

CAISO / CPUC Transmission Development Forum

GLW / VEA Project Updates

July 30, 2025

All cluster 9 and earlier GLW / VEA network upgrade projects are completed

Network Upgrade Projects

Project	Study	Type	Expected In-service Date (Jan 2025 TDF)	Expected In-service Date (Current)
Trout Canyon - Sloan Canyon 230kV line upgrade	2021 Reassessment	LDNU	Dec-27	Replaced by GLW Approved Upgrades; 500kV TC-SC
Innovation RAS	C8 Phase II	RNU	July-23	Completed May-23
Innovation RAS (VEA-GLW portion)	C9 Phase II	RNU	July-23	Completed May-23
Sloan Canyon RAS (VEA-GLW portion)	C9 Phase II	RNU	July-23	Completed May-23

Expected in-service date for the upgrades revised and approved in the 2022-2023 TPP is 2028

CAISO's TPP-Approved Projects

Project	Transmission Plan Approved	Expected In-service Date (Jan 2025 TDF)	Expected In-service Date (Current)
Tie line Phasor Measurement Units	2017-2018	June 2025	March 2026
GLW/VEA Area Upgrades –revised scope	2021-2022 (revised scope 2022-2023)	Dec-27 ⁽¹⁾	June-28 ⁽¹⁾
GLW/VEA Area Upgrades and Beatty Upgrades	2022-2023	Dec-27	May-28

1) The revised scope of the GLW/VEA area upgrades was approved in the 2022-2023 TPP.