

Project Name	2021 Est. In-Service Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost	Explanation
Cloverleaf SS, Replace Dead End and Switches	2021	4	Condition and Performance	Planned	<b>A in MTEP18</b>	13728	\$ 1,500,000.00	In-Service
Menominee SS, DIC, Retire Transformer	2021	4	T-D Interconnection	Planned	<b>A in MTEP20</b>	14905	\$ 340,000.00	
Shoto SS, Transformer (T1) and Breaker Asset Renewal	2021	4	Condition and Performance	Planned	<b>A in MTEP18</b>	14988	\$ 5,700,000.00	
20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks	2021	4	Reliability	Planned	<b>A in MTEP19</b>	14908	\$ 4,000,000.00	
Huebner SS, Install two 138kV 8.16 MVAR Capacitor Banks	2021	4	Reliability	Planned	<b>A in MTEP19</b>	14908	\$ 2,600,000.00	
Hwy V - Finger Rd 69kV (U-47), Rebuild	2021	4	Condition and Performance	Planned	<b>A in MTEP18</b>	12140	\$ 2,200,000.00	
Kewaunee SS, Retire Transformer	2022	4	Condition and Performance	Planned	<b>A in MTEP20</b>	14909	\$ 1,400,000.00	
Bayport - Pioneer 138kV, rebuild as a double-circuit	2022	4	Condition and Performance	Planned	<b>A in MTEP18</b>	14706	\$ 47,416,000.00	
Edgewater SS, Bus Reconfiguration	2022	4	Condition and Performance	Planned	<b>A in MTEP18</b>	13756	\$ 9,800,000.00	
Erdman SS, Transformer and Breaker Asset Renewal	2022	4	Condition and Performance	Planned	<b>A in MTEP19</b>	15931	\$ 1,751,729.00	
Finger Rd - Danz 69kV (L-64), Rebuild	2022	4	Condition and Performance	Planned	<b>A in MTEP18</b>	12141	\$ 6,000,000.00	
New Holstein - Custer 69kV (P-68), Rebuild	2022	4	Condition and Performance	Planned	<b>A in MTEP18</b>	7584	\$ 32,800,000.00	
Riverside SS, Bus Upgrade	2022	4	Reliability	Planned	<b>A in MTEP18</b>	13832	\$ 110,000.00	
Bayridge SS, new T-D Interconnection	2022	4	T-D Interconnection	Planned	<b>A in MTEP16</b>	10485	\$ 2,122,335.00	
Preble SS, DIC, add 4th transformer and substation rebuild	2022	4	T-D Interconnection	Planned	<b>A in MTEP20</b>	17628	\$ 3,498,694.00	
Howards Grove - Erdman 138kV, new line	2022	4	Reliability	Proposed	<b>A in MTEP20</b>	18568	\$ 25,606,000.00	
Butte Des Morts - Sunset Point 138kV, Rebuild	2023	4	Condition and Performance	Planned	<b>A in MTEP17</b>	12185	\$ 22,900,000.00	Updated Cost
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV	2023	4	Condition and Performance	Planned	<b>A in MTEP18</b>	14926	\$ 20,400,000.00	Updated ISY
Pulliam SS, Transformer Retirement and Bus Reconfiguration	2023	4	Condition and Performance	Planned	<b>A in MTEP20</b>	15930	\$ 4,000,000.00	
Stiles SS - West Marinette SS (M117/L142), OPGW Installation	2023	4	Communication	Planned	<b>A in MTEP19</b>	15936	\$ 5,600,000.00	
Danz Ave SW STA - University (WPS) 69kV (O-15), underground rebuild & OPGW	2023	4	Condition and Performance	Planned	<b>A in MTEP19</b>	15924	\$ 14,800,000.00	
Edgewater - Lodestar 138kV (X-48/Y-31), Underground cable rebuild	2023	4	Condition and Performance	Planned	<b>A in MTEP19</b>	15925	\$ 3,800,000.00	
Finger Road SW STA - Wesmark 69kV (FIRY11), Rebuild	2023	4	Condition and Performance	Planned	<b>A in MTEP18</b>	12134	\$ 14,400,000.00	
Glenview SS, Transformer Retirement and Breaker & Relay Asset Renewal	2023	4	Condition and Performance	Planned	<b>A in MTEP20</b>	18019	\$ 2,200,000.00	
East Krok - Beardsley, (EAKY11), 69kV, uprate	2023	4	Reliability	Planned	<b>A in MTEP21</b>	14964	\$ 2,300,000.00	Proposed to Planned / Expected MTEP21 Target A Approval
Lost Dauphin - Red Maple 138kV (Q-147), uprate	2023	4	Reliability	Planned	<b>A in MTEP21</b>	14964	\$ 635,000.00	Expected MTEP21 Target A Approval
12th Avenue SS, DIC, Transformer Replacement	2023	4	T-D Interconnection	Planned	<b>A in MTEP20</b>	14907	\$ 1,778,000.00	
Sheboygan County SS, DIC, substation rebuild	2023	4	T-D Interconnection	Planned	<b>A in MTEP20</b>	18051	\$ 6,200,000.00	
J1101 Kewaunee SS Network Upgrades and Interconnection Facilities	2023	4	G-T Interconnection	Planned	<b>A in MTEP22</b>	22049	\$ 155,000.00	Target A in MTEP22
Highway V - Preble 138 kV (X-154), reconductor	2023	4	Reliability	Planned	<b>A in MTEP21</b>	20785	\$ 1,777,603.00	Proposed to Planned / Expected MTEP21 Target A Approval
Sunset Point - Bowen Street (E-5), 69kV, Uprate	2023	4	Reliability	Planned	<b>A in MTEP21</b>	14964	\$ 699,055.00	Proposed to Planned / Expected MTEP21 Target A Approval
Wells St. DIC - new West Marinette-Wells St. 69 kV line	2023	4	T-D Interconnection	Proposed	<b>A in MTEP21</b>	19961	\$ 25,100,000.00	Expected MTEP21 Target A Approval / Updated Cost
Northview SS DIC New Substation	2023	4	T-D Interconnection	Planned	<b>A in MTEP22</b>	16770	\$ 974,000.00	
Anderson Creek SS, DIC New SS	2023	4	T-D Interconnection	Planned	<b>A in MTEP21</b>	14968	\$ 2,967,000.00	
Wesmark SS, Relay and Breakers	2024	4	Condition and Performance	Planned	<b>A in MTEP18</b>	13747	\$ 811,572.00	
Henry St. SS, DIC, Retire Substation	2024	4	T-D Interconnection	Planned	<b>A in MTEP20</b>	14907	\$ 96,000.00	
Crivitz SS - Transformer Replacement and Asset Renewal	2024	4	Condition and Performance	Planned	<b>A in MTEP21</b>	19705	\$ 4,599,154.00	Expected MTEP21 Target A Approval
North Appleton SS - Transformer Replacement and Asset Renewal	2024	4	Condition and Performance	Planned	<b>A in MTEP21</b>	19706	\$ 7,938,249.00	Expected MTEP21 Target A Approval
Wesmark - Rapids 69kV (R-44), Rebuild	2024	4	Condition and Performance	Planned	<b>A in MTEP18</b>	12135	\$ 21,500,000.00	
Eaton SS, new T-D Interconnection	2024	4	T-D Interconnection	Planned	<b>A in MTEP16</b>	10484	\$ 2,500,000.00	
Tower Dr - Pulliam (P-16/R-70), Partial Rebuild	2024	4	Condition and Performance	Planned	<b>A in MTEP22</b>	21348	\$ 4,100,000.00	Target A in MTEP22
Edgewater SS, DIC, replace transformer and substation rebuild	2025	4	T-D Interconnection	Planned	<b>A in MTEP18</b>	15126	\$ 5,100,000.00	
Oak St - Hwy V 69kV (Z-26), Rebuild	2025	4	Condition and Performance	Planned	<b>A in MTEP18</b>	12137	\$ 9,000,000.00	
Plymouth #5 - New DIC	2025	4	T-D Interconnection	Provisional	<b>A in MTEP22</b>	21925	\$ 21,500,000.00	Target A in MTEP22
Fitzgerald SS - Transformer and Breaker Asset Renewal	2025	4	Condition and Performance	Provisional	<b>A in MTEP22</b>	21915	\$ 7,897,437.00	Target A in MTEP22
West Marinette SS - Transformer and Breaker Asset Renewal	2025	4	Condition and Performance	Provisional	<b>B in MTEP22</b>	21917	\$ 6,620,408.00	Target B in MTEP22
New Holstein Area Reliability Project	2025	4	Reliability	Provisional	<b>B in MTEP22</b>	21900	\$ 10,000,000.00	Target B in MTEP22
Distribution Interconnection Current Cycle	2021	various	T-D Interconnection	Planned	<b>A in MTEP18</b>	14904	\$ 6,436,258.00	
Small Capital Project and Asset Renewal Current Cycle	2022	various	Condition and Performance	Planned	<b>A in MTEP18</b>	13821	\$ 38,457,451.00	
Communication Reliability Upgrades 2019	2022	various	Communication	Planned	<b>A in MTEP18</b>	13829	\$ 1,422,500.00	
Small Capital Project and Asset Renewal 2019	2022	various	Condition and Performance	Planned	<b>A in MTEP18</b>	13822	\$ 8,007,814.00	
Line Clearance Mitigation Project 2019	2022	various	Line Clearance	Planned	<b>A in MTEP18</b>	13825	\$ 5,832,204.00	
Physical Security 2019	2022	various	Physical Security	Planned	<b>A in MTEP18</b>	13828	\$ 3,000,000.00	
Distribution Interconnection 2019	2022	various	T-D Interconnection	Planned	<b>A in MTEP18</b>	14905	\$ 10,570,000.00	
Communication Reliability Upgrades 2020	2023	various	Communication	Planned	<b>A in MTEP19</b>	14910	\$ 11,344,615.00	
Small Capital Project and Asset Renewal 2020	2023	various	Condition and Performance	Planned	<b>A in MTEP19</b>	14908	\$ 35,906,079.00	
Line Clearance Mitigation Project 2020	2023	various	Line Clearance	Planned	<b>A in MTEP19</b>	14912	\$ 12,062,247.00	
Physical Security 2020	2023	various	Physical Security	Planned	<b>A in MTEP19</b>	14914	\$ 21,603,965.00	
Load Interconnection 2020	2023	various	T-D Interconnection	Planned	<b>A in MTEP19</b>	14906	\$ 26,774,954.00	
Physical Security Current Cycle	2024	various	Physical Security	Planned	<b>A in MTEP18</b>	13826	\$ 67,198,396.00	
Communication Reliability Program 2021	2024	various	Communication	Planned	<b>A in MTEP20</b>	14911	\$ 10,927,208.00	
Small Capital Project and Asset Renewal Program 2021	2024	various	Condition and Performance	Planned	<b>A in MTEP20</b>	14909	\$ 38,913,412.00	
Line Clearance Mitigation Program 2021	2024	various	Line Clearance	Planned	<b>A in MTEP20</b>	14913	\$ 3,791,502.00	
Physical Security Program 2021	2024	various	Physical Security	Planned	<b>A in MTEP20</b>	14915	\$ 17,908,909.00	
Load Interconnection Program 2021	2024	various	T-D Interconnection	Planned	<b>A in MTEP20</b>	14907	\$ 20,124,594.00	

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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
<b>LEGEND</b>								
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								
<b>COMMONLY USED DEFINITIONS</b>								
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 MISOs' Regional Plan for A projects (BOLDED), MTEP21 and future cycles are not yet certified at the time of publication (10/2021).								