

Project Name	2021 Est. In-Service Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost	Explanation
Bain SS, Control House and Breaker Asset Renewal	2021	5	Condition and Performance	Planned	A in MTEP19	15932	\$ 6,400,000.00	
Burlington SS, Install 138kV Breakers	2021	5	Condition and Performance	Planned	A in MTEP17	12058	\$ 3,372,743.00	
Port Washington - Saukville 138kV (762), Rebuild to a double circuit	2021	5	Reliability	Planned	A in MTEP16	9986	\$ 21,000,000.00	
Tamarack SS, DIC, Replace Transformer	2021	5	T-D Interconnection	Planned	A in MTEP19	14906	\$ 2,000,000.00	In-Service
Barton - Auburn 138kV (9752), Partial Rebuild	2022	5	Condition and Performance	Planned	A in MTEP18	13743	\$ 7,050,000.00	
Range Line SW STA, Control House Replacement and Asset Renewal	2022	5	Condition and Performance	Planned	A in MTEP19	15928	\$ 9,400,000.00	
St. Lawrence - Barton 138kV (8032), Partial Rebuild	2022	5	Condition and Performance	Planned	A in MTEP18	13735	\$ 8,400,000.00	
Berryville SS Grounding System Upgrades	2022	5	G-T Interconnection	Planned	A in MTEP20	18985	\$ 328,807.00	
J850/J878 East Paris SS, new 345/138kV transformer	2022	5	G-T Interconnection	Planned	A in MTEP20	18985	\$ 24,972,611.00	
J878 Paris SS Generator Interconnection Facilities and Network Upgrades	2022	5	G-T Interconnection	Planned	A in MTEP20	19265	\$ 1,973,438.00	
Paris SS Grounding System Upgrades	2022	5	G-T Interconnection	Planned	A in MTEP20	19265	\$ 380,402.00	
Germandtown SS DIC, Install additional transformer	2022	5	T-D Interconnection	Planned	A in MTEP20	14907	\$ 1,018,596.00	Updated Cost
Summit - Cooney 138kV (6431), Rebuild	2023	5	Condition and Performance	Planned	A in MTEP19	15457	\$ 6,550,000.00	Updated Cost
Sussex to Bark River (46143/2661), 138kV, OPGW Installation	2023	5	Communication	Planned	A in MTEP21	19959	\$ 3,766,000.00	Expected MTEP21 Target A Approval
Kenosha SS, Breaker, Relay, RTU and Disconnect Asset Renewal	2023	5	Condition and Performance	Planned	A in MTEP19	14909	\$ 1,878,000.00	
Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal	2023	5	Condition and Performance / Reliability	Planned	A in MTEP20	16486	\$ 40,000,000.00	
Lincoln - 43rd Street Terminal 138 kV (5053), Replace with double circuit duct bank and XLPE cable	2024	5	Condition and Performance	Planned	A in MTEP21	18048	\$ 35,800,000.00	Provisional to Planned / Expected MTEP21 Target A Approval
Granville SS, Control House and Relay Replacement and Asset Renewal	2024	5	Condition and Performance / Reliability	Proposed	A in MTEP21	16490	\$ 28,950,000.00	Expected MTEP21 Target A Approval
Everett GIS Asset Renewal	2025	5	Condition and Performance	Provisional	B in MTEP22	21923	\$ 16,968,398.00	Target B in MTEP22
Norwich - Harbor 138kV, (893K11), underground line replacement	2025	5	Condition and Performance	Provisional	A in MTEP22	21926	\$ 37,000,000.00	Target A in MTEP22
Oak Creek, Racine SS and Remote Ends, Control Buildings and Relaying Asset Renewal	2025	5	Condition and Performance	Provisional	A in MTEP22	21629	\$ 20,900,000.00	Target A in MTEP22
Port Washington - Saukville 138 kV (X-132/X-133) partial rebuild	2025	5	Condition and Performance / Reliability	Provisional	A in MTEP22	21899	\$ 7,000,000.00	Target A in MTEP22
Branch SS, Relay Replacement and Asset Renewal	2025	5	Condition and Performance	Provisional	A in MTEP22	16766	\$ 825,000.00	
Distribution Interconnection Current Cycle	2021	various	T-D Interconnection	Planned	A in MTEP18	14904	\$ 6,436,258.00	
Small Capital Project and Asset Renewal Current Cycle	2022	various	Condition and Performance	Planned	A in MTEP18	13821	\$ 38,457,451.00	
Communication Reliability Upgrades 2019	2022	various	Communication	Planned	A in MTEP18	13829	\$ 1,422,500.00	
Small Capital Project and Asset Renewal 2019	2022	various	Condition and Performance	Planned	A in MTEP18	13822	\$ 8,007,814.00	
Line Clearance Mitigation Project 2019	2022	various	Line Clearance	Planned	A in MTEP18	13825	\$ 5,832,204.00	
Physical Security 2019	2022	various	Physical Security	Planned	A in MTEP18	13828	\$ 3,000,000.00	
Distribution Interconnection 2019	2022	various	T-D Interconnection	Planned	A in MTEP18	14905	\$ 10,570,000.00	
Communication Reliability Upgrades 2020	2023	various	Communication	Planned	A in MTEP19	14910	\$ 11,344,615.00	
Small Capital Project and Asset Renewal 2020	2023	various	Condition and Performance	Planned	A in MTEP19	14908	\$ 35,906,079.00	
Line Clearance Mitigation Project 2020	2023	various	Line Clearance	Planned	A in MTEP19	14912	\$ 12,062,247.00	
Physical Security 2020	2023	various	Physical Security	Planned	A in MTEP19	14914	\$ 21,603,965.00	
Load Interconnection 2020	2023	various	T-D Interconnection	Planned	A in MTEP19	14906	\$ 26,774,954.00	
Physical Security Current Cycle	2024	various	Physical Security	Planned	A in MTEP18	13826	\$ 67,198,396.00	
Communication Reliability Program 2021	2024	various	Communication	Planned	A in MTEP20	14911	\$ 10,927,208.00	
Small Capital Project and Asset Renewal Program 2021	2024	various	Condition and Performance	Planned	A in MTEP20	14909	\$ 38,913,412.00	
Line Clearance Mitigation Program 2021	2024	various	Line Clearance	Planned	A in MTEP20	14913	\$ 3,791,502.00	
Physical Security Program 2021	2024	various	Physical Security	Planned	A in MTEP20	14915	\$ 17,908,909.00	
Load Interconnection Program 2021	2024	various	T-D Interconnection	Planned	A in MTEP20	14907	\$ 20,124,594.00	
Communication Reliability Program 2022	2025	various	Communication	Planned	A in MTEP21	14965	\$ 19,252,066.00	Proposed to Planned/ Expected MTEP21 Target A Approval/ Updated Cost
Small Capital Project and Asset Renewal Program 2022	2025	various	Condition and Performance	Planned	A in MTEP21	14964	\$ 52,320,773.00	Proposed to Planned/ Expected MTEP21 Target A Approval/ Updated Cost
Line Clearance Mitigation Program 2022	2025	various	Line Clearance	Planned	A in MTEP21	14966	\$ 2,832,841.00	Proposed to Planned/ Expected MTEP21 Target A Approval/ Updated Cost
Physical Security Program 2022	2025	various	Physical Security	Planned	A in MTEP21	14967	\$ 11,797,871.00	Proposed to Planned/ Expected MTEP21 Target A Approval/ Updated Cost
Load Interconnection Program 2022	2025	various	T-D Interconnection	Planned	A in MTEP21	14968	\$ 27,586,994.00	Proposed to Planned/ Expected MTEP21 Target A Approval/ Updated Cost
Communication Reliability Program 2023	2026	various	Communication	Provisional	A in MTEP22	16767	\$ 7,000,000.00	Target A in MTEP22
Small Capital Project and Asset Renewal Program 2023	2026	various	Condition and Performance	Provisional	A in MTEP22	16766	\$ 65,000,000.00	Target A in MTEP22
Line Clearance Mitigation Program 2023	2026	various	Line Clearance	Provisional	A in MTEP22	16768	\$ 6,000,000.00	Target A in MTEP22
Physical Security Program 2023	2026	various	Physical Security	Provisional	A in MTEP22	16769	\$ 1,800,000.00	Target A in MTEP22
Load Interconnection Program 2023	2026	various	T-D Interconnection	Provisional	A in MTEP22	16770	\$ 37,000,000.00	Target A in MTEP22
LEGEND								
No Shading = No change to project since previous Assessment								
Green Shading = Project In-Service (Interim Updates Only)								
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 MTEP20 and prior are Certified in MISO's Regional Plan for A projects (BOLDED), MTEP21 and future cycles are not yet certified at the time of publication (10/2021).								