

2016 TYA Preliminary Asset Renewal Solutions

	A	B	C	D	E	F
1	Asset Renewal Need	2016 TYA Preliminary Projected In-Service Year	Planning Zone	MISO MTEP Appendix Status	MTEP PRJID	Scope
2	9 Mile 69-kV Bus	2018	2	--	--	Add MOD
3	Waupun 69-kV Bus	2018	3	target A 17	--	Add line terminal
4	Ohmstead to Cedar Ridge Wind 138-kV	2019	4	target A 17	--	Rebuild
5	Cedar Ridge Wind to Mullet River 138-kV	2019	4	target A 17	--	Rebuild
6	Whitcomb 115/69-kV T31	2020	1	target B 17	--	Replacement
7	Caroline 115/69-kV T31	2020	1	target B 17	--	Replacement
8	Academy to North Randolph 138-kV	2021	3	--	--	Reinsulate
9	Chandler to Delta 69-kV	2023	2	--	--	Replace select poles and reinsulate
10	Gwinn to KI Sawyer 69-kV	2023	2	--	--	Reinsulate
11	9 Mile to Pine River 69-kV	2025	2	--	--	Reinsulate and replace select poles and crossarms
12	Blaney Park to Michigan Limestone Quarry Tap 69-kV	2025	2	--	--	Reinsulate and replace select poles and crossarms
13	Mukwanago to Whitewater 138-kV	2025	5	--	--	Rebuild
14	Lone Rock 69-kV Phase Shifter	2026	3	--	--	Retire
15	North Appleton to Butte des Morts 138-kV	2016	4	A	4051	Rebuild
16	Gwinn to Munising 69-kV	2017	2	--	--	Reinsulate, add arresters, and replace select poles
17	Plover to Whiting Ave 115-kV	2018	1	targeted A 16	9423	Rebuild
18	Erdman 138/69-kV T31	2018	4	targeted A 16	9944	Replacement
19	Lost Dauphin 138/69-kV T1	2018	4	targeted A 16	9954	Replacement
20	Nelson Dewey 138/69 kV T31 & T32	2019	3	targeted A 16	9961	Replace T31; Retire T32
21	Racine 345-kV Bus	2019	5	targeted A 16	9991	Bus reconfigure
22	Edgewood to St. Martins 138-kV	2019	5	A	3510	Rebuild
23	Mukwonago to Edgewood 138-kV	2019	5	A	3510	Rebuild and breaker addition
24	Sheepskin to Stoughton 69-kV	2020	3	B, target A 17	7600	Rebuild
25	Edgewater 345-kV Bus	2020	4	targeted A 16	--	Bus reconfigure
26	Finger Road to Canal 69-kV	2021	4	targeted A 16	8841	Rebuild
27	South Beaver Dam to Horicon 69-kV	2024	3	--	--	Rebuild
28	Mass to Conover 69-kV	2025	2	--	--	Replace select poles and reinsulate
29	Montello to Wautoma 69-kV	2016	1	A	4711	Rebuild
30	Dyckesville to Sawyer 69-kV	2016	4	A	3430	Rebuild
31	Arnott 138/69-kV T31	2016	1	targeted A 16	8442	Replacement
32	Munising to Blaney Park 69-kV	2017	2	A	3096	Partial rebuild
33	9 Mile to Detour 69-kV	2017	2	targeted A 16	10404	Partial rebuild
34	Dam Heights to Portage 69-kV	2017	3	A	3813	Rebuild
35	Kegonsa to Sun Prairie 69-kV	2017	3	targeted A 16	10403	Partial rebuild
36	East Krok 138/69-kV T1	2017	4	targeted A 16	9958	Replacement

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37	Hiawatha to Pine River 69-kV	2018	2	--	--	Replace select poles and cross arms
38	Rocky Run to North Point 115-kV	2019	1	--	--	Partial Rebuild
39	Boscobel to Lone Rock 69-kV	2019	3	targeted A 16	7583	Rebuild
40	Portage to Staff 138-kV	2019	3	targeted B 16	9968	Partial rebuild
41	Staff to North Randolph 138-kV	2019	3	targeted B 16	9974	Partial rebuild
42	Caldron Falls to Goodman 69-kV	2019	4	targeted A 16	9977	Rebuild
43	Pulliam to Howard 138-kV	2019	4	--	--	Replace select poles
44	Rocky Run 345/115-kV T1, T2, & T4	2019	1	targeted A 16	8443	Replacement
45	Saratoga to Coyne 115-kV	2020	1	target A 17	--	Rebuild
46	Petenwell to Saratoga 115-kV	2020	1	--	--	Replace select poles
47	Coyne to Plover 115-kV	2020	1	--	--	Replace select poles
48	Wild Rose Pumping Station SW Str to Harrison 69-kV	2020	1	target B 17	--	Rebuild
49	Dane to Waunakee 69-kV	2020	3	target A 17	--	Rebuild
50	Redwood to First Ave 69-kV	2020	4	target B 17	--	Replace underground cable
51	Wautoma to Chaffee Creek 69-kV	2021	1	B	7764	Rebuild
52	Lincoln Pump Station to Chaffee Creek 69-kV	2021	1	targeted B 16	10486	Rebuild
53	West Wisconsin Rapids to Sigel 69-kV	2021	1	B	8263	Rebuild
54	Butte des Morts to Neevin 138-kV	2021	4	target A 17	--	Rebuild
55	Woodenshoe to Mears Corners 138-kV	2021	4	target A 17	--	Rebuild
56	Mears Corners to Sunset Point 138-kV	2021	4	target A 17	--	Rebuild
57	Neevin to Woodenshoe 138-kV	2021	4	target A 17	--	Rebuild
58	Sobieski to Pioneer 69-kV	2021	4	target A 17	--	Rebuild
59	Bayport to Sobieski 69-kV	2021	4	target A 17	--	Rebuild
60	Paris to Burlington 138-kV	2021	5	--	--	Rebuild
61	Lodestar to Erdman 138-kV	2021	4	--	--	Replace underground cable
62	New Holstein to Custer 69-kV	2022	4	B	7584	Rebuild
63	Oak St to Highway V 69-kV	2022	4	target B 17	--	Rebuild
64	Finger Rd to Danz 69-kV	2022	4	target B 17	--	Rebuild
65	Highway V to Finger Rd 69-kV	2022	4	target B 17	--	Rebuild
66	Finger Rd to Wesmark 69-kV	2022	4	target B 17	--	Rebuild
67	Wesmark to Manrap 69-kV	2022	4	target B 17	--	Rebuild
68	St. Lawrence to Barton 138-kV	2022	5	--	--	Rebuild
69	Barton to Auburn 138-kV	2022	5	--	--	Rebuild
70	Edgewater to Erdman 69-kV	2022	4	--	--	Replace underground cable
71	Lincoln Pump Station to McKenna 69-kV	2023	1	B	7765	Rebuild

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72	McKenna to Castle Rock 69-kV	2023	1	B	7763	Rebuild
73	9 Mile to Portage 69-kV	2023	2	--	--	Reinsulate
74	Darlington to Hillman 138-kV	2023	3	--	4726	Rebuild
75	South Fond du Lac to Spring Brook Road 69-kV	2023	3	--	--	Rebuild
76	Academy to Columbus 69-kV	2023	3	targeted B 16	10590	Rebuild
77	Summit to Cooney 138-kV	2023	5	--	--	Rebuild
78	Danz Ave SW STA to University 69-kV	2023	4	--	--	Replace underground cable
79						
80	Legend					
81	No Shading = No change to project since previous Assessment					
82	Orange Shading = new project, was not in previous Assessment project list					
83	Gray Shading = some change (e.g. In-service year or scope) since previous Assessment					