

**Table PR-23  
Summary of Cancellations, Deferrals, Changes and New Projects for the 2022 10-Year Assessment  
As of October 1, 2022**

Projects Canceled	In-Service Year	Planning Zone	Reason
Mudwater SS, DIC, New Substation	2023	1	Withdrawn by LDC
J849, Chandler SS, Interconnection Facilities and Network Upgrades	2023	2	GIA Withdrawn
Western U.P. Stability Enhancement	2026	2	Generator Withdrawals
Blackhawk SS, New DIC	2022	3	Withdrawn by LDC
Portage - Columbia 138kV (X-13/X-20), rebuild existing double circuit	2030	3	Need No Longer Shown
Madison Area Reactive Power Project	2024	3	Generator Extension Changed Need Date
Projects ISY Changes	In-Service Year	Planning Zone	Reason For Change
Hilltop SS, Install 69kV Breakers	2023	1	Updated Project Schedule
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	2026	1	Customer Driven Schedule
Port Edwards SS, DIC, Transformer Retirement	2023	1	Customer Driven Schedule
Waupaca Area Energy Storage Project	2023	1	Material and Regulatory Delays
Wittenberg SS, DIC Substation Retirement	2023	1	Customer Driven Schedule
Biramwood SS, DIC new substation	2025	1	Customer Driven Schedule
North Central WI Reliability Project	2027	1	Updated Project Schedule
Marquette County Reactive Power Project	2024	2	Material Delays
Western Marquette County DIC	2024	2	Customer Driven Schedule
Munising Area Reactive Power Project	2025	2	Material Delays
9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild	2026	2	Updated Project Schedule
North Lake - Greenstone 69kV (NLK11), Rebuild	2027	2	Updated Project Schedule
Bluff LNG SS, new DIC	2022	3	Customer Driven Schedule
Bristol - Elkhorn (X-81) 138 kV, uprate	2022	3	Customer Driven Schedule
Eden SS Grounding System Upgrades	2022	3	Updated Project Schedule
Hill Valley SS Grounding System Upgrades	2022	3	Updated Project Schedule
J850 North Creek SS Generator Interconnection Facilities and Network Facilities	2022	3	Updated Project Schedule
McCue SS, Circuit Breaker Asset Renewal	2022	3	Updated Project Schedule
Bass Creek - Town Line Road (X-95) 138kV, reconductor	2023	3	Customer Driven Schedule
Hillman SS, Upgrade Transformer	2023	3	Customer Driven Schedule
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades	2023	3	Customer Driven Schedule
Sun Prairie Park, DIC, Substation Rebuild	2023	3	Customer Driven Schedule
Rock River SS Switch Replacement	2023	3	Customer Driven Schedule
Lancaster Transformer Replacement & Substation Rebuild	2024	3	Updated Project Schedule
Edgewater - Lodestar 138kV (X-48/Y-31), Underground cable rebuild	2023	4	Updated Project Schedule
J1171 Butternut SS Network Upgrades and Interconnection Facilities	2023	4	Customer Driven Schedule
Howards Grove - Erdman 138kV, new line	2023	4	PSCW Order Issued
KC Paper SS DIC, Substation Rebuild	2023	4	Updated Project Schedule
Edgewater SS, Bus Reconfiguration	2024	4	Schedule Extended due to Generator
Highway V - Preble 138 kV (X-154), reconductor	2024	4	Updated Project Schedule
Pulliam SS, Transformer Retirement and Bus Reconfiguration	2024	4	Updated Project Schedule
Sheboygan County SS, DIC, substation rebuild	2024	4	Updated Project Schedule
Wells St. DIC – new West Marinette-Wells St. 69 kV line	2024	4	PSCW Order Issued
New Holstein Area Reliability Project	2026	4	Solution in Development
Sussex to Bark River (46143/2661), 138kV, OPGW Installation	2023	5	Updated Project Schedule
Norwich - Harbor 138kV, (893K11), underground line replacement	2026	5	Updated Project Schedule
Communication Reliability Upgrades 2020	2022	various	Program of Projects
Physical Security 2020	2024	various	Program of Projects

Changed Projects	In-Service Year	Planning Zone	Reason for Project Change
J986 7 Mile Creek SS, Generator Interconnection Facilities and Network Upgrades	2022	1	Certified in MTEP21
Maine - Hilltop 115kV line (U-11), uprate	2022	1	Cost Update
Port Edwards SS, DIC, Transformer Retirement	2022	1	Certified in MTEP21
Winneconne SS, Relay and Breaker Replacement	2022	1	Cost Update
Wittenberg SS, DIC Substation Retirement	2022	1	Cost Update
J732 Superior SS Generator Interconnection Facilities and Network Upgrades	2026	1	Certified in MTEP21
Petenwell - Saratoga 138kV (X-43), Line Rebuild	2023	1	Cost Update
Wautoma - Chaffee Creek 69kV (Y-49), Rebuild	2023	1	Cost Update
Weston - Sherman Street, 115kV line (Z-52), uprate	2023	1	Cost Update
Petenwell - Council Creek (X-40), OPGW Installation	2024	1	Certified in MTEP21
Saratoga SS - Control House and Breaker Asset Renewal	2025	1	Proposed to Planned
			Updated Project Name / Provisional to Proposed / Updated to Target A in MTEP23 / Updated Cost
Groenier - Rosholt (ALTE) Tap, 69 kV (Y-71), Partial Rebuild and Rerate	2026	1	Cost
North Central WI Reliability Project	2026	1	Updated Provisional to Proposed / Target A in MTEP23 / Updated Cost
Tilden SS, Control House Replacement and Breaker & Relay Asset Renewal	2023	2	Cost Update
Empire SS, Control House Replacement and Breaker & Relay Asset Renewal	2024	2	Provisional to Planned / Certified in MTEP21
Marquette County Reactive Power Project	2024	2	Proposed to Planned / Certified in MTEP21 / Updated Cost
Munising Area Reactive Power Project	2025	2	Provisional to Proposed
Winona - Atlantic 69kV (Winona69), rebuild	2024	2	Cost Update
Western Marquette County DIC	2024	2	Cost Update
Portage St - 3 Mile 69 kV (6901/ESE 6902), Re-insulate & Underground Fiber	2025	2	Provisional to Planned / MTEP22 Target A / Updated Cost
Chandler-Delta 69 kV (Delta1 and Escanaba1), Partial Rebuild and OPGW	2026	2	Updated Provisional to Planned / Updated to Target A in MTEP23 / Updated Cost
Pine River - Mich Limestone Loading Dock 69 kV (ESE 6906), Rebuild	2027	2	Advanced Appendix B to Target A / Updated Cost
Bluff LNG SS, new DIC	2022	3	Cost Update
McCue SS, Circuit Breaker Asset Renewal	2022	3	Cost Update
South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate	2022	3	Cost Update
West Middleton - Stagecoach 69kV (6927), Partial Rebuild	2022	3	Cost Update
Barneveld SS, DIC, new substation	2023	3	Cost Update
Bonnie Road, DIC, New Substation	2023	3	Certified in MTEP21
Colley Road SS, Transformer Replacement and Asset Renewal	2023	3	Cost Update
Dane - North Madison (Y-85), 69kV, rerate	2023	3	Cost Update
Gateway - Sycamore (6902), 69kV, rebuild	2023	3	Certified in MTEP21
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades	2023	3	Updated Cost
Lancaster Transformer Replacement & Substation Rebuild	2023	3	Certified in MTEP21
Sharon SS, DIC, New Substation	2023	3	Certified in MTEP21 / Updated Cost
Sun Prairie Park, DIC, Substation Rebuild	2023	3	Cost Update
Academy - Columbus 69kV (Y-21), Rebuild	2024	3	Certified in MTEP21
Cambria SS, DIC, New Substation	2024	3	Provisional to Proposed
Columbus SS, DIC, Transformer Replacement	2024	3	Provisional to Proposed / Updated Cost
Gaston Road SS, DIC, Additional Transformer	2024	3	Provisional to Proposed
Rock County Reliability Project	2024	3	Provisional to Proposed
Spring Green - Wick Drive (Y-170), 69kV, uprate	2024	3	Certified in MTEP21
Vinburn Substation 69 kV Capacitor Addition	2024	3	Proposed to Planned
Rockdale and Christiana SS - Control House and Relay Asset Renewal	2025	3	Provisional to Planned
Kirkwood SS, Power Transformer and Breaker Asset Renewal	2026	3	Updated Provisional to Proposed / Target A in MTEP23 / Updated Cost
Henry St. SS, DIC, Retire Substation	2022	4	Cost Update
Anderson Creek SS, DIC New SS	2023	4	Certified in MTEP21 / Updated Cost
East Krok - Beardley, (EAKY11), 69kV, uprate	2023	4	Certified in MTEP21 / Updated Cost
Edgewater - Lodestar 138kV (X-48/Y-31), Underground cable rebuild	2023	4	Cost Update
Finger Road SW STA - Wesmark 69kV (FIRY11), Rebuild	2023	4	Cost Update
Glenview SS, Transformer Retirement and Breaker & Relay Asset Renewal	2023	4	Cost Update
KC Paper SS DIC, Substation Rebuild	2023	4	Certified in MTEP21 / Updated Cost
Highway V - Preble 138 kV (X-154), reconductor	2024	4	Certified in MTEP21
Lost Dauphin - Red Maple 138kV (Q-147), uprate	2023	4	Certified in MTEP21
Northview SS DIC New Substation	2023	4	MTEP Id Update / Updated Cost
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV	2023	4	Cost Update
Stiles SS - West Marinette SS (M117/L142), OPGW Installation	2023	4	Cost Update
Sunset Point - Bowen Street (E-5), 69kV, Uprate	2023	4	Certified in MTEP21 / Updated Cost
Wells St. DIC - new West Marinette-Wells St. 69 kV line	2024	4	Proposed to Planned / Certified in MTEP21 / Updated Cost
Crivitz SS - Transformer Replacement and Asset Renewal	2024	4	Certified in MTEP21
North Appleton SS - Transformer Replacement and Asset Renewal	2024	4	Certified in MTEP21
Sheboygan County SS, DIC, substation rebuild	2024	4	Cost Update
Wesmark SS, Relay and Breakers	2024	4	Cost Update
Fitzgerald SS - Transformer and Breaker Asset Renewal	2025	4	Provisional to Planned
Plymouth #5 - New DIC	2025	4	Provisional to Proposed
West Marinette SS - Transformer and Breaker Asset Renewal	2025	4	Proposed to Planned / Advanced Appendix B to Target A/ Updated Cost
Barton - Auburn 138kV (9752), Partial Rebuild	2022	5	Cost Update
Kenosha SS, Breaker, Relay, RTU and Disconnect Asset Renewal	2023	5	Cost Update
Range Line SW STA, Control House Replacement and Asset Renewal	2023	5	Cost Update
Sussex to Bark River (46143/2661), 138kV, OPGW Installation	2023	5	Certified in MTEP21
Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal	2024	5	Proposed to Planned / Cost Update
Granville SS, Control House and Relay Replacement and Asset Renewal	2024	5	Certified in MTEP21
Lincoln - 43rd Street Terminal 138 kV (5053), Replace with double circuit duct bank and XLPE cable	2024	5	Certified in MTEP21
Branch SS, Relay Replacement and Asset Renewal	2025	5	Provisional to Planned / Updated Cost
Everett GIS Asset Renewal	2025	5	Advanced Appendix B to Target A / Provisional to Planned
Granville SS, Control House and Relay Replacement and Asset Renewal	2025	5	Cost Update
Norwich - Harbor 138kV, (893K11), underground line replacement	2025	5	Provisional to Proposed
Oak Creek, Racine SS and Remote Ends, Control Buildings and Relaying Asset Renewal	2025	5	Proposed to Planned
Port Washington - Saukville 138 kV (X-132/X-133) partial rebuild	2025	5	Proposed to Planned
WisDOT-194 Stadium Group of Projects	2026	5	Provisional to Proposed
Communication Reliability Program 2022	2025	various	Certified in MTEP21
Small Capital Project and Asset Renewal Program 2022	2025	various	Certified in MTEP21
Line Clearance Mitigation Program 2022	2025	various	Certified in MTEP21
Physical Security Program 2022	2025	various	Certified in MTEP21
Load Interconnection Program 2022	2025	various	Certified in MTEP21
Communication Reliability Program 2023	2026	various	Proposed to Planned / Cost Update
Small Capital Project and Asset Renewal Program 2023	2026	various	Proposed to Planned / Cost Update
Line Clearance Mitigation Program 2023	2026	various	Proposed to Planned / Cost Update
Physical Security Program 2023	2026	various	Proposed to Planned / Cost Update
Load Interconnection Program 2023	2026	various	Proposed to Planned / Cost Update
Small Capital Project and Asset Renewal Program 2024	2026	various	Cost Update
Communication Reliability Program 2024	2026	various	Cost Update
Load Interconnection 2024	2025	various	Cost Update
Line Clearance Mitigation Program 2024	2026	various	Cost Update

New Projects	In-Service Year	Planning Zone	Project Type
Arpin SS Capacitor Bank Asset Renewal	2022	1	Condition and Performance
Pine – Skanawan Tap Structure (I-9), OPGW Addition	2025	1	Communication
Colburn SS, DIC, New Substation	2025	1	T-D Interconnection
Rocky Run SS T2 and T4 Power Transformer Replacement	2026	1	Reliability
Harrison Tap – Iola 69kV (Y-70), Rebuild & OPGW	2026	1	Condition and Performance
North Central WI Reliability Project	2026	1	Reliability
Rocky Run SS T2 and T4 Power Transformer Replacement	2026	1	Reliability
Rocky Run – Werner West 345 kV (WERWL41), Rebuild	2028	1	Condition and Performance
Perch Lake- National 138kV (468) Partial Retirement Project	2025	2	Reliability
Delta County DIC Upgrades	2025	2	T-D Interconnection
Benson Lake SVC SCM Layer Asset Renewal	2026	2	Condition and Performance
Cornell Tap – Watson Tap 69kV (Chandler), Partial Rebuild	2026	2	Condition and Performance
Pine Hy Tap – Pine Hy 69kV (ASP31-1), Rebuild & OPGW	2027	2	Condition and Performance
Sun Prairie SS Replace Circuit Switcher	2022	3	Reliability
Burlington - Sugar Creek, (6541), 138kV, line uprate	2023	3	G-T Interconnection
Dane - North Madison (Y-85), 69kV, rerate	2023	3	Line Clearance
J1042 North Lake Geneva SS Network Upgrades and Interconnection Facilities	2023	3	G-T Interconnection
North Beaver Dam Ground Grid Upgrades	2023	3	G-T Interconnection
Northern Dane County, New DIC	2024	3	T-D Interconnection
Reedsburg DIC Substation and T-Line Retirements	2024	3	T-D Interconnection
Johnstown SS, DIC, New Substation	2024	3	T-D Interconnection
Wick Drive – Black Earth (Y-62), OPGW Addition	2025	3	Communication
Blount SS Asset Renewal	2026	3	Condition and Performance
East Campus SS Asset Renewal	2026	3	Condition and Performance
Eden – Rock Branch 69kV (Y-106) Uprate	2026	3	Condition and Performance
McCue SS Control House and Relay Asset Renewal	2026	3	Condition and Performance
North Beaver Dam SS Asset Renewal	2026	3	Condition and Performance
Sycamore SS Asset Renewal	2026	3	Condition and Performance
Walnut GIS Asset Renewal	2026	3	Condition and Performance
South Beaver Dam – North Beaver Dam, 69kV (Y-59) Line Rebuild	2027	3	Condition and Performance
J1153 Holland SS Network Upgrades and Interconnection Facilities	2022	4	G-T Interconnection
J1171 Butternut SS Network Upgrades and Interconnection Facilities	2023	4	G-T Interconnection
KC Paper SS DIC, Substation Rebuild	2023	4	T-D Interconnection
Woodenshoe SS, DIC, Transformer Replacement	2023	4	T-D Interconnection
Butte Des Morts - Neevin 138kV (43021), Rebuild	2024	4	Condition and Performance
Fond du Lac County, New DIC	2024	4	T-D Interconnection
Northeast - Revere Dr 69kV (C-103) Uprate or Rebuild	2025	4	Condition and Performance
Shoto – Northeast 69kV (K-11), Rebuild	2025	4	Condition and Performance
East Krok Transformer Replacement	2026	4	Reliability, Condition and Performance
High Falls – Mountain 69kV (Y-77), partial rebuild	2026	4	Condition and Performance
Ohmstead SS Control House and Relay Asset Renewal	2026	4	Condition and Performance
Shoto SS Power Transformer Asset Renewal	2026	4	Condition and Performance
South Fond du Lac Asset Renewal	2026	4	Condition and Performance
Waupun - South Fond du Lac 69kV, (Y-25) Partial Rebuild	2026	4	Condition and Performance
Werner West – North Appleton 345 kV (NAPL31), Rebuild	2030	4	Condition and Performance
Cottonwood – Summit Underground Fiber	2024	5	Communication
St Martins – West Junction Tap (5066), OPGW Addition	2025	5	Communication
Milwaukee Area Reactive Power Project	2026	5	Reliability
WisDOT-194 Stadium Group of Projects	2026	5	Condition and Performance
Substation Switch Asset Renewal and Enhancements	2024	Various	Condition and Performance
Line Clearance Mitigation 2025	2027	Various	Line Clearance