

Project	PTO	Transmission Plan Approved	In-service Date at Approval in Transmission Plan	Expected In-Service Date 2020-2021 Transmission Plan	Expected In-Service Oct 2023 TDF	Expected In-Service Jan 2024 TDF	Project Status	Expected CPUC Permit Application Filing	Expected Construction Start	Notes
Tie line Phasor Measurement Units	SCE	2017-2018	Dec-20	44531	Feb-24	Feb-24	Construction	N/A	Construction started	The in-service dates range from July 2023 to February 2024
Laguna Bell - Mesa No. 1 230 kV Line Rating Increase Project	SCE	2021-2022	2023	N/A	Jun-24	Jun-24	Design	Pending	Nov-23	SCE has informed the CAISO that the ISD will likely extend past June 2024. SCE expects to have a revised ISD by the July 2024 TDF.
Lugo – Eldorado series cap and terminal equipment upgrade	SCE	2012-2013	2016	Jun-22	Jun-24	Dec-24	Construction	May-18	Dec-20	Unable to achieve the required capacitor balancing during testing and commissioning.
Lugo-Mohave series capacitor upgrade	SCE	2013-2014	2016	Jun-22	Jun-24	Dec-24	Construction	May-18	Dec-20	Unable to achieve the required capacitor balancing during testing and commissioning.
Victor 230 kV Switchrack Reconfiguration	SCE	2021-2022	2023	N/A	Apr-25	Apr-25	Design	N/A	Jun-24	No change in the expected ISD between July and October TDFs
Devers 230 kV Reconfiguration Project	SCE	2021-2022	2023	N/A	Jun-25	Jun-25	Design	Exempt	May-24	No change in the expected ISD between October 2023 TDF and January 2024 TDF
Antelope-Whirlwind Line Upgrade	SCE	2022-2023	2025	N/A	Pending	Dec-25	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023
Antelope 66 kV Circuit Breaker Duty Mitigation Project	SCE	2021-2022	2026	N/A	Dec-25	Dec-25	Engineering	Exempt	Oct-24	Material delay caused shift in construction start
Barre 230 kV Switchrack Conversion to BAAH Project	SCE	2022-2023	2026	N/A	Jun-26	Jun-26	Design	Exempt	May-25	No change in the expected ISD between October 2023 TDF and January 2024 TDF
Lugo Substation Install new 500 kV CBs for AA Banks	SCE	2008	Dec-11	Dec-24	Dec-25	Dec-26	Design	Exempt	Jan-26	Project sequencing and outage constraints has slipped the construction start to 2026.
Mira Loma-Mesa Upgrade	SCE	2022-2023	2026	N/A	Pending	Dec-26	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023
Sylmar Transformer Replacement	SCE	2022-2023	2026	N/A	Pending	Dec-26	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Lugo – Victorville 500 kV Upgrade (SCE portion)	SCE	2016-2017	Dec-18	Jun-23	Jan-26	Jan-27	Construction	Exempt	Construction started	Project sequencing and outage constraints has slipped the construction start to 2026.
Pardee-Sylmar 230 kV Line Rating Increase Project	SCE	2019-2020	Jun-23	May-23	Oct-27	Oct-27	Construction	Exempt	Oct-22	Joint SCE/LADWP project. ISD for SCE's portion of the project is June 2024. ISD for LADWP portion of the project at Sylmar Substation is October 2027.
New CoolwaterA 115/230 kV Bank	SCE	2022-2023	2026	N/A	Dec-27	Dec-27	Preliminary Engineering	Exempt	Jun-27	Project approved by CAISO in May 2023
New Serrano 4AA Bank & 230kV GIS Rebuild	SCE	2022-2023	2027	N/A	Pending	Dec-27	Preliminary Engineering	Exempt	Jun-26	Project approved by CAISO in May 2023
Mira Loma 500 kV CB Upgrade Project	SCE	2022-2023	2026	N/A	Dec-28	Aug-28	Design	Exempt	May-28	Material Lead times have increased to 5 years
Lugo-Victor-Kramer Upgrade (1/3)	SCE	2022-2023	2028	N/A	Pending	Dec-28	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023 (Lugo-Victor-Kramer 230 kV Upgrade project)
Add 3rd Lugo 500/230 kV Transformer	SCE	2022-2023	2028	N/A	Pending	Dec-28	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023 (Lugo-Victor-Kramer 230 kV Upgrade project)
Lugo-Victor-Kramer Upgrade (2/3)	SCE	2022-2023	2028	N/A	Pending	Dec-28	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023 (Lugo-Victor-Kramer 230 kV Upgrade project)
Reconductor Lugo-Victor 230 kV No. 1, 2, 3 & 4 lines using HTLS	SCE	2022-2023	2028	N/A	Pending	Dec-28	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023
Colorado River-Red Bluff 500 kV 1 Line Upgrade	SCE	2022-2023	2028	N/A	Pending	Dec-28	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Devers-Red Bluff 500 kV 1 and 2 Line Upgrade	SCE	2022-2023	2028	N/A	Pending	Dec-28	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Devers-Valley 500 kV 1 Line Upgrade	SCE	2022-2023	2028	N/A	Pending	Dec-28	Initiation	Pending	Pending	Project approved by CAISO in May 2023
San Bernardino-Vista 230 kV 1 Line Upgrade	SCE	2022-2023	2026	N/A	Pending	Dec-28	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Serrano-Alberhill-Valley 500 kV 1 Line Upgrade	SCE	2022-2023	2028	N/A	Pending	Dec-28	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Alberhill 500 kV Method of Service	SCE	2009	2014	TBD	Jun-29	Jun-29	Licensing	Sep-09	Jun-26	Alberhill dates contingent on licensing
San Bernardino-Etiwanda 230 kV 1 Line Upgrade	SCE	2022-2023	2031	N/A	Pending	Dec-31	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Vista-Etiwanda 230 kV 1 Line Upgrade	SCE	2022-2023	2031	N/A	Pending	Dec-31	Initiation	Pending	Pending	Project approved by CAISO in May 2023
Lugo-Victor-Kramer Upgrade (3/3)	SCE	2022-2023	2033	N/A	Pending	Jun-33	Preliminary Engineering	Pending	Pending	Project approved by CAISO in May 2023 (Lugo-Victor-Kramer 230 kV Upgrade project)
Rebuild/build Kramer-Victor 115 kV lines to 230 kV and Loop the old segment of Kramer-Victor 115 kV into Roadway	SCE	2022-2023	2033	N/A	Dec-33	Dec-33	Initiation	Jan-26	Jan-31	Project approved by CAISO in May 2023
Serrano-Del Amo-Mesa 500 kV Transmission Reinforcement	SCE	2022-2023	2033	N/A	Dec-33	Dec-33	Initiation	Jan-26	Jan-31	Project approved by CAISO in May 2023
New Control 115 kV Shunt Reactor	SCE	2022-2023	2026	N/A	Pending	Pending	On hold	Pending	Pending	The new project Inyo 230 kV Shunt Reactor has been submitted in the 2023-2024 TPP and, if approved by the CAISO, will supersede the project New Control 115 kV Shunt Reactor.
Method of Service for Wildlife 230/66 kV Substation	SCE	2007	2009	Oct-26	Dec-28	TBD	Project on hold	Apr-15	TBD	Project continues to be on hold due to Riverside Council efforts to pursue funding for fully underground transmission lines and CPUC decision on City of Norco's Petition For Modification (PFM).