in MTEP25	50173	\$ 9,900,000	Updated ISD
Neevin SS, DIC, Transformer Addition	Dec-25	4	T-D Interconnection	Planned	A in MTEP23	20204	\$ 503,000	No update
Huebner SS, DIC, Transformer Addition	Dec-27	4	T-D Interconnection	Provisional	B in MTEP25	50346	\$ 3,200,000	No update
J1793 Holland SS Network Upgrades	Dec-25	4	G-T Interconnection	Proposed	A in MTEP25	50505	\$ 142,000	No update
J1745 Fitzgerald SS Network Upgrades and Interconnection Facilities	Jun-29	4	G-T Interconnection	Proposed	A in MTEP25	50495	\$ 2,021,000	No update
Appleton Area Reliability Project	May-29	4	Reliability (BRP)	Provisional	B in MTEP25	50529	\$ 60,000,000	No update
Stiles – Sherwood 138 kV (L-142), Partial Rebuild	May-28	4	Condition and Performance	Proposed	A in MTEP25	50532	\$ 7,000,000	Updated ISD
Wilson St SS, DIC, Transformer Addition	Dec-28	4	T-D Interconnection	Proposed	A in MTEP25	50549	\$ 3,800,000	No update
Aviation - North Fond Du Lac 138 kV (G-111), Partial Rebuild	Dec-29	4	Condition and Performance	Provisional	B in MTEP26	50634	\$ 35,000,000	No update
I-61/Q-43 69 kV Partial Rebuilds & OPGW	Dec-30	4	Communication	Proposed	A in MTEP25	50638	\$ 17,000,000	Updated Project Name. Updated cost.
Erdman - Edgewater 69 kV (Y-31), Partial Rebuild	Dec-29	4	Condition and Performance	Proposed	A in MTEP26	50645	\$ 6,500,000	No update
Forest Junction – Branch River 345 kV (W-15), Line Uprate	Jan-29	4	Reliability	Proposed	A in MTEP25	50588	\$ 7,754,507	No update
Progress SS, DIC, Substation Rebuild	Jun-27	4	Condition and Performance	Proposed	A in MTEP25	50598	\$ 3,000,000	No update
Liberty St SS Relay and Remote End	Dec-28	4	Condition and Performance	Planned	A in MTEP24	25185	\$ 1,501,039	No update
Glenview - Lost Dauphin 69 kV (F-6), Partial Rebuild	Dec-29	4	Condition and Performance	Provisional	B in MTEP26	50652	\$ 23,000,000	No update
North Mullet River - Sheboygan Falls 69 kV (Y-50), Rebuild	Dec-29	4	Condition and Performance	Provisional	B in MTEP26	50653	\$ 26,000,000	No update
Maplewood - Badger 138 kV (W-75), Rebuild	Dec-29	4	Condition and Performance	Provisional	B in MTEP26	50654	\$ 51,000,000	No update
Edgewater SS Breaker Asset Renewal	Dec-28	4	Condition and Performance	Proposed	A in MTEP25	25185	\$ 1,875,000	No update
R1049/R5061 Edgewater SS, Network Upgrades and Interconnection Facilities	Sep-26	4	G-T Interconnection	Proposed	A in MTEP25	50655	\$ 260,000	No update
Oak Street SS Control Building and Relay Asset Renewal	Dec-29	4	Condition and Performance	Proposed	A in MTEP26	50667	\$ 3,674,462	No update
Manitowoc Area SS Relay Asset Renewal	Dec-29	4	Condition and Performance	Proposed	A in MTEP26	50669	\$ 6,376,769	No update
Werner SS Relay and Remote Asset Renewal	Dec-26	4	Condition and Performance	Proposed	A in MTEP25	50670	\$ 4,450,000	No update
Pulliam SW YD - Maplewood 138 kV (X-76), Rebuild	Dec-30	4	Condition and Performance	Provisional	B in MTEP26	50690	\$ 20,000,000	Project Added
South Fond Du Lac - Str 127484 69 kV (Y-25), Partial Rebuild	Dec-30	4	Condition and Performance	Provisional	B in MTEP26	50709	\$ 11,500,000	Project Added
Howard - Mason St 138 kV (MSNG41), Partial Rebuild	Dec-31	4	Condition and Performance	Proposed	A in MTEP26	50678	\$ 3,000,000	Project Added
South Fond du Lac - Forward Energy Center 138 kV (X-96), Rebuild	Dec-40	4	Condition and Performance	Provisional	B in MTEP26	50708	\$ 15,000,000	Project Added
Forward Energy Center - Butternut 138 kV (33542), Partial Rebuild	Dec-40	4	Condition and Performance	Provisional	B in MTEP26	50707	\$ 8,000,000	Project Added
Lincoln – 43rd Street Terminal 138 kV (5053), Replace with double circuit duct bank and XLPE cable	Jul-27	5	Condition and Performance	Planned	A in MTEP21	18048	\$ 74,300,000	No update
Port Washington – Saukville 138 kV (X-132/X-133), Partial Rebuild	May-25	5	Condition and Performance / Reliability	Planned	A in MTEP22	21899	\$ 11,000,000	Project in-service
Pleasant Prairie 345 kV Capacitor Bank Addition	Dec-25	5	Reliability	Planned	A in MTEP23	24785	\$ 9,500,000	Updated ISD
Racine 345 kV Capacitor Bank Addition	Jun-26	5	Reliability	Planned	A in MTEP23	24819	\$ 11,900,000	Updated ISD
Granville SS, Control House and Relay Replacement and Asset Renewal	Jun-26	5	Condition and Performance / Reliability	Planned	A in MTEP21	16490	\$ 48,400,000	No update
Everett GIS Asset Renewal	Apr-27	5	Condition and Performance	Planned	A in MTEP22	21923	\$ 22,645,727	No update

Project Name	2025 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Approved)	MTEP PRJID	Cost	Explanation
WisDOT I-94 Stadium Group of Projects	Dec-28	5	Condition and Performance	Planned	A in MTEP22	23008	\$ 145,300,000	Updated ISD
Milwaukee Area Reactive Power Project	Jun-30	5	Reliability	Provisional	B in MTEP23	23873	\$ 30,000,000	No update
Harbor – Russel Terminal 138 kV (893K11), Rebuild	Nov-29	5	Condition and Performance	Planned	A in MTEP22	21926	\$ 61,200,000	No update
Oak Creek, Racine SS and Remote Ends, Control Buildings and Relaying Asset Renewal	May-26	5	Condition and Performance	Planned	A in MTEP22	21629	\$ 31,352,034	No update
Mill Road – Granville Project	Oct-27	5	Reliability / Condition and Performance	Planned	A in MTEP25	24919	\$ 423,705,000	No update
Range Line Dist (WE) – Range Line Switchyard 138 kV (61452), Replace Underground Cable	Jun-28	5	Condition and Performance	Proposed	A in MTEP25	24925	\$ 6,000,000	No update
Range Line Dist (WE) – Range Line Switchyard 138 kV (61441), Replace Underground Cable	Jun-28	5	Condition and Performance	Proposed	A in MTEP25	24982	\$ 4,000,000	No update
J1316 Paris SS Network Upgrades [North Appleton - Fox River (NAPL121) 345 kV, Reconnector]	Dec-28	5	G-T Interconnection	Planned	A in MTEP23	24838	\$ 22,432,466	No update
Milwaukee Leased Dark Fiber Retirement Plan	Dec-27	5	Communication	Planned	A in MTEP24	25162	\$ 6,000,000	No update
Racine County, DIC, Nimbus Substation	Apr-25	5	T-D Interconnection	Planned	A in MTEP24	25299	\$ 105,000,000	Project in-service. Updated cost.
Forest Junction – Cypress – Arcadian 345kV (971L51 and LCYP31), Uprate	Dec-30	5	Economic	Provisional	B in MTEP24	25392	\$ 11,600,000	No update
West Junction SS 138 kV Sectionalizing	Dec-27	5	Reliability	Planned	A in MTEP24	50041	\$ 8,700,000	Updated ISD
Milwaukee County, New DIC	Jun-26	5	T-D Interconnection	Planned	A in MTEP24	50091	\$ 2,600,000	Updated ISD
Racine County, DIC, Stratus Substation	Jan-27	5	T-D Interconnection	Planned	A in MTEP25	50165	\$ 60,000,000	No update
Racine County, DIC, Mount Pleasant Substation Expansion	Jan-27	5	T-D Interconnection	Planned	A in MTEP25	50166	\$ 114,000,000	No update
Racine County, DIC, Jupiter Substation	Jan-27	5	T-D Interconnection	Planned	A in MTEP25	50167	\$ 295,000,000	No update
Racine County Western Feed Transmission Line Project	Jul-28	5	T-D Interconnection	Planned	A in MTEP25	50168	\$ 124,000,000	Updated ISD
Oak Creek – Oakview 138 kV (836), Uprate	Jun-27	5	Operational Flexibility	Planned	A in MTEP24	22798	\$ 1,215,000	No update
Elm Road Generation POI Relocation Project	Jun-26	5	G-T Interconnection	Planned	A in MTEP24	50184	\$ 22,600,000	No update
PLPL81 and W-30 345 kV Line, Uprate	Jan-27	5	Reliability	Proposed	A in MTEP25	50200	\$ 9,500,000	No update
Racine County, DIC, Cosmos Substation	Apr-28	5	T-D Interconnection	Proposed	A in MTEP25	50543	\$ 195,000,000	No update
Racine – St. Rita 138 kV (8531), Partial Rebuild	Dec-33	5	Condition and Performance / Reliability	Provisional	B in MTEP25	50509	\$ 33,000,000	No update
J1778 Paris SS Network Upgrades	Nov-27	5	G-T Interconnection	Proposed	A in MTEP25	50512	\$ 811,000	No update
Granville SS Power Transformer Asset Renewal	Dec-29	5	Condition and Performance	Provisional	B in MTEP26	50656	\$ 11,062,770	No update
Kansas - Moorland 138 kV (872K61), Rerate	Apr-26	5	Line Clearance	Proposed	A in MTEP25	25240	\$ 260,000	No update
Ozaukee County, DIC, New Substations	Dec-27	5	T-D Interconnection	Proposed	A in MTEP26	51057	\$ 1,300,000,000	Project Added
St Martins - Oak Creek 138kV, reconfigure facilities to form new network line	Jan-28	5	Reliability	Proposed	A in MTEP26	50672	\$ 5,600,000	Project Added
Elm Road HVB Breaker and Relay Asset Renewal	Dec-29	5	Condition and Performance	Proposed	A in MTEP25	50702	\$ 8,400,000	Project Added
GoodHue SS, DIC, New Substation	Feb-28	5	Load Interconnection	Provisional	B in MTEP26	50717	\$ 8,100,000	Project Added
North Saukville SS, DIC, New Substation	Mar-27	5	Load Interconnection	Proposed	A in MTEP26	50716	\$ 15,000,000	Project Added
Mukwonago - University 138 kV (UNIG52), Rebuild	Jun-31	5	Condition and Performance	Provisional	B in MTEP26	50682	\$ 87,000,000	Project Added
Kansas (Norwich Term) - Harbor 138 kV (KANG41), Replace Underground Cable	Dec-31	5	Condition and Performance	Provisional	B in MTEP26	50681	\$ 56,000,000	Project Added
SS Physical Security Switch and SS Asset Renewal Enhancement	Dec-25	Various	Condition and Performance	Planned	A in MTEP23	23902	\$ 12,900,000	Project in-service
CRP Substation Ethernet Migration (Phase 2)	Jun-25	Various	Communication	Planned	A in MTEP23	25154	\$ 5,500,000	Project in-service
Substation Technology Package #2 – 2025	Dec-25	Various	Communication	Planned	A in MTEP24	50042	\$ 10,500,000	No update
Substation Technology Package #2 – 2026	Dec-26	Various	Communication	Proposed	A in MTEP25	50162	\$ 10,500,000	No update
Physical Security Current Cycle	Dec-25	Various	Physical Security	Planned	A in MTEP18	13826	\$ 67,198,396	No update
Small Capital Project and Asset Renewal Program 2021	Dec-25	Various	Condition and Performance	Planned	A in MTEP20	14909	\$ 38,913,412	No update
Load Interconnection Program 2021	Dec-28	Various	T-D Interconnection	Planned	A in MTEP20	14907	\$ 20,124,594	Updated ISD
Communication Reliability Program 2022	Dec-25	Various	Communication	Planned	A in MTEP21	14965	\$ 19,252,066	No update
Small Capital Project and Asset Renewal Program 2022	Dec-27	Various	Condition and Performance	Planned	A in MTEP21	14964	\$ 52,320,773	No update
Physical Security Program 2022	Jun-25	Various	Physical Security	Planned	A in MTEP21	14967	\$ 11,797,871	No update
Load Interconnection Program 2022	Dec-27	Various	T-D Interconnection	Planned	A in MTEP21	14968	\$ 27,586,994	No update
Communication Reliability Program 2023	Apr-25	Various	Communication	Planned	A in MTEP22	16767	\$ 19,593,713	Project in-service
Small Capital Project and Asset Renewal Program 2023	Dec-27	Various	Condition and Performance	Planned	A in MTEP22	16766	\$ 34,925,540	No update
Physical Security Program 2023	Dec-25	Various	Physical Security	Planned	A in MTEP22	16769	\$ 1,859,619	No update
Load Interconnection Program 2023	Dec-26	Various	T-D Interconnection	Planned	A in MTEP22	16770	\$ 18,045,914	Updated ISD
Small Capital Project and Asset Renewal Program 2024	Nov-30	Various	Condition and Performance	Planned	A in MTEP23	20201	\$ 47,000,000	No update
Load Interconnection Program 2024	Dec-27	Various	T-D Interconnection	Planned	A in MTEP23	20204	\$ 16,000,000	No update
Line Clearance Mitigation Program 2024	Dec-25	Various	Line Clearance	Planned	A in MTEP23	20203	\$ 10,000,000	Updated ISD
Small Capital Project and Asset Renewal Program 2025	Dec-29	Various	Condition and Performance	Planned	A in MTEP24	22798	\$ 45,000,000	No update
Load Interconnection Program 2025	Dec-27	Various	T-D Interconnection	Planned	A in MTEP24	22911	\$ 19,000,000	No update
Line Clearance Mitigation 2025	Nov-25	Various	Line Clearance	Planned	A in MTEP24	23951	\$ 5,400,000	No update
Small Capital Project and Asset Renewal Program 2026	Dec-28	Various	Condition and Performance	Proposed	A in MTEP25	25185	\$ 45,000,000	Updated ISD
Communications Reliability Program 2026	Jun-29	Various	Communication	Proposed	A in MTEP25	25186	\$ 2,100,000	Updated ISD
Load Interconnection Program 2026	Jun-28	Various	T-D Interconnection	Proposed	A in MTEP25	25187	\$ 9,900,000	No update
Line Clearance Mitigation Program 2026	Dec-26	Various	Line Clearance	Proposed	A in MTEP25	25240	\$ 14,400,000	Updated ISD
Small Capital Project and Asset Renewal Program 2027	Jun-29	Various	Condition and Performance	Provisional	B in MTEP25	50179	\$ -	No update
Communications Reliability Program 2027	Jun-29	Various	Communication	Provisional	B in MTEP25	50180	\$ -	No update
Line Clearance Mitigation Program 2027	Jun-29	Various	T-D Interconnection	Provisional	B in MTEP25	50181	\$ -	No update
Load Interconnection Program 2027	Jun-29	Various	Line Clearance	Provisional	B in MTEP25	50182	\$ -	No update
L RTP Tranche 1 Project 04: Wilmarth – North Rochester – Tremval	Jun-28	Various	L RTP	n/a	A in MTEP21	23371	\$ 2,300,000	No update
L RTP Tranche 1 Project 05: Tremval – Eau Claire – Jump River	Jun-29	Various	L RTP	Planned	A in MTEP21	23372	\$ 39,500,000	Updated ISD
L RTP Tranche 1 Project 06: Tremval – Rocky Run – Columbia	Jun-29	Various	L RTP	Planned	A in MTEP21	23408	\$ 850,300,000	No update
L RTP Tranche 2 Project 21: Iron Range - Arrowhead	Jun-32	Various	L RTP	Planned	A in MTEP24	50554	\$ 428,300,000	No update
L RTP Tranche 2 Project 26: North Rochester - Columbia	Jun-34	Various	L RTP	Planned	A in MTEP24	50559	\$ 1,923,600,000	No update
L RTP Tranche 2 Project 27: Rocky Run - Werner - North Appleton	Jun-32	Various	L RTP	Planned	A in MTEP24	50560	\$ 212,100,000	No update
L RTP Tranche 2 Project 28: South Fond du Lac - Rockdale - Big Bend - Sugar Creek - Kitty Hawk	Jun-33	Various	L RTP	Planned	A in MTEP24	50561	\$ 1,101,800,000	No update
L RTP Tranche 2 Project 29: Bluemound - Arcadian - Waukesha - Muskego - Elm Road - Racine	Jun-32	Various	L RTP	Planned	A in MTEP24	50562	\$ 730,500,000	No update

Project Name	2025 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Approved)	MTEP PRJID	Cost	Explanation
L RTP Tranche 2 Project 30: Columbia - Sugar Creek	Jun-34	Various	L RTP	Planned	A in MTEP24	50563	\$ 742,700,000	No update
L RTP Tranche 2 Project 31: Sugar Creek - Collins	Jun-34	Various	L RTP	Planned	A in MTEP24	50564	\$ 732,800,000	No update
SPFs Update types 13c and 13d, Network Upgrade	Dec-26	Various	Condition and Performance	Planned	A in MTEP23	20201	\$ 805,704	Updated ISD
Substation High Voltage Protection (HVP) Equipment Removal	Nov-27	Various	Communication	Proposed	A in MTEP25	50622	\$ 3,000,000	No update
Substation Technology Package #3 - 2026	Dec-26	Various	Communication	Proposed	A in MTEP25	50642	\$ 3,000,000	No update
LEGEND								
No Shading = No change to project since previous Assessment								
Green Shading = Project In-Service								
Orange Shading = New project, was not in previous Assessment project list								
Gray Shading = Some Change has happened since the last posted list								
COMMONLY USED DEFINITIONS								
DIC - Distribution Interconnection GIC - Generator Interconnection GIA - Generator Interconnection Agreement MPFCA - Multi-Party Facility Agreement								
MISO MTEP Appendix - Indicates MTEP Cycle, Cycles MTEP24 and prior are Approved in MISOs' Regional Plan for A projects (BOLDED). MTEP25 and future cycles are not yet certified at the time of publication.								