

Table PF-1

Projects included in the 2022 Project-Deficient 10-Year Assessment Model

System Changes	Planning Zone
Venus T-D Bank2 Transformer Replacement	1
Waupaca – Wild Rose 69kV (Y-180) Rebuild	1
Wild Rose – Harrison 69kV (Y-19) Rebuild	1
Lyndon Station 69kV SS Rebuild	1
Baker St 115kV T-D Interconnection	1
Harrison North SS Breaker Asset Renewal	1
Coyne St – Baker St 115kV (T-72) Rebuild	1
Baker St 115 kV Breaker Addition	1
Gardner Park 50MVAR Cap Bank Restoration	1
Birnamwood Transformer Replacement and Cap Bank Retirement	1
Tomahawk 115-46kV Transformer T1 &T2 Replacement	1
Tomahawk 46kV Capacitor Retirement	1
Brooks Corners T-D Interconnection	1
Saratoga 69kV Mobile Capacitor Bank Removal	1
Sigel 69kV Mobile Capacitor Bank Removal	1
Caroline 115-69kV Transformer Replacement	1
Whitcomb 115-69kV Transformer Replacement	1
Retire Pine 115-46kV T1 (HV-0875)	1
Whitcomb 69kV Breaker Replacement	1
Waupaca Area Storage Project	1
Wautoma 69kV Bus Rating Increase	1
Waupaca T-D & Substation Rebuild	1
J928 Garden Wind G-T Interconnection	2
New Dafter Diesel Generators	2
Kuester Minimum Excitation Limit Implementation	2
Portage St. Hydro Reactive Capability Upgrades Step4	2
Portage St. Hydro Reactive Capability Upgrades Step5	2
Dead River 345-138 kV Transformer T1 & T1A Tap Setting Change	2
Forsyth T-D Interconnection	2
Portage St. Hydro Reactive Capability Upgrades Step6	2
ITC Headlands Temporary T-D Interconnection	2
Portage St. Hydro Reactive Capability Upgrades Step7	2
Mackinac – McGulpin Cable Replacement	2
J870 Badger Hollow Solar G-T Interconnection	3
Sauk Prairie – Dam Heights 69 kV Reconfiguration	3
Dane County Airport Solar DER Addition	3
West Riverside Solar DER Addition	3
Muscoda Industrial Park T-D Interconnection	3
Milton Lawns Circuit Breaker Addition	3
Spring Green 138-69 kV Transformer T31 LTC Update	3
Sheepskin – Stoughton 69kV (Y-12) Rebuild	3
Orfordville 69kV Capacitor Retirement	3
Bloomington – Hillside 69kV (Y-43) Rerate	3
Columbia 69kV Breaker Replacements	3

Northern Lights 138kV T-D Interconnection	3
Portage Industrial Park 138kV T-D Interconnection	3
Waunakee – Dane 69kV (Y-143) Rebuild	3
J855 Red Barn Wind G-T Interconnection	3
Elkhorn – North Lake Geneva 138kV (X-55) Rebuild	3
Rock River 138kV Switch & Bus Tie Replacement	3
Troy 138kV T-D Interconnection	3
J818 Badger State Solar G-T Interconnection	3
Hillside 69kV Asset Renewal	3
Waterloo 138kV T-D Interconnection	3
Highland – Eden 138kV (X-147) Uprate	3
Highland – Spring Green 138kV (X-17) Uprate	3
Brodhead Municipal 69kV T-D Interconnection	3
J870/J871 Loop 69kV line Y-138 Into Highland	3
Hillman 138/69kV Transformer Upgrade	3
Cross Country 138kV T-D Interconnection	3
Concord – Cooney 138kV (9042) Reconductor	3
New Glarus 69kV T-D Interconnection	3
Elkhart Lake – Forest Junction 138kV (4035) Series Reactor	4
Pulliam Redundant Bus Differential Installation	4
Butte des Morts 138kV Capacitor C2 Removal	4
Butte des Morts Area 138kV Line Rebuilds	4
Ryan St 69kV Substation Retirement	4
J505 Solar G-T Interconnection	4
First Avenue – Sawyer 69kV (T-46) Submarine Cable Replacement	4
Butte des Morts 138kV Capacitor C2 Relocation	4
Neevin T7 T-D Interconnection	4
Kewaunee 345-138kV Transformer T10 Retirement	4
Menominee Distribution Transformer Retirement	4
Sobieski – Pioneer 138kV (E-83) Rebuild/Conversion	4
20 th St 138kV Cap Bank Installation	4
Caroline 69-34.5kV Transformer Retirement and Shawano 34.5kV System Update	4
Huebner 138kV Cap Bank Installation	4
Little River 138kV T-D Interconnection	4
Shoto 138-69kV T2 Replacement	4
Erdman 138-69kV Transformer T31 Replacement	4
Bayport – Sobieski 138kV (T-98) Rebuild/Conversion	4
Retire Edgewater Unit 5	4
Bay Ridge T-D Interconnection	4
Preble Transformer T4 T-D Interconnection	4
Roosevelt Rd T-D Interconnection	4
Mequon 138kV Line Breaker Additions	5
Merrill Hills Line Breaker Addition	5

WEC Distribution Cap Bank Retirements	5
Pennsylvania 138kV Jumper Replacement	5
Juneautown T-D Interconnection	5
Paris – Air Liquide Tap – Burlington 138kV (8962) Rebuild	5
Port Washington – Saukville 138kV Substation Work	5
Riverbend T-D Interconnection	5
Port Washington 138 kV Redundant Bus Differential	5
Port Washington – Saukville 138kV (762) Rebuild to Double Circuit	5
Tamarack 138kV Line Breaker and T-D Interconnection	5
FoxConn Transformer Installation & 138kV Line Energization	5
St. Lawrence – Glacier – Barton 138kV (8032) Partial Rebuild	5
Germantown T-D Interconnection	5