

*Table EP-1
10-Year Assessment Projects Screened*

System Additions	Planning Zone
Construct Spring Valley-Twin Lakes-South Lake Geneva 138-kV line	3
Construct West Middleton-Blount 138-kV line	3
Rebuild/convert Straits-Pine River 138-kV lines 6904/5 and uprate overhead portions of Straits-McGulpin 138-kV circuits #1 & #3 to 230 F degree summer emergency ratings	2
Rebuild/Convert Bayport-Suamico-Sobieski-Pioneer 69-kV line to 138 kV	4
Construct Shoto to Custer 138-kV line and Install 138/69-kV transformer at Custer Substation	4
Construct Canal-Dunn Road 138-kV line and Install 60 MVA 138/69-kV transformer at Dunn Road	4
Construct new 138-kV line from North Lake Geneva to South Lake Geneva Substation and install a 138/69-kV 100 MVA transformer at South Lake Geneva substation	3
Construct a Horicon-East Beaver Dam 138-kV line	3
Rebuild Y-32 Colley Road-Brick Church 69-kV line	3
Construct a Lake Delton-Birchwood 138-kV line	3
Construct 69-kV double-circuit line between McCue and Lamar substations	3
Replace two existing 345/138-kV transformers at Arcadian Substation with 1-500 MVA transformer	5
Construct second Dunn Road-Egg Harbor 69-kV line	4
Uprate X-12 Town Line Road-Bass Creek 138-kV line to 300 deg F and install a 138/69-kV transformer at Bass Creek Substation	3
Rebuild part of the Y-8 Dane-Dam Heights 69-kV line	3
Replace two existing 138/69-kV transformers at Glenview Substation with 100 MVA transformers	4
Construct Fairwater-Mackford Prairie 69 kV line and a second Ripon - Metomen 69 kV line	1
Replace two existing 138/69-kV transformers at Sunset Point Substation with 100 MVA transformers	4
Uprate Castle Rock-Mckenna 69-kV line	1
Uprate the 138-kV Melissa-Tayco to 229 MVA (300F)	4