Table PR-23 Summary of Cancellations, Deferrals, Changes and New Projects for the 2024 10-Year Assessment As of October 15, 2024

	As of October 15		
Projects Cancelled, Withdrawn Portage County, DIC, New Substation	In-Service Year 2026	Planning Zone	Reason Project need driver rescinded
Birnamwood SS, DIC, New Substation	2027	1	Project need driver rescinded
Delta County, DIC, Upgrades Phase II Eastern UP, new DIC	2027 2026	2 2	Project need driver rescinded Project need driver rescinded
Ontonagon County SS, DIC, New Substation	2026	2	Project need driver rescinded
Delta County, DIC, Upgrades	2027	2	Project need driver rescinded
Eastern U.P., DIC, Upgrades Black Earth, DIC, Sub Expansion	2027 2026	2 3	Project need driver rescinded Project included in MTEP Program with smaller scope
J1002 J1003 MPFCA (North Beaver Dam Ground Grid Upgrades)	2024	3	Upon further study project was deemed unnessary
Highway V – Preble 138 kV (X-154), Reconductor Howard – Str 496 138 kV (MSNG41/X-76), Partial Rebuild to Double Circuit	2025 2025	4	Project need driver rescinded Project need driver rescinded
St Martins – Bluemound (5066), OPGW Addition	2029	5	Other project in MKE area to cover this need
Cornell SS 138 kV, Flow Control Device	2028	5 5	Other project in MKE area to cover this need
Racine County, DIC, Wisconn Valley Substation Rosecrans SS, New 345 kV Substation and Interconnecting Lines	2026 2029	5	Project no longer needed Project no longer needed
Communication Reliability Program 2025	2027	Various	No projects were submitted to Program
New Projects Portage County, DIC, New Substation	In-Service Year 2026	Planning Zone 1	Project Type T-D Interconnection
Sand Lake – Hancock 69 kV (Y-90), Uprate	2025	1	Operational Flexibility
J1573 Plover SS Network Upgrades and Interconnection Facilities J1513 Clintonville Swt St Network Upgrades and Interconnection Facilities	2028 2028	1	G-T Interconnection G-T Interconnection
J1751 POI Swt St Network Upgrades and Interconnection Facilities	2028	1	G-T Interconnection
Coyne Street SS Relay, Breaker and House Asset Renewal Arpin SS Power Transformer Asset Renewal	2028 2028	1 1	Condition and Performance Condition and Performance
Oxford SS, DIC, Transformer Addition	2026	1	T-D Interconnection
Birnamwood Area Reliability Project	2030	1	Reliability
Chaffee Creek SS Breaker Asset Renewal J1508 POI SS Network Upgrades and Interconnection Facilities	2028 2029	1	Age and Condition G-T Interconnection
J1814 Nordic SS Network Upgrades and Interconnection Facilities	2028	2	G-T Interconnection
Silver River – North Lake 138 kV (NLKG31), Rebuild Watersmeet – Land O Lakes 69 kV (6530), Rebuild	2029 2028	2 2	Condition and Performance Condition and Performance
Line ILKY31 and 6912 Grounding Improvement	2025	2	Condition and Performance Condition and Performance
East U.P., DIC, Load Additions	2025	2	T-D Interconnection
Empire Mine – Huron 138 kV (X-119), OPGW Addition J1304 Big Hill Park SS Network Upgrades and Interconnection Facilities	2027 2023	2	Communication G-T Interconnection
West Middleton – Str 36 69 kV (6967/6963), Rebuild Green Poles (CAC/CCA/SX) Replacements	2026	3	Condition and Performance
Lake Geneva SS, DIC, New Substation Oak Ridge, DIC, Additional Transformer and Bus Tie	2026 2025	3	T-D Interconnection T-D Interconnection
Black Earth, DIC, Additional Transformer	2025	3	T-D Interconnection
Birchwood SS Relay and Capacitor Bank Asset Renewal	2027	3	Condition and Performance
University – Whitewater 138 kV (UNIG51), Partial Reconductor & OPGW J1773 Edmund Swt St Network Upgrades and Interconnection Facilities	2025 2030	3	Reliability, Operational Flexibility G-T Interconnection
J1781 Hill Valley SS Network Upgrades and Interconnection Facilities	2030	3	G-T Interconnection
Columbia SS Power Transformer Asset Renewal Portage SS Relay and Breaker Asset Renewal	2028 2028	3	Condition and Performance Condition and Performance
Rock River SS and Remote Ends Asset Renewal	2028	3	Condition and Performance
Eden SS Relay and House Asset Renewal	2028	3	Condition and Performance
Dam Heights – Baraboo 69 kV (Y-75), Partial Rebuild Zenda Tap – Katzenberg 69 kV (Y-51 ALE), Partial Rebuild Green Poles	2028 2028	3	Condition and Performance Condition and Performance
Huiskamp – Division Street Tap 69 kV (Y-132), Rebuild	2028	3	Condition and Performance
Baraboo SS, DIC, Substation Relocation Syene SS, DIC, Upgrade Surge Arrestors	2027 2025	3	T-D Interconnection T-D Interconnection
Wick Drive SS, DIC, Transformer Addition	2025	3	T-D Interconnection
Dodge County, DIC, New Substation Sunrise – Johnstown – Whitewater 138 kV (X-181, 4434), Uprate	2027 2027	3	T-D Interconnection Operational Flexability, T-D Int.
Bristol – Elkhorn 138 kV (X-81), Uprate	2027	3	Operational Flexability, T-D Int.
Potosi SS, DIC, Sub Relocation to Tennyson	2025	3	T-D Interconnection
Poynette SS, DIC, Sub Rebuild & Tap Switch Relocation BOC Gasses Tap – Town Line Rd 138 kV (X-111), Rebuild	2027 2027	3	T-D Interconnection Reliability
Hillside SS Breaker & Instrument Transformer Asset Renewal	2028	3	Condition and Performance
Beloit Area DIC, New Substation Belleville SS, DIC, Substation Rebuild	2027 2026	3	T-D Interconnection T-D Interconnection
Whitewater – Sugar Creek 138 kV (WHIG53), Flow Control Device	2027	3	T-D Interconnection
Syene SS, Add Capacitor Banks and Control House	2026	3	Operational Flexibility
North Lake Geneva – Elkhorn 138 kV (X-55), Rebuild Huiskamp – Ruskin 69 kV (6937), OPGW Addition	2027 2026	3	Reliability Communication
J1706 North Monroe SS Network Upgrades and Interconnection Facilities	2029	3	G-T Interconnection
J1629 POLSS Network Upgrades and Interconnection Facilities Howard – Str 496 138 kV (MSNG41/X-76), Partial Rebuild to Double Circuit	2030 2025	3 4	G-T Interconnection Condition and Performance
Kaukauna Central Tap – Melissa 138 kV (971K11), Rerate	2025	4	Line Clearance
Northwest Ripon SS Capacitor Bank Retirement J1716 Eldorado SS Network Upgrades	2027 2027	4	Condition and Performance G-T Interconnection
J1615 Morgan SS Network Upgrades and Interconnection Facilities	2027	4	G-1 Interconnection G-T Interconnection
Highway V SS Power Transformers Asset Renewal	2028	4	Condition and Performance
Finger Road SS Relays and Remote Ends Asset Renewal Greenleaf SS, DIC, Transformer Addition	2028 2025	4	Condition and Performance T-D Interconnection
Riverside (ALTE) – Erdman 69 kV (Y-82/X-64/X-37), Rebuild	2028	4	Condition and Performance
Oconto Falls Municipal SS, DIC, New Substation 7th Street SS, DIC, Transformer Addition	2025 2025	4	T-D Interconnection T-D Interconnection
Ellinwood SS Power Transformer Asset Renewal	2028	4	Condition and Performance
Neevin SS, DIC, Transformer Addition	2025	4	T-D Interconnection
Highway V SS Circuit Switchers & Intrument Transformers Asset Renewal Huebner SS, DIC, Transformer Addition	2024 2027	4	Age and Condition T-D Interconnection
J1793 Holland SS Network Upgrades	2025	4	G-T Interconnection
J1745 Fitzgerald SS Network Upgrades and Interconnection Facilities West Junction SS 138 kV Sectionalizing	2029 2026	4 5	G-T Interconnection Reliability
Milwaukee County, New DIC	2027	5	T-D Interconnection
Racine County, DIC, Stratus Substation	2027	5	T-D Interconnection
Racine County, DIC, Mount Pleasant Substation Expansion Racine County, DIC, Cosmos Substation	2025 2027	5 5	T-D Interconnection T-D Interconnection
Racine County Western Feed Transmission Line Project	2027	5	T-D Interconnection
Racine County, DIC, Wisconn Valley Substation Rosecrans SS, New 345 kV Substation and Interconnecting Lines	2026 2029	5	T-D Interconnection Reliability
Oak Creek – Oakview 138 kV (836), Uprate	2027	5	Operational Flexibility
Elm Road Generation POI Relocation Project PLPL81 and W-30 345 kV Line, Uprate	2026	5	G-T Interconnection
Mukwonago – University 138 kV (UNIG52), Rebuild	2027 2031	5 3, 5	Reliability Condition and Performance
Substation Technology Package #2 - 2025	2025	Various	Communication
Substation Technology Package #2 – 2026 Small Capital Project and Asset Renewal Program 2027	2026 2029	Various Various	Communication Condition and Performance
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Communications Reliability Program 2027	2029	Various	Communication
Line Clearance Mitigation Program 2027	2029	Various	T-D Interconnection
Load Interconnection Program 2027 Projects ISY Changes	2029 In-Service Year	Various Planning Zone	Line Clearance Reason For Change
Birnamwood SS, DIC, New Substation	2026	1	Customer Driven Project
Chaffee Creek – Lincoln Pump Station 69kV (Y-18), Rebuild Dixie SS, DIC, New Substation	2024 2025	1 1	Updated Project Schedule Customer Driven Project
Harrison Tap – Iola 69kV (Y-70), Rebuild & OPGW	2025	1	Updated Project Schedule
Hilltop – Council Creek 69 kV (Y-74), Rebuild & OPGW Hodag SS DIC, Add Additional Transformer	2026 2025	1	Updated Project Schedule Customer Driven Project
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	2025	1	Customer Driven Project
Lincoln Pump Station – McKenna 69kV (Y-145), Rebuild North Central WI Reliability Project	2025 2028	1 1	Updated Project Schedule Updated Project Schedule
Pine – Skanawan Tap Structure (I-9), OPGW Addition & Partial Rebuild	2028	1	Solution in Development
Saratoga – 7 Mile Creek 138 kV, Construct New Line	2027 2025	1	Updated Project Schedule
Waupaca Area Energy Storage Project Wautoma SS – Port Edwards SS, 138kV (X-11), Uprate [J986 J1002 MPFCA]	2025	1	Delay in Studies Updated Project Schedule
9 Mile SW STA – Pine River 69kV (6921/23) Partial rebuild	2028	2	Updated Project Schedule
Chandler – Delta 69 kV (Delta1), Rebuild and OPGW Cornell Tap – Watson Tap 69kV (Chandler), Partial Rebuild	2026 2028	2 2	Updated Project Schedule Updated Project Schedule
Eastern UP, new DIC	2026	2	Customer Driven Project
Forsyth – Empire 138kV (Forsyth), Rerate Marquette County Reactive Power Project	2025 2025	2 2	Updated Project Schedule Updated Project Schedule
Munising Area Reactive Power Project	2026	2	Updated Project Schedule
National – Presque Isle (446) Re-Insulate & OPGW North Lake – Greenstone 69kV (NLKY11), Rebuild	2026 2031	2	Updated Project Schedule Updated Project Schedule
Ontonagon County SS, DIC, New Substation	2026	2	Customer Driven Project
Perch Lake – National 138kV (468), Partial Retirement Project Pine River – Mich Limestone Loading Dock 69 kV (ESE_6906), Rebuild	2026 2027	2	Updated Project Schedule Updated Project Schedule
Presque Isle – Huron, 138 kV, (X-118), Rerate	2025	2	Updated Project Schedule
Tilden SS, Control House Replacement and Breaker & Relay Asset Renewal Western Marquette County DIC	2026 2024	2 2	Updated Project Schedule Customer Driven Project
Academy – Columbus 69kV (Y-21), Rebuild	2027	3	Updated Project Schedule
Artesian SS, DIC – Terminal Connection Belleville SS, DIC, Substation Rebuild	2026 2026	3	Customer Driven Project Customer Driven Project
Bonnie Road, DIC, New Substation	2027	3	Customer Driven Project
Browntown – South Monroe 69 kV (Y-155), Rebuild Cardinal – Hickory Creek 345kV, Line Construction	2025 2024	3	Updated Project Schedule Unanticipated Legal Complexity
Columbus SS, DIC, Transformer Replacement	2028	3	Customer Driven Project
DPC Clearfield Jct Tap, New T-T East Madison Area Reliability Project	2027 2030	3	Customer Driven Project Solution in Development
Eden – Rock Branch 69kV (Y-106), Rebuild & OPGW	2030	3	Updated Project Schedule
Gateway – Sycamore (6902), 69kV Rebuild Gran Grae - Hillside 69 kV (Y-161), Rebuild & OPGW	2024 2027	3	Updated Project Schedule Updated Project Schedule
Grant County, DIC, New Substation	2027	3	Customer Driven Project
Highland – Hill Valley 138 kV, Construct New Line	2029	3	Solution in Development
Hillman SS, Upgrade Transformer Huiskamp – Division Street Tap 69 kV (Y-132), Rebuild	2024 2028	3	Updated Project Schedule Updated Project Schedule
Huiskamp – Ruskin 69 kV (6937), Partial Rebuild	2025	3	Updated Project Schedule
J1042 North Lake Geneva SS Network Upgrades and Interconnection Facilities J1374 Ebenezer SS Network Upgrades and Interconnection Facilities	2025 2025	3	Updated Project Schedule Updated Project Schedule
J1377 Blitz SS Network Upgrades and Interconnection Facilities	2027	3	Customer Driven Project
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades Kirkwood SS, Power Transformer and Breaker Asset Renewal	2024 2027	3	Updated Project Schedule Updated Project Schedule
Lake Geneva SS, DIC, New Substation	2027	3	Customer Driven Project
Lancaster Transformer Replacement & Substation Rebuild Madison Area Reactive Project	2026 2030	3	Updated Project Schedule Solution in Development
Madison Area Relay Projects	2027	3	Updated Project Schedule
North Beaver Dam Ground Grid Upgrades [J1002 J1003 MPFCA] North Lake Geneva – Walworth 69 kV (Y-41), Partial Rebuild & OPGW	2024 2028	3	Updated Project Schedule Updated Project Schedule
North Monroe – Verona 69 kV (Y-42/Y-208), Rebuild & OPGW	2027	3	Updated Project Schedule
Reedsburg DIC Substation and T-Line Retirements Renewable Reinforcement Project	2026 2029	3	Customer Driven Project Solution in Development
Rock River SS, Bus Rebuild	2025	3	Updated Project Schedule
Rock River SS, DIC, Additional Transformer South Beaver Dam – Hubbard, (Y-134), 69kV Rebuild & OPGW	2024 2026	3	Customer Driven Project Updated Project Schedule
South Beaver Dam – North Beaver Dam 69 kV (Y-59), Uprate	2024	3	Updated Project Schedule
South Beaver Dam – North Beaver Dam, 69kV (Y-59) Line Rebuild & OPGW Spring Green – Wick Drive 69 kV (Y-170), Uprate	2027 2024	3	Updated Project Schedule Updated Project Schedule
Sun Prairie Area Reliability Project	2029	3	Solution in Development
Sun Prarie Park, DIC, Substation Rebuild Union Townline, DIC, Sub Expansion	2024 2026	3	Customer Driven Project Customer Driven Project
Walworth – Brick Church (Y-159), OPGW Addition & Partial Rebuild	2027	3	Updated Project Schedule
Zenda – Katzenberg 69 kV (Y-51 ALE), Partial Rebuild 2nd St. Tap – 30th Ave. 69 kV (N-14), Partial Rebuild	2028 2027	3 4	Updated Project Schedule Updated Project Schedule
Anderson Creek SS, DIC, New SS	2027	4	Customer Driven Project
Aviation – North Fond du Lac 138kV (G111), Line Rebuild	2028	4	Updated Project Schedule
Aviation – Progress – Ellinwood 138kV (X-50), Line Rebuild Butte Des Morts – Neevin 138kV (43021), Rebuild	2028 2024	4	Updated Project Schedule Material Delays
Crivitz SS – Transformer Replacement and Asset Renewal	2024	4	Updated Project Schedule
Edgewater – Lodestar 138kV (X-48/Y-31), Underground cable rebuild Fitzgerald SS – Transformer and Breaker Asset Renewal	2024 2025	4	Updated Project Schedule Updated Project Schedule
Glory Road – Oak St. 69 kV (GLNY41), Partial Rebuild	2028	4	Updated Project Schedule
Hwy V – Structure 123 69 kV (Z-26), Rebuild J1101 Kewaunee SS Network Upgrades and Interconnection Facilities	2026 2026	4	Updated Project Schedule Customer Driven Project
J1253 J1410 J1411 MPFCA Network Upgrades	2024	4	Updated Project Schedule
KC Paper SS DIC, Substation Rebuild KC Paper SS, DIC, Substation Rebuild	2024 2024	4	Customer Driven Project Customer Driven Project
Kewaunee SS, 345kV Wavetrap Replacement	2024	4	Updated Project Schedule
Lakefront SW YD – Revere Dr 69 kV (D-104), Partial Rebuild Lost Dauphin – Oak St 69 kV (E-31), Partial Rebuild	2028 2028	4	Updated Project Schedule Updated Project Schedule
Menominee – 30th Ave. 69 kV (Y-199), Rebuild	2028	4	Updated Project Schedule
Mullet River Area Reliability Project Oconto Falls Municipal SS, DIC, New Substation	2028 2025	4	Updated Project Schedule Customer Driven Project
Plymouth Reliability Project	2025	4	Pending PSCW Approval
		4	Customer Driven Project
Sheboygan County SS, DIC, substation rebuild	2024		Undated Drainet Schodule
Sheboygan County SS, DIC, substation rebuild South Fond du Lac SS, Power Transformer and Breaker Asset Renewal Sunset Point – Bowen Street (E-5), 69kV, uprate	2028 2024	4	Updated Project Schedule Updated Project Schedule
Sheboygan County SS, DIC, substation rebuild South Fond du Lac SS, Power Transformer and Breaker Asset Renewal Sunset Point – Bowen Street (E-S), 69kV, uprate Tower Dr – Pulliam (P-16/R-70), Partial Rebuild	2028 2024 2028	4 4 4	Updated Project Schedule Updated Project Schedule
Sheboygan County SS, DIC, substation rebuild South Fond du Lac SS, Power Transformer and Breaker Asset Renewal Sunset Point – Bowen Street (E-5), 69kV, uprate	2028 2024	4 4 4 4	Updated Project Schedule
Sheboygan County SS, DIC, substation rebuild South Fond du Lac SS, Power Transformer and Breaker Asset Renewal Sunset Point – Bowen Street (E-S), 69kV, uprate Tower Dr – Pulliam (P-16/R-70), Partial Rebuild Waupun – Str 127484 69 kV (Y-25), Partial Rebuild & OPGW Wells St. DIC – New West Marinette-Wells St. 69 kV line Winnebago County, New DIC	2028 2024 2028 2025 2024 2026	4 4 4 4 4	Updated Project Schedule Updated Project Schedule Updated Project Schedule Updated Project Schedule Distrubutin System Constraints Customer Driven Project
Sheboygan County SS, DIC, substation rebuild South Fond du Lac SS, Power Transformer and Breaker Asset Renewal Sunset Point – Bowen Street (E-5), 69kV, uprate Tower Dr – Pulliam (P-16/R-70), Partial Rebuild Waupun – Str 127484 69 kV (V-25), Partial Rebuild & OPGW Wells St. DIC – New West Marinette-Wells St. 69 kV line	2028 2024 2028 2025 2024	4 4 4 4	Updated Project Schedule Updated Project Schedule Updated Project Schedule Distrubutin System Constraints

Cornell SS 138 kV, Flow Control Device	2028	5	Updated Project Schedule
Cornell SS 61443/61451 Reconfiguration	2024	5	Updated Project Schedule
Cottonwood – Summit Underground Fiber	2024	5	Updated Project Schedule
Dewey SS, Breaker and Switches Asset Renewal	2024	5	Updated Project Schedule
Everett GIS Asset Renewal	2026	5	Updated Project Schedule
Forest Junction – Cypress – Arcadian 345kV (971L51 and LCYP31), Uprate	2030	5	Solution in Development
Granville SS, Control House and Relay Replacement and Asset Renewal	2025	5	Updated Project Schedule
Harbor – Russel Terminal 138 kV (893K11), Rebuild	2029 2027	5 5	Updated Project Schedule Solution in Development
Mill Road – Granville Project Milwaukee Area Reactive Power Project	2030	5	Solution in Development Solution in Development
Milwaukee Leased Dark Fiber Retirement Plan	2027	5	Updated Project Schedule
Racine 345 kV Capacitor Bank Addition	2027	5	Updated Project Schedule
	2027	5	Updated Project Schedule
WisDOT I-94 Stadium Group of Projects			
Communication Reliability Program 2021	2025	Various	Program of Projects
Communication Reliability Program 2024	2025	Various	Program of Projects
Communication Reliability Program 2025	2027	Various	Program of Projects
Communications Reliability Program 2026	2028	Various	Program of Projects
CRP Substation Ethernet Migration (Phase 2)	2025	Various	Program of Projects
Line Clearance Mitigation Program 2023	2024	Various	Program of Projects
Line Clearance Mitigation Program 2026	2028	Various	Program of Projects
Load Interconnection Program 2021	2027	Various	Program of Projects
Load Interconnection Program 2022	2027	Various	Program of Projects
Load Interconnection Program 2023	2026	Various	Program of Projects
Load Interconnection Program 2024	2026	Various	Program of Projects
Load Interconnection Program 2025	2027	Various	Program of Projects
Load Interconnection Program 2026	2028	Various	Program of Projects
Small Capital Project and Asset Renewal 2020	2024	Various	Program of Projects
Small Capital Project and Asset Renewal Program 2022	2026	Various	Program of Projects
Small Capital Project and Asset Renewal Program 2023	2027	Various	Program of Projects
Small Capital Project and Asset Renewal Program 2024	2030	Various	Program of Projects
Small Capital Project and Asset Renewal Program 2025	2027	Various	Program of Projects
Small Capital Project and Asset Renewal Program 2026	2028	Various	Program of Projects
Substation Technology Package #2 - 2024	2024	Various	Updated Project Schedule
Other Project Changes	In-Service Year	Planning Zone	Reason for Change
Coyne Street SS Relay, Breaker and House Asset Renewal	2028	1	Updated Status and MTEP Appendix
Groenier – Rosholt (ALTE) Tap, 69 kV (Y-71), Partial Rebuild and Rerate	2025	1	Certified in MTEP23
Harrison Tap – Iola 69kV (Y-70), Rebuild & OPGW	2025	1	Certified in MTEP23
Hilltop – Council Creek 69 kV (Y-74), Rebuild & OPGW	2026	1	Status, and MTEP Appendix
Hodag SS DIC, Add Additional Transformer	2025	1	Updated Status to Planned, Certified in MTEP23, Cost
J1751 Young St SS Network Upgrades and Interconnection Facilities	2028	1	Updated Cost, Updated Project Name
North Central WI Reliability Project	2027	1	Certified in MTEP23
Northern Adams County Area Network Improvement Project	2027	1	Certified in MTEP23
Northern Casting Steel Tap, Retire GOAB	2024	1	Update Cost, Certified in MTEP23
Pine – Skanawan Tap – Eastom 115 kV (I-9), OPGW Addition & Partial Rebuild	2029	1	Updated Project Name, Cost, MTEP Cycle/Appendix
Pittsville Area Reliability Project	2028	1	Updated Project Name, MTEP Appendix, and Status
Pittsville Area, DIC, New Substation	2028	1	Updated Cost
Rocky Run SS T2 and T4 Power Transformer Replacement	2027	1	Certified in MTEP23
Saratoga – 7 Mile Creek 138 kV, Construct New Line	2025	1	Updated Status to Proposed, Advanced to Target Appendix A, Cost
Sigel – Vesper 69 kV (Y-108/Y-107), Partial Rebuild	2026	1	Updated Project Name, Cost
Tommy's Turnpike, DIC, New Sub	2025	1	Updated Status to Planned, Certified in MTEP23, Cost
Waupaca Area Energy Storage Project	2024	1	Updated Status to Planned, Cost
Weston – Sherman Street, 115kV line (Z-52), uprate	2024	1	Updated Cost
Atlantic – Osceola 69kV (Laurium2), Re-insulate	2025	2	Updated Project Status, MISO Appendix, and Cost
Benson Lake SVC SCM Layer Asset Renewal	2026	2	Certified in MTEP23
Chandler – Delta 69 kV (Delta1), Rebuild and OPGW	2026	2	Updated Status to Planned, Certified in MTEP23
Cornell Tap – Watson Tap 69kV (Chandler), Partial Rebuild	2028	2	Certified in MTEP23, Updated Cost
		2	Certified in MTEP23, Updated Status and MTEP Appendix
IDelta County, DIC, Ungrades			
Delta County, DIC, Upgrades East LLP, DIC, Load Additions	2027	2	Undated Cost
East U.P., DIC, Load Additions	2025	2	Updated Cost Lindated Status to Planned Certified in MTEP23 Lindated Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate	2025 2024	2	Updated Status to Planned, Certified in MTEP23, Updated Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (PI605), OPGW Addition	2025 2024 2026	2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (PI605), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition	2025 2024 2026 2026	2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (P1605), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition J1251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities	2025 2024 2026 2026 2026 2025	2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost Certified in MTEP23
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (Pi605), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition 11251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities Marquette County Reactive Power Project	2025 2024 2026 2026 2025 2025	2 2 2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost Certified in MTEP23 Updated Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (Pi60S), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition 11251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities Marquette County Reactive Power Project Munising Area Reactive Power Project	2025 2024 2026 2026 2025 2025 2025 2026	2 2 2 2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost Updated Cost Certified in MTEP23 Updated Cost Updated Cost Updated Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (Pi605), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition 1251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities Marquette County Reactive Power Project Munising Area Reactive Power Project National – Presque Isle (446) Re-Insulate & OPGW	2025 2024 2026 2026 2025 2025 2025 2026 2026	2 2 2 2 2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost Updated Cost Certified in MTEP23 Updated Cost Updated Cost Updated Cost Updated Cost
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (Pi605), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition 11251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities Marquette County Reactive Power Project Munising Area Reactive Power Project National – Presque Isle (446) Re-Insulate & OPGW Perch Lake – National 138kV (468) Partial Retirement Project	2025 2024 2026 2026 2025 2025 2025 2026 2026 2026	2 2 2 2 2 2 2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost Certified in MTEP23 Updated Cost Updated Cost Updated Cost Updated Cost Certified in MTEP23 Certified in MTEP23
East U.P., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (Pi60S), OPGW Addition Freeman – Presque Isle (Pi60S), OPGW Addition 11251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities Marquette County Reactive Power Project Mulising Area Reactive Power Project National – Presque Isle (446) Re-Insulate & OPGW Perch Lake – National 138kV (468) Partial Retirement Project Pine Hy Tap – Pine Hy 69kV (ASPY31-1), Rebuild & OPGW	2025 2024 2026 2026 2025 2025 2026 2026 2026 2026	2 2 2 2 2 2 2 2 2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Project Name and Cost Updated Cost Updated Cost Certified in MTEP23 Updated Cost Updated Cost Updated Cost Updated Cost Certified in MTEP23, Updated Cost Certified in MTEP23
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East LP., DIC, Load Additions Forsyth – Empire 138kV (Forsyth), Rerate Freeman – Presque Isle (Pi605), OPGW Addition Freeman – Presque Isle (Pi605), OPGW Addition Freeman – Presque Isle (X-118), OPGW Addition IZ551 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities Marquette County Reactive Power Project Munising Area Reactive Power Project Munising Area Reactive Power Project National – Presque Isle (46) Re-Insulate & OPGW Perch Lake – National 138kV (468) Partial Retirement Project Pine Hy Tap – Pine Hy 69kV (ASPY31-1), Rebuild & OPGW Portage St. – 3 Mile 69 kV (6901/ESE, 6902), Re-insulate & Underground Fiber Presque Isle – Huron 138 kV, (X-118), Rerate Presque Isle – Huron 138 kV, (X-118), Rerate Presque Isle – Huron 138 kV, (X-118), Rerate Presque Isle SS Breaker and Relay Asset Renewal Academy – Columbus 69kV (Y-21), Rebuild Artesian SS, DIC, Terminal Connection Belleville SS, DIC, Substation Rebuild Beloit Area DIC, New Substation Berodhead SS, Breaker, Switches and RTU Asset Renewal Browntown – South Monroe 69 kV (Y-155), Rebuild Columbia SS Power Transformer Asset Renewal Browntown – South Monroe 69 kV (Y-155), Rebuild Columbia SS Power Transformer Asset Renewal Guba City South, DIC, Sub Expansion Dam Heights – Kirkwood 69 kV (Y-155), Partial Rebuild DPC Clearfield Lt Tap, New T-T East Madison Area Reliability Project Eden – Rock Branch 69kV (Y-106), Rebuild & OPGW Eden SS Relay and House Asset Renewal Gateway – Sycamore 69 kV (6902), Rebuild Gran Grae – Hillside 69 kV (Y-161), Rebuild & OPGW Eden SS Relay and House Asset Renewal Gateway – Division Street Tap 69 kV (Y-132), Rebuild 11214 11326 11377 J1410 J1411 MPFCA Network Upgrades 11304 11305 11460 MMPFCA Network Upgrades and Interconnection Facilities 11374 Ebenezer SS Network Upgrades and Interconnection Facilities 11460 Sunrise SS Network Upgrades and Interconnection Facilities 11478 Jill Valley SS Network Upgrades and Interconnection Facilities	2025 2024 2026 2026 2026 2025 2026 2026 2027 2027 2027 2027 2027 2027	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Updated Status to Planned, Certified in MTEP23, Updated Cost Updated Status to Planned, Certified in MTEP23 Updated Project Name and Cost Updated Project Name, Need Category Updated Project Name, Need Category Updated Project Name, Cost Updated Status, and MTEP Appendix Updated Project Name, Cost Updated Project Name, Cost Updated Project Status, MTEP Appendix Updated Project Status, MTEP Appendix, Cost Certified in MTEP23 Updated Cost
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Portage SS Relay and Breaker Asset Renewal Reedsburg DIC Substation and T-Line Retirements	2028 2025	3	Updated Status and MTEP Appendix
Renewable Reinforcement Project	2025	3	Updated Cost Updated Cost
Rock River SS and Remote Ends Asset Renewal	2028	3	Updated Status and MTEP Appendix, Cost
Rock River SS, Bus Rebuild	2025	3	Certified in MTEP23, Updated Cost
Rock River SS, DIC, Additional Transformer	2024	3	Updated Status to Planned, Certified in MTEP23, Updated Cost
South Beaver Dam – North Beaver Dam, 69kV (Y-59) Line Rebuild & OPGW	2026	3	Certified in MTEP23
Stoughton SS, DIC, Substation Retirement	2025	3	Updated Status to Planned, Certified in MTEP23
Sun Prairie Area Reliability Project	2029	3	Updated MTEP Appendix and Status, Cost
Sun Prarie Park, DIC, Substation Rebuild	2024	3	Updated Cost
Union Townline, DIC, Sub Expansion	2026	3	Updated Cost
Walnut – Blount 69 kV, Construct New Line	2028 2027	3	Updated Cost
Walworth – Brick Church (Y-159), OPGW Addition & Partial Rebuild West Middleton – Str 36 69 kV (6967/6963), Rebuild Green Poles (CAC/CCA/SX) Replacements	2027	3	Updated Status to Planned, Certified in MTEP23, Updated Cost
Wick Drive – Black Earth 69kV (Y-62), OPGW Addition & Partial Rebuild	2026	3	Updated Status and MTEP Appendix Updated Status to Planned, Certified in MTEP23
Zenda – Katzenberg 69 kV (Y-51 ALE), Partial Rebuild	2028	3	Updated Project Name, Cost
2nd St. Tap – 30th Ave. 69 kV (N-14), Partial Rebuild	2027	4	Updated Status, MTEP Appendix, Cost
Anderson Creek SS, DIC New SS	2024	4	Updated Cost
Anderson Creek SS, DIC, New SS	2024	4	Updated Cost
Aviation – North Fond du Lac 138kV (G111), Line Rebuild	2027	4	Certified in MTEP23
Aviation – Progress – Ellinwood 138kV (X-50), Line Rebuild	2028	4	Updated Project Name, Cost
Badger SS Control House, Breaker, and Relay Asset Renewal	2026	4	Update Cost
Butte Des Morts – Neevin 138kV (43021), Rebuild	2024	4	Updated Cost
Danz Ave SW STA – University (WPS) 69kV (O-15), underground rebuild & OPGW	2026	4	Updated Cost
East Krok Transformer Replacement	2027	4	Updated Status to Planned, Certified in MTEP23
Edgewater – Lodestar 138kV (X-48/Y-31), Underground cable rebuild	2024	4	Updated Cost
Edgewater SS, Bus Reconfiguration Ellinwood – Progess 138kV (X-50), Line Rebuild	2025 2027	4	Updated Cost Certified in MTEP23
Ellinwood – Progess 138kV (X-5u), Line Rebuild Ellisville SS, DIC, New Substation	2027	4	Certified in MTEP23 Certified in MTEP23
Finger Road SS Relays and Remote Ends Asset Renewal	2028	4	Updated Status and MTEP Appendix
Forest Junction SS and Remote End Relay Asset Renewal	2027	4	Updated Status, MTEP Appendix, Cost
Glory Road – Oak St. 69 kV (GLNY41), Partial Rebuild	2028	4	Updated Status, MTEP Appendix, and Cost
High Falls – Mountain 69kV (Y-77), Partial rebuild	2028	4	Certified in MTEP23
Highway V SS Power Transformers Asset Renewal	2028	4	Updated Cost
Hwy V – Structure 123 69 kV (Z-26), Rebuild	2026	4	Updated Project Name, Cost
J1253 El Dorado SS Network Upgrades and Interconnection Facilities	2027	4	Certified in MTEP23
J1253 J1410 J1411 MPFCA Network Upgrades	2025	4	Certified in MTEP23
KC Paper SS DIC, Substation Rebuild	2024	4	Updated Cost
Kewaunee SS, 345kV Wavetrap Replacement	2024	4	Certified in MTEP23
Lakefront SW YD – Revere Dr 69 kV (D-104), Partial Rebuild	2028	4	Updated Project Name, Status, MTEP Appendix, and Cost
Lost Dauphin – Oak St 69 kV (E-31), Partial Rebuild	2028	4	Updated Cost
Menominee – 30th Ave. 69 kV (Y-199), Rebuild	2028	4	Updated Status, MTEP Appendix, Project Name, Cost
Mullet River Area Reliability Project North Appleton SS – Transformer Replacement and Asset Renewal	2028 2024	4	Updated Cost Updated Cost
Northeast – Revere Dr 69kV (C-103) Uprate or Rebuild	2024	4	Certified in MTEP23
Oconto Falls Municipal SS, DIC, New Substation	2025	4	Updated Cost
Ohmstead SS Control House and Relay Asset Renewal	2026	4	Certified in MTEP23
Pioneer – Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV	2024	4	Updated Cost
Plymouth Reliability Project	2025	4	Updated Project Name
Progress – Aviation 138kV (X-50), Line Rebuild	2027	4	Certified in MTEP23
Riverside (ALTE) – Erdman 69 kV (Y-82/X-64/X-37), Rebuild	2028	4	Updated Cost
Shoto – Northeast 69kV (K-11), Rebuild	2030	4	Certified in MTEP23
Shoto SS Power Transformer Asset Renewal	2026	4	Certified in MTEP23
South Fond du Lac SS, Power Transformer and Breaker Asset Renewal	2028	4	Certified in MTEP23, Updated Project Status
Sunset Point – Bowen Street (E-5), 69kV, uprate	2024	4	Updated Cost
Tower Dr – Pulliam (P-16/R-70), Partial Rebuild	2027	4	Updated Project Status, Cost
Valders SS, New 138/69 kV Substation Waupun – Str 127484 69 kV (Y-25), Partial Rebuild & OPGW	2028 2025	4	Certified in MTEP23 Updated Status to Planned, Certified in MTEP23, Project Name, Cost
Winnebago County, New DIC	2026	4	Updated MTEP Appendix, and Status
Y-60/Y-114 Network Reinforcement Project	2027	4	Updated Need Category
Arcadian SS, Power Transformer and Control House Replacement and Asset Renewa	2024	5	Updated Need ediegory
Cornell SS 138 kV, Flow Control Device	2028	5	Updated Project Name, Status to Provisional
Cornell SS 61443/61451 Reconfiguration	2025	5	Certified in MTEP23, Updated Cost
Cottonwood – Summit Underground Fiber	2024	5	Updated Cost
Dewey SS, Breaker and Switches Asset Renewal	2024	5	Updated Cost
Everett GIS Asset Renewal	2026	5	Updated Cost
Forest Junction – Cypress – Arcadian 345kV (971L51 and LCYP31), Uprate	2030	5	Updated Project Name, Cost
Granville – Bluemound Corridor Rebuild	2028	5	Updated Cost
J1316 Paris SS Network Upgrades	2028	5	Certified in MTEP23
Lincoln – 43rd Street Terminal 138 kV (5053), Replace with double circuit duct bank and XLPE	2027	5	Updated Cost
cable Mill Road – Granville Project	2027	5	Updated MTEP Appendix, Status, Cost, Updated Project Name
Milwaukee Area 230 kV Conversion To 345 kV Project	2027	5	Updated MTEP Appendix, Status, Cost, Updated Project Name Updated Cost
Milwaukee Area 230 kV Conversion 10 345 kV Project Milwaukee Leased Dark Fiber Retirement Plan		5	Updated Cost Updated Cost
Pleasant Prairie 345 kV Capacitor Bank Addition	2027		
Racine 345 kV Capacitor Bank Addition	2027 2025		
Racine County Western Feed Transmission Line Project	2025	5	Updated Cost, Certified in MTEP23
	2025 2027	5 5	Updated Cost, Certified in MTEP23 Certified in MTEP23
Racine County, DIC, Jupiter Substation	2025	5	Updated Cost, Certified in MTEP23
Racine County, DIC, Jupiter Substation Racine County, DIC, Mount Pleasant Substation Expansion	2025 2027 2027	5 5 5	Updated Cost, Certified in MTEP23 Certified in MTEP23 Updated MTEP Appendix
Racine County, DIC, Mount Pleasant Substation Expansion Racine County, DIC, Nimbus Substation	2025 2027 2027 2027 2027 2025 2025	5 5 5 5 5 5	Updated Cost, Certified in MTEP23 Certified in MTEP23 Updated MTEP Appendix Updated Project Name, Cost and MTEP Appendix Updated MTEP Appendix Updated Status, MISO EPR Approved, Cost, Updated Project Name
Racine County, DIC, Mount Pleasant Substation Expansion Racine County, DIC, Nimbus Substation Racine County, DIC, Stratus Substation	2025 2027 2027 2027 2027 2025 2025 2025	5 5 5 5 5 5 5	Updated Cost, Certified in MTEP23 Certified in MTEP23 Updated MTEP Appendix Updated MTEP Appendix Updated MTEP Appendix Updated MTEP Appendix Updated Status, MISO EPR Approved, Cost, Updated Project Name Updated MTEP Appendix
Racine County, DIC, Mount Pleasant Substation Expansion Racine County, DIC, Nimbus Substation Racine County, DIC, Stratus Substation West Junction SS 138 kV Sectionalizing	2025 2027 2027 2027 2025 2025 2025 2027 2026	5 5 5 5 5 5 5 5	Updated Cost, Certified in MTEP23 Certified in MTEP23 Updated MTEP Appendix Updated Project Name, Cost and MTEP Appendix Updated MTEP Appendix Updated MTEP Appendix Updated Status, MISO EPR Approved, Cost, Updated Project Name Updated MTEP Appendix Updated Gost
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