

Project Name	2024 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost	Explanation
Artesian SS, DIC – Terminal Connection	Jun-26	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	20204	\$ 65,130	Updated ISD
J1042 North Lake Geneva SS Network Upgrades and Interconnection Facilities	Dec-25	3	G-T Interconnection	Planned	<b>A in MTEP22</b>	22105	\$ 1,407,357	No Update
J1460 Sunrise SS Network Upgrades and Interconnection Facilities	Dec-25	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24802	\$ 4,465,266	No Update
Gateway – Sycamore 69 kV (6902), Rebuild	Dec-24	3	Reliability	Planned	<b>A in MTEP21</b>	14964	\$ 4,940,000	No Update
Cardinal – Hickory Creek 345kV, Line Construction	Sep-24	3	Reliability, Economic and Policy	Planned	<b>A in MTEP11</b>	3127	\$ 492,200,000	Project In-Service
Sun Prairie Park, DIC, Substation Rebuild	Aug-24	3	T-D Interconnection	Planned	<b>A in MTEP20</b>	14907	\$ 1,740,000	Project In-Service, Updated Cost and ISD
Reedsburg DIC Substation and T-Line Retirements	Jun-26	3	T-D Interconnection	Planned	<b>A in MTEP20</b>	14907	\$ 4,129,000	Updated ISD
Spring Green – Wick Drive 69 kV (Y-170), Uprate	Jul-24	3	Reliability	Planned	<b>A in MTEP21</b>	14964	\$ 1,964,000	Project In-Service, Updated Cost and ISD
Rock River SS, DIC, Additional Transformer	Oct-24	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	24473	\$ 1,141,000	No Update
Johnstown SS, DIC, New Substation	Dec-25	3	T-D Interconnection	Planned	<b>A in MTEP22</b>	23520	\$ 6,063,398	No Update
Bonnie Road, DIC, New Substation	Dec-27	3	T-D Interconnection	Planned	<b>A in MTEP21</b>	19806	\$ 3,500,000	Updated ISD
Rock County Reliability Project	Dec-24	3	Reliability	Planned	<b>A in MTEP22</b>	20805	\$ 54,000,000	No Update
Lancaster Transformer Replacement & Substation Rebuild	Feb-26	3	T-D Interconnection	Planned	<b>A in MTEP21</b>	20925	\$ 6,200,000	No Update
Gaston Road SS, DIC, Additional Transformer	Dec-24	3	T-D Interconnection	Planned	<b>A in MTEP22</b>	22988	\$ 3,600,000	No Update
Duck Creek SS, DIC, New Substation	Dec-24	3	T-D Interconnection	Planned	<b>A in MTEP22</b>	23007	\$ 4,200,000	No Update
Vinburn Substation 69 kV Capacitor Addition	Dec-24	3	Reliability, Condition and Performance	Planned	<b>A in MTEP22</b>	22986	\$ 3,620,000	No Update
J1374 Ebenezer SS Network Upgrades and Interconnection Facilities	Sep-25	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24445	\$ 1,577,013	No Update
DPC Clearfield Jct Tap, New T-T	Sep-27	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	24575	\$ 11,100,000	No Update
Columbus SS, DIC, Transformer Replacement	Sep-28	3	T-D Interconnection	Planned	<b>A in MTEP22</b>	22989	\$ 15,690,577	Updated ISD
Huiskamp – Ruskin 69 kV (6937), Partial Rebuild	Mar-25	3	Condition and Performance	Planned	<b>A in MTEP22</b>	21347	\$ 7,900,000	No Update
J1214 J1326 Rockdale SS Network Upgrades and Interconnection Facilities	Jun-25	3	G-T Interconnection	Planned	<b>A in MTEP22</b>	24613	\$ 4,069,937	No Update
Manogue Rd SS DIC, New Substation	Aug-25	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	24373	\$ 7,100,000	No Update
Academy – Columbus 69kV (Y-21), Rebuild	Jul-27	3	Condition and Performance	Planned	<b>A in MTEP21</b>	10590	\$ 3,263,000	No Update
Darlington – Rock Branch 69kV (Y-109), Rebuild	Jun-27	3	Condition and Performance	Planned	<b>A in MTEP22</b>	18046	\$ 16,700,000	No Update
Nelson Dewey – Bloomington (Y-184), 69kV, rebuild & OPGW	Dec-25	3	Reliability, Condition and Performance	Planned	<b>A in MTEP22</b>	19962	\$ 23,600,000	No Update
Rockdale and Christiana SS - Control House and Relay Asset Renewal	Dec-25	3	Condition and Performance	Planned	<b>A in MTEP22</b>	21628	\$ 5,800,000	No Update
Rock Branch SS, Relay Replacement and Asset Renewal	Dec-25	3	Condition and Performance	Planned	<b>A in MTEP22</b>	16766	\$ 1,111,290	No Update
Wick Drive – Black Earth 69kV (Y-62), OPGW Addition & Partial Rebuild	Dec-26	3	Communication	Planned	<b>A in MTEP23</b>	23858	\$ 7,000,000	No Update
Stoughton SS, DIC, Substation Retirement	Dec-25	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	20204	\$ 50,000	No Update
Walworth – Brick Church (Y-159), OPGW Addition & Partial Rebuild	Dec-27	3	Communication	Planned	<b>A in MTEP23</b>	24465	\$ 9,400,000	No Update
Belleville SS, DIC, Substation Rebuild	Dec-26	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	20204	\$ 2,689,139	No Update
J1410 J1411 North Arlington Swt St MPFCA & Network Upgrades	Jun-26	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24758	\$ 21,988,404	No Update
J1483 Hill Valley SS Network Upgrades and Interconnection Facilities	Sep-26	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24447	\$ 2,252,888	No Update
J1377 Blitz SS Network Upgrades and Interconnection Facilities	Dec-27	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24799	\$ 14,574,360	Updated ISD
Brodhead SS, Breakers, Switches and RTU Asset Renewal	Dec-26	3	Condition and Performance	Planned	<b>A in MTEP23</b>	20201	\$ 1,807,505	No Update
Grant County, DIC, New Substation	Jan-28	3	T-D Interconnection	Proposed	<b>A in MTEP24</b>	24778	\$ 50,100,000	No Update
South Beaver Dam – Hubbard, (Y-134), 69kV Rebuild & OPGW	Jun-26	3	Condition and Performance	Planned	<b>A in MTEP22</b>	18047	\$ 20,100,000	No Update
Brownstown – South Monroe 69 kV (Y-155), Rebuild	Dec-25	3	Condition and Performance	Planned	<b>A in MTEP22</b>	21916	\$ 14,600,000	No Update
Kirkwood SS, Power Transformer and Breaker Asset Renewal	Dec-27	3	Condition and Performance	Proposed	<b>A in MTEP23</b>	19963	\$ 14,100,000	No Update
McCue SS Control House and Relay Asset Renewal	Dec-26	3	Condition and Performance	Planned	<b>A in MTEP23</b>	23895	\$ 9,500,000	No Update
North Beaver Dam SS Asset Renewal	Dec-26	3	Condition and Performance	Proposed	<b>A in MTEP23</b>	23903	\$ 16,100,000	No Update
Madison Area Relay Projects	Dec-27	3	Condition and Performance	Proposed	<b>A in MTEP23</b>	23875	\$ 21,900,000	No Update
Eden – Rock Branch 69kV (Y-106), Rebuild & OPGW	Dec-30	3	Condition and Performance	Proposed	<b>A in MTEP24</b>	23910	\$ 67,900,000	No Update
Renewable Reinforcement Project	Dec-29	3	Reliability	Provisional	<b>B in MTEP22</b>	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	<b>A in MTEP23</b>	23904	\$ 11,200,000	No Update
Hillman – Darlington 138kV (X-14/X-101), Rebuild	Dec-28	3	Condition and Performance	Planned	<b>A in MTEP18</b>	4726	\$ 28,500,000	No Update
South Fond du Lac – Spring Brook 69kV (Y-133), Partial rebuild	Dec-32	3	Condition and Performance	Provisional	<b>B in MTEP18</b>	13739	\$ 17,000,000	No Update
Walnut – Blount 69 kV, Construct New Line	Dec-31	3	Reliability	Provisional	<b>B in MTEP21</b>	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>B in MTEP24</b>	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>B in MTEP24</b>	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>B in MTEP24</b>	25004	\$ 11,000,000	No Update
Gran Grae – Hillside 69 kV (Y-161), Rebuild & OPGW	Jul-27	3	Condition and Performance	Provisional	<b>B in MTEP24</b>	25019	\$ 12,000,000	No Update
Rock River SS, Bus Rebuild	Oct-25	3	Condition and Performance	Planned	<b>A in MTEP23</b>	20201	\$ 905,000	No Update
J1214 J1326 J1377 J1410 J1411 MPFCA Network Upgrades	May-25	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24841	\$ 1,279,961	No Update
J1304 J1305 J1460 MPFCA Network Upgrades	Dec-25	3	G-T Interconnection	Planned	<b>A in MTEP23</b>	24782	\$ 4,930,697	No Update
Sun Prairie Area Reliability Project	Jun-29	3	Reliability	Proposed	<b>A in MTEP25</b>	25161	\$ 61,450,000	Updated MTEP Appendix and Status
Highland – Hill Valley 138 kV, Construct New Line	Dec-29	3	Reliability	Provisional	<b>B in MTEP24</b>	25203	\$ 9,500,000	No Update
Cuba City South, DIC, Sub Expansion	Dec-27	3	T-D Interconnection	Proposed	<b>A in MTEP24</b>	25220	\$ 11,000,000	No Update
Union Townline, DIC, Sub Expansion	Nov-26	3	T-D Interconnection	Proposed	<b>A in MTEP24</b>	25226	\$ 11,600,000	Updated Cost
East Madison Area Reliability Project	Dec-30	3	Reliability	Provisional	<b>B in MTEP24</b>	25087	\$ 14,000,000	Updated ISD
Madison Area Reactive Project	Dec-30	3	Reliability	Provisional	<b>B in MTEP24</b>	25103	\$ 6,500,000	Updated ISD
Mukwonago – University 138 kV (UNIG52), Rebuild	Dec-31	3,5	Condition and Performance	Provisional	<b>B in MTEP24</b>	50010	\$ 55,000,000	No Update
West Middleton – Str 36 69 kV (6967/6963), Rebuild Green Poles (CAC/CCA/SX) Replacements	Oct-26	3	Condition and Performance	Proposed	<b>A in MTEP24</b>	50017	\$ 7,200,000	No Update
Lake Geneva SS, DIC, New Substation	Feb-27	3	T-D Interconnection	Planned	<b>A in MTEP20</b>	14907	\$ 2,471,000	No Update
Oak Ridge, DIC, Additional Transformer and Bus Tie	Dec-25	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	20204	\$ 1,268,000	No Update
Black Earth, DIC, Additional Transformer	Jun-25	3	T-D Interconnection	Proposed	<b>A in MTEP24</b>	22911	\$ 1,909,000	No Update
Birchwood SS Relay and Capacitor Bank Asset Renewal	Dec-27	3	Condition and Performance	Proposed	<b>A in MTEP24</b>	22798	\$ 1,200,000	No Update
University – Whitewater 138 kV (UNIG51), Partial Reconnector & OPGW	Dec-25	3	Reliability, Operational Flexibility	Proposed	<b>A in MTEP24</b>	50102	\$ 4,825,000	No Update
J1773 Edmund Swt St Network Upgrades and Interconnection Facilities	Mar-30	3	G-T Interconnection	Proposed	<b>A in MTEP24</b>	50111	\$ 19,693,000	No Update
J1781 Hill Valley SS Network Upgrades and Interconnection Facilities	Mar-30	3	G-T Interconnection	Planned	<b>A in MTEP24</b>	50112	\$ 7,219,000	No Update
Columbia SS Power Transformer Asset Renewal	Dec-28	3	Condition and Performance	Provisional	<b>B in MTEP25</b>	50122	\$ 12,329,000	Updated Cost
Portage SS Relay and Breaker Asset Renewal	Dec-28	3	Condition and Performance	Proposed	<b>A in MTEP25</b>	50124	\$ 7,100,000	No Update

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Rock River SS and Remote Ends Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	50125	\$ 5,614,000	Updated Cost
Eden SS Relay and House Asset Renewal	Dec-28	3	Condition and Performance	Proposed	A in MTEP25	50128	\$ 4,945,000	No Update
Dam Heights – Kirkwood 69 kV (Y-75), Partial Rebuild	Dec-28	3	Condition and Performance	Provisional	B in MTEP25	50131	\$ 25,700,000	Updated Project Name and Cost
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-27	3	T-D Interconnection	Proposed	A in MTEP24	50136	\$ 3,000,000	No Update
Syene SS, DIC, Upgrade Surge Arrestors	Feb-25	3	T-D Interconnection	Proposed	A in MTEP24	22911	\$ 330,000	No Update
Wick Drive SS, DIC, Transformer Addition	Jul-25	3	T-D Interconnection	Proposed	A in MTEP24	22911	\$ 250,000	No Update
Dodge County, DIC, New Substation	Jun-27	3	T-D Interconnection	Proposed	A in MTEP24	50138	\$ 161,000,000	No Update
Sunrise – Johnstown – Whitewater 138 kV (X-181, 4434), Uprate	Jan-27	3	Operational Flexibility, T-D Int.	Proposed	A in MTEP24	22798	\$ 143,000	No Update
Bristol – Elkhorn 138 kV (X-81), Uprate	Jan-27	3	Operational Flexibility, T-D Int.	Proposed	A in MTEP24	22798	\$ 422,000	No Update
Potosi SS, DIC, Sub Relocation to Tennyson	Dec-25	3	T-D Interconnection	Proposed	A in MTEP24	22911	\$ 1,490,000	No Update
Poynette SS, DIC, Sub Rebuild & Tap Switch Relocation	Apr-27	3	T-D Interconnection	Proposed	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	Updated Cost
Belleville SS, DIC, Substation Rebuild	Dec-26	3	T-D Interconnection	Planned	<b>A in MTEP23</b>	20204	\$ 3,860,000	Project Added
Whitewater – Sugar Creek 138 kV (WHIG53), Flow Control Device	Jan-27	3	T-D Interconnection	Proposed	A in MTEP25	50223	\$ 3,358,000	Project Added
Syene SS, Add Capacitor Banks and Control House	Jun-26	3	Operational Flexibility	Proposed	A in MTEP25	50224	\$ 7,720,000	Project Added
North Lake Geneva – Elkhorn 138 kV (X-55), Rebuild	Jan-27	3	Reliability	Proposed	A in MTEP25	50225	\$ 16,800,000	Project Added
Huiskamp – Ruskin 69 kV (6937), OPGW Addition	Dec-26	3	Communication	Proposed	A in MTEP25	50255	\$ 4,000,000	Project Added
J1706 North Monroe SS Network Upgrades and Interconnection Facilities	Jun-29	3	G-T Interconnection	Proposed	A in MTEP25	50506	\$ 18,266,000	Project Added
J1629 POI SS Network Upgrades and Interconnection Facilities	Sep-30	3	G-T Interconnection	Proposed	A in MTEP25	50508	\$ 21,461,000	Project Added
<b>LEGEND</b>								
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								
<b>COMMONLY USED DEFINITIONS</b>								
DIC - Distribution Interconnection      GIC - Generator Interconnection								
GIA - Generator Interconnection Agreement      MPFCA - Multi-Party Facility Agreement								
MISO MTEP Appendix - Indicates MTEP Cycle. Cycles MTEP23 and prior are Certified in MISO's Regional Plan for A projects ( <b>BOLDED</b> ). MTEP24 and future cycles are not yet certified at the time of publication.								