

*Table PF-2
Projects included in the 2013 10-Year Assessment Model*

System additions	Planning zone
Construct Gardner Park-Hwy 22 345-kV line	1
Construct new Hwy 22 345-kV Substation	1
Construct Brandon-Fairwater 69-kV line	1
Rebuild/convert Conover-Plains 69-kV line to 138 kV	2
Construct 138 kV bus and install a 138/69 kV, 60 MVA transformer at Iron Grove Substation	2
Construct 138 kV bus and install a 138/69 kV, 60 MVA transformer at Aspen Substation	2
Relocate Iron River Substation (Iron Grove)	2
Install 1-16.33 MVAR capacitor bank at Indian Lake 138-kV Substation	2
Construct new Oak Ridge-Verona 138-kV line and install a 138/69-kV transformer at Verona with a 100 MVA summer normal rating	3
Construct second Paddock-Rockdale 345-kV line and replace 345/138-kV transformer T22 at Rockdale Substation	3
Rebuild the Y-119 Verona to Oregon 69-kV line	3
Construct 345-kV line from Rockdale to West Middleton	3
Construct a 345-kV bus and install a 345/138 kV 500 MVA transformer at West Middleton Substation	3
Construct Morgan-Werner West 345-kV line	4
String a new 138-kV line from Clintonville-Werner West primarily on Morgan-Werner West 345-kV line structures	4
Expand 345-kV switchyard at Oak Creek to interconnect one new generator (Oak Creek Phase 2)	5
Uprate Oak Creek-Root River 138-kV line	5
Uprate Oak Creek-Nicholson 138-kV line	5
Construct a 138-kV bus at Pleasant Valley Substation to permit second distribution transformer interconnection	5

*Table PF-3
Projects included in the 2018 10-Year Assessment Model*

System additions	Planning zone
Construct a 69-kV line from SW Ripon to the Ripon-Metomen 69-kV line	1
Uprate Y-41 Walworth- North Lake Geneva 69-kV to achieve a 69 MVA summer emergency rating	3
Uprate Y-152 North Lake Geneva-Lake Geneva 69-kV line to achieve a 115 MVA summer emergency rating	3
Install 2-32 MVAR capacitor banks at Summit 138-kV Substation	5

*Table PF-4
Projects included in the 2023 10-Year Assessment Model*

System additions	Planning zone
Expand the Menominee 69-kV Substation and install 138 kV terminals. Loop the West Marinette-Bay De Noc 138-kV line into the Substation	4
Install 138/69-kV transformer at the expanded Menominee Substation	4
Rebuild 2.37 miles of 69 kV from Sunset Point to Pearl Ave with 477 ACSR	4
Install 200 MVAR capacitor bank at Bluemound Substation	5
Install 2-32 Mvar capacitor banks at Mukwonago 138-kV Substation	5