

Table PR-8  
Transmission System Additions for 2014

System Additions	System Need Year	Projected In-Service Year	Planning Zone	Need Category	Planned, Proposed or Provisional	Cost Estimate - Refer to Funding Project and Sum of Total (2008-2017) in Financial Table
Construct a 69-kV line from SW Ripon to the Ripon-Metomen 69-kV line	2014	2014	1	T-D interconnection	Provisional	F2053
Rebuild Blaney Park-Munising 69 kV to 138 kV	2014	2014	2	reliability, condition	Provisional	F0365
Construct a Horicon-East Beaver Dam 138-kV line	2014	2014	3	reliability	Provisional	F1640
Construct new 138-kV line from North Lake Geneva to South Lake Geneva Substation	2014	2014	3	reliability, T-D interconnection	Provisional	F2587
Construct new 138-kV bus and install a 138/69-kV 100 MVA transformer at South Lake Geneva Substation	2014	2014	3	reliability	Provisional	F2587
Uprate X-23 Colley Road-Marine 138-kV line terminals	2014	2014	3	reliability	Proposed	F1670
Install 2-16.33 MVAR 69-kV capacitor banks at Eden Substation	2014	2014	3	reliability	Provisional	F2515
Install 2-16.33 MVAR 69-kV capacitor banks and 2-24.5 MVAR capacitor banks at Femrite substation	2014	2014	3	reliability	Provisional	F2516
Install 2-12.25 MVAR 69-kV capacitor banks at Mazomanie Substation	2014	2014	3	reliability	Provisional	F2517
Install 1-16.33 MVAR 69-kV capacitor bank at Verona Substation	2014	2014	3	reliability	Provisional	F2520
Uprate X-67 Portage-Trienda 138-kV line to 373 MVA	2014	2014	3	reliability	Provisional	F2092
Replace two existing 138/69-kV transformers at Glenview Substation with 100 MVA transformers	2014	2014	4	reliability	Provisional	F2079
Construct a 345-kV bus at Bain Substation	2008	2014	5	reliability	Provisional	F0033
Install 2-32 Mvar capacitor banks at Mukwonago 138-kV Substation	2014	2014	5	reliability	Provisional	F2493
Upgrade Oak Creek-Pennsylvania 138-kV line	2014	2014	5	reliability	Provisional	F2473

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