

Q4 2023 Transmission Development Forum (TDF)

Approved Transmission Planning Projects and Queue Network Upgrades

Changes in In-Service Dates (ISD) from the Q3 2023 TDF

October 25th, 2023

Approved Transmission Planning Projects

No.	Project	Transmission Plan Approved	ISD at Approval in Transmission Plan	Expected ISD Q3 2023 TDF	Current Expected ISD	Project Status	Expected CPUC Permit Filing	Expected Construction Start
1	Lugo – Eldorado series cap and terminal equipment upgrade	2012-2013	2016	December 2023	June 2024	Construction	May 2018	Construction started in Dec 2020
2	Lugo – Victorville 500 kV Upgrade (SCE portion)	2016-2017	2018	January 2025	January 2026	Construction	Exempt	Construction started
3	Lugo-Mohave series capacitor upgrade	2013-2014	2016	December 2023	June 2024	Construction	Filed in May 2018	Construction started in Dec 2020
4	New Coolwater 115/230 kV A Bank	2022-2023	2026	Pending	December 2027	Initiation	Pending	Pending
5	Laguna Bell - Mesa No. 1 230 kV Line Rating Increase Project	2021-2022	2023	May 2024	June 2024	Design	Pending	November 2023
6	Mira Loma 500 kV CB Upgrade Project	2022-2023	2026	Pending	December 2028	Design	Pending	Pending
7	Pardee-Sylmar 230 kV Line Rating Increase Project	2019-2020	2023	June 2025	October 2027	Construction	Exempt	Construction started in Oct 2022
8	Serrano–Del Amo–Mesa 500 kV Transmission Reinforcement	2022-2023	2031	Pending	December 2033	Initiation	Pending	Pending

Queue Network Upgrades¹

No.	ID	Network Upgrades	Status	Current Expected Construction Start	Expected CPUC Application	Original Estimated ISD	Expected ISD Q3 2023 TDF	Current Estimated ISD	Aggregate MW in Queue with Executed LGIA
1	PIN8483-RNU	South of Vincent CRAS	Design	January 2026	Pending	April 2026	February 2026	December 2027	650
2	SCE-C11P2-N-L1	Pardee – Pastoria – Warne 220 kV T/L Rating Increase	Design	October 2023	N/A	October 2022	October 2023	March 2024	110
3	SCE-C12P2-N-R2	Tehachapi CRAS: monitoring infrastructure addition	Design	January 2025	N/A	September 2024	November 2025	March 2026	2,550
4	SCE-C9C10-N	Windhub AA Bank CRAS - monitoring infrastructure	Execution	January 2023	N/A	November 2022	December 2023	September 2023	1,800
5	SCE-C9P2-N-R1	Whirlwind AA Bank CRAS Monitoring Infrastructure	Execution	August 2023	N/A	November 2022	March 2024	June 2024	1,015
6	SCE-C10P2-E-R3	West of Colorado River CRAS Inland/Devers Extension - monitoring infrastructure	Execution	January 2021	N/A	October 2021	September 2023	March 2024	4,438
7	SCE-C10P2-E-R3	WOCR CRAS Inland/Devers Extension Monitoring (QC10) at Alberhill Sub	Design	Pending	N/A	August 2025	TBD	June 2029	4,438
8	SCE-TCP2-EOP-R4	Lugo - Victorville RAS	Permitting	January 2024	N/A	December 2020	April 2024	June 2024	530

1: Only the projects with changed in-service date or a major change in status (e.g., New, Cancelled, or Completed) are shown. Workbooks of all the approved transmission projects are posted on the CAISO website under Transmission Development Forum.