

Table PF-1

Projects included in the 2020 Project-Deficient 10-Year Assessment Model

System Changes	Planning Zone
Springwater T-D interconnection	1
Whitcomb 69-kV bus re-insulation	1
Port Edwards RAS Retirement	1
Weston #3 Generator Step-up Transformer Replacement	1
M-13 (Kelly – Ackley) 115-kV line Rerate	1
Plover 115-kV Substation Reconfiguration	1
Cranberry 115-kV Shunt Reactor	1
Stratford 115-kV Substation rebuild	1
Harrison North 69-kV Breaker Addition	1
Coyne T-D interconnection	1
Hancock 69-kV Sectionalizing Project	1
Rocky Run 345-kV Current Transformer Replacement	1
J703 G-T interconnection	2
J704 G-T interconnection	2
Inland (Seney – Blaney) 69-kV rebuild	2
Randville 69-kV Substation Retirement	2
78652 (Plains – Arnold) 138-kV uprate	2
Presque Isle units 5-9 retirement	2
Presque Isle RAS Retirement	2
Iron Grove 138-kV Shunt Reactor	2
Winona 138-kV Shunt Reactor	2
Michigamme Hydro Generator Step-up Transformer Replacement	2
Forsyth T-D interconnection	2
M-38 138-kV Shunt Reactor	2
Silver River 138-kV Shunt Reactor	2
6909 (Hiawatha – Pine River) 69-kV rerate	2
ESE_6908 (Hiawatha – Pine River) 69-kV rerate	2
Garden Corners T-D interconnection	2
W-13 (Briggs Rd – North Madison) 345-kV line	3
J395: X-49 (Darlington – North Monroe) 138-kV reconductor	3
Edgerton T-D interconnection	3
J390 G-T interconnection	3
X-53 (Paddock – NW Beloit) 138-kV series reactor	3
Marsh View T-D interconnection	3
Tripp Rd T-D interconnection	3
Y-112 (Hillside – Bell Center) 69-kV rerate	3
Y-132 (Waunakee – Huiskamp) 69-kV Uprate	3
Nelson Dewey 138/69-kV Transformer Replacement	3
Kilbourn Substation reconfiguration	3
Fitchburg units 1 and 2 retirement	3
Bain – Spring Valley – North Lake Geneva 138-kV	3

Koshkonong T-D interconnection	3
Yahara T-D interconnection	3
Y-124 (Lone Rock – Boscobel) 69-kV asset management rebuild	3
X-79 (Bradford – West Darien) 138-kV rerate	3
Mount Horeb 69-kV Bus reconductor	3
Waupun asset management substation rebuild	3
Y-14 (Sauk Prairie – Dam Heights) 69-kV reconfiguration	3
Milton Lawns T-D interconnection	3
X-67 (Trienda - Portage) 138-kV uprate	3
City Limits 138-kV bus upgrade	4
J-10 (Finger Rd - Canal) 69-kV asset management rebuild	4
K-11 (Shoto – Northeast) 69-kV uprate	4
West Marinette breaker additions	4
Highway V breaker additions	4
Plymouth #4 T-D interconnection	4
Plymouth #2 T-D interconnection	4
X-2 (Cedar Ridge – Ohmstead) 138-kV asset management rebuild	4
Q-147 (Lost Dauphin – Red Maple) 138-kV uprate	4
Ellinwood 138-kV bus uprate	4
Forest Junction 24.9-kV Shunt inductor	4
Neevin T-D interconnection	4
Berryville T-D interconnection	5
Somers T-D interconnection	5
Mukwonago line breaker addition	5
2018 distribution capacitor retirements	5
671K61 (Mukwonago - Edgewood) 138-kV asset management rebuild	5
Racine 345-kV ring bus	5
3013 (Edgewood - St. Martins) 138-kV asset management rebuild	5
873k11 (Harbor – Norwich) 138-kV uprate	5
Burlington redundant bus differentials	5
Lincoln 138-kV Substation reconfiguration	5
Mount Pleasant T-D interconnection	5
2019 distribution capacitor retirements	5
Arcadian distribution transformer replacements	5
Juneautown T-D interconnection	5
State Line T-D interconnection	5
Mequon 138-kV breaker additions	5