

July 2024 Transmission Development Forum (TDF)

Approved Transmission Planning Projects and Queue Network Upgrades

Changes in In-Service Dates (ISD) from the January 2024 TDF

July 31st, 2024

Summary of Approved Transmission Planning Projects (1/2)

No.	Project	Transmission Plan Approved	ISD at Approval in Transmission Plan	Expected ISD Jan 2024 TDF	Current Expected ISD	Project Status	Expected CPUC Permit Filing	Expected Construction Start
1	Alberhill 500 kV Method of Service	2009	2014	Jun-29	Oct-29	Licensing	Sep-09	Oct-26
2	Colorado River-Red Bluff 500 kV 1 Line Upgrade	2022-2023	2028	Dec-28	Feb-27	Initiation	Pending	Oct-25
3	Devers 230 kV Reconfiguration Project	2021-2022	2023	Jun-25	Jun-27	Final Engineering	Exempt	Oct-24
4	Devers-Red Bluff 500 kV 1 and 2 Line Upgrade	2022-2023	2028	Dec-28	Mar-30	Initiation	Pending	Nov-29
5	Devers-Valley 500 kV 1 Line Upgrade	2022-2023	2028	Dec-28	Apr-28	Initiation	Pending	Oct-26
6	Lugo Substation Install new 500 kV CBs for AA Banks	2008	Dec-11	Dec-26	Dec-29	Design	Exempt	Oct-28
7	Lugo-Mohave series capacitor upgrade	2013-2014	2016	Dec-24	Apr-25	Construction	May-18	Dec-20
8	Inyo 230 kV Shunt Reactor	2023-2024	2027	N/A	Dec-27	Preliminary Engineering	Pending	Pending
9	Victor 230 kV Switchrack Reconfiguration	2021-2022	2023	Apr-25	Pending	Preliminary Engineering	N/A	Pending

Summary of Approved Transmission Planning Projects (2/2)

No.	Project	Transmission Plan Approved	ISD at Approval in Transmission Plan	Expected ISD Jan 2024 TDF	Current Expected ISD	Project Status	Expected CPUC Permit Filing	Expected Construction Start
10	Method of Service for Wildlife 230/66 kV Substation	2007	2009	Pending	Oct-29	Initiation	Apr-15	Apr-25
11	San Bernardino-Etiwanda 230 kV 1 Line Upgrade	2022-2023	2031	Dec-31	Apr-31	Initiation	Pending	Oct-29
12	San Bernardino-Vista 230 kV 1 Line Upgrade	2022-2023	2026	Dec-28	Dec-29	Initiation	Pending	Mar-29
13	Laguna Bell - Mesa No. 1 230 kV Line Rating Increase Project	2021-2022	2023	Jun-24	Jun-25	Construction	Exempt	Mar-24
14	Mira Loma 500 kV CB Upgrade Project	2022-2023	2026	Aug-28	Dec-28	Design	Exempt	May-28
15	Serrano-Alberhill-Valley 500 kV 1 Line Upgrade	2022-2023	2028	Dec-28	Dec-27	Initiation	Pending	Mar-27
16	Tie line Phasor Measurement Units	2017-2018	Dec-20	Feb-24	Sep-24	Construction	N/A	Construction started

Summary of Queue Network Upgrades²

No.	ID	Network Upgrade	Status	Current Expected Construction Start	Expected CPUC Application	Trigger Year	Expected ISD Jan 2024 TDF	Current Estimated ISD	Aggregate MW in Queue with Executed LGIA
1	SCE-C12P2-N-R3	Moorpark CRAS: monitoring infrastructure	Design	Pending	N/A	2021	October-25	December-27	735
2	SCE-C11P2-N-L1	Pardee – Pastoria – Warne 220 kV T/L rating increase	Execution	6/1/2023	N/A	2020	March-24	December-25	126
3	SCE-C9C10-N	Windhub AA Bank cRAS - monitoring infrastructure	Closeout	3/1/2023	N/A	2021	December-24	February-24	1,800
4	PIN6902	Calcite Substation	Plan/Analyze	7/1/2026	4/1/2025	2020	December-27	November-27	400
5	SCE-C11P2-EOP-R1	Lugo - Victorville CRAS - monitoring infrastructure	Design	6/1/2025	N/A	2019	June-26	December-27	950
6	SCE-TCP2-EOP-R4	Lugo - Victorville RAS	Permitting	10/1/2024	N/A	2011	December-24	June-25	530
7	SCE-C9P2-NOL-R1	New North of Lugo RAS - Backbone Portion	Design	1/1/2029	N/A	2017	June-26	June-30	800
8	SCE-C72021-EOP	Participate and modify the planned Lugo-Victorville CRAS - SCE portion	Design	6/1/2025	N/A	2021	June-26	December-27	550
9	PIN8483-RNU	South of Vincent CRAS	Design	12/1/2025	N/A	2021	December-27	May-26	1,300
10	SCE-C10P2-E-R3	West of Colorado River CRAS Inland/Devers Extension - monitoring infrastructure	Closeout	1-Mar	N/A	2018	March-24	April-24	4,555
11	SCE-C11P2-E-R1	WOCR CRAS Inland/Devers Extension Additional Monitoring (QC11) at Wildlife Sub	Design	10/1/2028	N/A	2020	October-27	October-29	865
12	SCE-C10P2-E-R3	WOCR CRAS Inland/Devers Extension Monitoring (QC10) at Alberhill Sub	Design	Pending	N/A	2018	June-29	Pending	4,555

2: 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.