

**GRDA Construction/Outage Schedule Stillwater-Kinzie Interconnect Substation Upgrade 9/20/23**

ID	Task Name	Duration	Start	Finish	Open Equipment	Outage Segment/T-Line	Comments	Half 2, 2022							Half 1, 2023							Half 2, 2023							Half 1, 2024						
								M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
3	<b>Stillwater-Kinzie Upgrade RF022-01145</b>	853 days	Tue 4/5/22	Fri 2/16/24																															
4	Engineering	507 days	Tue 4/5/22	Mon 5/15/23			CEC																												
12	Procurement	291 days	Thu 10/27/22	Fri 6/16/23																															
25	Construction Contract	108 days	Mon 11/6/23	Wed 1/31/24			Contract Execution																												
26	Contractor Mobilization	3 days	Mon 11/6/23	Wed 11/8/23																															
27	Phase 1	25 days	Mon 11/6/23	Sun 11/26/23	SW41L, CS 81																														
28	Civil Construction; Removal of Existing Circuit Switcher; Install Cap Bank/PT Foundations, Breaker Foundation, Switch Foundation; Reactor Foundation; Below grade grounding and conduit installation																																		
29	Phase 2	20 days	Mon 11/27/23	Wed 12/13/23	SW41L																														
30	Install existing Cap Bank, Switch 41M, Reactors, Breaker 81, all associated steel; Build out all terminal ends from Cap Bank to Switch 41L																																		
31	Phase 3	62 days	Wed 12/13/23	Wed 1/31/24	SW41L, SW670L, SW670B, SW74; Breaker 670	FDR 6 from Kinize to 19th Street																													
32	Pull all associated control cables, modify existing panel 104; install cap bank relay, termination and commissioning; Install new FDR 6 relay panel and any associated equipment; terminate and commission						Upgrade of Line Protection on FDR 6 and Upgrades to Panel 104; GRDA Relay Dept. will perform work																												
33	IN-SERVICE	0 days	Wed 1/31/24	Wed 1/31/24																															
34	Completion of As-Built Drawings and Sent to Drafting	19 days	Wed 1/31/24	Thu 2/15/24																															
35	Project Close out	32.38 days	Mon 2/19/24	Fri 3/15/24																															