

ATC 2019 10-Year Assessment Network 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	Hancock SS, Replace Transformers	2019	2019	1	T-D Interconnection		Planned	A in MTEP18	13774	\$ 4,700,000.00
3	Stratford SS, DIC add 2nd transformer and substation rebuild	2019	2019	1	T-D Interconnection		Planned	A in MTEP18	15044	\$ 3,700,000.00
4	Big Pond SS, Retire Substation	2020	2020	1	Retirement		Planned	A in MTEP18	13831	\$ 500,000.00
5	Venus SS, Capacitor Bank Retirement	2020	2020	1	Retirement		Planned	A in MTEP18	14806	\$ 100,000.00
6	Homme SS, New DIC	2020	2020	1	T-D Interconnection		Proposed	A in MTEP18	13787	\$ 371,249.00
7	Baker St SS, Add new 115-kV bus and bus tie breaker	2020	2021	1	T-D Interconnection		Proposed	A in MTEP17	12115	\$ 4,400,000.00
8	Waupaca Area Energy Storage Project	2020	2021	1	Operational Flexibility	prior + P1.2	Proposed	A in MTEP19	15947	\$ 8,071,000.00
9	Petenwell - Saratoga 138kV (X-43), Line Rebuild		2022	1	Reliability, Economic		Proposed	A in MTEP20	18017	\$ 20,026,000.00
10	Birnamwood SS, DIC replace transformer and substation rebuild	2021	2023	1	T-D Interconnection		Proposed	A in MTEP18	15128	\$ 4,500,000.00
11	Waupaca SS, DIC, transformer addition	2021	2021	1	T-D Interconnection		Provisional	B in MTEP20	18053	\$ 6,000,000.00
12	Venus SS, new inductor bank	2022	2025	1	Reliability	P0	Provisional	B in MTEP19	15945	\$ 1,800,000.00
13	M-38 SS, New 138kV Inductor Bank	2019	2019	2	Reliability	P0	Planned	A in MTEP18	14185	\$ 4,100,000.00
14	Silver River SS, New 138kV Inductor Bank	2019	2019	2	Reliability	P0	Planned	A in MTEP18	14185	\$ 4,100,000.00
15	Atlantic SS, 138/69kV Bus Reconfiguration and Transformer Addition	2020	2022	2	Operational Flexibility	P5	Planned	A in MTEP19	7586	\$ 6,600,000.00
16	Presque Isle - Tilden 138kV, Loop and Uprate	2020	2022	2	Reliability	prior + P1.2	Planned	A in MTEP19	15345	\$ 13,100,000.00
17	J928/J849 Indian Lake , Common Use Upgrades	2019	2019	2	G-T Interconnection		Planned	A in MTEP19	17064	\$ 200,000.00
18	J928 - Garden Corners SS, GIC Network Upgrades	2019	2020	2	G-T Interconnection		Planned	A in MTEP19	16494	\$ 300,000.00
19	Central UP, new DIC	2019	2021	2	T-D Interconnection		Proposed	A in MTEP18	15133	\$ 6,200,000.00
20	Eastern UP, new DIC	2021	2022	2	T-D Interconnection		Proposed	A in MTEP18	15130	\$ 12,600,000.00
21	J849, Chandler SS, Interconnection Facilities and Network Upgrades	2022	2022	2	G-T Interconnection		Planned	A in MTEP19	16492	\$ 3,036,785.00
22	NLKG31 Tap - Greenstone 138kV, construct new transmission line	2022	2022	2	Condition and T-D Interconnection		Proposed	A in MTEP19	15933	\$ 5,200,000.00
23	Keel Ridge SS, new DIC	2025	2024	2	T-D Interconnection		Proposed	A in MTEP18	13792	\$ 2,600,000.00
24	Arnold SS, 80 MVAR Inductor Bank	2022	2022	2	Reliability	P0	Provisional	B in MTEP18	14187	< 10 M
25	Forsyth SS - Gwinn SS 69kV, new line		2023	2	Operational Flexibility		Provisional	B in MTEP20	18018	\$ 4,000,000.00
26	Winona - Atlantic 69kV (Winona69), rebuild	2022	2025	2	Reliability	P6	Provisional	A in MTEP20	4727	\$ 30,400,000.00
27	Huiskamp SS - Waunakee SS (Y-132), Switch Replacement	2019	2019	3	Reliability	P6	Planned	A in MTEP18	13824	\$ 288,500.00
28	Spring Valley SS - North Lake Geneva SS 138kV, Construct	2019	2019	3	T-D Interconnection, Reliability	P1.2	Planned	A in MTEP14	3808	\$ 70,500,000.00
29	Dam Heights SS, DIC and new radial line	2020	2020	3	T-D Interconnection		Planned	A in MTEP18	15045	\$ 3,300,000.00
30	Koshkonong SS, new DIC	2019	2020	3	T-D Interconnection		Planned	A in MTEP18	14905	\$ 1,000,000.00
31	Muscoda SS, DIC add 2nd transformer and substation rebuild	2020	2020	3	T-D Interconnection		Planned	A in MTEP18	15124	\$ 3,300,000.00
32	Portage - Trienda 138kV (X-67), uprate	2022	2020	3	Reliability	P1.2	Planned	A in MTEP14	1624	\$ 2,000,000.00
33	Milton Lawns SS, DIC add 2nd transformer and line breakers	2020	2021	3	T-D Interconnection		Planned	A in MTEP18	15131	\$ 3,000,000.00
34	Cardinal SS - Hickory Creek SS 345kV, Line Construction	2023	2023	3	Reliability, Economic and Policy		Planned	A in MTEP11	3127	\$ 492,200,000.00
35	J870/J871 GIC Highland, Generator Interconnection Facilities and Network Upgrades	2020	2020	3	G-T Interconnection		Proposed	B in MTEP20	17525	\$ 2,300,000.00
36	J584 GIC Jordan SS, Generator Interconnection Facilities and Network Upgrades Information	2021	2021	3	G-T Interconnection		Planned	A in MTEP19	16493	\$ 6,200,000.00
37	Northern Lights Substation, new T-D Interconnection	2020	2021	3	T-D Interconnection		Proposed	A in MTEP17	12346	\$ 26,000,000.00
38	Portage Industrial Park SS, DIC, replace transformers and substation rebuild	2021	2021	3	T-D Interconnection		Proposed	A in MTEP18	15127	\$ 3,000,000.00
39	Green County, new DIC	2021	2022	3	T-D Interconnection		Proposed	A in MTEP18	15129	\$ 4,500,000.00
40	West Middleton SS - Stagecoach SS 69kV (6927), Partial Rebuild	2023	2023	3	Reliability	P1.2, P1.3	Proposed	A in MTEP20	12175	\$ 2,800,000.00
41	Portage SS - Columbia SS 138kV (X-13/X-20), rebuild existing double circuit	2024	2024	3	Reliability	P1.2	Planned	A in MTEP19	4730	\$ 10,000,000.00
42	Barneveld SS, DIC, new substation	2023	2023	3	T-D Interconnection		Provisional	B in MTEP20	18052	\$ 6,000,000.00
43	Gran Grae SS, Install a second 161/69kV transformer	>2029	2026	3	Reliability	P1.3	Provisional	--	--	\$ 8,200,000.00
44	Cardinal SS - Blount SS 138kV, construct	>2029	2031	3	Reliability	P6	Provisional	C	1730	\$ 109,000,000.00

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45	Forest Junction SS, Install 25 MVAR Inductor	2020	2019	4	Reliability	system intact P0	Planned	A in MTEP17	7581	\$ 1,800,000.00
46	30th Avenue SS, DIC, replace transformer	2021	2020	4	T-D Interconnection		Planned	A in MTEP18	14905	\$ 2,200,000.00
47	Edgewater SS - Erdmann SS 69kV (Y-31), rerate	2020	2020	4	Reliability	prior + P1.2	Planned	A in MTEP18	13824	\$ 2,000,000.00
48	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
49	Packaging SS, new DIC	2020	2020	4	T-D Interconnection		Planned	A in MTEP18	15132	\$ 6,500,000.00
50	Pulliam SS, Install redundant bus differential	2019	2020	4	Reliability	stability P5.5	Planned	A in MTEP18	13727	\$ 1,900,000.00
51	J505 GIC Apollo SS, Generator Interconnection and Network Facilities	2021	2021	4	G-T Interconnection		Planned	A in MTEP18	14925	\$ 8,300,000.00
52	Riverside SS, Bus Uprate	2022	2022	4	Reliability	prior + P1	Planned	A in MTEP18	13832	\$ 80,000.00
53	Bayridge SS, new T-D Interconnection	2024	2025	4	T-D Interconnection		Planned	A in MTEP16	10485	\$ 2,000,000.00
54	Ellinwood SS, Upgrade 138kV Bus	2019	2019	4	Reliability	prior + P1	Proposed	A in MTEP17	12103	\$ 2,400,000.00
55	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
56	Forest Junction SS, Relieve Market Congestion	2018	2020	4	Economic	prior + P1.2	Proposed	A in MTEP18	16164	\$ 1,300,000.00
57	J886 GIC Kewaunee SS, Interconnection Facilities and Network Upgrades	2020	2020	4	G-T Interconnection		Proposed	B in MTEP20	17526	\$ 2,300,000.00
58	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
59	Eaton SS, new T-D Interconnection	2022	2022	4	T-D Interconnection		Proposed	A in MTEP16	10484	\$ 2,500,000.00
60	Preble SS, DIC, add 4th transformer and substation rebuild	2022	2022	4	T-D Interconnection		Proposed	A in MTEP20	17628	\$ 3,498,694.00
61	Roosevelt SS, Construct	2022	2022	4	T-D Interconnection		Proposed	A in MTEP16	10686	\$ 1,102,365.00
62	Edgewater SS, DIC, replace transformer and substation rebuild	2023	2023	4	T-D Interconnection		Proposed	A in MTEP18	15126	\$ 3,000,000.00
63	Sheboygan County SS, DIC, substation rebuild	2022	2022	4	T-D Interconnection		Provisional	B in MTEP20	18051	\$ 8,000,000.00
64	Howards Grove SS - Erdman SS 138kV, new line		2026	4	Reliability	P6	Provisional	--	--	\$ 25,000,000.00
65	Lincoln SS, Bus Reconfiguration	2019	2019	5	Reliability	prior + P1.2	Planned	A in MTEP18	13738	\$ 4,100,000.00
66	Mount Pleasant Tech Interconnection	2019	2019	5	T-D Interconnection		Planned	A in MTEP18	14073	\$ 117,000,000.00
67	Arcadian SS, Construct D-T	2019	2020	5	T-D Interconnection		Planned	A in MTEP17	13067	\$ 300,000.00
68	Juneautown SS, new T-D Interconnection	2020	2020	5	T-D Interconnection		Planned	A in MTEP18	13104	\$ 34,600,000.00
69	State Line SS, new DIC	2019	2020	5	T-D Interconnection		Planned	A in MTEP18	14604	\$ 8,200,000.00
70	Port Washington SS - Saukville SS 138kV (762), Rebuild to a double circuit	2021	2021	5	Reliability	P2.4, P7.1	Planned	A in MTEP16	9986	\$ 16,000,000.00
71	Arcadian SS, Install redundant bus differentials on 345-kV and 138-kV buses	2023	2023	5	Reliability	stability E2.D	Planned	A in MTEP20	16486	\$ 600,000.00
72	Granville SS, Install redundant bus differentials on 345-kV and 138-kV buses	2023	2024	5	Reliability	stability E2.D	Provisional	B in MTEP19	16490	\$ 600,000.00
73	Distribution Interconnection Current Cycle	2021	2021	various	T-D Interconnection		Planned	A in MTEP18	14904	\$ 6,436,258.00
74	Distribution Interconnection 2019	2022	2022	various	T-D Interconnection		Planned	A in MTEP18	14905	\$ 10,570,000.00
75	Load Interconnection 2020	2020	2023	various	T-D Interconnection		Planned	A in MTEP19	14906	\$ 26,774,954.00
76	Load Interconnection 2021	2024	2024	various	T-D Interconnection		Proposed	B in MTEP18	14907	\$ 20,934,210.00
77	Load Interconnection 2022	2025	2025	various	T-D Interconnection		Proposed	B in MTEP18	14968	\$ 38,475,000.00
78										
79	Legend									
80	No Shading = No change to project since previous Assessment									
81	Orange Shading = new project, was not in previous Assessment project list									
82	Gray Shading = some change (e.g. In-service year or scope) since previous Assessment									
83	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).									
84										