

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
J928 - Garden Corners SS, GIC Network Upgrades	2020	2	G-T Interconnection	Planned	A in MTEP19	16494	\$ 304,855.00
North Lake - M-38 138kV (NLKG31), Rerate	2020	2	Line Clearance	Planned	A in MTEP18	15284	\$ 1,500,000.00
Mackinac - McGulpin 138kV (9901 and 9903), submarine cable replacement	2021	2	Condition and Performance	Planned	A in MTEP18	15145	\$ 105,000,000.00
Forsyth SS, DIC, Add 1st Transformer	2021	2	T-D Interconnection	Planned	A in MTEP18	14905	\$ 45,000.00
Garden Corners SS, DIC, add 1st Transformer	2021	2	T-D Interconnection	Planned	A in MTEP18	14904	\$ 1,900,000.00
Mackinac HVDC, System Control and Monitoring (SCM) Asset Renewal	2022	2	Condition and Performance	Planned	A in MTEP20	18020	\$ 6,200,000.00
NLKG31 Tap - Greenstone 138kV, construct new transmission line	2022	2	Condition and T-D Interconnection	Planned	A in MTEP19	15933	\$ 5,200,000.00
J849, Chandler SS, Interconnection Facilities and Network Upgrades	2022	2	G-T Interconnection	Planned	A in MTEP19	16492	\$ 3,036,785.00
Atlantic SS, 138/69kV Bus Reconfiguration and Transformer Addition	2022	2	Operational Flexibility and Condition and Performance	Planned	A in MTEP19	7586	\$ 11,600,000.00
Presque Isle - Tilden 138kV, Loop and Uprate	2022	2	Reliability	Planned	A in MTEP19	15345	\$ 15,300,000.00
Masonville SS, DIC, Substation Rebuild and Transformer Additions	2022	2	T-D Interconnection	Planned	A in MTEP19	14906	\$ 1,500,000.00
Tilden SS, Control House Replacement and Breaker & Relay Asset Renewal	2023	2	Condition and Performance	Planned	A in MTEP20	16488	\$ 5,880,000.00
Dead River SS - Control House and Breaker Replacement Asset Renewal	2024	2	Condition and Performance	Planned	A in MTEP21	19346	\$4,847,000.00
Central UP, new DIC	2023	2	T-D Interconnection	Proposed	A in MTEP18	15133	\$ 6,200,000.00
Eastern UP, new DIC	2023	2	T-D Interconnection	Proposed	A in MTEP18	15130	\$ 12,593,000.00
Winona - Atlantic 69kV (Winona69), rebuild	2024	2	Reliability	Proposed	A in MTEP20	4727	\$ 13,900,000.00
Keel Ridge SS, new DIC	2025	2	T-D Interconnection	Proposed	A in MTEP18	13792	\$ 2,600,000.00
9 mile SW STA – Portage (6901/6902), 69kV, Re-insulate	2023	2	Condition and Performance	Provisional	B in MTEP20	18049	\$ 3,000,000.00
Marquette County Reactive Power Project	2023	2	Reliability	Provisional	B in MTEP21	19965	\$ 8,000,000.00
Munising Area Reactive Power Project	2023	2	Reliability	Provisional	B in MTEP21	19966	\$ 5,000,000.00
Empire SS, Control House Replacement and Breaker & Relay Asset Renewal	2024	2	Condition and Performance	Provisional	A in MTEP21	16489	\$ 6,732,000.00
Forsyth - Gwinn 69kV, new line	2024	2	Operational Flexibility	Provisional	B in MTEP20	18018	\$ 4,000,000.00
9 Mile SW STA - Pine River 69kV (6921/23), Replace select poles , x-arms, re-insulate	2025	2	Condition and Performance	Provisional	B in MTEP19	16496	\$ 5,900,000.00
North Lake - Greenstone 69kV (NLKY11), Rebuild	2026	2	Condition and Performance	Provisional	--	--	\$ 14,000,000.00
Arnold SS, 80 MVAR Inductor Bank	2027	2	Reliability	Provisional	B in MTEP18	14187	\$ 6,300,000.00
Mass - Conover 69kV (6530), Replace select poles, reinsulate	2028	2	Condition and Performance	Provisional	B in MTEP19	16495	\$ 8,600,000.00

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).