

Table PF-1

Projects included in the 2021 Project Deficient 10-Year Assessment Model

System Changes	Planning Zone
Stratford 115-kV Substation Rebuild	1
Sigel 69-kV Mobile Capacitor Bank Installation	1
Cranberry T2 T-D interconnection	1
Y-180 (Wautoma – Wild Rose) 69-kV Rebuild	1
Wautoma 69-kV Bus Uprate	1
Venus 115-kV Capacitor Bank Retirement	1
Tomahawk 46-kV Capacitor Bank Retirements	1
Y-19 (Wild Rose – Harrison) 69-kV Rebuild	1
Baker Street 115-kV Capacitor Bank Additions	1
Big Pond 69-kV Substation Retirement	1
Homme T-D interconnection	1
Lyndon Station T-D interconnection	1
Harrison North 69-kV Breaker Addition	1
T-72 (Saratoga - Coyne) 115-kV Rebuild	1
Baker Street T-D interconnection	1
M-38 138-kV Shunt Reactor Addition	2
Silver River 138-kV Shunt Reactor Addition	2
6909 (Hiawatha – Pine River) 69-kV Rerate	2
ESE_6908 (Hiawatha – Pine River) 69-kV Rerate	2
J928 G-T interconnection	2
Cooks T-D interconnection	2
Chocolay T-D interconnection	2
Forsyth T-D interconnection	2
Y-132 (Waunakee – Huiskamp) 69-kV Uprate	3
Y-112 (Hillside – Bell Center) 69-kV Rerate	3
Y-124 (Lone Rock – Boscobel) 69-kV Rebuild	3
Nelson Dewey 138/69-kV Transformer Replacement	3
Kilbourn Substation Reconfiguration	3
Bain – Spring Valley – Balsam – North Lake Geneva 138-kV	3
Brick Church 138/69-kV Transformer No-Load Tap Change	3
North Lake Geneva 138/69-kV Transformer No-Load Tap Change	3
Rock River 138/69-kV Transformer No-Load Tap Change	3
Yahara T-D interconnection	3
Y-119 (Verona – Oregon) 69-kV Rerate	3
Koshkonong T-D interconnection	3
Waupun Substation Rebuild	3
Y-40 (Gran Grae - Wauzeka) 69-kV Rerate	3
X-79 (Bradford – West Darien) 138-kV Rerate	3

Mount Horeb 69-kV Bus Reconductor	3
X-67 (Portage – Trienda) 138-kV Uprate	3
6907 (Blount – East Campus) 69-kV Restoration	3
X-98 (Staff - North Randolph) 138-kV Rebuild	3
X-6 (Portage – Staff) 138-kV Rebuild	3
J855 G-T interconnection	3
Muscoda Industrial Park T-D interconnection	3
Y-14 (Sauk Prairie – Dam Heights) 69-kV Reconfiguration	3
Fitchburg units 1 and 2 retirement	3
Nine Springs unit 1 retirement	3
Sycamore units 1 and 2 retirement	3
Orfordville 69-kV Capacitor Bank Retirement	3
Klondike T-D interconnection	3
Milton Lawns T-D interconnection	3
Y-12 (Sheepskin – Stoughton) 69-kV Rebuild	3
Northern Lights T-D interconnection	3
Y-43 (Bloomington – Hillside) 69-kV Rerate	3
J584 G-T interconnection	3
Columbia 69-kV Breaker Replacements	3
Waterloo T-D interconnection	3
Portage Industrial Park T-D interconnection	3
Forest Junction 24.9-kV Shunt Inductor	4
Ellinwood 138-kV Bus uprate	4
J-88 (Caldron Falls – Goodman) 69-kV Rebuild	4
Combined Locks T-D Transformer Replacements	4
FIRY12 (Finger Road – Luxemburg) 69-kV Rebuild	4
J-10 (Algoma - Canal) 69-kV Rebuild	4
Ryan St 69-kV Substation Retirement	4
X-97 (Creekview – Mullet River) 138-kV Rebuild	4
Neevin T-D interconnection	4
X-154 (Highway V – Tower Drive) 138-kV Rerate	4
Packaging T-D interconnection	4
J886 G-T interconnection	4
Ogden Street 69-kV Networking Project	4
30 th Avenue T-D interconnection	4
Pullaim Redundant Bus Differential Relay Installation	4
4035 (Forest Junction – Elkhart Lake) 138 kV Series Reactor Installation	4
T-46 (First Avenue – Sawyer) 69-kV Submarine Cable Replacement	4
J505 G-T interconnection	4
873K11 (Harbor – Norwich) 138-kV Uprate	5
Lincoln 138-kV Substation Reconfiguration	5
Mt Pleasant Tech T-D interconnection	5

2019 Distribution Capacitor Bank Retirements	5
Port Washington – Saukville: Rebuild Line 762 as a Double Circuit 138-kV	5
State Line T-D interconnection	5
Juneautown T-D interconnection	5
Mequon 138-kV Line Breaker Additions	5
Arcadian T-D interconnection	5
77354 (Merrill Hls – Mukwanago) 138-kV Line Breaker Addition at Merrill Hls	5
2020 Distribution Capacitor Bank Retirements	5
Tamarack T-D interconnection	5
8962 (Paris – Burlington) 138-kV Rebuild	5
Riverbend T-D interconnection	5