

ATC 2020 10-Year Assessment Zone 1 Project List

Project Name	2020 Estimated In-Service Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost
Hilltop SS, Install 69kV Breakers	2020	1	Condition and Performance	Planned	A in MTEP17	12031	\$ 1,000,000.00
Wild Rose - Harrison 69kV (Y-19), Partial Rebuild	2020	1	Condition and Performance	Planned	A in MTEP18	12147	\$ 14,400,000.00
Big Pond SS, Retire Substation	2020	1	Retirement	Planned	A in MTEP18	13831	\$ 454,000.00
Eagle River Cranberry SS, DIC, 2nd Transformer	2020	1	T-D Interconnection	Planned	A in MTEP19	14906	\$202,000.00
Homme SS, New DIC	2020	1	T-D Interconnection	Planned	A in MTEP18	13787	\$ 371,249.00
Lyndon Station SS, Replace Transformer and Substation Rebuild	2020	1	T-D Interconnection	Planned	A in MTEP18	14905	\$870,000.00
Caroline SS, Transformer (T31) 69kV Breaker and Relay Asset Renewals	2021	1	Condition and Performance	Planned	A in MTEP18	14986	\$ 4,488,625.00
Harrison North SS, Breaker Addition	2021	1	Condition and Performance	Planned	A in MTEP18	13821	\$2,000,000.00
Harrison SS, Install 69kV Breakers	2021	1	Condition and Performance	Planned	A in MTEP17	12051	\$ 2,700,000.00
Saratoga - Coyne 115kV (T-72), Rebuild	2021	1	Condition and Performance	Planned	A in MTEP17	12178	\$ 6,600,000.00
Whitcomb SS, Transformer (T31) 69kV Breaker Asset Renewals	2021	1	Condition and Performance	Planned	A in MTEP18	14987	\$ 5,469,503.00
J821 Zenith SS Generator Interconnection Facilities and Network Upgrades	2021	1	G-T Interconnection	Planned	A in MTEP20	18567	\$ 7,235,132.00
Waupaca Area Energy Storage Project	2021	1	Operational Flexibility	Planned	A in MTEP19	15947	\$ 8,071,000.00
Baker St SS, Add new 115-kV bus and bus tie breaker	2021	1	T-D Interconnection	Planned	A in MTEP17	12115	\$ 5,800,000.00
Birnamwood SS, DIC replace transformer and substation rebuild	2021	1	T-D Interconnection	Planned	A in MTEP18	15128	\$ 130,000.00
Pine SS, DIC, Transformer Replacement	2021	1	T-D Interconnection	Planned	A in MTEP20	14907	\$165,000.00
Petenwell - Saratoga 138kV (X-43), Line Rebuild	2022	1	Reliability, Economic	Planned	A in MTEP20	18017	\$ 24,500,000.00
Mudwater SS, DIC, New Substation	2022	1	T-D Interconnection	Planned	A in MTEP18	14906	\$391,500.00
Waupaca SS, DIC, transformer addition	2022	1	T-D Interconnection	Planned	A in MTEP20	18053	\$ 6,900,000.00
Chaffee Creek - Lincoln Pump Station 69kV (Y-18), Rebuild	2023	1	Condition and Performance	Planned	A in MTEP18	10486	\$ 9,600,000.00
Wautoma - Chaffee Creek 69kV (Y-49), Rebuild	2023	1	Condition and Performance	Planned	A in MTEP18	7764	\$ 14,500,000.00
Winneconne SS, Relay and Breaker Replacement	2023	1	Condition and Performance	Planned	A in MTEP18	13243	\$ 2,150,000.00
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	2023	1	G-T Interconnection	Planned	A in MTEP20	19729	\$ 21,245,605.00
Birnamwood SS, DIC new substation	2023	1	T-D Interconnection	Planned	A in MTEP18	15128	\$ 4,500,000.00
Petenwell - Council Creek (X-40), OPGW Installation	2024	1	Communication	Planned	A in MTEP21	19587	\$ 9,000,000.00
Lincoln Pump Station - McKenna 69kV (Y-145), Rebuild	2025	1	Condition and Performance	Planned	A in MTEP18	7765	\$ 9,000,000.00
McKenna - Castle Rock 69kV (Y-47), Rebuild	2025	1	Condition and Performance	Planned	A in MTEP18	7763	\$ 10,740,000.00
Weston - Sherman Street, 115kV line (Z-52), uprate	2023	1	Reliability	Proposed	A in MTEP20	14909	\$ 997,000.00
Maine - Hilltop 115kV line (U-11), uprate	2023	1	Reliability	Proposed	A in MTEP20	14909	\$ 835,000.00
Saratoga SS - Control House and Breaker Asset Renewal	2024	1	Condition and Performance	Proposed	B in MTEP21	19525	\$6,319,095.00
Venus SS, new inductor bank	2024	1	Reliability	Provisional	B in MTEP19	15945	\$ 1,800,000.00

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 MTEP19 and prior are Certified in MISOs' Regional Plan for A projects (**BOLDED**), MTEP20 and future cycles are not yet certified at the time of publication (9/2020).