

A background image showing a close-up, low-angle view of high-voltage electrical transmission towers and power lines against a blue sky with scattered white clouds. The image is partially obscured by a large white circular graphic on the left side.

LS Power Grid California, LLC Current and Future Projects Overview

SEPTEMBER 2026

Meeting Agenda

- Project Updates
- Prior Commission Filings
 - Fern Road STATCOM Substation (Round Mountain)
 - Power Santa Clara Valley HVDC (Metcalf - San Jose B)
 - Power the South Bay (Newark - NRS)
 - Manning Substation
- Current Commission Filings
 - Collinsville Substation/ Collinsville Reactors
- Potential / Future Commission Filings
 - CAISO TPPs
 - Power the Valley Connector (Northern Receiving Station to San Jose B)
- Next Steps



Prior Commission Filings

Fern Road Substation

- 2018-2019 Transmission Plan identified two reliability-driven projects for competitive solicitation (Orchard and Fern Road Substations)
 - Round Mountain 500 kV Area Dynamic Reactive Support Project (Fern Road Substation)
 - **Fern Road Substation (A.22-04-004) was energized in August 2026 and is fully operational.**



Power Santa Clara Valley Project

A.24-04-017 Project Milestones and Updates

Project Milestones	Date
CPCN Application Submitted	April 29, 2024
CPCN Application Deemed Complete	June 27, 2024
Notice of Preparation and Scoping	September 6, 2024 – October 7, 2024
CAISO Board of Governors Modification Decision	November 12, 2024
Amended CPCN Application Submitted	March 7, 2024
Publication of Draft EIR	July 10, 2025
Publication of Final EIR	November 22, 2025
CPUC Certification of Final EIR and CPUC Decision	March 19, 2026
Notice to Proceed	March 27, 2026
Construction Start	March 30, 2026
Original Planned In-Service Date	June 1, 2028
Current Projected In-Service Date	June 1, 2028
Reason for In-service Date Change	N/A



Power Santa Clara Valley Project



Power the South Bay Project

A.24-05-014 Project Milestones and Updates

Project Milestones	Date
CPCN Application Submitted	May 17, 2024
CPCN Application Deemed Complete	June 13, 2024
Notice of Preparation and Scoping	July 29-August 30, 2024
CAISO Board of Governors Modification Decision	November 12, 2024
Amended CPCN Application Submitted	February 28, 2025
Publication of Draft EIR	June 10, 2025
Publication of Final EIR	November 21, 2025
CPUC Certification of Final EIR and CPUC Decision	March 19, 2026
Notice to Proceed	March 26, 2026
Construction Start	March 30, 2026
Original Planned In-Service Date	June 1, 2028
Current Projected In-Service Date	June 1, 2028
Reason for In-service Date Change	N/A

Power the South Bay Project



Manning 500/230kV Substation Project

A.24-06-017 Project Milestones and Updates

Project Milestones	Date
CPCN Application Submitted	June 28, 2024
CPCN Application Deemed Complete	July 24, 2024
Publication of Draft IS/MND	March 19, 2025
Publication of Final IS/MND	June 21, 2025
CPUC Certification of Final IS/MND and CPUC Decision	September 18, 2025
Notice to Proceed	January 16, 2026
Construction Start	February 20, 2026
Original Planned In-Service Date	June 1, 2028
Current Projected In-Service Date	June 1, 2028
Reason for In-service Date Change	N/A



Current Commission Filings

Collinsville Substation

- 2021-2022 Transmission Plan identified four projects
 - CAISO selected LS Power Grid California (LSPGC) the Collinsville Substation Project (as well as 3 other projects)
- Schedule was originally similar to San Jose Projects and Manning



- Policy-driven project to support reliability improvements and additional power generation

Collinsville 500/230kV Substation Project

A.24-07-018 Project Milestones and Updates

Project Milestones	Date
CPCN Application Submitted	July 29, 2024
CPCN Application Deemed Complete	December 11, 2024
Notice of Preparation and Scoping	January 7 – January 21, 2025
Publication of Draft EIR	November 4, 2025
Publication of Final EIR	March 23, 2026
CPUC Certification of Final EIR and CPUC Decision	4th Quarter 2026
Notice to Proceed	TBD
Construction Start	TBD
Original Planned In-Service Date	June 1, 2028
Current Projected In-Service Date	May 31, 2029
Reason for In-service Date Change	CPCN delay, PG&E readiness



Potential / Future Commission Filings

- 2023-2024 TPP Competitive Projects
 - LSPGC anticipates interconnection related work at the Fern Road and Collinsville substations associated with the Humbolt to Fern and Humbolt to Collinsville projects.
- 2024-2025 TPP Competitive Projects
 - LSPGC was awarded the Northern Receiving Station to San Jose B 230 kV Line (Power the Valley Connector Project)
- 2025-2026 TPP Competitive Projects
 - TPP was approved in May 2026
 - LSPGC evaluating proposal opportunities
- Section 851 filings for land transfers
 - N/A



Potential / Future Commission Filings

Power the Valley Connector Project

- Project Need
 - Planned by CAISO to complement scope changes that have been made to the San Jose area HVDC lines and provide further load serving capability in the area to improve resiliency, support economic development, and provide better access to cost effective, renewable energy
- Project Scope
 - 230 kV underground transmission line between the NRS Substation and SJB Substation
 - In-service date of no later than June 1, 2030



- Late Q2 2027 CPCN Filing

Next Steps

Coordination to Drive Success

- Maintain momentum during construction through the continuation of bi-weekly calls among CPUC Project Managers and third party CEQA firms
- LSPGC to provide updates on construction sequencing, Notice to Proceed requests and future Minor Project Refinements
- Future coordination: LSPGC to provide updates on new CAISO awarded project(s)
- LSPGC to continue to communicate permitting or compliance issues with the CPUC as soon as they arise.



Questions/Feedback

