

Project Name	2022 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost	Explanation
J986 7 Mile Creek SS, Generator Interconnection Facilities and Network Upgrades	Dec-23	1	G-T Interconnection	Planned	A in MTEP21	20625	\$11,971,867	Updated ISD
Waupaca SS, DIC, transformer addition	Jul-22	1	T-D Interconnection	Planned	A in MTEP20	18053	\$ 5,200,000.00	In-Service
Arpin SS Capacitor Bank Asset Renewal	Aug-22	1	Condition and Performance	Planned	A in MTEP22	16766	\$ 45,380.00	In-Service
Maine - Hilltop 115kV line (U-11), uprate	Oct-22	1	Reliability	Planned	A in MTEP20	14909	\$ 2,038,000.00	Updated Cost
Winneconne SS, Relay and Breaker Replacement	Dec-22	1	Condition and Performance	Planned	A in MTEP18	13243	\$ 2,800,000.00	Update Cost
J1002 Wautoma SS Network Upgrades and Interconnection Facilities	Jan-23	1	G-T Interconnection	Planned	A in MTEP22	21812	\$ 3,246,667.00	
Waupaca Area Energy Storage Project	Mar-23	1	Operational Flexibility	Planned	A in MTEP19	15947	\$ 11,600,000.00	Updated ISD / Updated Cost
Peterwell - Saratoga 138kV (X-43), Line Rebuild	Mar-23	1	Reliability, Economic	Planned	A in MTEP20	18017	\$ 26,700,000.00	Cost Update
Mudwater SS, DIC, New Substation	May-23	1	T-D Interconnection	Planned	A in MTEP19	14906	\$391,500.00	Project Withdrawn
Wittenberg SS, DIC Substation Retirement	Oct-23	1	T-D Interconnection	Planned	A in MTEP20	14907	\$ 100,900.00	Updated ISD
Hilltop SS, Install 69kV Breakers	Dec-23	1	Condition and Performance	Planned	A in MTEP17	12031	\$ 1,200,000.00	
Port Edwards SS, DIC, Transformer Retirement	Dec-23	1	T-D Interconnection	Planned	A in MTEP21	14968	\$ 1,120,000.00	Updated ISD
Chaffee Creek - Lincoln Pump Station 69kV (Y-18), Rebuild	Dec-23	1	Condition and Performance	Planned	A in MTEP18	10486	\$ 9,600,000.00	
Wautoma - Chaffee Creek 69kV (Y-49), Rebuild	Dec-23	1	Condition and Performance	Planned	A in MTEP18	7764	\$ 12,586,000.00	Cost Update
Weston - Sherman Street, 115kV line (Z-52), uprate	Dec-23	1	Reliability	Planned	A in MTEP20	14909	\$ 1,709,000.00	Updated Cost
Chaffee Creek SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 220,000.00	
Hancock SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 220,000.00	
Hollywood SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 696,730.00	
Roeder SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	22048	\$ 220,000.00	
Sand Lake SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 220,000.00	
Saratoga SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 672,154.00	
Wautoma SS - Port Edwards SS, 138kV (X-11), uprate	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 519,783.00	
Wautoma SS Grounding Improvements	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 220,000.00	
Wautoma SS Transformer Replacement	Dec-23	1	G-T Interconnection	Planned	A in MTEP22	21814	\$ 4,738,573.00	
Rocky Run Transformer Replacement	Dec-23	1	Reliability	Planned	A in MTEP22	21286	\$ 5,408,000.00	
Peterwell - Council Creek (X-40), OPGW Installation	Dec-24	1	Communication	Planned	A in MTEP21	19587	\$ 9,000,000.00	
Lincoln Pump Station - McKenna 69kV (Y-145), Rebuild	Dec-24	1	Condition and Performance	Planned	A in MTEP18	7765	\$ 9,000,000.00	
Kelly SS, Replace Transformer	Dec-24	1	T-D Interconnection	Provisional	A in MTEP20	14907	\$ 150,000.00	
Colburn SS, DIC, New Substation	Sep-25	1	T-D Interconnection	Provisional	B in MTEP23	23913	\$ 38,000,000.00	
Biramwood SS, DIC new substation	Dec-25	1	T-D Interconnection	Planned	A in MTEP18	15128	\$ 4,500,000.00	Updated ISD
McKenna - Castle Rock 69kV (Y-47), Rebuild	Dec-25	1	Condition and Performance	Planned	A in MTEP18	7763	\$ 10,740,000.00	
Saratoga SS - Control House and Breaker Asset Renewal	Dec-25	1	Condition and Performance	Planned	A in MTEP22	19525	\$8,200,000.00	
Pittsville - Sigel 69 kV (Y-108), Rebuild	Dec-25	1	Condition and Performance	Provisional	B in MTEP22	21922	\$ 10,000,000.00	
Pine - Skanawan Tap Structure (I-9), OPGW Addition	Dec-25	1	Communication	Provisional	A in MTEP23	23841	\$ 6,500,000.00	
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	Feb-26	1	G-T Interconnection	Planned	A in MTEP21	19729	\$ 21,245,605.00	Updated ISD
Rocky Run SS T2 and T4 Power Transformer Replacement	Jun-26	1	Reliability	Proposed	A in MTEP23	24093	\$ 6,000,000.00	
Groenier - Rosholt (ALTE) Tap, 69 kV (Y-71), Partial Rebuild and Rerate	Dec-26	1	Condition and Performance	Proposed	A in MTEP23	21921	\$ 12,300,000.00	Updated Project Name / Provisional to Proposed / Updated to Target A in MTEP23 / Updated Cost
Harrison Tap - Iola 69kV (Y-70), Rebuild & OPGW	Dec-26	1	Condition and Performance	Planned	A in MTEP23	23874	\$ 16,000,000.00	
North Central WI Reliability Project	Jun-27	1	Reliability	Proposed	A in MTEP23	22587	\$ 43,700,000.00	Updated ISD / Updated Provisional to Proposed / Target A in MTEP23
Rocky Run - Werner West 345 kV (WERWL41), Rebuild	Dec-28	1	Condition and Performance	Provisional	B in MTEP23	23839	\$ 130,000,000.00	
LRTP-05: Tremval - Eau Claire - Jump River	Jun-28	1	L RTP	Planned	A in MTEP21	23372	\$ 39,500,000.00	
LRTP-06: Tremval - Rocky Run - Columbia	Jun-29	Z1, Z3	L RTP	Planned	A in MTEP21	23408	\$ 850,300,000.00	
Line Upgrade Work to Accomodate New Tremval Substation	Jun-28	1	L RTP	Planned	A in MTEP21	23371	\$ 2,300,000.00	

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 MTEP21 and prior are Certified in MISOs' Regional Plan for A projects (**BOLDED**), MTEP22 and future cycles are not yet certified at the time of publication (10/2022).