

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

Projects Cancelled, Withdrawn	In-Service Year	Planning Zone	Reason
Portage County, DIC, New Substation	2026	1	Project need driver rescinded
Birnamwood SS, DIC, New Substation	2027	1	Project need driver rescinded
Delta County, DIC, Upgrades Phase II	2027	2	Project need driver rescinded
Eastern UP, new DIC	2026	2	Project need driver rescinded
Ontonagon County SS, DIC, New Substation	2026	2	Project need driver rescinded
Delta County, DIC, Upgrades	2027	2	Project need driver rescinded
Eastern U.P., DIC, Upgrades	2027	2	Project need driver rescinded
Black Earth, DIC, Sub Expansion	2026	3	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 unnecessary
Highway V – Preble 138 kV (X-154), Reconductor	2025	4	Project need driver rescinded
Howard – Str 496 138 kV (MSG41/X-76), Partial Rebuild to Double Circuit	2025	4	Project need driver rescinded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	Other project in MKE area to cover this need
Racine County, DIC, Wisconsin Valley Substation	2026	5	Project no longer needed
Rosecrans SS, New 345 kV Substation and Interconnecting Lines	2029	5	Project no longer needed
Communication Reliability Program 2025	2027	Various	No projects were submitted to Program
New Projects	In-Service Year	Planning Zone	Project Type
Portage County, DIC, New Substation	2026	1	T-D Interconnection
Sand Lake – Hancock 69 kV (Y-90), Uprate	2025	1	Operational Flexibility
J1573 Plover SS Network Upgrades and Interconnection Facilities	2028	1	G-T Interconnection
J1513 Clintonville Swt St Network Upgrades and Interconnection Facilities	2028	1	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	2028	1	Condition and Performance
Arpin SS Power Transformer Asset Renewal	2028	1	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	2028	1	Age and Condition
J1508 POI SS Network Upgrades and Interconnection Facilities	2029	1	G-T Interconnection
J1814 Nordic SS Network Upgrades and Interconnection Facilities	2028	2	G-T Interconnection
Silver River – North Lake 138 kV (NLKG31), Rebuild	2029	2	Condition and Performance
Watersmeet – Land O Lakes 69 kV (6530), Rebuild	2028	2	Condition and Performance
Line ILKY31 and 6912 Grounding Improvement	2025	2	Condition and Performance
East U.P., DIC, Load Additions	2025	2	T-D Interconnection
Empire Mine – Huron 138 kV (X-119), OPGW Addition	2027	2	Communication
J1304 Big Hill Park SS Network Upgrades and Interconnection Facilities	2023	3	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	2026	3	T-D Interconnection
Oak Ridge, DIC, Additional Transformer and Bus Tie	2025	3	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	2025	3	Reliability, Operational Flexibility
J1773 Edmund Swt St Network Upgrades and Interconnection Facilities	2030	3	G-T Interconnection
J1781 Hill Valley SS Network Upgrades and Interconnection Facilities	2030	3	G-T Interconnection
Columbia SS Power Transformer Asset Renewal	2028	3	Condition and Performance
Portage SS Relay and Breaker Asset Renewal	2028	3	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	2028	3	Condition and Performance
Zenda Tap – Katzenberg 69 kV (Y-51 ALE), Partial Rebuild Green Poles	2028	3	Condition and Performance
Huiskamp – Division Street Tap 69 kV (Y-132), Rebuild	2028	3	Condition and Performance
Baraboo SS, DIC, Substation Relocation	2027	3	T-D Interconnection
Syene SS, DIC, Upgrade Surge Arrestors	2025	3	T-D Interconnection
Wick Drive SS, DIC, Transformer Addition	2025	3	T-D Interconnection
Dodge County, DIC, New Substation	2027	3	T-D Interconnection
Sunrise – Johnstown – Whitewater 138 kV (X-181, 4434), Uprate	2027	3	Operational Flexibility, T-D Int.
Bristol – Elkhorn 138 kV (X-81), Uprate	2027	3	Operational Flexibility, T-D Int.
Potosi SS, DIC, Sub Relocation to Tennyson	2025	3	T-D Interconnection
Poynette SS, DIC, Sub Rebuild & Tap Switch Relocation	2027	3	T-D Interconnection
BOC Gasses Tap – Town Line Rd 138 kV (X-111), Rebuild	2027	3	Reliability
Hillside SS Breaker & Instrument Transformer Asset Renewal	2028	3	Condition and Performance
Beloit Area DIC, New Substation	2027	3	T-D Interconnection
Belleville SS, DIC, Substation Rebuild	2026	3	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	2027	3	Reliability
Huiskamp – Ruskin 69 kV (6937), OPGW Addition	2026	3	Communication
J1706 North Monroe SS Network Upgrades and Interconnection Facilities	2029	3	G-T Interconnection
J1629 POI SS Network Upgrades and Interconnection Facilities	2030	3	G-T Interconnection
Howard – Str 496 138 kV (MSG41/X-76), Partial Rebuild to Double Circuit	2025	4	Condition and Performance
Kaukauna Central Tap – Melissa 138 kV (971K11), Rerate	2025	4	Line Clearance
Northwest Ripon SS Capacitor Bank Retirement	2027	4	Condition and Performance
J1716 Eldorado SS Network Upgrades	2027	4	G-T Interconnection
J1615 Morgan SS Network Upgrades and Interconnection Facilities	2028	4	G-T Interconnection
Highway V SS Power Transformers Asset Renewal	2028	4	Condition and Performance
Finger Road SS Relays and Remote Ends Asset Renewal	2028	4	Condition and Performance
Greenleaf SS, DIC, Transformer Addition	2025	4	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	2025	4	T-D Interconnection
7th Street SS, DIC, Transformer Addition	2025	4	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 & Instrument Transformers Asset Renewal	2024	4	Age and Condition
Huebner SS, DIC, Transformer Addition	2027	4	T-D Interconnection
J1793 Holland SS Network Upgrades	2025	4	G-T Interconnection
J1745 Fitzgerald SS Network Upgrades and Interconnection Facilities	2029	4	G-T Interconnection
West Junction SS 138 kV Sectionalizing	2026	5	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	2025	5	T-D Interconnection
Racine County, DIC, Cosmos Substation	2027	5	T-D Interconnection
Racine County Western Feed Transmission Line Project	2027	5	T-D Interconnection
Racine County, DIC, Wisconsin Valley Substation	2026	5	T-D Interconnection
Rosecrans SS, New 345 kV Substation and Interconnecting Lines	2029	5	Reliability
Oak Creek – Oakview 138 kV (836), Uprate	2027	5	Operational Flexibility
Elm Road Generation POI Relocation Project	2026	5	G-T Interconnection
PLPL81 and W-30 345 kV Line, Uprate	2027	5	Reliability
Mukwonago – University 138 kV (UNIG52), Rebuild	2031	3, 5	Condition and Performance
Substation Technology Package #2 - 2025	2025	Various	Communication
Substation Technology Package #2 – 2026	2026	Various	Communication
Small Capital Project and Asset Renewal Program 2027	2029	Various	Condition and Performance

Communications Reliability Program 2027	2029	Various	Communication
Line Clearance Mitigation Program 2027	2029	Various	T-D Interconnection
Load Interconnection Program 2027	2029	Various	Line Clearance
<b>Projects ISY Changes</b>	<b>In-Service Year</b>	<b>Planning Zone</b>	<b>Reason For Change</b>
Birnamwood SS, DIC, New Substation	2026	1	Customer Driven Project
Chaffee Creek – Lincoln Pump Station 69kV (Y-18), Rebuild	2024	1	Updated Project Schedule
Dixie SS, DIC, New Substation	2025	1	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	2026	1	Updated Project Schedule
Hodag SS DIC, Add Additional Transformer	2025	1	Customer Driven Project
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	2026	1	Customer Driven Project
Lincoln Pump Station – McKenna 69kV (Y-145), Rebuild	2025	1	Updated Project Schedule
North Central WI Reliability Project	2028	1	Updated Project Schedule
Pine – Skanawan Tap Structure (I-9), OPGW Addition & Partial Rebuild	2029	1	Solution in Development
Saratoga – 7 Mile Creek 138 kV, Construct New Line	2027	1	Updated Project Schedule
Waupaca Area Energy Storage Project	2025	1	Delay in Studies
Wautoma SS – Port Edwards SS, 138kV (X-11), Uprate [J986 J1002 MPFCA]	2024	1	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	2026	2	Updated Project Schedule
Cornell Tap – Watson Tap 69kV (Chandler), Partial Rebuild	2028	2	Updated Project Schedule
Eastern UP, new DIC	2026	2	Customer Driven Project
Forsyth – Empire 138kV (Forsyth), Rerate	2025	2	Updated Project Schedule
Marquette County Reactive Power Project	2025	2	Updated Project Schedule
Munising Area Reactive Power Project	2026	2	Updated Project Schedule
National – Presque Isle (446) Re-Insulate & OPGW	2026	2	Updated Project Schedule
North Lake – Greenstone 69kV (NLKY11), Rebuild	2031	2	Updated Project Schedule
Ontonagon County SS, DIC, New Substation	2026	2	Customer Driven Project
Perch Lake – National 138kV (468), Partial Retirement Project	2026	2	Updated Project Schedule
Pine River – Mich Limestone Loading Dock 69 kV (ESE_6906), Rebuild	2027	2	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	2026	2	Updated Project Schedule
Western Marquette County DIC	2024	2	Customer Driven Project
Academy – Columbus 69kV (Y-21), Rebuild	2027	3	Updated Project Schedule
Artesian SS, DIC – Terminal Connection	2026	3	Customer Driven Project
Belleville SS, DIC, Substation Rebuild	2026	3	Customer Driven Project
Bonnie Road, DIC, New Substation	2027	3	Customer Driven Project
Browtown – South Monroe 69 kV (Y-155), Rebuild	2025	3	Updated Project Schedule
Cardinal – Hickory Creek 345kV, Line Construction	2024	3	Unanticipated Legal Complexity
Columbus SS, DIC, Transformer Replacement	2028	3	Customer Driven Project
DPC Clearfield Jct Tap, New T-T	2027	3	Customer Driven Project
East Madison Area Reliability Project	2030	3	Solution in Development
Eden – Rock Branch 69kV (Y-106), Rebuild & OPGW	2030	3	Updated Project Schedule
Gateway – Sycamore (6902), 69kV Rebuild	2024	3	Updated Project Schedule
Gran Grae – Hillside 69 kV (Y-161), Rebuild & OPGW	2027	3	Updated Project Schedule
Grant County, DIC, New Substation	2028	3	Customer Driven Project
Highland – Hill Valley 138 kV, Construct New Line	2029	3	Solution in Development
Hillman SS, Upgrade Transformer	2024	3	Updated Project Schedule
Huiskamp – Division Street Tap 69 kV (Y-132), Rebuild	2028	3	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	2025	3	Updated Project Schedule
J1374 Ebenezer SS Network Upgrades and Interconnection Facilities	2025	3	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	2024	3	Updated Project Schedule
Kirkwood SS, Power Transformer and Breaker Asset Renewal	2027	3	Updated Project Schedule
Lake Geneva SS, DIC, New Substation	2027	3	Customer Driven Project
Lancaster Transformer Replacement & Substation Rebuild	2026	3	Updated Project Schedule
Madison Area Reactive Project	2030	3	Solution in Development
Madison Area Relay Projects	2027	3	Updated Project Schedule
North Beaver Dam Ground Grid Upgrades [J1002 J1003 MPFCA]	2024	3	Updated Project Schedule
North Lake Geneva – Walworth 69 kV (Y-41), Partial Rebuild & OPGW	2028	3	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	2026	3	Customer Driven Project
Renewable Reinforcement Project	2029	3	Solution in Development
Rock River SS, Bus Rebuild	2025	3	Updated Project Schedule
Rock River SS, DIC, Additional Transformer	2024	3	Customer Driven Project
South Beaver Dam – Hubbard, (Y-134), 69kV Rebuild & OPGW	2026	3	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	2027	3	Updated Project Schedule
Spring Green – Wick Drive 69 kV (Y-170), Uprate	2024	3	Updated Project Schedule
Sun Prairie Area Reliability Project	2029	3	Solution in Development
Sun Prairie Park, DIC, Substation Rebuild	2024	3	Customer Driven Project
Union Townline, DIC, Sub Expansion	2026	3	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	2028	3	Updated Project Schedule
2nd St. Tap – 30th Ave. 69 kV (N-14), Partial Rebuild	2027	4	Updated Project Schedule
Anderson Creek SS, DIC, New SS	2024	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	2028	4	Updated Project Schedule
Butte Des Morts – Neevin 138kV (43021), Rebuild	2024	4	Material Delays
Crivitz SS – Transformer Replacement and Asset Renewal	2024	4	Updated Project Schedule
Edgewater – Lodestar 138kV (X-48/Y-31), Underground cable rebuild	2024	4	Updated Project Schedule
Fitzgerald SS – Transformer and Breaker Asset Renewal	2025	4	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	2026	4	Updated Project Schedule
J1101 Kewaunee SS Network Upgrades and Interconnection Facilities	2026	4	Customer Driven Project
J1253 J1410 J1411 MPFCA Network Upgrades	2024	4	Updated Project Schedule
KC Paper SS DIC, Substation Rebuild	2024	4	Customer Driven Project
KC Paper SS, DIC, Substation Rebuild	2024	4	Customer Driven Project
Kewaunee SS, 345kV Wavetrap Replacement	2024	4	Updated Project Schedule
Lakefront SW YD – Revere Dr 69 kV (D-104), Partial Rebuild	2028	4	Updated Project Schedule
Lost Dauphin – Oak St 69 kV (E-31), Partial Rebuild	2028	4	Updated Project Schedule
Menominee – 30th Ave. 69 kV (Y-199), Rebuild	2028	4	Updated Project Schedule
Mullet River Area Reliability Project	2028	4	Updated Project Schedule
Oconto Falls Municipal SS, DIC, New Substation	2025	4	Customer Driven Project
Plymouth Reliability Project	2026	4	Pending PSCW Approval
Sheboygan County SS, DIC, substation rebuild	2024	4	Customer Driven Project
South Fond du Lac SS, Power Transformer and Breaker Asset Renewal	2028	4	Updated Project Schedule
Sunset Point – Bowen Street (E-5), 69kV, uprate	2024	4	Updated Project Schedule
Tower Dr – Pulliam (P-16/R-70), Partial Rebuild	2028	4	Updated Project Schedule
Waupun – Str 127484 69 kV (Y-25), Partial Rebuild & OPGW	2025	4	Updated Project Schedule
Wells St. DIC – New West Marinette-Wells St. 69 kV line	2024	4	Distrubutin System Constraints
Winnebago County, New DIC	2026	4	Customer Driven Project
Woodenshoe SS, DIC, Transformer Replacement	2024	4	Customer Driven Project
Y-60/Y-114 Network Reinforcement Project	2028	4	Solution in Development
Arcadian SS, Power Transformer and Control House Replacement and Asset Renewa	2024	5	Updated Project Schedule

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	5	Updated Project Schedule
Mill Road – Granville Project	2027	5	Solution in Development
Milwaukee Area Reactive Power Project	2030	5	Solution in Development
Milwaukee Leased Dark Fiber Retirement Plan	2027	5	Updated Project Schedule
Racine 345 kV Capacitor Bank Addition	2024	5	Updated Project Schedule
WisDOT I-94 Stadium Group of Projects	2027	5	Updated Project Schedule
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
<b>Other Project Changes</b>	<b>In-Service Year</b>	<b>Planning Zone</b>	<b>Reason for Change</b>
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
Delta County, DIC, Upgrades	2027	2	Certified in MTEP23, Updated Status and MTEP Appendix
East U.P., DIC, Load Additions	2025	2	Updated Cost
Forsyth – Empire 138kV (Forsyth), Rerate	2024	2	Updated Status to Planned, Certified in MTEP23, Updated Cost
Freeman – Presque Isle (Pi605), OPGW Addition	2026	2	Updated Project Name and Cost
Freeman – Presque Isle (X-118), OPGW Addition	2026	2	Updated Cost
J1251 Summer Meadow Swt Station Network Upgrades and Interconnection Facilities	2025	2	Certified in MTEP23
Marquette County Reactive Power Project	2025	2	Updated Cost
Munising Area Reactive Power Project	2026	2	Updated Cost
National – Presque Isle (446) Re-Insulate & OPGW	2026	2	Updated Cost
Perch Lake – National 138kV (468) Partial Retirement Project	2025	2	Certified in MTEP23, Updated Cost
Pine Hy Tap – Pine Hy 69kV (ASPY31-1), Rebuild & OPGW	2027	2	Certified in MTEP23
Portage St – 3 Mile 69 kV (6901/ESE 6902), Re-insulate & Underground Fiber	2025	2	Updated Cost
Presque Isle – Huron 138 kV (X-118), Rerate	2026	2	Updated Cost
Presque Isle – Huron, 138 kV, (X-118), Rerate	2025	2	Certified in MTEP23
Presque Isle SS Breaker and Relay Asset Renewal	2027	2	Updated Project Cost
Academy – Columbus 69kV (Y-21), Rebuild	2027	3	Updated Cost
Artesian SS, DIC – Terminal Connection	2024	3	Updated Certified in MTEP23
Belleville SS, DIC, Substation Rebuild	2026	3	Certified in MTEP23, Updated Cost
Beloit Area DIC, New Substation	2027	3	Updated Cost
Brodhead SS, Breakers, Switches and RTU Asset Renewal	2026	3	Certified in MTEP23
Browntown – South Monroe 69 kV (Y-155), Rebuild	2025	3	Updated Cost
Columbia SS Power Transformer Asset Renewal	2028	3	Updated Cost
Cuba City South, DIC, Sub Expansion	2027	3	Updated Cost
Dam Heights – Kirkwood 69 kV (Y-75), Partial Rebuild	2028	3	Updated Project Name and Cost
DPC Clearfield Jct Tap, New T-T	2027	3	Updated Status to Planned, Certified in MTEP23
East Madison Area Reliability Project	2024	3	Updated Project Name, Need Category
Eden – Rock Branch 69kV (Y-106), Rebuild & OPGW	2030	3	Updated Project Name, Status, MTEP Appendix, Cost
Eden SS Relay and House Asset Renewal	2028	3	Updated Status and MTEP Appendix
Gateway – Sycamore 69 kV (6902), Rebuild	2026	3	Updated Cost
Gran Grae – Hillside 69 kV (Y-161), Rebuild & OPGW	2027	3	Updated Project Name, Cost
Grant County, DIC, New Substation	2028	3	Updated Status, and MTEP Appendix, Updated Cost
Huiskamp – Division Street Tap 69 kV (Y-132), Rebuild	2028	3	Updated Project Status, MTEP Appendix, Cost
J1214 J1326 J1377 J1410 J1411 MPFCA Network Upgrades	2025	3	Certified in MTEP23
J1214 J1326 Rockdale SS Network Upgrades and Interconnection Facilities	2025	3	Certified in MTEP23
J1304 J1305 J1460 MPFCA Network Upgrades	2025	3	Certified in MTEP23
J1374 Ebenezer SS Network Upgrades and Interconnection Facilities	2025	3	Certified in MTEP23
J1377 Blitz SS Network Upgrades and Interconnection Facilities	2026	3	Certified in MTEP23
J1410 J1411 North Arlington Swt St MPFCA & Network Upgrades	2026	3	Certified in MTEP23
J1460 Sunrise SS Network Upgrades and Interconnection Facilities	2025	3	Certified in MTEP23
J1483 Hill Valley SS Network Upgrades and Interconnection Facilities	2026	3	Certified in MTEP23
Kirkwood SS, Power Transformer and Breaker Asset Renewal	2026	3	Certified in MTEP23
Lancaster Transformer Replacement & Substation Rebuild	2025	3	Updated Cost
Madison Area Relay Projects	2026	3	Certified in MTEP23
Manogue Rd SS DIC, New Substation	2025	3	Certified in MTEP23
McCue SS Control House and Relay Asset Renewal	2026	3	Certified in MTEP23
Nelson Dewey – Bloomington (Y-184), 69kV, rebuild & OPGW	2026	3	Updated Cost
North Beaver Dam SS Asset Renewal	2026	3	Certified in MTEP23
North Lake Geneva – Walworth 69 kV (Y-41), Partial Rebuild & OPGW	2028	3	Updated Cost
North Monroe – Verona 69 kV (Y-42/Y-208), Rebuild & OPGW	2027	3	Updated Project Name, Cost

Portage SS Relay and Breaker Asset Renewal	2028	3	Updated Status and MTEP Appendix
Reedsburg DIC Substation and T-Line Retirements	2025	3	Updated Cost
Renewable Reinforcement Project	2031	3	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 Prairie 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	3	Updated Cost
Walworth – Brick Church (Y-159), OPGW Addition & Partial Rebuild	2027	3	Updated Status to Planned, Certified in MTEP23, Updated Cost
West Middleton – Str 36 69 kV (6967/6963), Rebuild Green Poles (CAC/CCA/SX) Replacements	2026	3	Updated Status to Planned, Certified in MTEP23
Wick Drive – Black Earth 69kV (Y-62), OPGW Addition & Partial Rebuild	2026	3	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	Updated 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	2025	4	Updated Cost
Ellinwood – Progress 138kV (X-50), Line Rebuild	2027	4	Certified in MTEP23
Ellisville SS, DIC, New Substation	2025	4	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	2028	4	Updated Cost
North Appleton SS – Transformer Replacement and Asset Renewal	2024	4	Updated Cost
Northeast – Revere Dr 69kV (C-103) Uprate or Rebuild	2030	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	2028	4	Certified in MTEP23
Waupun – Str 127484 69 kV (Y-25), Partial Rebuild & OPGW	2025	4	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 Renewal	2024	5	Updated Cost
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 cable	2027	5	Updated Cost
Mill Road – Granville Project	2027	5	Updated MTEP Appendix, Status, Cost, Updated Project Name
Milwaukee Area 230 kV Conversion To 345 kV Project	2028	5	Updated Cost
Milwaukee Leased Dark Fiber Retirement Plan	2027	5	Updated Cost
Pleasant Prairie 345 kV Capacitor Bank Addition	2025	5	Updated Cost, Certified in MTEP23
Racine 345 kV Capacitor Bank Addition	2027	5	Certified in MTEP23
Racine County Western Feed Transmission Line Project	2027	5	Updated MTEP Appendix
Racine County, DIC, Jupiter Substation	2027	5	Updated Project Name, Cost and MTEP Appendix
Racine County, DIC, Mount Pleasant Substation Expansion	2025	5	Updated MTEP Appendix
Racine County, DIC, Nimbus Substation	2025	5	Updated Status, MISO EPR Approved, Cost, Updated Project Name
Racine County, DIC, Stratus Substation	2027	5	Updated MTEP Appendix
West Junction SS 138 kV Sectionalizing	2026	5	Updated Cost
Communication Reliability Program 2024	2025	Various	Status to Planned, Certified in MTEP23
Communications Reliability Program 2026	2028	Various	Updated Cost, Updated MTEP Appendix
CRP Substation Ethernet Migration (Phase 2)	2024	Various	Status to Planned, Certified in MTEP23
Line Clearance Mitigation 2025	2027	Various	Updated Cost and Status
Line Clearance Mitigation Program 2024	2026	Various	Updated Status to Planned, Certified in MTEP23
Line Clearance Mitigation Program 2026	2028	Various	Updated MTEP Appendix, Cost
Load Interconnection Program 2024	2025	Various	Status to Planned, Certified in MTEP23
Load Interconnection Program 2025	2027	Various	Updated Cost and Status
Load Interconnection Program 2026	2028	Various	Updated Cost, Updated MTEP Appendix
Small Capital Project and Asset Renewal Program 2024	2027	Various	Status to Planned, Certified in MTEP23
Small Capital Project and Asset Renewal Program 2025	2027	Various	Updated Cost and Status
Small Capital Project and Asset Renewal Program 2026	2028	Various	Updated MTEP Appendix
SS Physical Security Switch and SS Asset Renewal Enhancement	2025	Various	Certified in MTEP23
Substation Technology Package #2 - 2024	2024	Various	Updated Project Name, Status to Proposed, Advanced to Appendix A, Cost
Substation Technology Package #2 - 2025	2025	Various	Updated Cost