

**Summary of Cancellations, Deferrals, Changes and New Projects for the 2015 10-Year Assessment**

Table PR-23

<b>Projects Canceled</b>	<b>Former In-Service Date</b>	<b>Planning Zone</b>	<b>Reason for Removal</b>
Victoria-Winona 69 kV line construction	2019	2	generation did not materialize
Uprate Winnecone - Sunset Point Y-103	2019	1	replaced by line rating study project
Pleasant Prairie - Zion 345-kV line uprate 2221	2020	5	removed and replaced by the SE WI - NE ILL reinforcement project
Center St - S. Beaver Dam 69 kV line uprate Y-59	2026	3	line rating was updated upon line rating study review
<b>Projects Deferred</b>	<b>New In-Service Date</b>	<b>Planning Zone</b>	<b>Reason for Deferral</b>
Albers - Kenosha 138-kV line uprate 9352	2016	5	Was 2015, resource optimization
Bain - Albers 138-kV line uprate 63143	2016	5	Was 2015, resource optimization
Norwich - Ramsey - Barland 138-kV line uprate NWHG41	2016	5	Was 2015, resource optimization
Oak Creek - Ramsey - Kansas 138-kV line uprate 824	2016	5	Was 2015, resource optimization
Oak Creek-Pennsylvania 138-kV line uprate 837	2016	5	Was 2015, resource optimization
Racine - Oak Creek 138-kV line uprate 812	2016	5	Was 2015, resource optimization
Fitchburg - Nine Springs 69-kV line rebuild 6943	2016	3	Was 2015, resource optimization
Pflaumn - Royster 69-kV line rebuild 6934	2016	3	Was 2015, resource optimization
Royster to Sycamore 69-kV uprate 6986	2016	3	Was 2015, resource optimization
Highway V Substation: Install 138-kV and 69-kV breakers on 138/69-kV transformers	2018	4	Was 2017, reassessing project scope
Port Washington - Saukville 138-kV line uprate 742	2021	5	was 2016, reassessing project scope
Port Washington - Saukville 138-kV line uprate 762	2021	5	was 2016, reassessing project scope
Construct Cardinal-Blount 138-kV line	2029	3	was 2025, updated load/model information
<b>Other Project Changes</b>	<b>In-Service Date</b>	<b>Planning Zone</b>	<b>Nature of Change or Update</b>
Oak Creek-Bluemound 230-kV line uprate 862	2015	5	advanced, was 2017
Waunakee - Westport 69-kV line rebuild Y-131	2015	3	advanced, was 2017
Portage-Trienda 138-kV uprate X-67	2016	3	advanced, was 2018
University/Whitewater line reconfiguration	2016	3	advanced, was 2018
Construct Fairwater-Mackford Prairie 69-kV line	2017	1	advanced, was 2018
Reconfigure the North Randolph-Ripon 69-kV line to form a second Ripon-Metomen 69-kV line and retire the circuit between Metomen and the Mackford Prairie tap	2017	1	advanced, was 2018
West Middleton-Stage Coach 69-kV uprate 6927, short term fix	2017	3	advanced, was 2018

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Spring Green substation: Install a second 138/69-kV transformer	2022	3	advanced, was 2024
<b>New Projects</b>	<b>In-Service Date</b>	<b>Planning Zone</b>	<b>Reason for Project</b>
Neenah Creek substation: install new 69-kV bus and 2 line breakers to sectionalize	2015	1	T-D interconnection
Lyndon substation: Install 2 line breakers to sectionalize	2015	4	Operating flexibility
Maes substation: Install 2 line breakers to sectionalize	2015	4	Operating flexibility
Berryville substation: loop in 3124 (Paris - Albers) into new Berryville substation	2015	5	T-D interconnection
ACEC Dellwood substation: Install line breakers to sectionalize Y-146	2016	1	T-D interconnection
Guenther substation: loop T-20 in and out	2016	1	T-D interconnection
Montello substation: Install 2 line breaker on line Y-17 to sectionalize	2016	1	T-D interconnection
Zone 2 switching initiative	2016	2	Operating flexibility
Red Maple substation: Install a bus tie breaker	2016	4	Operating flexibility
Bloomington substation: Install SCADA controlled breakers to sectionalize	2016	3	Operating flexibility
Williams Bay substation: Loop X44 in and out	2016	3	T-D interconnection
Mukwonago substation: Install line breaker on line 67K61	2017	5	Operating flexibility
Birchwood substation: Install a bus tie breaker	2017	3	T-D interconnection
Pershing Substation: Loop Stone Lake - Gardener Park 345-kV line into new Pershing 345-kV Substation	2018	2	T-T interconnection
Forest Junction 138-kV Substation: Install redundant bus differential	2018	4	Reliability
West Marinette substation: Install 138-kV circuit switchers on 138/69-kV transformers	2018	4	Reliability
Sauville substation: Install parallel breaker on line 8222	2018	5	Reliability
Y-121: re-rate 1.2 miles of 69 kV line between Council Creek and Tomah Industrial Park	2019	1	Reliability and Operating Flexibility
City Limits 138-kV bus reconductor	2019	4	Reliability
Somers substation: Close the N.O. Somers - Albers 138-kV line and install N.O. bus tie breaker at Somers	2019	5	T-D interconnection
Plains - Arnold 138-kV uprate	2020	2	Reliability
Plains - National 138-kV project	2020	2	Reliability
Plains 345/138-kV project (2-500 MVA replace existing)	2020	2	Reliability
Depere - Glory Rd 138-kV overhead line rebuild	2020	4	Reliability
Highway V - Preble 138-kV line uprate	2020	4	Reliability

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Morgan - Plains 345-kV loop into new Thunder 345-kV substation.	2020	4	Reliability
Morgan - Thunder 138-kV project	2020	4	Reliability
Thunder substation: install 345/138-kV and 138/69-kV transformers, convert 1 ckt of Thunder to Crivitz to 138-kV	2020	4	Reliability
Oak Creek - Hayes 138-kV line 811 upgrade and reconfiguration	2020	5	Reliability
Southeastern Wisconsin Northeastern Illinois Reinforcement Project	2020	5	Reliability
West Middleton - Stagecoach 69 kV line rebuild 6927	2020	3	Reliability
Arcadian substation: install redundant bus differentials on 345-kV and 138-kV buses	2023	5	Reliability
Granville substation: install redundant bus differentials on 345-kV and 138-kV buses	2023	5	Reliability
Boscobel 69 kV Substation: Install 1-8.16 Mvar capacitor bank	2023	3	Reliability
Aviation - North Fond du Lac 138-kV rebuild G-111	2025	4	Reliability