Table PR-23
Summary of Cancellations, Deferrals, Changes and New Projects for the 2021 10-Year Assessment
As of Sentember 30, 2021

As c	of September 30, 2021		
Projects Canceled	In-Service Year	Planning Zone	Reason
J821 Zenith SS Generator Interconnection Facilities and Network Upgrades	2021	1	GIA Terminated
Venus SS, new inductor bank	2024	1	Need No Longer Shown
J584 GIC Jordan SS, Generator Interconnection Facilities and Network Upgrades	2021	3	GIA Terminated
J807 Falcon SS Generator Interconnection Facilities and Network Upgrades J819 Darlington SS Generator Interconnection Facilities and Network Upgrades	2021 2023	3	GIA Terminated GIA Terminated
Rock River SS (X-74) Terminal Upgrade	2023	3	MPFCA Terminated
South Monroe - Browntown (Y-155) 69kV, rebuild	2023	3	MPFCA Terminated
Forsyth - Gwinn 69kV, new line	2024	2	Need No Longer Shown
Arnold SS, 80 MVAR Inductor Bank	2027	2	Need No Longer Shown
Darlington SS Grounding System Upgrades	2021	3	MPFCA Terminated
Falcon SS Grounding System Upgrades	2021	3	MPFCA Terminated
Rock River SS, Bus Switch Upgrade	2021	3	MPFCA Terminated
Construct T-D Roosevelt Road Substation Elkhorn SS Grounding System Upgrades	2022 2022	4	LIRF Withdrawn MPFCA Terminated
West Middleton SS - Pheasant Branch SS 69kV, Construct	2022	3	Need No Longer Shown
North Monroe SS Grounding System Upgrades	2021	3	MPFCA Terminated
Projects ISY Changes	In-Service Year	Planning Zone	Reason For Change
Hilltop SS, Install 69kV Breakers	2022	1	2020 to 2022
Waupaca Area Energy Storage Project	2022	1	2021 to 2022
Petenwell - Saratoga 138kV (X-43), Line Rebuild	2023	1	2022 to 2023
Mudwater SS, DIC, New Substation	2030	1	2022 to 2030
Winneconne SS, Relay and Breaker Replacement	2022	1	2023 to 2022
Maine - Hilltop 115kV line (U-11), uprate	2022	1	2023 to 2022
Birnamwood SS, DIC new substation	2024	1	2023 to 2024
Lincoln Pump Station - McKenna 69kV (Y-145), Rebuild	2024	1	2025 to 2024
Saratoga SS - Control House and Breaker Asset Renewal J849, Chandler SS, Interconnection Facilities and Network Upgrades	2025 2023	2	2024 to 2025 2022 to 2023
1849, Chandler SS, Interconnection Facilities and Network Upgrades Central UP, new DIC	2023	2	2022 to 2023 2023 to 2024
Eastern UP, new DIC	2024	2	2023 to 2024 2023 to 2024
Keel Ridge SS, new DIC	2024	2	2025 to 2024 2025 to 2027
9 mile SW STA – Portage (6901/6902), 69kV, Re-insulate	2025	2	2023 to 2025
Munising Area Reactive Power Project	2024	2	2023 to 2024
Dodgeville SS Grounding System Upgrades	2023	3	2021 to 2023
Eden SS Grounding System Upgrades	2023	3	2021 to 2023
Elkhorn - North Lake Geneva (X-55) 138 kV, uprate	2022	3	2021 to 2022
Hill Valley SS Grounding System Upgrades	2023	3	2021 to 2023
Hillman SS Grounding System Upgrades	2022	3	2021 to 2022
Hillman SS, Upgrade Transformer	2023	3	2021 to 2023
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades	2023	3	2021 to 2023
Nelson Dewey SS Grounding System Upgrades	2022 2023	3	2021 to 2022 2021 to 2023
Rock Branch SS Grounding System Upgrades Rock River SS Switch Replacement	2023	3	2021 to 2023
Spring Green SS Grounding System Upgrades	2023	3	2021 to 2022
Muscoda SS, DIC add 2nd transformer and substation rebuild	2022	3	2021 to 2022
Concord - Cooney (9042) 138kV, Reconductor	2021	3	2022 to 2021
J818 Jefferson SS Generator Interconnection Facilities and Network Upgrades	2021	3	2022 to 2021
South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate	2022	3	2023 to 2022
West Middleton - Stagecoach 69kV (6927), Partial Rebuild	2022	3	2023 to 2022
Nelson Dewey SS - Control House, Relay Asset Renewal	2022	3	2024 to 2022
Portage - Columbia 138kV (X-13/X-20), rebuild existing double circuit	2030	3	2024 to 2030
Pflaum SS, Asset Renewal	2022	3	2025 to 2022
Kirkwood SS, Control House , Transformer and Breaker Asset Renewal Butte Des Morts - Sunset Point 138kV, Rebuild	2026 2023	3 4	2024 to 2026 2021 to 2023
Kewaunee SS, Retire Transformer	2023	4	2021 to 2023
Shoto SS, Transformer (T1) and Breaker Asset Renewal	2022	4	2021 to 2022
Hwy V - Finger Rd 69kV (U-47), Rebuild			
nwy v - miger na oskv (0-47), nebulia	2021	4	2022 to 2021
Hwy V - Finger Kd 69KV (U-47), Rebuild Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV	2021 2023	4 4	
			2022 to 2021
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers	2023 2023 2024	4 4 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation	2023 2023 2024 2024	4 4 4 4 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers	2023 2023 2024 2024 2024 2025	4 4 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line	2023 2023 2024 2024 2025 2025 2022	4 4 4 4 4 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (G431), Rebuild	2023 2023 2024 2024 2025 2025 2022 2022 2023	4 4 4 4 4 4 5	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2022 to 2023
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle	2023 2023 2024 2024 2025 2022 2022 2023 2022	4 4 4 4 4 4 5 various	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2023 to 2022 2023 to 2022 2021 to 2023 2021 to 2022
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (G431), Rebuild	2023 2023 2024 2024 2025 2025 2022 2022 2023	4 4 4 4 4 4 5	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2022 to 2023
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle	2023 2024 2024 2025 2025 2022 2022 2023 2022 2022 2024	4 4 4 4 4 5 various various various	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2022 to 2023 2022 to 2023 2021 to 2022 2021 to 2024
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (E431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects	2023 2023 2024 2025 2022 2023 2022 2023 2022 2024 In-Service Year	4 4 4 4 5 various various Planning Zone	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2022 to 2023 2021 to 2022 2021 to 2024 Reason for Project Change
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Coney 138kV (E431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement	2023 2024 2024 2025 2025 2022 2022 2023 2022 2022 2024	4 4 4 4 4 5 various various various	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2022 to 2023 2022 to 2023 2021 to 2022 2021 to 2024
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (E431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects	2023 2023 2024 2024 2025 2022 2023 2022 2022 2022 2024 In-Service Year 2023	4 4 4 4 5 various various Planning Zone 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2025 2023 to 2023 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Simmit - Cooney 138kV (6431), Rebuild Simmit Cooney 138kV (6431), Rebuild Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks	2023 2023 2024 2024 2025 2022 2023 2022 2023 2022 2024 In-Service Year 2023 2023 2021	4 4 4 4 5 various various various Planning Zone 4 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2022 to 2023 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (r-12), Rebuild Academy - Columbus 69kV (r-12), Rebuild Academy - Columbus 69kV (r-12), Rebuild	2023 2023 2024 2024 2025 2022 2023 2022 2024 In-Service Year 2023 2023 2021 2025	4 4 4 4 5 various various Planning Zone 4 4 2	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2025 2023 to 2025 2022 to 2023 2021 to 2022 2021 to 2024 2021 to 2024 2021 to 2024 2021 to 2024 2024 to 2024 2021 to 2024 </td
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avene SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Accademy - Columbus 69kV (Y-21), Rebuild Accademy SS, Power Transformer and Control House Replacement and Asset Renewal Bain SS, Control House and Breaker Asset Renewal	2023 2023 2024 2024 2025 2022 2023 2022 2024 In-Service Year 2023 2021 2025 2024 2025 2024 2025 2024 2025 2024	4 4 4 4 5 various various various Planning Zone 4 4 4 2 3 5 5 5	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2025 2023 to 2025 2021 to 2022 2022 to 2023 2021 to 2024 2021 to 2024 2021 to 2024 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Simall Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River BeV (6921/2) Partial Rebuild Academy - Columbus 69kV (Y-21), Rebuild Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal Bain SS, Control House and Breaker Asset Renewal Bain SS, Control House usbstation	2023 2023 2024 2024 2025 2022 2023 2022 2024 In-Service Year 2023 2021 2025 2024 2025 2024 2023 2021 2023	4 4 4 4 5 various various Planning Zone 4 4 2 3 5 5 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2025 2021 to 2023 2021 to 2024 2021 to 2022 2021 to 2024 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Coney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Accademy - Columbus 69kV (Y-21), Rebuild Bain SS, Control House and Breaker Asset Renewal Bain SS, Control House and Breaker Asset Renewal Base Creek - Town Line Road (X-95) 138kV, reconductor	2023 2024 2024 2025 2022 2023 2022 2024 2023 2022 2024 2023 2021 2025 2024 2025 2024 2023 2021 2021 2023 2021	4 4 4 4 5 various various various Planning Zone 4 4 4 2 3 5 5 5 5 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2025 2021 to 2024 2021 to 2022 2021 to 2024 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Forject Name Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (V-21), Rebuild Academy - Columbus 69kV (V-21), Rebuild Bain SS, Control House and Breaker Asset Renewal Bain SS, DIC, In substation Bass Creek - Town Line Road (K-95) 138kV, reconductor Berryville SS Grounding System Uggrades	2023 2024 2024 2025 2022 2022 2022 2022 2024 In-Service Year 2023 2021 2025 2024 2025 2024 2023 2021 2023 2021 2023 2021 2023 2021 2023 2022	4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2025 2023 to 2022 2021 to 2022 2021 to 2022 2021 to 2024 2021 to 2024 2021 to 2024 2021 to 2024 Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Project Name Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Simall Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA - Pine River 69kV (6922/23) Partial Rebuild Academy - Columbus 69kV (Y-21), Rebuild Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal Bain SS, Control House and Breaker Asset Renewal Barneveld SS, DIC, new substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryville SS Grounding System Upgrades Bonnie Road, DIC, New Substation	2023 2023 2024 2025 2022 2023 2022 2023 2024 In-Service Year 2023 2024 2024 2023 2021 2025 2024 2023 2021 2023 2021 2023	4 4 4 4 5 various various Planning Zone 4 4 2 3 5 5 3 3 3 5 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2025 2021 to 2023 2021 to 2024 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA - Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (F-21), Rebuild Academy - Columbus 69kV (F-21), Rebuild Barneveld SS, DIC, new substation Barneveld SS, Olic, New Substa	2023 2024 2024 2025 2022 2022 2022 2022 2024 In-Service Year 2023 2021 2025 2024 2023 2021 2023 2024 2023 2024 2023 2022 2022 2022	4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 5 3 3 3 3 3 3 3 3 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2025 2022 to 2023 2022 to 2023 2021 to 2024 2021 to 2022 2021 to 2024 QUEL to 2024 </td
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (r-21), Rebuild Academy - Columbus 69kV (r-21), Rebuild Bain SS, Control House and Breaker Asset Renewal Bain SS, DIC, Internsformer and Control House Replacement and Asset Renewal Bain SS, DIC, Internsformer and Control House Replacement and Asset Renewal Bain SS, Control House and Breaker Asset Renewal Barneyeld SS, DIC, New Substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryvile SS Grounding System Uggrades Bonnie Road, DIC, New Substation Bristol - Elkhorn (X-81) 138 kV, uprate Brooks Comers SS, DIC, Transformer Addition	2023 2024 2024 2025 2022 2022 2022 2022 2024 In-Service Year 2023 2024 2025 2024 2025 2024 2023 2021 2023 2021 2023 2022 2022 2022	4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 5 5 5 5 3 3 3 3 3 1	2022 to 2021 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2022 2021 to 2022 2021 to 2022 2021 to 2024 Updated Cost Estimate Updated Project Change Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (Y-21), Rebuild Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal Bain SS, Control House and Breaker Aset Renewal Barneveld SS, DIC, new substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryville SS Grounding System Upgrades Bonnie Road, DIC, New Substation Bristol - Elkhorn (X-81) 138 kV greakers	2023 2023 2024 2024 2025 2022 2023 2022 2024 2024 2024 2024 2024	4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 5 3 3 3 3 3 3 3 3 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2025 2021 to 2024 2024 to 2024 2025 to 2024 2021 to 2024 2021 to 2024 2024 to 204
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (r-21), Rebuild Academy - Columbus 69kV (r-21), Rebuild Bain SS, Control House and Breaker Asset Renewal Bain SS, DIC, Internsformer and Control House Replacement and Asset Renewal Bain SS, DIC, Internsformer and Control House Replacement and Asset Renewal Bain SS, Control House and Breaker Asset Renewal Barneyeld SS, DIC, New Substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryvile SS Grounding System Uggrades Bonnie Road, DIC, New Substation Bristol - Elkhorn (X-81) 138 kV, uprate Brooks Comers SS, DIC, Transformer Addition	2023 2024 2024 2025 2022 2022 2022 2022 2024 In-Service Year 2023 2024 2025 2024 2025 2024 2023 2021 2023 2021 2023 2022 2022 2022	4 4 4 4 5 various various various Planning Zone 4 4 4 2 3 5 5 5 3 3 5 5 3 3 3 5 5 3 3 5 5 3 3 5 5 5 3 3 5	2022 to 2021 2022 to 2023 2022 to 2024 2022 to 2025 2023 to 2022 2021 to 2022 2021 to 2022 2021 to 2024 Updated Cost Estimate Updated Project Change Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (F-21), Rebuild Academy - Columbus 69kV (F-21), Rebuild Barneveld SS, DiC, new substation Bas Creek - Town Line Road (X-95) 138kV, reconductor Berryville SG Grounding System Upgrades Bonnie Road, DIC, New Substation Baristol - Elthorn (K-81) 138 kV, uprate Brooks Corners SS, DIC, Transformer Addition Burlington SS, Install TaskV Reakers	2023 2024 2024 2025 2022 2022 2022 2022 2024 In-Service Year 2023 2021 2025 2024 2023 2021 2023 2024 2023 2024 2023 2022 2022 2022	4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 3 3 3 5 5 3 3 3 3 3 5 5 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2025 2023 to 2025 2022 to 2023 2022 to 2023 2022 to 2023 2021 to 2024 2021 to 2024 </td
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam S5, Transformer Retirement and Bus Reconfiguration Wesmark S5, Relay and Breakers Henry St. S5, DIC, Retire Substation Edgewater S5, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue S5, DIC, Transformer Replacement 20th Street S5, Install two 138kV 8.3.6 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV ((-21), Rebuild Acradian S9, Power Transformer and Control House Replacement and Asset Renewal Bain S5, Control House and Breaker Asset Renewal Bain S5, DIC, Trow Line Raod (X-95) 138kV, reconductor Berryville S5 Grounding System Upgrades Bonnie Road, DIC, New Substation Bristol - Elkhorn (X-81) 138 kV, greate Brooks Corners S5, DIC, Transformer Addition Burlington S5, Install 138kV Breakers Butte Des Morts - Sunsor Priansformer Addition Burlington S5, Install 138kV, Rebuild Caroline S5, DIC, Transformer Addition Burlington S5, Install 138kV, Rebuild	2023 2024 2024 2025 2022 2023 2022 2024 In-Service Year 2023 2024 In-Service Year 2023 2024 2025 2024 2023 2021 2023 2022 2022 2022 2022 2022	4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 5 5 3 3 3 5 5 5 3 3 3 1 5 5 5 5 5	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2025 2023 to 2022 2022 to 2023 2021 to 2022 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Project Name Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (7-21), Rebuild Academy - Columbus 69kV (7-21), Rebuild Bain SS, Control House and Breaker Asset Renewal Bain SS, DIC, Transformer and Control House Replacement and Asset Renewal Bain SS, DIC, New Substation Bass Creek - Town Line Road (k-95) 138kV, reconductor Berryville SS Grounding System Uggrades Bonnie Road, DIC, New Substation Biristol - Elkhorn (k-31) 138kV Reakers Butte Des Morts - Sunset Point 138kV, Rebuild Cloverleaf SS, Install T38kV Breakers Butte Des Morts - Sunset Point 138kV, Rebuild Cloverleaf SS, Replace Dead End and Switches Cloverleaf SS, Replace Dead End and Switches Cloverleaf SS, Replace Dead End and Switches Colley Road SS, Transformer Redizement and Asset Renewal Communication Reliability Program 2021	2023 2023 2024 2024 2025 2022 2023 2022 2024 In-Service Year 2023 2024 2024 2023 2021 2025 2024 2023 2021 2023 2022 2022 2022 2022 2022	4 4 4 4 5 various various Planning Zone 4 4 4 2 3 5 5 5 3 3 3 3 3 3 3 3 4 1 5 5 4 4 1 4	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2024 2022 to 2025 2023 to 2025 2021 to 2023 2022 to 2023 2021 to 2024 Updated Cost 2022 2021 to 2024 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (Y-21), Rebuild Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal Barneveld SS, DIC, new substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryuile SS Grounding System Upgrades Bonnie Road, DIC, New Substation Baristol - Elkhorn (X-81) 138 kV, Breaker Butte Des Morts - Sunset Point 138kV, Rebuild Caroline SS, Install 138kV Breakers Butte Des Morts - Sunset Point 138kV, Rebuild Caroline SS, Install 138kV Breakers Cloveread SS, Renewals Cloveread SS, Install 138kV Breakers Butte Des Morts - Sunset Point 138kV, Rebuild Caroline SS, Transformer (T31) 69kV Breaker and Relay Asset Renewals Cloveread SS, Renewal Caroline Rise Clovereaded SS, Transformer Replacement and Asset Renewals Cloveread SS, Install 138kV Breakers Colley Road SS, Transformer Replacement and Asset Renewals Cloveread SS, Renaker SS Colley Reakers Colley Road SS, Transformer Replacement and Asset Renewals Communication Reliability Program 2021 Communication Reliability Program 2021	2023 2024 2024 2025 2022 2023 2022 2024 2023 2024 In-Service Year 2023 2021 2025 2024 2023 2021 2023 2021 2022 2022 2022 2022	4 4 4 4 4 5 various various Planning Zone 4 4 2 3 5 5 3 3 3 3 3 3 3 3 3 3 4 1 5 5 4 1 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2021 to 2023 2021 to 2023 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA - Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (6221/23) Partial Rebuild Academy - Columbus 69kV (7-11), Rebuild Academs - SD, DIC, Transformer and Control House Replacement and Asset Renewal Baneveld SS, DIC, Ret Asset Renewal Barneveld SS, DIC, Ret Asset Renewal Communication Reliability Program 2021 Communic	2023 2024 2024 2025 2022 2022 2022 2022 2024 In-Service Year 2023 2021 2025 2024 2023 2021 2023 2022 2022 2022 2022 2022	4 4 4 4 4 5 various various various Planning Zone 4 4 2 3 5 5 3 3 5 3 3 3 5 3 3 1 5 4 1 5 4 1 4 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2021 to 2023 2021 to 2023 2021 to 2022 2021 to 2024 2021
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (Y-21), Rebuild Bain SS, Control House and Breaker Asset Renewal Bain SS, Control House and Breaker Asset Renewal Bain SS, Control House and K-95) 138kV, reconductor Berryville SS Grounding System Upgrades Bonole Road, DIC, New Substation Burtington SS, Inst, Transformer Addition Burtington SS, Inst, Transformer Addition Burtington SS, Install SW DirakV, Rebuild Caroline SS, Transformer (T31) 69kV Breaker and Relay Asset Renewal Cloverleaf SS, Transformer T31) 69kV Breaker and Relay Asset Renewal Cloverleaf SS, Transformer 2021 Communication Reliability Program 2021 Communication Reliability Program 2021 Communication Reliability Program 2021 Conney - Mass 69kV (6530) Partial rebuild	2023 2024 2024 2025 2022 2023 2022 2024 2022 2024 In-Service Year 2023 2024 2025 2024 2023 2021 2023 2021 2023 2022 2022 2022	4 4 4 4 4 5 various various Planning Zone 4 4 2 3 5 5 3 3 5 3 3 1 5 3 3 1 5 4 4 1 5 4 1 5 4 3 3 2 2	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2025 2023 to 2022 2022 to 2023 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Project Name Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Provisional to Planned / Updated Cost Certified in MTEP20 Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Proposed to Planned/Updated Cost Certified in MTEP20 Proposed to Planned/Updated Cost Certified in MTEP20
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA - Pine River 69kV (6921/23) Partial Rebuild Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal Barneveld SS, DIC, new substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryville SS, Grounding System Upgrades Bonnie Road, DIC, New Substation Burlington SS, Install 138kV Breakers Butle Des Morts - Sunset Point 1338kV, Rebuild Caroline SS, Replace Dead End and Switches Coley Road SS, Transformer Replacement and Asset Renewal Cloverleaf SS, Replace Dead End and Switches Colley Road SS, Transformer Replacement and Asset Renewal Cloverleaf SS, Replace Dead End and Switches Colley Road SS, Transformer Replacement and Asset Renewal Communication Reliability Program 2022 Concord - Cooney (6902) 138kV, Reconductor Concover - Mass 69kV (6530) Partial rebuild	2023 2024 2024 2025 2022 2023 2022 2024 2023 2024 2023 2024 2025 2024 2023 2021 2025 2024 2023 2021 2022 2022 2022 2022 2022 2022	4 4 4 4 4 5 various various Planning Zone 4 4 4 2 3 5 5 3 3 3 3 3 3 3 3 3 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2021 to 2023 2021 to 2023 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam S5, Transformer Retirement and Bus Reconfiguration Wesmark S5, Relay and Breakers Henry St. S5, DIC, Retire Substation Edgewater S5, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue S5, DIC, Transformer Replacement 20th Street S5, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA – Pine River 69kV (6921/23) Partial Rebuild Academy - Columbus 69kV (Y-21), Rebuild Bain S5, Control House and Breaker Asset Renewal Barneveld S5, DIC, new substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryville SS Grounding System Upgrades Bonnie Road, DIC, New Substation Burlington S5, Install T& Ugrate Brooks Corners S5, DIC, Transformer Addition Burlington S5, Install 138kV, Breakers Cloverled S5, DIC, Transformer Addition Burlington S5, Install 138kV, Rebuild Caroline S5, Transformer Replacement and Reset Renewal Bain S5, Control House and Breaker Set Renewal Bain S5, Control House and Breaker Set Renewal Bains Control House Addition Bergville S5 Grounding System Upgrades Bonnie Road, DIC, New Substation Burlington S5, Install T& Ugrate Brooks Corners S5, DIC, Transformer Addition Burlington S5, Transformer (T31) 69kV Wreaker and Relay Asset Renewals Cloverled S5, Transformer Replacement and Asset Renewal Communication Reliability Program 2021 Concord - Cooney (9042) 138kV, Reconductor Conover - Mass 69kV (6530) Partial rebuild Crivitz S5 - Transformer Replacement and Asset Renewal Communication Reliability Program 2021 Concord - Cooney (9042) 138kV, Reconductor Conover - Mass 69kV (6530) Partial rebuild Crivitz S5 - Transformer Replacement and Asset Renewal Communication Reliability Program 2021 Concord - Cooney (9042) 138kV, Reconductor Conover - Mass 69kV (6530) Partial rebuild Crivitz S5 - Transformer Replacement and Asset Rene	2023 2024 2024 2025 2022 2023 2022 2024 2022 2024 In-Service Year 2023 2024 2025 2024 2023 2021 2023 2021 2023 2022 2022 2022	4 4 4 4 4 5 various various Planning Zone 4 4 2 3 5 5 3 3 5 3 3 1 5 3 3 1 5 4 4 1 5 4 1 5 4 3 3 2 2	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2025 2023 to 2022 2022 to 2023 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Project Name Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Provisional to Planned / Updated Cost Certified in MTEP20 Provisional to Planned / Updated Cost Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Proposed to Planned/Updated Cost Certified in MTEP20 Proposed to Planned/Updated Cost Certified in MTEP20
Pioneer - Crivitz 138kV (E-83/B-2), retire 69kV and reconfigure load to 138kV Pulliam SS, Transformer Retirement and Bus Reconfiguration Wesmark SS, Relay and Breakers Henry St. SS, DIC, Retire Substation Edgewater SS, DIC, replace transformer and substation rebuild Howards Grove - Erdman 138kV, new line Summit - Cooney 138kV (6431), Rebuild Small Capital Project and Asset Renewal Current Cycle Physical Security Current Cycle Changed Projects 12th Avenue SS, DIC, Transformer Replacement 20th Street SS, Install two 138kV 8.16 MVAR Capacitor Banks 9 Mile SW STA - Pine River 69kV (6921/23) Partial Rebuild Arcadian SS, Power Transformer and Control House Replacement and Asset Renewal Barneveld SS, DIC, new substation Basin SS, Control House and Breaker Asset Renewal Barneveld SS, DIC, new substation Bass Creek - Town Line Road (X-95) 138kV, reconductor Berryville SS Grounding System Upgrades Bonnie Road, DIC, New Substation Burlington SS, Install 138kV Breakers Butte Des Morts - Sunset Point 138kV, Rebuild Caroline SS, Englace Dead End and Switches Cloverleaf SS, Replace Dead End and Switches Colley Road SS, Transformer Replacement and Asset Renewal Communication Reliability Program 2022 Concord - Cooney (942) 138kV, Reconductor Conver - Mass 69kV (6530) Partial rebuild Communication Reliability Program 2022 Concord - Cooney GP42) 138kV, Reconductor	2023 2024 2024 2025 2022 2023 2022 2024 2023 2024 2023 2024 2025 2024 2023 2021 2025 2024 2023 2021 2022 2022 2022 2022 2022 2022	4 4 4 4 4 5 various various Planning Zone 4 4 4 2 3 5 5 3 3 3 3 3 3 3 3 3 3 3 3 3	2022 to 2021 2022 to 2023 2022 to 2023 2022 to 2024 2022 to 2024 2022 to 2024 2024 to 2025 2023 to 2022 2021 to 2023 2021 to 2023 2021 to 2022 2021 to 2022 2021 to 2024 Reason for Project Change Proposed to Planned / Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate

Darlington - Rock Branch 69kV (Y-109), Rebuild	2025	3	Provisional to Planned / Updated Cost
Darlington SS Grounding System Upgrades	2021	3	MPFCA Terminated
Dodgeville SS Grounding System Upgrades	2023	3	MPFCA Renegotiated
Dodgeville SS Grounding System Upgrades	2021	3	MPFCA Renegotiated
East Krok - Beardsley, (EAKY11), 69kV, uprate	2023	4	Proposed to Planned
Eden - Highland (X-147) 138kV, uprate	2021	3	Certified in MTEP20
Eden - Lands End 69kV, Loop into Highland SS	2021	3	Certified in MTEP20
Eden SS Grounding System Upgrades	2023	3	MPFCA Renegotiated
Eden SS Grounding System Upgrades	2021	3	MPFCA Renegotiated
Edgewater - Lodestar 138kV (X-48/Y-31), Underground cable rebuild	2023	4	Proposed to Planned / Updated Cost
Elkhorn - North Lake Geneva (X-55) 138 kV, uprate	2021	3	Moved from MTEP Id 19245 to 19146/ Certified in MTEP20
Elkhorn SS Grounding System Upgrades	2022	5	Project Withdrawn
Empire SS, Control House Replacement and Breaker & Relay Asset Renewal	2024	2	Updated Cost
Erdman SS, Transformer and Breaker Asset Renewal	2022	4	Updated Cost Estimate
Falcon SS Grounding System Upgrades	2021	3	MPFCA Terminated
Finger Rd - Danz 69kV (L-64), Rebuild	2022	4	Updated Cost Estimate
Forsyth SS, DIC, Add 1st Transformer	2021	2	Updated Cost Estimate
Gateway - Sycamore (6902), 69kV, rebuild	2023	3	Proposed to Planned
Germantown SS DIC, Install additional transformer	2022	5	Certified in MTEP20 / Proposed to Planned / Updated Cost
Glenview SS, Transformer Retirement and Breaker & Relay Asset Renewal	2023	4	Certified in MTEP20
Henry St. SS, DIC, Retire Substation	2024	4	Certified in MTEP20
Highland - Spring Green (X-17) 138kV, Uprate	2021	3	Certified in MTEP20
Highway V - Preble 138 kV (X-154), reconductor	2023	4	Proposed to Planned
Hill Valley SS Grounding System Upgrades	2023	3	MPFCA Renegotiated
Hill Valley SS Grounding System Upgrades	2021	3	MPFCA Renegotiated
Hillman SS Grounding System Upgrades	2022	3	MPFCA Renegotiated
Hillman SS Grounding System Upgrades	2021	3	MPFCA Renegotiated / Updated ISY
Hillman SS, Upgrade Transformer	2023	3	Moved from MTEP Id 19268 to 19145 / Certified in MTEP20
Hillside SS, Relay and Breaker Replacements	2023	3	Updated Cost Estimate
Hillitop SS, Install 69kV Breakers	2021	1	Updated Cost Estimate
Hilltop SS, Install 69KV Breakers Howards Grove - Erdman 138kV, new line	2021	4	Cerfitied in MTEP20 / Updated Cost Estimate
	2022	4	
Huebner SS, Install two 138kV 8.16 MVAR Capacitor Banks Hwy V - Finger Rd 69kV (U-47), Rebuild	2021 2021		Updated Cost Estimate Updated Cost Estimate
Hwy V - Finger Rd 69kV (U-47), Rebuild J850 North Creek SS Generator Interconnection Facilities and Network Facilities	2021 2022	4 3	Updated Cost Estimate Cerfieid in MTEP20 / Updated Cost Estimate
J850/J878 East Paris SS, new 345/138kV transformer	2022	5	Certified in MTEP20
J864 Lone Rock SS Generator Interconnection Facilities and Network Upgrades	2022	3	Certified in MTEP20
J878 Paris SS Generator Interconnection Facilities and Network Upgrades	2022	5	Certified in MTEP20
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades	2023	3	Certified in MTEP20 / Updated Cost Estimate
J986 7 Mile Creek SS, Generator Interconnection Facilities and Network Upgrades	2022	1	Provisional to Planned / Updated Cost
Kenosha SS, Breaker, Relay, RTU and Disconnect Asset Renewal	2023	5	Certified in MTEP20
Kewaunee SS, Retire Transformer	2022	4	Certified in MTEP20 / Updated Cost Estimate
Kirkwood SS, Control House, Transformer and Breaker Asset Renewal	2026	3	Updated MTEP Cycle
Lancaster Transformer Replacement & Substation Rebuild	2023	3	Proposed to Planned / Updated Cost
Lincoln - 43rd Street Terminal 138 kV (5053), Replace with double circuit duct bank and XLPE cable	2024	5	Updated Project Name / Provisional to Planned / Updated Cost
Line Clearance Mitigation Program 2021	2024	various	Certified in MTEP20
Line Clearance Mitigation Program 2022	2025	various	Proposed to Planned/ Updated Cost
Load Interconnection Program 2021	2024	various	Certified in MTEP20
Load Interconnection Program 2022	2025	various	Proposed to Planned/ Updated Cost
Mackinac HVDC, System Control and Monitoring (SCM) Asset Renewal	2022	2	Certified in MTEP20 / Updated Cost
Maine - Hilltop 115kV line (U-11), uprate	2022	1	Updated ISY / Proposed to Planned / Certified in MTEP20
Maine - Hilltop 115kV line (U-11), uprate Marquette County Reactive Power Project	2022 2023	1 2	Updated ISY / Proposed to Planned / Certified in MTEP20 Proposed to Planned / Updated Cost
Marquette County Reactive Power Project	2023	2	Proposed to Planned / Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer	2023 2022	2 2 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild	2023 2022 2021 2022	2 2 4 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in NIFP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW	2023 2022 2021 2022 2022 2025	2 2 4 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), G9Ky, rebuild & OPGW Nelson Dewey SS Grounding System Upgrades	2023 2022 2021 2022 2022 2025 2021	2 2 4 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SS Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal	2023 2022 2021 2022 2025 2025 2021 2024	2 2 4 3 3 3 3 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SS Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild	2023 2022 2021 2022 2025 2025 2021 2024 2024 2026	2 2 4 3 3 3 3 4 2	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SS Grounding System Ubgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone G9kV (NLKY11), Rebuild North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate	2023 2022 2021 2022 2025 2025 2021 2024 2026 2026 2022	2 2 4 3 3 3 4 2 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kX, rebuild & OPGW Nelson Dewey SG Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 59kV (NLKY11), Rebuild North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades	2023 2022 2021 2025 2025 2021 2024 2026 2022 2022 2022	2 2 4 3 3 3 4 2 3 5	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SS Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake Genewa Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild	2023 2022 2021 2022 2025 2021 2024 2024 2026 2022 2022 2022 2023	2 2 4 3 3 4 2 2 3 5 5 1	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SS Grounding System Ubgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Ubgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021	2023 2022 2021 2022 2025 2021 2024 2024 2026 2022 2022 2022 2022 2023 2024	2 2 4 3 3 4 2 2 3 5 1 various	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey SG Forunding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022	2023 2022 2021 2025 2025 2021 2024 2026 2022 2022 2022 2023 2024 2024	2 2 4 3 3 4 2 2 3 5 5 1	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTF20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Certified in MTF20 Certified in MTF20 Certified in MTF20 Certified in MTF20 Certified in MTF20 Certified in MTF20 Certified in MTF20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SG Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement	2023 2022 2021 2025 2025 2024 2024 2024 2026 2022 2022 2023 2024 2025 2025	2 2 4 3 3 4 2 2 3 5 1 1 various various 1	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC, Retire Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - SB Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Sartoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild	2023 2022 2021 2022 2025 2021 2024 2024 2022 2022 2022 2022 2023 2024 2023 2024 2023 2024 2025 2021 2021	2 2 4 3 3 4 2 3 5 1 1 various various 1 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISV / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned/ Updated Cost Certified in MTEP20 Proposed to Planned/ Updated Cost Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kY (NLKY11), Rebuild North Lake - Greenstone 69kY (NLKY11), Rebuild North Lake - Greenstone 69kY (NLKY11), Rebuild Paris SS Grounding System Upgrades Petenwell - Saratoga 138kY (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Proble SS, DIC, add 4th transformer and substation rebuild	2023 2022 2021 2025 2025 2024 2024 2026 2022 2022 2023 2024 2024 2025 2024 2025 2021 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - SB Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Phris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Puliam SS, Transformer Retirement and Bus Reconfiguration	2023 2022 2021 2022 2025 2021 2024 2024 2022 2022 2022 2022 2023 2024 2023 2024 2023 2024 2025 2021 2021	2 2 4 3 3 4 2 3 5 1 1 various various 1 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISV / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned/ Updated Cost Certified in MTEP20 Proposed to Planned/ Updated Cost Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - Stormer Replacement and Asset Renewal North Appleton SS - Transformer Replacement and Asset Renewal North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2021 Protage Industrial Park SS, DIC, replace transformers and substation rebuild Prebale SS, DIC, add 4th transformer and Bus Reconfiguration Range Line	2023 2022 2021 2022 2025 2021 2024 2024 2022 2022 2022 2022 2023 2024 2023 2024 2022 2023 2024 2025 2021 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 5 1 1 various various 1 3 3 4 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned/ Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69KY, rebuild & OPGW Nelson Dewey SG Founding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLKY11), Rebuild North Lake Greenstone 69KV (NLKY11), Rebuild North Lake Greenstone 69KV (NLKY11), Rebuild Paris SS Grounding System Upgrades Petenwell - Saratoga 138KV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Induktial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Retirement and Bus Reconfiguration Range Line SW STA, Control House Replacement and Asset Renewal	2023 2022 2021 2025 2025 2024 2024 2026 2022 2022 2023 2024 2024 2025 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 4 5 5	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Phris SS forounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Retirement and Bus Reconfiguration Range Line SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate	2023 2022 2021 2025 2021 2024 2024 2026 2022 2022 2022 2023 2024 2025 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 4 4 5 4 4 5 1 4 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 5 1 5 5 1 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - SS Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Phie SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, add 4th transformer and Substation rebuild Preliames ST, Canoff Retirement and Bus Reconfiguration Range Line SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Riverside S	2023 2022 2021 2022 2025 2021 2024 2024 2026 2022 2022 2023 2024 2025 2021 2025 2021 2025 2021 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 1 various 1 3 3 4 4 4 5 4 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned/ Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Updated Cost Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kY (NLY11), Rebuild North Lake eneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Saratoga 138kY (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Retirement and Bus Reconfiguration Range Line SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - SD Grounding System Upgrades	2023 2022 2021 2025 2025 2024 2026 2022 2022 2022 2023 2024 2024 2025 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 4 5 4 4 5 4 3 3 3 4 4 5 1 1 3 5 1 1 3 5 1 1 3 5 1 1 3 5 5 1 1 5 5 1 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Seiter Transformer Muscoda SS, DIC, Reiter Transformer Muscoda SS, DIC Reiter Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey - Stoomington (Y-184), 69kY, rebuild & OPGW North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kY (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Retirement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Portage SG Bounding System Upgrades	2023 2022 2021 2025 2021 2024 2024 2026 2022 2022 2022 2023 2024 2025 2021 2022 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 3 3 4 3 3 4 5 5 1 various various 3 5 1 various various 3 3 5 1 various various 3 3 5 1 various 3 3 5 1 various 3 3 5 1 various 3 5 1 various 3 3 5 1 various 3 5 1 various 3 5 1 various 3 5 1 various 3 3 5 1 various 3 3 5 1 various 3 3 5 1 various 3 3 4 4 3 3 3 4 4 3 3 3 3 4 4 3 3 3 4 4 3 3 3 3 4 4 3 3 3 3 4 4 3 3 3 3 3 4 4 3 3 3 3 4 4 3 3 3 3 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost MPFCA Renegotiated Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menomines SS, DIC, Reite Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69KY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLY11), Rebuild North Lake - Greenstone 69KV (NLY11), Rebuild North Lake - Greenstone 69KV (NLY11), Rebuild North Lake - Greenstone 69KV (NLY11), Rebuild Parls SS Grounding System Upgrades Petenwell - Saratoga 138KV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2021 Protage Industrial Park SS, DIC, replace transformers and substation rebuild Protage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement Portage Industrial Park SS, DIC, add 4th transformer and substation rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, BU Uprate SW STA, Control House Replacement and Asset Renewal Riverside SS, Bu Uprate Rock Branch - Dodgeville 69KV (Y-35), Partial Rebuild Rock Branch SS Grounding System Upgrades Rock County Reliability Project Rock Rivers SS witch Replacement	2023 2022 2021 2025 2025 2024 2024 2024 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various various 1 3 4 4 5 4 4 5 4 3 3 4 3 3 3 3 4 3 5 5 1 1 various various various 3 4 4 5 5 1 1 various 3 5 5 1 1 various 3 3 5 5 1 1 various 3 3 5 5 1 1 various 3 3 5 5 1 1 various 3 3 5 5 1 1 various 3 5 5 1 1 various 3 3 4 4 3 5 5 1 1 various 3 3 4 4 4 3 3 5 5 1 5 5 1 5 5 1 2 4 4 4 4 4 3 3 4 4 4 3 3 3 4 4 4 3 3 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP40 Certified in M
Marquette County Reactive Power Project Masonville SS, DIC, Stubstation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild North Lake Reneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Induktrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, add 4th transformer and substation rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Bodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Sordung System Upgrades Rock Rounty Reliability Project Rock River SS Switch Replacement Sortage Induktive Program 2027 Project SC Sordunding System Upgrades Rock Rounty Reliability Project Rock River SS Switch Replacement	2023 2022 2021 2025 2026 2024 2026 2022 2022 2022 2023 2024 2025 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 1 1 3 1 1 3 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified State Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate MPECA Renegotiated Updated Cost Estimate Moved from MTEP Id 19268 to 19145 Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Seiter Transformer Muscoda SS, DIC, Reiter Transformer Muscoda SS, DIC Reiter Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kX, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NkIY11), Rebuild North Lake - Greenstone 69kV (NkIY11), Rebuild North Lake - Greenstone 69kV (NkIY11), Rebuild North Lake - Greenstone 69kV (NkIY11), Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DiC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock River SS Switch Replacement Saratoga SS - Control House and Breaker Asset Renewal Riverside SS, Bus Uprate Rock Roranch - Dodgeville 69kV (Y-35), Dratial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Roranch Yeija Dives and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild	2023 2022 2021 2025 2021 2024 2024 2026 2022 2022 2022 2023 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various various 1 3 4 4 5 4 5 1 3 3 4 4 3 3 1 4 4 5 1 1 various various 1 3 4 4 5 1 various various 1 3 4 4 5 5 1 various 1 3 5 1 various 1 3 5 1 various 1 3 5 1 various 1 3 5 1 various 1 3 5 1 various 1 3 5 1 various 1 3 3 5 1 various 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Moved from MTEP Id 19268 to 19145 Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Estimate Moved from MTEP Id 19268 to 19145 Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Seiter Transformer Muscoda SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - Stoomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey SG Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild Phris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, add 4th transformer and substation rebuild Preble SS, Transformer Retirement and Bus Reconfiguration Range Line SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Karanch SG Grounding System Upgrades Rock County Reliability Project Rock River SS Switch Replacement Saratoga SS - Control House and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild	2023 2022 2021 2025 2025 2024 2024 2026 2022 2022 2022 2023 2024 2025 2021 2022 2022 2022 2023 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 4 5 4 4 3 3 3 1 4 4 4 4 4 4 4 4 4 4 4 4 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Stimate Updated Cost Stimate Updated Cost Stimate Updated Cost Stimate Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLY11), Rebuild North Lake eneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Induktrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, Transformer Replacement Portage Induktrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, add 4th transformer and substation rebuild Preble SS, DIC, add 4th Vransformer and substation Rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Rranch - So Grounding System Upgrades Rock County Reliability Project Rock River SS SWitch Replacement Sheborgan County SS, DIC, substation rebuild Sheborgan County SS, DIC, substation rebuild Sheborgan County SS, DIC, substation rebuild Sheborgan County SS, DIC, substation rebuild	2023 2022 2021 2025 2026 2027 2024 2026 2022 2022 2023 2024 2025 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Moved from MTEP Id 19268 to 19145 Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Seiter Transformer Muscoda SS, DIC, Reiter Transformer Muscoda SS, DIC Reiter Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kX, rebuild & OPGW Nelson Dewey - Storunding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Saratoga SS - Control House and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Small Capital Project and Asset Renewal Program 2021 Small Capital Project and Asset Renewal Program 2021	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2023 2024 2025 2024 2025 2022 2022 2022 2023 2022 2022 2022	2 2 4 3 3 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 3 4 4 4 4 4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Updated Cost Estimate Certified in MTEP20 Certified in MTEP20
Marquette County Reactive Power Project Masonville SS, DIC, Setter Transformer Muscoda SS, DIC Retire Transformer Muscoda SS, DIC Retire Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - Storunding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Phris SS forounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Preble SS, DIC, Add 4th transformer and Substation rebuild Preble SS, DIC, transformer Retirement and Bus Reconfiguration Range Line SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Ranch - Dodgeville 69kV (Y-35), Partial Rebuild Rock River SS Switch Replacement Saratoga SS - Control House and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild Sheboygan Count	2023 2021 2021 2025 2025 2024 2026 2022 2022 2022 2023 2024 2025 2021 2022 2022 2022 2023 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 3 1 4 4 4 4 4 4 4 4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated In MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menomines SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLVT1), Rebuild North Lake Greenstone 69kV (NLVT1), Rebuild Paris SS Grounding System Upgrades Petenweil - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program Addition rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Ranch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - So Grounding System Upgrades Rock Rounty SE, DIC, substation rebuild Sheboggan County SS, DIC, Substa	2023 2022 2021 2025 2021 2024 2024 2026 2022 2022 2023 2024 2025 2024 2025 2024 2022 2022 2022	2 2 4 3 3 3 4 2 3 4 2 3 5 1 1 various various 1 3 4 4 5 4 3 3 3 1 4 4 4 4 5 4 4 4 5 4 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost Updated ISY / Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified In M
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey - Storounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Phytical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pullam SS, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pullam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Sartogg SS - Control House Replacement Sartogg SS - Control House and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation reprame Sardogg SS - Control House Represent Renewal Sheboygan County SS, DIC, substation repram 2021 Small Capital Project and Asset Renewal Program 2021 Small Capital Project and Asset Renewal Program 2021 South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate South Sned Vant Beaver Dam (Y-59), 69kV, uprate South Fond du Lac - Spring Brook 69kV (Y-133), Partial rebuild	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2023 2024 2024 2025 2024 2025 2022 2022 2022	2 2 4 3 3 3 4 2 3 5 1 various various various 1 3 4 4 4 5 4 4 3 3 3 3 1 4 4 4 4 4 3 3 3 3 4 4 4 4 4 5 5 1 various various various various 3 4 4 4 4 5 5 1 various various 3 3 5 1 various 3 4 4 4 4 5 5 1 various 3 5 5 1 various 3 4 4 4 4 4 4 5 5 1 various 3 3 5 1 various 3 3 4 4 4 4 4 4 3 3 5 5 1 various 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Moved from MTEP Id 19268 to 19145 Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified INTEP20 Certified INTEP20 CERTIFEP20 CER
Marquette County Reactive Power Project Masonville SS, DIC, Setter Transformer Muscoda SS, DIC Retire Transformer Muscoda SS, DIC Retire Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey - Storomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey - Storomington (Y-184), 69kY, rebuild & OPGW North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock River SS Switch Replacement Saratogs SS - Control House and Breaker Asset Renewal Sock Kiver SS Switch Replacement Saratogs SS - Control House and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Small Capital Project and Asset Renewal Program 2021 South Beaver Dam - Hubbard, (Y-134), 69kV Rebuild & OPGW South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate South Grein - Wick Drive (Y-170), 69kV, uprate	2023 2022 2021 2025 2025 2024 2026 2022 2022 2022 2023 2024 2025 2021 2022 2023 2024 2025 2022 2022 2023 2022 2022 2023 2022 2023 2024 2023 2024 2023 2024 2025 2023 2024	2 2 4 3 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 3 3 1 4 4 4 4 4 4 5 1 4 4 4 4 5 1 4 4 4 4 4 5 1 1 4 4 4 5 5 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated In MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menomines SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bioomington (Y-184), 69KY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLVT1), Rebuild North Lake eneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenweil - Saratoga 138KV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2021 South Reaver Dam - Hubbard, (Y-35), Partial Rebuild Sheboygan County SS, DIC, substation rebui	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2023 2024 2025 2024 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 3 3 3 3 3 1 4 4 4 4 various 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Updated Cost Estimate Updated Cost Certified in MTEP20 Certified In MTEP20 Proposed to Planned / Updated Cost Provosional to Planned / Updated Cost Proposed to Planned / Updated Cost Proposed to Planned / Updated Cost Proposed to Planned / Depated Cost Stimate Proposed to Planned / Depated Cost Stimate Proposed to Planned / Depated Cost Stimate
Marquette County Reactive Power Project Masonville SS, DIC, Stubstation Rebuild and Transformer Additions Menomines SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kY (NLKY11), Rebuild North Lake - Greenstone 69kY (NLKY11), Rebuild North Lake - Greenstone 69kY (NLKY11), Rebuild Physical Security Program 12021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Prelie SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pullam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Skiver SS Switch Replacement Sock County Reliability Project Rock River SS Founding System Upgrades Rock County Reliability Project Rock River SS Syn DIC, substation rebuild Sheboygan County SS, DIC, substation reprame 2021 Small Capital Project and Asset Renewal Program 2021 Small Capital Project and Asset Renewal Program 2021 Small Capital Project and Asset Renewal Program 2021 South Beaver Dam - Notth Beaver Dam (Y-53), 69kV, uprate South Fond du Lac - Spring Brook 69kV (Y-133), Partial rebuild Spring Green S Grounding System Upgrades Sumit - Cooney 138kV (Ke31), Rebuild	2023 2022 2021 2022 2025 2021 2024 2026 2022 2022 2023 2024 2024 2025 2024 2025 2024 2022 2022	2 2 4 3 3 3 4 2 3 3 5 1 various various 1 3 4 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menomines SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bioomington (Y-184), 69KY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLVT1), Rebuild North Lake eneva Tap - Burlington SS (6541) 138 kV, uprate Paris SS Grounding System Upgrades Petenweil - Saratoga 138KV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2021 South Reaver Dam - Hubbard, (Y-35), Partial Rebuild Sheboygan County SS, DIC, substation rebui	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2023 2024 2025 2024 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 3 3 3 3 3 1 4 4 4 4 various 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Updated Cost Estimate Updated Cost Stimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified In MTEP20 Proposed to Planned / Updated Cost Provosional to Planned / Certified In MTEP20 Updated Cost Estimate Proposed to Planned / Certified In MTEP20 Certified In MTEP
Marquette County Reactive Power Project Masomille SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Physical Scounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-33), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-33), Partial Rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, subs	2023 2022 2021 2022 2025 2021 2024 2026 2022 2022 2023 2024 2024 2025 2024 2025 2024 2022 2022	2 2 4 3 3 3 4 2 3 3 5 1 various various 1 3 4 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Updated Cost Estimate Updated Cost Updated Cost Stimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified In MTEP20 Proposed to Planned / Updated Cost Proposed to Planned MPECA Renegotiated Updated Cost Estimate Proposed to Planned / Updated Cost Proposed to Planned / Updated Cost
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey - Bioomington (Y-184), 69kY, rebuild & OPGW North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Sheboygan County SS, DIC, substation rebuild	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2022 2023 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 4 2 3 4 2 3 5 1 various various 1 3 4 4 5 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost MPFCA Renegotiated Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 CERC Certified in MTEP20 CERC Certified in MTEP20 CERC Certified in MTEP20 CERC CERC CERC CERC CERC CERC CERC CERC
Marquette County Reactive Power Project Masomille SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bioomington (Y-184), 69KV, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild Physical Security Program 2021 Physical Security Program 2021 South Relabelity Project Rock Branch Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch SS Grounding System Upgrades Rock Rounty Reliability Project Rock Rounty Reliability Project Rock Rounty SS, DIC, substation rebuild Sheboygan County SS, NIC, Substation rebuild Sheboygan County SS, DIC, Substation rebuild Sheboygan County SS, DIC, Substation	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2023 2024 2025 2024 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 3 5 1 various various various various 1 3 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Updated Cost Estimate Updated Cost Updated Cost Stimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified In MTEP20 Proposed to Planned / Updated Cost Proposed to Planned MPECA Renegotiated Updated Cost Estimate Proposed to Planned / Updated Cost Proposed to Planned / Updated Cost
Marquette County Reactive Power Project Masomille SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild North Lake - Greenstone 69kV (NLKY11), Rebuild Pharis SS Grounding System Upgrades Petenwell - Saratoga 138kV (X-43), Line Rebuild Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch S Grounding System Upgrades Rock County Reliability Project Rock Ranch - Dodgeville 69kV (Y-33), Partial Rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, Substati	2023 2022 2021 2025 2021 2024 2026 2022 2022 2023 2024 2022 2024 2025 2024 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 5 1 various various various 1 3 4 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 CERCENCENCENCENCENCENCENCENCENCENCENCENCENC
Marquette County Reactive Power Project Masomille SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reite Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69KV, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Physical Security Program 2022 Physical Security Program 2021 Physical Security Program 2021 Protrage Industrial Park SS, DIC, replace transformers and substation rebuild Puliam SS, Transformer Retirement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville G9KV (Y-3S), Partial Rebuild Rock Branch - Dodgeville G9KV (Y-3S), Partial Rebuild Rock Branch - SS Grounding System Upgrades Rock County Reliability Project Rock River SS Switch Replacement Saratoga SS - Control House and Breaker Aset Renewal Sheboygan County SS, DIC, substation rebuild Small Capital Project and Asset Renewal Program 2022 South Beaver Dam - Nutbbard, (Y-134), G8KV, Uprate South Fond du Lac - Spring Brook 69KV (Y-133), Partial rebuild South South SS, DIC, Substation rebuild Small Capital Project and Asset Renewal Program 2022 South Beaver Dam - Nutb Beaver Dam (Y-59), G9KV, Uprate South Fond u Lac - Spring Brook 69KV (Y-134), Rebuild Sumatr	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2022 2023 2024 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 5 1 various various various various various 1 3 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 CERCEP20 CER
Marquette County Reactive Power Project Masomille SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bioomington (Y-184), 69KV, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild Physical Security Program 2021 Physical Security Program 2021 South Backer Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch S Grounding System Upgrades Rock Rounty Reliability Project Rock Rounty SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild South Beaver Dam - Hubbard, (Y-134), 69KV Rebuild & OPGW South Beaver Dam - North Beaver Dam (Y-59), 69KV, Uprate South Beaver Dam - North Beaver Dam (Y-59), 69KV, Uprate Summit - Cooney 138KV (6431), Rebuild Sunset Point - Bowen Street (E-5), 69KV, Uprate Sursex to Bark River (46143/2661), 138KV, OPGW Installation Tilden SS, Control House Replacement an	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2023 2024 2025 2024 2025 2024 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 4 2 3 5 1 1 various various various various 1 3 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Provosional to Planned / Updated Cost Proposed to Planned MPFCA Renegotiated Updated Cost Estimate Proposed to Planned MPFCA Renegotiated Updated Cost Estimate Proposed to Planned MPFCA Renegotiated Proposed to Planned Proposed to Planned Proposed to Planned Proposed to Planned / Certified in MTEP20 Proposed to Planned / Cert
Marquette County Reactive Power Project Masonville SS, DIC, Setter Transformer Muscoda SS, DIC Retter Transformer Muscoda SS, DIC Retter Transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kY (NLY11), Rebuild North Lake - Greenstone 69kY (NLY11), Rebuild North Lake - Greenstone 69kY (NLY11), Rebuild Phytical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pullam SS, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pullam SS, Transformer Replacement SW STA, Control House Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild So Strauding System Upgrades Rock County Reliability Project Rock River SS South Replacement Saratoga SS - Control House and Breaker Asset Renewal Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation repram 2021 Small Capital Project and Asset Renewal Program 2021 South Beaver Dam - Noth Beaver Dam (Y-5), 69kV, uprate South Fond u Lac - Spring Brook 69kV (Y-13), Partial rebuild Spring Green - Wick Drive (Y-170), 69kV, uprate South Fond U Lac - Spring Brook 69kV (Y-13), Partial rebuild Sunset Yoint - Bowen Street (E-5), 69kV, Uprate South Fond U Lac - Spring Brook 69kV (Y-13), Partial rebuild Sunset Yoint - Bowen Street (E-5), 69kV, Uprate South Fond Ou Lac - Spring Brook 69kV (Y-13), Partial	2023 2022 2021 2022 2025 2021 2024 2026 2022 2023 2024 2022 2023 2024 2022 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 5 1 various various various 1 3 4 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Proposed to Planned / Updated Cost Proposed to Planned / Updated Cost Proposed to Planned / Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 CERCEP20 CERCEP20 CERCEP20 CERCEP20 CERCEP20 CERCEP2
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menomines SD, DIC, Reite Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69KY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLY11), Rebuild North Lake - Greenstone 69KV (NLY11), Rebuild North Lake - Greenstone 69KV (NLY11), Rebuild Physical Security Program 2021 Physical Security Program 2021 Protrage Industrial Park SS, DIC, replace transformers and substation rebuild Puliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville G9KV (Y-35), Partial Rebuild Rock Branch - Dodgeville G9KV (Y-35), Partial Rebuild Rock Branch - Dodgeville G9KV (Y-35), Partial Rebuild Sheboygan County SS, DIC, substation rebuild Small Capital Project and Asset Renewal Program 2021 Small Capital Project and Asset Renewal Program 2022 South Beaver Dam - Nutb Beaver Dam (Y-59), 69KV, uprate South Faver Dam - Nutb Beaver Dam (Y-59), 69KV, uprate South Beaver Dam - Nutb Beaver Dam (Y-59), 69KV, uprate South Seaver Dam - Nutb Beaver Dam (Y-59), 69KV, uprate South Seaver Dam - Nutb Beaver Dam (Y-59), 69KV, uprate South Seaver Dam - Nutb Beaver Dam (Y-59), 69KV, uprate Summit - Cooney 138KV (6431), Rebuild Sumset	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2022 2023 2024 2025 2021 2022 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 5 1 various various various various various 1 3 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Proposed to Planned / Updated Cost Planted Proposed to Planted Ce
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menomines SD, DIC, Reiter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bioomington (Y-184), 69KY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLVT1), Rebuild North Lake - Greenstone 69KV (NLVT1), Rebuild North Lake - Greenstone 69KV (NLVT1), Rebuild Physical Security Program 2021 Physical Security Program 2021 South Back St Shot L, add 4th transformer and substation rebuild Pulliam SS, Transformer Retirement and Asset Renewal Riverside SS, Bus Uprate Sock Branch Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch SS Grounding System Upgrades Rock County Reliability Project Rock Rounty SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan County SS, DIC, substation rebuild Small Capital Project and Asset Renewal Program 2021 South Beaver Dam - Hubbard, (Y-134), 69KV Rebuild & OPGW South Beaver Dam - North Beaver Dam (Y-59), 69KV, uprate South Reaver Dam - North Beaver Dam (Y-59), 69KV, uprate South Reaver Dam - North Beaver Dam (Y-59), 69KV, uprate South Seven SGrounding System Upgrades Summit - Cooney 138KV (6431), Rebuild Sunset Point - Bowen Street (E-5), 69KV, Uprate Sussex to Bark River (46143/2	2023 2022 2021 2022 2025 2021 2024 2026 2022 2022 2022 2023 2024 2025 2024 2025 2024 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 4 2 3 3 5 1 1 various various various various 1 3 4 4 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Provosional to Planned / Updated Cost Proposed to Planned / Updated Cost Proposed to Planned MPECA Renegotiated Updated Cost Estimate Proposed to Planned MPECA Renegotiated Updated Cost Proposed to Planned / Updated Cost Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Certified in MTEP20 / Proposed to Planned / Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Seiter Transformer Muscoda SS, DIC Retire Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bioomington (Y-184), 69kY, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 69kV (NLY11), Rebuild North Lake - Greenstone 59kV (NLY11), Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Pine SS, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Prelies SD, DIC, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement Portage Industrial Park SS, DIC, replace transformers and substation rebuild Pulliam SS, Transformer Replacement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Rranch - Dodgeville 69kV (Y-35), Partial Rebuild Sheboygan County SS, DIC, substation rebuild Sheboygan SG rounding System Upgrades Summit - Cooney 138kV (6431), Rebuild Sunte Reaver Dam - North Beaver Dam (Y-59), G9KV, uprate South Reaver Dam - North Beaver Dam (Y-59), G	2023 2022 2021 2022 2023 2024 2024 2026 2022 2023 2024 2024 2025 2024 2025 2024 2022 2023 2022 2022 2022 2022 2022	2 2 4 3 3 3 4 2 3 3 3 4 2 3 5 1 various various various various 1 3 4 4 4 5 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 /Updated Cost Estimate Updated ISY / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Updated Cost Proposed to Planned / Certified in MTEP20 Certified in MTEP20 Proposed to Planned / Certified in MTEP20 Certified in MTEP20 / Updated Cost Certified in MTEP20 / Updated Cost Estimate
Marquette County Reactive Power Project Masonville SS, DIC, Substation Rebuild and Transformer Additions Menominee SS, DIC, Retter Transformer Muscoda SS, DIC add 2nd transformer and substation rebuild Nelson Dewey - Bloomington (Y-184), 69KV, rebuild & OPGW Nelson Dewey S Grounding System Upgrades North Appleton SS - Transformer Replacement and Asset Renewal North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild North Lake - Greenstone 69KV (NLK711), Rebuild Physical Security Program 2021 Physical Security Program 2021 Physical Security Program 2022 Physical Security Program 2021 Physical Security Program 2021 Protrage Industrial Park SS, DIC, replace transformers and substation rebuild Pullam SS, Transformer Retirement and Asset Renewal Riverside SS, Bus Uprate Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild Rock Branch S Grounding System Upgrades Rock County Reliability Project Rock River SS Switch Replacement Saratoga SS - Control House and Breaker Aset Renewal Sheboygan County SS, DIC, substation rebuild Small Capital Project and Asset Renewal Program 2021 Small Capital Project and Asset Renewal Program 2022 South Beaver Dam - Hubbard, (Y-134), 66kV Rebuild & OPGW South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate South Fond du Lac - Spring Brook 69kV (Y-133), Partial rebuild Small Capital Project and Asset Renewal Program 2022 South Beaver Dam - Hubbard, (Y-134), 65kV, uprate Sussex to Bark River (46143/2661), 138kV, OPGW	2023 2022 2021 2025 2021 2024 2026 2022 2022 2022 2022 2023 2024 2025 2024 2025 2022 2022 2022 2023 2022 2023 2024 2023 2024 2023 2023	2 2 4 3 3 3 4 2 3 3 5 1 various various 1 3 4 4 4 5 4 4 3 3 3 3 1 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Proposed to Planned / Updated Cost Updated Cost Estimate Certified in MTEP20 / Updated Cost Estimate Provisional to Planned / Updated Cost Updated Cost Estimate Updated Cost Estimate Updated Cost Estimate Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Certified in MTEP20 Updated Cost Updated Cost Certified in MTEP20 Certified in MTEP20 Updated Cost Updated Cost Proposed to Planned / Updated Cost Proposed to Planned / Certified in MTEP20 Updated Cost Proposed to Planned / Updated Cost Certified in MTEP20 Proposed to Planned / Updated Cost Certified in MTEP20 Proposed to Planned / Updated Cost Proposed to Planned / Certified in MTEP20 Updated Cost Estimate

Now Projects	In Convice Vear	Planning Zono	Broject Tures
New Projects	In-Service Year 2023	Planning Zone	Project Type G-T Interconnection
Chaffee Creek SS Grounding Improvements	2023	1	G-T Interconnection
Hancock SS Grounding Improvements	2023	1	G-T Interconnection
Hollywood SS Grounding Improvements J1002 Wautoma SS Network Upgrades and Interconnection Facilities	2023	1	G-T Interconnection
	2023	1	
Roeder SS Grounding Improvements Sand Lake SS Grounding Improvements	2023	1	G-T Interconnection
	2023	1	G-T Interconnection
Saratoga SS Grounding Improvements	2023		G-T Interconnection
Wautoma SS - Port Edwards SS, 138kV (X-11), uprate		1	G-T Interconnection
Wautoma SS Grounding Improvements	2023 2023	1	G-T Interconnection
Wautoma SS Transformer Replacement			G-T Interconnection
Rocky Run Transformer Replacement	2023	1	Reliability
Pittsville - Sigel 69 kV (Y-108), Rebuild	2025	1	Condition and Performance
Rosholt (ATC) Tap - Rosholt (ALTE) SW STR 69 kV (Y-71), Partial Rebuild	2026	1	Condition and Performance
National – Presque Isle (446) Re-Insulate & OPGW	2025	2	Condition and Performance
North Lake SS – Transformer Asset Renewal	2025	2	Condition and Performance
Ontonagon – Victoria Hy 69kV (Ontonagon69) Reinsulate	2024	2	Condition and Performance
Western Marquette County DIC	2024	2	Load Interconnection
9 mile SW STA – Portage (6901/6902), 69kV, Re-insulate	2025	2	Condition and Performance
Blaney Park - Mich Linestone Quarry Tap 69 kV (6914), Partial Rebuild	2025	2	Condition and Performance
Chandler - Delta 69 kV (Delta1), Partial Rebuild	2026	2	Condition and Performance
North Lake - Greenstone 69kV (NLKY11), Rebuild	2026	2	Condition and Performance
Pine River - Mich Limestone Loading Dock 69 kV (ESE_6906), Rebuild	2027	2	Condition and Performance
Western U.P. Stability Enhancement	2023	2	Reliability
Husikamp – Ruskin (6937), Partial Rebuild	2025	3	Condition and Performance
South Monroe – Brownstone (Y-155), Partial Rebuild	2026	3	Condition and Performance
J1000 Comet SS Network Upgrades and Interconnection Facilities	2023	3	G-T Interconnection
J1003 North Beaver Dam SS Network Upgrades and Interconnection Facilities	2023	3	G-T Interconnection
J1154 Crawfish River Solar Network Upgrades	2023	3	G-T Interconnection
J1188 Sheepkskin SS Network Upgrades and Interconnection Facilities	2022	3	G-T Interconnection
Walnut - Blount, new 69kV transmission line	2031	3	Reliability
Rockdale and Christiana SS - Control House and Relay Asset Renewal	2025	3	Condition and Performance
Madison Area Reactive Power Project	2023	3	Reliability
Tower Dr – Pulliam (P-16/R-70), Partial Rebuild	2025	4	Condition and Performance
J1101 Kewaunee SS Network Upgrades and Interconnection Facilities	2023	4	G-T Interconnection
Plymouth #5 - New DIC	2024	4	Load Interconnection
Fitzgerald SS – Transformer Asset Renewal	2025	4	Condition and Performance
West Marinette SS – Transformer and Breaker Asset Renewal	2025	4	Condition and Performance
New Holstein Area Reliability Project	2025	4	Reliability
Everett GIS Asset Renewal	2025	5	Condition and Performance
Norwich - Harbor 138kV, (893K11), underground line replacement	2025	5	Condition and Performance
Oak Creek, Racine SS and Remote Ends, Control Buildings and Relaying Asset Renewal	2025	5	Condition and Performance
Port Washington – Saukville 138 kV (X-132/X-133) partial rebuild	2025	5	Reliability
Communication Reliability Program 2023	2026	various	Communication
Small Capital Project and Asset Renewal Program 2023	2026	various	Condition and Performance
Line Clearance Mitigation Program 2023	2026	various	Line Clearance
Physical Security Program 2023	2026	various	Physical Security
Load Interconnection Program 2023	2026	various	T-D Interconnection
Renewable Reinforcement Project	2020	3	Reliability
Bloomington (BLO)-LaPointe Sw Str (LPTT), 69kV, Y43 Rerate	2021	3	Line Clearance
Bloomington (BLO)-taronice swisti (LPTT), USKV, 143 Kenate Bluff LNG SS. new DIC	2021	3	T-D Interconnection
Sunset Point - Bowen Street (E-5), 69kV, Uprate	2022	4	Reliability
Blackhawk SS, New DIC	2023	3	T-D Interconnection
Kelly SS, New DIC	2022	3	T-D Interconnection
Kelly SS, New DIC Branch SS, Relay Replacement and Asset Renewal	2024 2025	5	Condition and Preformance
	2025		
LaMar SS - Sheepskin SS, 69kV (Y-61), rerate	2021 2022	3	Line Clearance
Wittenburg SS, DIC Substation Retirement		1	T-D Interconnection
Port Edwards SS, DIC, Transformer Retirement	2022	1	T-D Interconnection
Sun Prarie Park, DIC, Substation Rebuild	2023	3	T-D Interconnection
Northview SS DIC New Substation	2023	4	T-D Interconnection
Sharon SS, DIC, New Substation	2023 2023	3	T-D Interconnection
Anderson Creek SS, DIC New SS	2023	4	T-D Interconnection