

Project Name	2022 Est. ISD Month - Year	2023 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost	Explanation
J1000 Comet SS Network Upgrades and Interconnection Facilities	Mar-23	Dec-23	3	G-T Interconnection	Planned	A in MTEP22	21648	\$ 6,693,598	No Update
Artesian SS, DIC – Terminal Connection		May-24	3	T-D Interconnection	Planned	A in MTEP23	20204	\$ 65,130	No Update
Tokay SS, DIC, Add Transformer	Jun-23	Dec-23	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 520,155	Updated Cost
J1003 North Beaver Dam SS Network Upgrades and Interconnection Facilities	Jun-23	Nov-23	3	G-T Interconnection	Planned	A in MTEP22	21813	\$ 1,031,386	No Update
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades	Jul-23	Nov-23	3	G-T Interconnection	Planned	A in MTEP20	19145	\$ 5,704,918	Updated ISD
Rock River SS Switch Replacement	Sep-23	Oct-23	3	G-T Interconnection	Planned	A in MTEP20	19145	\$ 95,737	Updated ISD
J1042 North Lake Geneva SS Network Upgrades and Interconnection Facilities	Sep-23	Nov-23	3	G-T Interconnection	Planned	A in MTEP22	22105	\$ 1,407,357	Updated ISD
Hillman SS, Upgrade Transformer	Nov-23	Nov-23	3	G-T Interconnection	Planned	A in MTEP20	19145	\$ 3,132,719	No Update
Burlington – Sugar Creek, (6541), 138kV, line uprate [J1042 J1188 MPFCA]	Nov-23	Nov-23	3	G-T Interconnection	Planned	A in MTEP22	22225	\$ 4,365,163	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
Sharon SS, DIC, New Substation	Dec-23	Feb-24	3	T-D Interconnection	Planned	A in MTEP21	14968	\$ 865,000	Updated ISD
Gateway – Sycamore (6902), 69kV, rebuild	Dec-23	Dec-23	3	Reliability	Planned	A in MTEP21	14964	\$ 3,516,000	No Update
Cardinal – Hickory Creek 345kV, Line Construction	Dec-23	Dec-23	3	Reliability, Economic and Policy	Planned	A in MTEP11	3127	\$ 492,200,000	No Update
Barneveld SS, DIC, New Substation	Dec-23	Dec-23	3	T-D Interconnection	Planned	A in MTEP20	18052	\$ 13,134,000	No Update
North Beaver Dam Ground Grid Upgrades [J1002 J1003 MPFCA]	Dec-23	Dec-23	3	G-T Interconnection	Planned	A in MTEP22	22085	\$ 550,000	No Update
Colley Road SS, Transformer Replacement and Asset Renewal	Dec-23	Mar-24	3	Condition and Performance	Planned	A in MTEP20	17585	\$ 5,575,000	No Update
Sun Prairie Park, DIC, Substation Rebuild	Nov-23	May-24	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 1,500,000	No Update
Reedsburg DIC Substation and T-Line Retirements	Jun-24	Mar-25	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 3,500,000	Updated ISD
Spring Green – Wick Drive (Y-170), 69kV, uprate	Jun-24	May-24	3	Reliability	Planned	A in MTEP21	14964	\$ 2,483,646	Updated Cost, ISD
Rock River SS, DIC, Additional Transformer		Jul-24	3	T-D Interconnection	Proposed	A in MTEP23	24473	\$ 3,000,000	No Update
Johnstown SS, DIC, New Substation	May-24	Dec-25	3	T-D Interconnection	Planned	A in MTEP22	23520	\$ 6,063,398	Updated ISD
Bonnie Road, DIC, New Substation	Jun-23	Dec-24	3	T-D Interconnection	Planned	A in MTEP21	19806	\$ 3,504,413	No Update
Rock County Reliability Project	Dec-24	Dec-24	3	Reliability	Planned	A in MTEP22	20805	\$ 54,000,000	Updated Proposed to Planned, PSCW Approved
Lancaster Transformer Replacement & Substation Rebuild	Dec-24	Jun-25	3	T-D Interconnection	Planned	A in MTEP21	20925	\$ 3,700,000	Updated ISD
Gaston Road SS, DIC, Additional Transformer	Dec-24	Dec-24	3	T-D Interconnection	Planned	A in MTEP22	22988	\$ 3,600,000	Updated Cost
Duck Creek SS, DIC, New Substation	Dec-24	Dec-24	3	T-D Interconnection	Planned	A in MTEP22	23007	\$ 4,200,000	Updated Cost
Vinburn Substation 69 kV Capacitor Addition	Dec-24	Dec-24	3	Reliability, Condition and Performance	Planned	A in MTEP22	22986	\$ 3,620,000	No Update
J1374 Ebenezer SS Network Upgrades and Interconnection Facilities		Aug-24	3	G-T Interconnection	Planned	A in MTEP23	24445	\$ 1,577,013	No Update
DPC Clearfield Jct Tap, New T-T		Jun-26	3	T-D Interconnection	Proposed	A in MTEP23	24575	\$ 11,100,000	Updated Project Name
Columbus SS, DIC, Transformer Replacement	Jun-24	Jun-26	3	T-D Interconnection	Planned	A in MTEP22	22989	\$ 15,690,577	No Update
Huiskamp – Ruskin (6937), Partial Rebuild	Jun-25	Jun-25	3	Condition and Performance	Planned	A in MTEP22	21347	\$ 7,900,000	No Update
J1214 J1326 Rockdale SS Network Upgrades and Interconnection Facilities		Aug-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	No Update
Academy – Columbus 69kV (Y-21), Rebuild	Dec-24	Dec-26	3	Condition and Performance	Planned	A in MTEP21	10590	\$ 8,800,000	Updated ISD
Darlington – Rock Branch 69kV (Y-109), Rebuild	Jun-27	Jun-27	3	Condition and Performance	Planned	A in MTEP22	18046	\$ 16,700,000	Updated ISD
Nelson Dewey – Bloomington (Y-184), 69kV, rebuild & OPGW	Dec-25	Dec-25	3	Reliability, Condition and Performance	Planned	A in MTEP22	19962	\$ 16,300,000	No Update
Rockdale and Christiansa SS – Control House and Relay Asset Renewal	Dec-25	Dec-25	3	Condition and Performance	Planned	A in MTEP22	21628	\$ 5,800,000	No Update
Rock Branch SS, Relay Replacement and Asset Renewal	Dec-25	Dec-25	3	Condition and Performance	Planned	A in MTEP22	16766	\$ 1,111,290	No Update
Wick Drive – Black Earth 69kV, (Y-62), OPGW Addition & Partial Rebuild	Dec-25	Dec-26	3	Communication	Proposed	A in MTEP23	23858	\$ 7,000,000	No Update
Stoughton SS, DIC, Substation Retirement	Dec-25	Dec-25	3	T-D Interconnection	Proposed	A in MTEP23	20204	\$ 50,000	No Update
Walworth – Brick Church (Y-159), OPGW Addition & Partial Rebuild		Jun-26	3	Communication	Proposed	A in MTEP23	24465	\$ 4,600,000	No Update
Belleville SS, DIC, Substation Rebuild		Dec-26	3	T-D Interconnection	Planned	A in MTEP23	20204	\$ 2,689,139	No Update
J1410 J1411 North Arlington Swt St MPFCA & Network Upgrades		Jun-26	3	G-T Interconnection	Proposed	A in MTEP23	24758	\$ 21,988,404	No Update
J1483 Hill Valley SS Network Upgrades and Interconnection Facilities		Sep-26	3	G-T Interconnection	Planned	A in MTEP23	24447	\$ 2,252,888	No Update
J1377 Blitz SS Network Upgrades and Interconnection Facilities		Nov-26	3	G-T Interconnection	Proposed	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		Dec-26	3	T-D Interconnection	Provisional	B in MTEP23	24778	\$ 19,000,000	No Update
South Beaver Dam – Hubbard, (Y-134), 69kV Rebuild & OPGW	Dec-26	Dec-26	3	Condition and Performance	Planned	A in MTEP22	18047	\$ 20,100,000	No Update
South Monroe – Brownstown (Y-155), Partial Rebuild	Dec-26	Dec-26	3	Condition and Performance	Planned	A in MTEP22	21916	\$ 10,900,000	No Update
Kirkwood SS, Power Transformer and Breaker Asset Renewal	Dec-26	Dec-26	3	Condition and Performance	Planned	A in MTEP23	19963	\$ 14,100,000	No Update
McCue SS Control House and Relay Asset Renewal	Dec-26	Dec-26	3	Condition and Performance	Planned	A in MTEP23	23895	\$ 9,500,000	No Update
North Beaver Dam SS Asset Renewal	Dec-26	Dec-26	3	Condition and Performance	Proposed	A in MTEP23	23903	\$ 16,100,000	No Update
Madison Area Relay Projects	Dec-26	Dec-26	3	Condition and Performance	Proposed	A in MTEP23	23875	\$ 21,900,000	No Update
Eden – Rock Branch 69kV (Y-106) Uprate	Jun-27	Jun-27	3	Condition and Performance	Provisional	B in MTEP23	23910	\$ 10,300,000	Updated MTEP Appendix
Renewable Reinforcement Project	Dec-27	Dec-27	3	Reliability	Provisional	B in MTEP22	21905	\$ 50,000,000	No Update
South Beaver Dam – North Beaver Dam, 69kV (Y-59) Line Rebuild & OPGW	Dec-27	Dec-26	3	Condition and Performance	Planned	A in MTEP23	23904	\$ 11,200,000	No Update
Hillman – Darlington 138kV (X-14/X-101), Rebuild	Dec-28	Dec-28	3	Condition and Performance	Planned	A in MTEP18	4726	\$ 28,500,000	No Update
South Fond du Lac – Spring Brook 69kV (Y-133), Partial rebuild	Dec-30	Dec-32	3	Condition and Performance	Provisional	B in MTEP18	13739	\$ 17,000,000	Updated ISD
Walnut – Blount, new 69kV transmission line	Dec-31	Dec-31	3	Reliability	Provisional	B in MTEP21	1730	\$ 24,000,000	No Update
North Monroe – Verona 69 kV (Y-42), Partial Rebuild		Dec-27	3	Condition and Performance	Provisional	B in MTEP24	25001	\$ 43,200,000	No Update
North Lake Geneva – Walworth 69 kV (Y-41), Partial Rebuild & OPGW		Aug-28	3	Condition and Performance	Provisional	B in MTEP24	25002	\$ 14,000,000	Updated Project Name, Cost, and ISD
South Lake Geneva – North Lake Geneva 69 kV (Y-152), Rebuild & OPGW		Aug-27	3	Condition and Performance	Provisional	B in MTEP24	25004	\$ 11,000,000	Updated Project Name, Cost, and ISD
Gran Grae – Hillside 69 kV (Y-161), Rebuild		Dec-27	3	Condition and Performance	Provisional	B in MTEP24	25019	\$ 10,000,000	No Update
Rock River SS, Bus Rebuild		Jun-25	3	Condition and Performance	Planned	A in MTEP23	20201	\$ 847,000	Project Added
J1214 J1326 J1377 J1410 J1411 MPFCA Network Upgrades		May-25	3	G-T Interconnection	Planned	A in MTEP23	24841	\$ 1,279,961	No Update
J1304 J1305 J1460 MPFCA Network Upgrades		Dec-25	3	G-T Interconnection	Planned	A in MTEP23	24782	\$ 4,930,697	No Update
South Beaver Dam – North Beaver Dam (Y-59), 69kV, uprate		Mar-24	3	Reliability	Planned	A in MTEP20	14909	\$ 216,470	No Update

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Sun Prairie Area Reliability Project		Dec-28	3	Reliability	Provisional	B in MTEP24	25161	\$ 30,200,000	Project Added
Highland -- Hill Valley 138 kV, Construct New Line		May-28	3	Reliability	Provisional	B in MTEP24	25203	\$ 9,500,000	Project Added
Black Earth, DIC, Sub Expansion		Jun-26	3	T-D Interconnection	Provisional	B in MTEP24	25248	\$ 6,000,000	Project Added
Cuba City South, DIC, Sub Expansion		Dec-27	3	T-D Interconnection	Proposed	A in MTEP24	25220	\$ 10,700,000	Project Added
Union Townline, DIC, Sub Expansion		May-25	3	T-D Interconnection	Proposed	A in MTEP24	25226	\$ 7,000,000	Project Added
East Madison, DIC, New Substation		Dec-26	3	T-D Interconnection	Provisional	B in MTEP24	25087	\$ 14,000,000	Project Added
Madison Area Reactive Project		Dec-27	3	Reliability	Provisional	B in MTEP24	25103	\$ 6,500,000	Project Added
J1305 Norwegian Creek SS Network Upgrades and Interconnection Facilities		Nov-23	3	G-T Interconnection	Planned	A in MTEP23	25262	\$ 8,132,415	Project Added
LRTP-06: Tremval -- Rocky Run -- Columbia	Jun-29	Jun-29	1, 3	LRTP	Planned	A in MTEP21	23408	\$ 850,300,000	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 MTEP22 and prior are Certified in MISOs' Regional Plan for A projects (BOLDED), MTEP23 and future cycles are not yet certified at the time of publication.									