

ATC 2019 10-Year Assessment Zone 4 Project List

	A	B	C	D	E	F	G	H	I	J
1	Project Name	2019 TYA Model Need Year	Estimated In-Service Year	ZONE	Need Category	Planning Event	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost
2	Forest Junction SS, Install 25 MVAR Inductor	2020	2019	4	Reliability	system intact P0	Planned	A in MTEP17	7581	\$ 1,800,000.00
3	30th Avenue SS, DIC, replace transformer	2021	2020	4	T-D Interconnection		Planned	A in MTEP18	14905	\$ 2,200,000.00
4	Caldron Falls - Goodman 69kV (J-88), Rebuild		2020	4	Condition and Performance		Planned	A in MTEP16	9977	\$ 25,206,000.00
5	Cedar Ridge Wind Generation - Mullet River 138kV (X-97), Rebuild		2020	4	Condition and Performance		Planned	A in MTEP17	12148	\$ 22,800,000.00
6	Edgewater SS - Erdmann SS 69kV (Y-31), rerate	2020	2020	4	Reliability	prior + P1.2	Planned	A in MTEP18	13824	\$ 2,000,000.00
7	Finger Road - Canal 69kV (J-10), Rebuild		2020	4	Condition and Performance		Planned	A in MTEP16	8841	\$ 56,639,999.00
8	Ogden St SS, Network Project: Ogden St - Bayshore 69kV Line Construction	2021	2020	4	T-D Interconnection		Planned	A in MTEP15	4732	\$ 10,400,000.00
9	Packaging SS, new DIC	2020	2020	4	T-D Interconnection		Planned	A in MTEP18	15132	\$ 6,500,000.00
10	Pulliam SS, Install redundant bus differential	2019	2020	4	Reliability	stability P5.5	Planned	A in MTEP18	13727	\$ 1,900,000.00
11	Redwood - First Ave 69kV (T-46), Replace the submarine cable		2020	4	Condition and Performance		Planned	A in MTEP18	8444	\$ 11,300,000.00
12	Butte Des Morts - Sunset Point 138kV, Rebuild		2021	4	Condition and Performance		Planned	A in MTEP17	12185	\$ 20,600,000.00
13	Cloverleaf SS, Replace Dead End and Switches		2021	4	Condition and Performance		Planned	A in MTEP18	13728	\$ 1,062,784.00
14	Erdman SS, Transformer and Breaker Asset Renewal		2021	4	Condition and Performance		Planned	A in MTEP19	15931	\$ 7,000,000.00
15	J505 GIC Apollo SS, Generator Interconnection and Network Facilities	2021	2021	4	G-T Interconnection		Planned	A in MTEP18	14925	\$ 8,300,000.00
16	Maes - Lake Park (20341), Add OPGW		2021	4	Communication		Planned	A in MTEP19	14910	\$ 1,200,000.00
17	Shoto SS, Transformer (T1) and Breaker Asset Renewal		2021	4	Condition and Performance		Planned	A in MTEP18	14988	\$ 5,700,000.00
18	East Krok SS - Kewaunee SS (F-84), OPGW Installation		2022	4	Communication		Planned	A in MTEP20	14911	\$ 1,560,000.00
19	Edgewater SS, Bus Reconfiguration		2022	4	Condition and Performance		Planned	A in MTEP18	13756	\$ 9,800,000.00
20	Finger Rd - Danz 69kV (L-64), Rebuild		2022	4	Condition and Performance		Planned	A in MTEP18	12141	\$ 4,230,000.00
21	Hwy V - Finger Rd 69kV (U-47), Rebuild		2022	4	Condition and Performance		Planned	A in MTEP18	12140	\$ 1,520,000.00
22	New Holstein - Custer 69kV (P-68), Rebuild		2022	4	Condition and Performance		Planned	A in MTEP18	7584	\$ 27,000,000.00
23	Riverside SS, Bus Uprate	2022	2022	4	Reliability	prior + P1	Planned	A in MTEP18	13832	\$ 80,000.00
24	Wesmark SS, Relay and Breakers		2022	4	Condition and Performance		Planned	A in MTEP18	13747	\$ 811,572.00
25	Finger Road SW STA - Wesmark 69kV (FIRY11), Rebuild		2023	4	Condition and Performance		Planned	A in MTEP18	12134	\$ 14,400,000.00
26	Glenview SS, Transformer Retirement and Breaker & Relay Asset Renewal		2023	4	Condition and Performance		Planned	A in MTEP20	18019	\$ 4,799,000.00
27	Morgan SS, Breaker Asset Renewal and Facility Upgrades		2023	4	Condition and Performance		Planned	A in MTEP20	16606	\$ 5,000,000.00
28	Stiles SS - West Marinette SS (M117/L142), OPGW Installation		2023	4	Communication		Planned	A in MTEP19	15936	\$ 5,275,932.00
29	Wesmark - Rapids 69kV (R-44), Rebuild		2024	4	Condition and Performance		Planned	A in MTEP18	12135	\$ 21,500,000.00
30	Bayridge SS, new T-D Interconnection	2024	2025	4	T-D Interconnection		Planned	A in MTEP16	10485	\$ 2,000,000.00
31	Oak St - Hwy V 69kV (Z-26), Rebuild		2025	4	Condition and Performance		Planned	A in MTEP18	12137	\$ 9,000,000.00
32	Ellinwood SS, Upgrade 138kV Bus	2019	2019	4	Reliability	prior + P1	Proposed	A in MTEP17	12103	\$ 2,400,000.00
33	New Holstein SS, Install 69kV Breaker		2019	4	Condition and Performance		Proposed	A in MTEP18	13791	\$ 537,221.00
34	20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks	2019	2020	4	Reliability	prior + P1.2	Planned	A in MTEP19	14908	\$ 2,500,000.00
35	Forest Junction SS, Relieve Market Congestion	2018	2020	4	Economic	prior + P1.2	Proposed	A in MTEP18	16164	\$ 1,300,000.00
36	J886 GIC Kewaunee SS, Interconnection Facilities and Network Upgrades	2020	2020	4	G-T Interconnection		Proposed	B in MTEP20	17526	\$ 2,300,000.00
37	Manrap SS, Install 69kV Breakers		2020	4	Condition and Performance		Proposed	A in MTEP17	12184	\$ 1,336,964.00
38	Bayport SS - Pioneer SS 138kV, rebuild as a double-circuit	2021	2021	4	Condition and Performance		Proposed	A in MTEP18	14706	\$ 51,700,000.00
39	Huebner SS, Install two 138kV 8.16 MVAR Capacitor Banks	2019	2021	4	Reliability	prior + P1.2	Planned	A in MTEP19	14908	\$ 2,400,000.00
40	Eaton SS, new T-D Interconnection	2022	2022	4	T-D Interconnection		Proposed	A in MTEP16	10484	\$ 2,500,000.00
41	Edgewater SS - Lodestar SS 138kV (X-48/Y-31), Underground cable rebuild		2022	4	Condition and Performance		Planned	A in MTEP19	15925	\$ 11,400,000.00
42	Pioneer SS - Crivitz SS 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV	2022	2022	4	Condition and Performance		Proposed	A in MTEP18	14926	\$ 20,400,000.00
43	Preble SS, DIC, add 4th transformer and substation rebuild	2022	2022	4	T-D Interconnection		Proposed	A in MTEP20	17628	\$ 3,498,694.00
44	Pulliam SS, Transformer Retirement and Bus Reconfiguration		2022	4	Condition and Performance		Proposed	A in MTEP20	15930	\$ 3,260,000.00
45	Roosevelt SS, Construct	2022	2022	4	T-D Interconnection		Proposed	A in MTEP16	10686	\$ 1,102,365.00
46	Danz Ave SW STA - University (WPS) 69kV (O-15), underground rebuild & OPGW		2023	4	Condition and Performance		Planned	A in MTEP19	15924	\$ 14,800,000.00

	A	B	C	D	E	F	G	H	I	J
1	Project Name	2019 TYA Model Need Year	Estimated In-Service Year	ZONE	Need Category	Planning Event	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost
47	Edgewater SS, DIC, replace transformer and substation rebuild	2023	2023	4	T-D Interconnection		Proposed	A in MTEP18	15126	\$ 3,000,000.00
48	Sheboygan County SS, DIC, substation rebuild	2022	2022	4	T-D Interconnection		Provisional	B in MTEP20	18051	\$ 8,000,000.00
49	East Krok SS, Replace T1 Transformer		2025	4	Condition and Performance		Provisional	--	--	< \$10,000,000
50	Howards Grove SS - Erdman SS 138kV, new line		2026	4	Reliability	P6	Provisional	--	--	\$ 25,000,000.00
51										
52	Legend									
53	No Shading = No change to project since previous Assessment									
54	Orange Shading = new project, was not in previous Assessment project list									
55	Gray Shading = some change (e.g. In-service year or scope) since previous Assessment									
56	MISO MTEP Appendix - Indicates MTEP Cycle, Cycles MTEP18 and prior are Certified in MISOs' Regional Plan for A projects (BOLDED), MTEP19 and future cycles are not yet certified at the time of publication (10/2019).									
57										