

**Table PF-2***Projects included in the 2029 Project -Deficient 10-Year Assessment Model\**

<b>System Changes</b>	<b>Planning Zone</b>
Y-90 (Sand Lake Tap – Hancock) 69-kV Uprate	1
Y-47 (McKenna – Castle Rock) 69-kV Line Rebuild	1
Superior 345-kV Switching Station	1
Dixie T-D Interconnection	1
DPC Clearfield T-D Interconnection	1
New Lisbon Area 69-kV Switching Station	1
Colburn T-D Interconnection	1
Badger West 138/69-kV Transformer	1
Y-302 (Badger West – Colburn Tap) 69-kV Line	1
Northwest Ripon 5.4 MVAR 69-kV Capacitor bank Retirement	1
Eastern UP T-D Interconnection	2
Munising 10 MVAR 69-kV STATCOM	2
Manogue Rd T-D Interconnection	3
Columbia 80 MVAR 345-kV Shunt Reactor	3
J1214 Koshkonong Solar G-T Interconnection	3
J1326 Koshkonong Energy Storage G-T Interconnection	3
J1374 White Tail Wind G-T Interconnection	3
Y-184 (Nelson Dewey- Bloomington) 69-kV Rebuild	3
Oak Ridge T2 T-D Interconnection	3
J1460 Dawn Harvest Solar G-T Interconnection	3
Y-109 (Darlington – Rock Branch) 69-kV Rebuild	3
UNIG52 (University – Mukwanago) 138 kV Partial Reconductor	3
Oak Ridge 138-kV Bus Tie Breaker	3
Belleville T2 T-D Interconnection	3
Stoughton T41 T-D Interconnection Retirement	3
Johnstown T-D Interconnection	3
North Arlington 345-kV Switching Station	3
J1410 Great Dane Solar G-T Interconnection	3
J1411 Great Dane Energy Storage G-T Interconnection	3
J1483 Badger Hollow Wind G-T Interconnection	3
6963 (West Middleton – Pheasant Branch) 69-kV Partial Rebuild	3
6967 (West Middleton – Blackhawk) 69-kV Partial Rebuild	3
Blitz 345-kV Switching Station	3
J1377 Rock County Solar G-T Interconnection	3
Y-134 (South Beaver Dam – Horicon) 69-kV Rebuild	3
Kirkwood 138/69-kV Substation Asset Renewal	3
Kirkwood 138/69-kV T31 Transformer Replacement	3
Y-155 (South Monroe - Browntown) 69-kV Line Rebuild	3
Bonnie Rd T-D Interconnection	3
Y-25 (South Fond du Lac -Waupun) 69-kV Line Rebuild	3
Cuba City South 69-kV substation Reconfiguration	3
Oconto Falls Municipal T-D Interconnection	4

O-15 (Danz Ave – University) 69-kV Underground Cable Replacement	4
Winnebago County T-D Interconnection	4
Fitzgerald 345/138-kV T1 Transformer Replacement	4
J1101 Two Creeks Energy Storage G-T Interconnection	4
Plymouth #5 T-D Interconnection	4
Z-26 (Oak St – Nicolet Paper – Highway V) 69-kV Line Rebuild	4
South Fond du Lac 345-kV T21 & T22 Transformer Replacement with a Single Unit	4
Shoto 138/69-kV T1 Transformer Replacement	4
Eldorado 345-kV Switching Station	4
J1253 Silver Maple Solar G-T Interconnection	4
G-111 (North Fond du Lac - Aviation) 138-kV Line Rebuild	4
X-50 (Aviation – Progress Ave) 138-kV Line Rebuild	4
X-50 (Progress Ave - Ellinwood) 138-kV Line Rebuild	4
East Krok 138/69-kV T1 Transformer Replacement	4
NAPL121 (North Appleton – Fox River) 345 kV Line Rebuild	4
R1015 Edgewater Energy Storage G-T Interconnection	4
61443 (Rangeline – Cornell) 138 kV Line Reconfiguration	5
61451 (Rangeline – Cornell) 138 kV Line Reconfiguration	5
3462 (Granville – Cornell) 138-kV Granville Bus Position Change	5
61453 (Granville – Rangeline) 138-kV Granville Bus Position Change	5
Granville 345-kV Straight Bus Conversion to a Ring Bus	5
J1316 Paris Energy Storage G-T Interconnection	5
S1005 Paris Energy Storage G-T Interconnection	5
Everett 138-kV GIS Asset Renewal	5

*\*Projects included in addition to those listed in Table PF-1*