

Table PR-13  
Transmission System Additions beyond 2021

System Additions	System Need Year	Projected In-Service Year	Planning Zone	Need Category	Planned, Proposed or Provisional
Install 2-16.33 Mvar 69-kV capacitor banks at Sun Prairie	>2026	2022	3	reliability (69B2, 69B3)	Provisional
Rebuild West Middleton-Pheasant Branch 69-kV line with double circuits to achieve a 240 MVA SE on each circuit	2022	2022	3	reliability (69B2)	Provisional
Construct Shoto to Custer 138-kV line	>2026	2022	4	reliability (69B2, 69B3)	Provisional
Install 138/69-kV transformer at Custer Substation	>2026	2022	4	reliability (69B2, 69B3)	Provisional
Upgrade Oak Creek-Pennsylvania 138-kV line	>2026	2022	5	reliability (B2)	Provisional
Construct a Hubbard-East Beaver Dam 138-kV line	>2026	2022	3b	reliability (B2)	Provisional
Uprate X-67 Portage-Trienda 138-kV line to 373 MVA	>2026	2022	3b	reliability (69B2)	Provisional
Install 2-12.25 MVAR 69-kV capacitor banks at Mazomanie Substation	>2026	2023	3	reliability (69B2)	Provisional
Replace two existing 138/69-kV transformers at Sunset Point Substation with 100 MVA transformers	>2026	2024	4	reliability (69B3)	Provisional
Replace two existing 138/69-kV transformers at Glenview Substation with 100 MVA transformers	>2026	2025	4	reliability (69B3)	Provisional
Construct a 345-kV bus, install a 345/138-kV 500 MVA transformer at North Randolph and loop the Columbia to South Fond Du Lac 345-kV line into the substation	>2026	2025	3b	reliability (B2)	Provisional
Reconductor Harbor-Kansas 138-kV line	2021	TBD	5	reliability	Provisional
Uprate Columbia 345/138-kV transformer T-22 to 527 MVA	>2026	TBD	3b	reliability (B3)	Provisional

Defined in Previous 10-Year Assessment
Revised in scope from Previous 10-Year Assessment
New to this 10-Year Assessment