Table PF-1

Projects included in the 2027 Project -Deficient 10-Year Assessment Model

System Changes	Planning Zone
Tommy's Turnpike T-D Interconnection	1
Y-71 (ATC Rosholt Tap – ALTE Rosholt Tap) 69-kV Rebuild	1
Waupaca Area Energy Storage Project	1
Hodag Bank 2 T-D Interconnection	1
DPC Clearfield T-D Interconnection	1
Z-52 (Weston – Morrison Ave) 115-kV Line Reconductor	1
DPC Bear Creek T-D Interconnection	1
Y-90 (Sand Lake Tap – Hancock) 69-kV Line Uprate	1
Y-74 (Hilltop – Council Creek) 69-kV Line Rebuild	1
XEL Stone Lake 345/161-kV Transformer Upgrade	1
Central T-D Interconnection	1
Oxford T-D Interconnection	1
Colburn T-D Interconnection	1
Badger West 138/69-kV Transformer	1
Y-302 (Badger West – Colburn Tap) 69-kV Line	1
Rocky Run 345/138-kV T2 & T4 Transformer Replacement with a single unit	1
J1251 Marquette County Solar G-T Interconnection	2
Pineau - Plant5 69-kV T-T Interconnection	2
Gladstone (Gladstone – Masonville) 69-kV Rerate	2
Delta1 (Chandler – Delta) 69-kV Rebuild	2
Munising 10 MVAr 69-kV STATCOM	2
J1460 Dawn Harvest Solar & Energy Storage G-T Interconnection	3
Rock River 138-kV Bus Tie 1-2 Uprate	3
Lancaster 138/69-kV T31 Transformer Retirement	3
Reedsburg 69-kV Substation Retirement	3
Artesian T-D Interconnection	3
Y-312 (Kieler – AY McDonald) 115-kV Line	3
Kieler 2x 8.16 & 1x 4.08 MVAr 69-kV Capacitor Banks	3
Johnstown T-D Interconnection	3
Brodhead Muni 1 69-kV Substation Retirement	3
Brodhead Muni 2 69-kV Substation Retirement	3
Y-134 (South Beaver Dam – Horicon) 69-kV Line Rebuild	3
South Lake Geneva T2 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
Y-25 (South Fond du Lac – Waupun) 69-kV Partial Line Rebuild	3
Y-207 (Highland – Eden) 69-kV Line Retirement	3
X-212 (Highland – Hill Valley) 138-kV Line	3
X-55 (Elkhorn – North Lake Geneva) 138-kV Line Rebuild	3
Y-109 (Darlington – Rock Branch) 69-kV Line Rebuild	3

Table PF-1 (Cont.)

Projects included in the 2027 Project -Deficient 10-Year Assessment Model

System Changes	Planning Zone
S1016 Bear Creek Energy Storage G-T Interconnection	3
Brodhead 69-kV Substation Asset Renewal	3
J1214 Koshkonong Solar G-T Interconnection	3
J1316 Koshkonong Energy Storage G-T Interconnection	3
McCue 69-kV Substation Asset Renewal	3
Vienna T2 T-D Interconnection	3
Y-62 (Wick Drive – Black Earth) 69-kV Partial Line Rebuild	3
WHIG53 (Sugar Creek – Whitewater) 138-kV 20 Ohm Series Reactor	3
X-111 (Boc Gasses Tap – Townline Rd) 138-kV Line Rebuild	3
Belleville 69-kV Substation Rebuild	3
Belleville T2 T-D Interconnection	3
Manhattan 138-kV Switching Station	3
Manhattan 3x 16.33 MVAr 138-kV Capacitor Banks	3
Dodge County T-D Interconnection	3
X-23 (Colley Rd – Marine Tap) 69-kV Line Uprate	3
Y-54 (Shaw – Shirland Ave Tap) 69-kV Line Uprate	3
Union Townline T-D Interconnection	3
J1483 Badger Hollow Wind G-T Interconnection	3
S1025 North Rock Energy Storage G-T Interconnection	3
West Marinette 138/69-kV T1 Transformer Replacement	4
Plymouth #5 T-D Interconnection	4
Z-26 (Oak St – Nicolet Paper – Highway V) 69-kV Line Rebuild	4
Edgewater 345-kV Bus 3 & 5 Reconfiguration	4
Ellinwood 138/69-kV T1 Transformer Replacement	4
Shoto 138/69-kV T1 Transformer Replacement	4
Lyndon T8 T-D Interconnection	4
Pleasant Prairie 4x 75 MVAr 345-kV Capacitor Bank Additions	5
872k61 (Kansas – Moorland) 138-kV Line Uprate	5
Oak Creek 138-kV Asset Renewal	5
Racine 2x 75 MVAr 345-kV Capacitor Banks	5
Elm Rd Generation Tie Line Relocation	5
Oak Creek LNG T-D Interconnection	5
Stratus 138-kV Substation	5
Stratus 49 MVAr 138-kV Capacitor Bank	5
Jupiter 345/138-kV Switching Station	5
Jupiter 345/138-kV T1 Transformer	5
Jupiter 345/138-kV T2 Transformer	5
Jupiter 345/138-kV T3 Transformer	5
Jupiter 345/138-kV T4 Transformer	5
Jupiter 49 MVAr 138-kV Capacitor Bank	5
Jupiter 350 MVAr 138-kV STATCOM	5

Table PF-1 (Cont.)

Projects included in the 2027 Project -Deficient 10-Year Assessment Model

System Changes	Planning Zone
W-45 (Jupiter – Mount Pleasant) 345-kV Line	5
W-47 (Jupiter – Paris) 345-kV Line Uprate	5
W-48 (Pleasant Prairie – Mt Pleasant) 345-kV Line Uprate	5
W-49 (Jupiter – Arcadian) 345-kV Line Uprate	5
R1053 Oak Creek CT-11 G-T Interconnection	5
Everett 138-kV GIS Asset Renewal	5
836 (Oak Creek – Oakview) 138-kV Line Uprate	5