



Current and Future Projects Overview

July 2025



LS Power - CPUC Quarterly Meeting (Q2 2025)

Agenda

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

Prior Commission Filings

Gates (Orchard) and Round Mountain (Fern Road)

- 2018-2019 Transmission Plan identified two reliability-driven projects for competitive solicitation
 - Gates 500 kV Dynamic Reactive Support Project (Orchard Substation) Round Mountain 500 kV Area Dynamic Reactive Support Project (Fern Road Substation)

	Orchard Substation A.21-02-018	Fern Road Substation A.22-04-004
PTC Filed	February 19, 2021	April 6, 2022
PTC Issued	December 22, 2022	January 23, 2024
In-Service	March 12, 2025	Expected 4 th Quarter 2025



Current Commission Filings

Metcalf, Newark, Manning, Collinsville

- 2021-2022 Transmission Plan identified four projects
 - CAISO selected LS Power Grid California (LSPGC) for all four through competitive process
- Schedules are similar for each project



- **Power the Bay Projects**
 - Reliability-driven projects to address CAISO-identified reliability violations resulting from load growth
- **Manning and Collinsville**
 - Policy-driven projects to support reliability improvements and additional power generation

Power Santa Clara Valley HVDC Project

A.24-04-017 Project Milestones and Updates

Milestone	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	4th Quarter 2025*
CPUC Certification of Final EIR and CPUC Decision	1st Quarter 2026* Requested no later than December 31, 2025
Notice to Proceed	1 st Quarter 2026
Construction Start	1 st Quarter 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

* From CPUC website's Project milestone schedule

Power the South Bay 230 kV Line Project

A.24-05-014 Project Milestones and Updates

Milestone	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 9, 2025
Publication of Final EIR	4th Quarter 2025*
CPUC Certification of Final EIR and CPUC Decision	1st Quarter 2026* Requested no later than December 31, 2025
Notice to Proceed	January 2026
Construction Start	January 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

* From CPUC website's Project milestone schedule

Manning 500/230kV Substation Project

A.24-06-017 Project Milestones and Updates

Milestone	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	*Anticipated Late 2025/Early 2026
Notice to Proceed	1st Quarter 2026
Construction Start	2nd Quarter 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

* From CPUC website's Project milestone schedule

Collinsville 500/230kV Substation Project

A.24-07-018 Project Milestones and Updates

Milestone	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	October 16, 2025 (expected)
Publication of Final EIR	TBD
CPUC Certification of Final EIR and CPUC Decision	TBD
Notice to Proceed	1st Quarter 2026
Construction Start	1st Quarter 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

Potential / Future Commission Filings

- 2023-2024 TPP Competitive Projects
 - CAISO awarded both projects in May 2025
 - 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
 - TPP was approved in May 2025
 - LSPGC planning to submit proposals for CAISO competitive projects
- Section 851 filings for land transfers

Next Steps

Coordination to Drive Success

- Coordinate for the CPCN proceeding to run currently with the CEQA process
- Maintain momentum through the continuation of bi-weekly calls among CPUC Project Managers and third party CEQA firms
- LS Power Grid California prepared to be responsive to data requests and accommodate discussions as they arise
- CPUC to continue updating detailed CEQA milestone schedules
- LSPGC coordinating with cities and counties regarding ministerial permits

