

Table PR-1
Projects Placed In Service Since 2007 10-Year Assessment
As of August 25, 2008

Project	Zone
Construct Stone Lake-Arrowhead 345-kV line	1
Install 1-75 MVAR capacitor bank and 1-75 MVAR inductor at Stone Lake 345 kV	1
Construct new Arrowhead 345-kV Substation, install 2-75 MVAR capacitor banks, 1-800 MVA PST and 1-800 MVA 345/230-kV transformer	1
Construct the new permanent Stone Lake 345/161-kV Substation	1
Upgrade 4.1 MVAR capacitor bank to 8.2 MVAR and upgrade the 5.4 MVAR capacitor bank to 10.8 MVAR at Berlin 69-kV Substation	1
Construct Cranberry-Conover 115-kV line	1
Install 2-8.16 MVAR capacitor banks at the 9 Mile 69-kV Substation	2
Install second 138/69-kV transformer at Straits Substation	2
Install second 138/69-kV transformer at Hiawatha Substation	2
Uprate Winona-Atlantic 69-kV line clearance to 185 degrees F	2
Rebuild Atlantic-Osceola 69-kV line (Laurium #1)	2
Uprate Empire-Forsyth 138-kV line to 302 MVA	2
Uprate Mass-Winona 69-kV line clearance to 185 degrees F	2
Construct 138 kV bus and install 138/115-kV 200 MVA and 138/69-kV 60 MVA transformers at Conover Substation	2
Uprate the Atlantic 138/69-kV transformer to 64 MVA summer emergency	2
Uprate the M38 138/69-kV transformer to 70 MVA summer emergency	2
Install 1-4.08 MVAR capacitor bank at Roberts 69-kV Substation	2
Construct a Rubicon-Hustisford 138-kV line	3
Uprate Portage 138/69-kV transformer to achieve a 143 MVA summer emergency rating	3
Uprate Y-51 Brick Church-Cobblestone 69-kV line to achieve a 115 MVA summer emergency rating	3
Uprate X-19 Portage-Trienda 138-kV line to achieve a 321 MVA summer emergency rating	3
Install a temporary 24.5 MVAR 138-kV capacitor bank at Boxelder Substation	3
Install 2-8.16 MVAR 69-kV capacitor banks at South Lake Geneva Substation	3
Rebuild Hustisford-Horicon 69 kV to 138 kV	3
Construct 138/69 kV substation at a site near Horicon and install a 138/69-kV transformer	3
Uprate X-17 Eden-Spring Green 138-kV line to achieve 167 degrees F line ratings	3
Construct new line from Southwest Delavan to Bristol at 138 kV and operate at 69 kV	3
Construct a 345-kV substation at new Cypress; loop existing Forest Junction-Arcadian line into new Cypress Substation	4
String a new Ellinwood-Sunset Point 138-kV line on existing structures	4
Uprate North Appleton-Lawn Road-White Clay 138-kV line	4
Construct a 138-kV substation at new Cedar Ridge; loop existing Ohmstead-Kettle Moraine 138-kV line into new Cedar Ridge Substation	4
Uprate North Appleton-Fox River 345-kV line	4
Install 2-1.2 MVAR distribution capacitor banks at Sister Bay 69 kV	4
Uprate North Appleton-Mason Street 138-kV line	4
Uprate North Appleton-Lost Dauphin 138-kV line	4
Upgrade St. Martins 138-kV bus to 2000A	5
Upgrade St. Lawrence 138-kV bus	5
Reconductor Saukville-St Lawrence 138-kV line	5

