

Summary of Cancellations, Deferrals, Changes and New Projects for the 2018 10-Year Assessment
Table PR-23

Projects Canceled	Former In-Service Date	Planning Zone	Reason for Removal
Saukville Substation: Install parallel breaker on line 8222	2018	5	replaced by Holland UVLS project
Plains - National 138-kV project	2023	2	new generation offset project need
Plains 345/138-kV project (2-500 MVA replace existing)	2023	2	new generation offset project need
Morgan - Plains 345-kV loop into new Thunder 345-kV substation.	2023	4	new generation offset project need
Morgan - Thunder 138-kV project	2023	4	new generation offset project need
Thunder Substation: install 345/138-kV and 138/69-kV transformers, convert 1 ckt of Thunder to Crivitz to 138-kV	2023	4	new generation offset project need
Shoto - Mirro - Northeast 69 kV line K-11, uprate	2022	4	replaced by line rating study project
Mill Bluff SS, DIC - DPC New Substation	2017	1	load did not materialize
Southeastern Wisconsin Northeastern Illinois Reinforcement Project	2020	5	generation and load changes offset project need
Winona - Atlantic 69-kV line rebuild Winona69	2024	2	lower load forecast
Aviation - North Fond du Lac 138-kV rebuild G-111	2025	4	no overloads last 3 assessments
Colley Road Substation: Install 2nd 100 MVA 138/69kV transformer	2025	3	no overloads last 3 assessments
Hawk SS AE DIC New 138kV Bus	2021	3	load did not materialize
Schofield SS AE DIC	2021	3	load did not materialize
Highway V - Preble 138 (X-154), rebuild	2025	4	replaced by uprate
Projects Deferred	New In-Service Date	Planning Zone	Reason for Deferral
J711 Silver River SS, Network Upgrades	2020	2	was 2019, resource optimization
Presque Isle - Tilden 138 kV line loop into National and uprate National - Tilden 138 kV line	2021	2	was 2020, resource optimization
Forest Junction 138kV Substation: Install 25 Mvar inductor	2020	4	was 2018, resource optimization
Lost Dauphin - Red Maple 138 kV line uprate Q-147	2019	4	was 2018, resource optimization
Ogden St. Networking Project: Ogden St. - Bayshore 69-kV line construction	2021	4	was 2018, resource optimization
Plymouth 4 Substation, breaker installation	2019	4	was 2018, resource optimization
West Marinette Substation: Add high side protection to 138/69-kV transformers	2019	4	was 2018, resource optimization
Mukwonago Substation: Install line breaker on line 671K61	2019	5	was 2018, resource optimization

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Other Project Changes	In-Service Date	Planning Zone	Nature of Change or Update
Mount Pleasant Tech Interconnection Project	2019	5	scope change; advanced, was 2020
Williams Bay Substation: Loop X-44 in and out	2018	3	advanced, was 2019
New Projects	In-Service Date	Planning Zone	Reason for Project
Sherman Street SS, DIC - Replace High Side Circuit Switcher	2018	1	T-D Interconnection
Wittenberg SS, DIC - Replace Transformer	2018	1	T-D Interconnection
Baraboo SS, Bus Uprate and RTU Replacement	2018	3	T-D Interconnection
Darlington SS, DIC - Replace Transformer and Construct New Control House	2018	3	T-D Interconnection
Oak St SS, DIC - Replace Transformer	2018	4	T-D Interconnection
Berryville SS, DIC - Add 2nd Transformer	2018	5	T-D Interconnection
Distribution Interconnection Current Cycle	2018	Various	T-D Interconnection
Hancock SS - DIC, Replace Transformers	2019	1	T-D Interconnection
Plover SS, DIC - Replace Transformers	2019	1	T-D Interconnection
Stratford SS, DIC, add 2nd transformer and substation rebuild	2019	1	T-D Interconnection
Central UP, new DIC	2019	2	T-D Interconnection
Cranberry Substation 115 kV, 10.4 MVAR Inductor Bank	2019	1	P0
Iron Grove: 138 kV, 15 MVAR Inductor Bank	2019	2	P0
M-38 SS and Silver River SS, New 138 kV Inductor Banks	2019	2	P0
Winona Substation: 138 kV, 8 MVAR Inductor Bank	2019	2	P0
Construct Edgerton T-D 138 KV	2019	3	T-D Interconnection
Construct Arcadian 138KV D-T	2019	5	T-D Interconnection
Lincoln SS, 138 kV Bus Reconfiguration	2019	5	reliability (prior + P1.2)
State Line SS, new DIC	2019	5	T-D Interconnection
Stratford SS, DIC, add 2nd transformer and substation rebuild	2019	1	T-D Interconnection
Distribution Interconnection 2019	2019	Various	T-D Interconnection
Big Pond SS, Retire Substation	2020	1	no Need
Venus SS, Capacitor Bank Retirement	2020	1	no Need

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New Projects	In-Service Date	Planning Zone	Reason for Project
Marquette County, new DIC	2020	2	T-D Interconnection
Dam Heights SS, DIC, add a new radial line	2020	3	T-D Interconnection
Milton Lawns SS, DIC, add 2nd transformer and substation rebuild	2020	3	T-D Interconnection
Muscoda SS, DIC, add 2nd transformer and substation rebuild	2020	3	T-D Interconnection
Quincy Street SS, new DIC	2020	4	T-D Interconnection
Edgewater - Erdman 69 kV line Y-31 rerate	2020	4	reliability (prior + P1.2)
Distribution Interconnection 2020	2020	Various	T-D Interconnection
Waupaca Area Energy Storage Project	2020	1	operating flexibility, reliability (prior + P1.2)
Biramwood SS, DIC, replace transformer and substation rebuild	2021	1	T-D Interconnection
Eastern UP, new DIC	2021	2	T-D Interconnection
Kincheloe SS, New DIC	2021	2	T-D Interconnection
Green County, new DIC	2021	3	T-D Interconnection
Portage Industrial Park SS, DIC, replace transformers and substation rebuild	2021	3	T-D Interconnection
Bayport area - Pioneer, rebuild as double-circuit 138 kV	2021	4	Asset renewal, T-D interconnection
Dartford SS, DIC - Transformer Replacement	2021	4	T-D Interconnection
J505 GIC, Apollo SS, Generator Interconnection and Network Facilities	2021	4	G-T Interconnection
Distribution Interconnection 2021	2021	Various	T-D Interconnection
Arnold Substation: 345 kV, 80 MVAR Inductor Bank	2022	2	P0
Pioneer - Crivitz (E-83/B-2), retire 69 kV and reconfigure load to 138 kV	2022	4	Asset renewal, T-D interconnection
Riverside SS, 69 kV Bus Uprate	2022	4	reliability (prior plus P1)
Distribution Interconnection 2022	2022	Various	T-D Interconnection
Venus SS, new inductor bank	2022	1	P0
Edgewater SS, DIC, replace transformer and substation rebuild	2023	4	T-D Interconnection
Keel Ridge SS, New DIC	2025	2	T-D Interconnection