

# **ANNUAL PROGRESS REPORT**

## **Manning 500/230 kV Substation Project**

Submitted by:  
LS Power Grid California, LLC

March 1, 2024

## 2024 Initial Progress Report

In accordance with the Western Electricity Coordinating Council (WECC) Progress Report Policies and Procedures, LS Power Grid California, LLC (LSPGC) hereby submits the Initial Progress Report for Manning 500/230 kV Substation Project.

### Project Purpose

In its 2021-2022 Transmission Plan<sup>1</sup> the California Independent System Operator (CAISO) identified a Policy-driven need for the Manning 500/230 kV Substation Project (Project) to address constraints impacting the deliverability of resources that are needed to meet the State's policy goals.

Following approval of the Transmission Plan, the CAISO initiated an open, competitive solicitation in 2022-23, which provided potential project sponsors the opportunity to submit proposals to finance, construct, own, operate, and maintain the Project. Through this competitive solicitation process, the CAISO then selected LSPGC as the Approved Project Sponsor for the Project.

LSPGC is not seeking a Waiver of "Significant Impact" Status for this project. The Project will enter the WECC project coordination process and a separate notification will be provided at a later date to initiate the process.

### Project Details

This section includes the required Project information in accordance with Section 5.1 of the WECC Progress Report Policies and Procedures.

**a. A brief physical description of the project, including points of interconnection, equipment capacities and voltages, and expected ratings**

LSPGC's scope for the Project includes:

- New Manning 500/230 kV substation including fixed series capacitors on each of the Manning – Los Banos 500 kV lines:
- New 12-mile-long double-circuit 230 kV transmission line from the new Manning Substation to PG&E's existing Tranquility Switching Station

Points of Interconnection with PG&E include:

- Loop-in of Los Banos – Gates #1 500 kV line

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<sup>1</sup> <http://www.caiso.com/InitiativeDocuments/ISOBoardApproved-2021-2022TransmissionPlan.pdf>

- Loop-in of Los Banos – Midway #2 500 kV line
- Loop-in of Panoche – Tranquility #1 & #2 230 kV lines
- Two 230 kV bus positions at Tranquility

In addition, PG&E will be reconductoring approximately seven (7) miles of PG&E's existing Panoche – Tranquility Switching Station #1 and #2 230 kV lines between Manning and Tranquility. PG&E will also be modifying series capacitors at Gates as required to maintain appropriate compensation levels on the 500 kV lines.

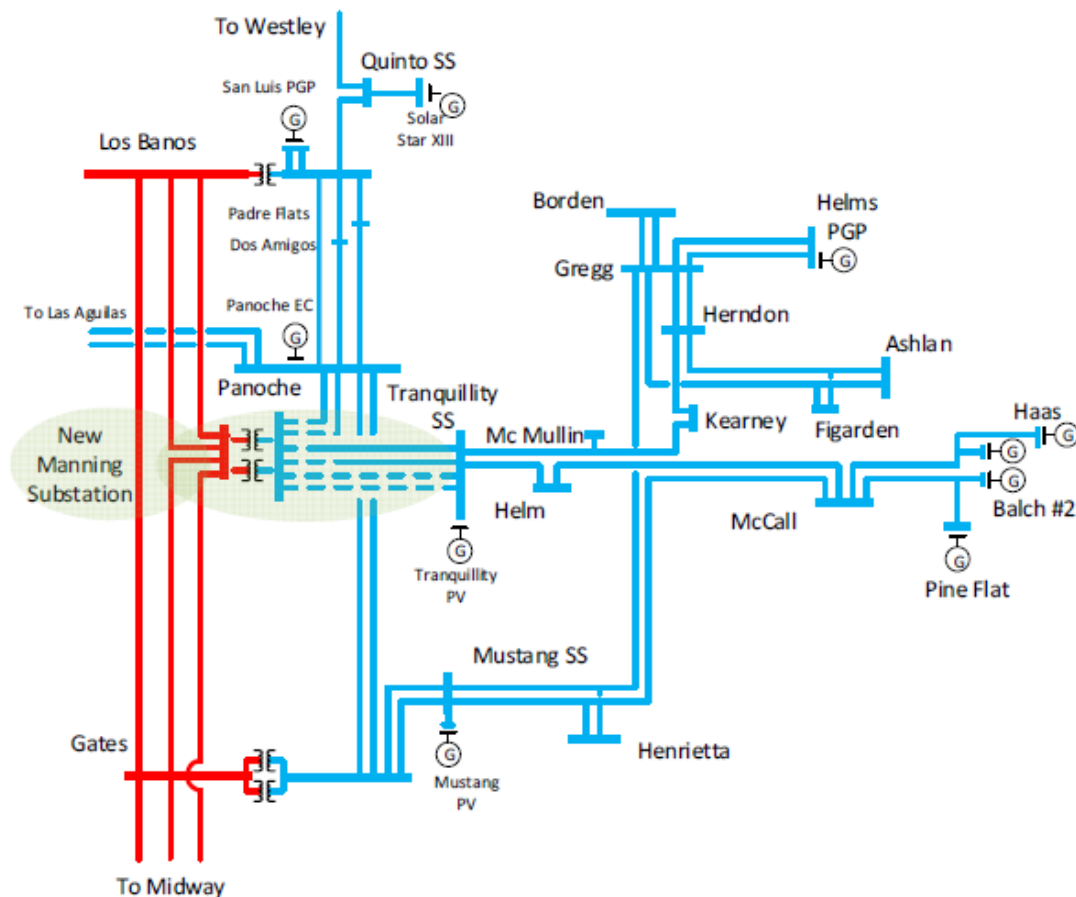


Figure 1: Location of Manning 500/230kV Substation Project

## b. The Planned Operating Date

The planned in-service date is June 2028.

## c. The project status, including where the project is situated in the planning process and a tentative schedule for completion.

The Project was approved by the CAISO Board of Governors on March 17, 2022. CAISO selected LSPGC as the Approved Project sponsor on January 23, 2023. The project is currently in the design phase and is to be in service by June 1, 2028.

- CPCN Application Filing at CPUC      Q2 2024
- Commence Construction                Q2 2026
- Construction Complete                Q2 2028
- Placed in service                        Q2 2028

- d. **Facility owner(s) name, a contact person including title or position, address, telephone number and email address that can answer questions and comments or direct them to persons who can provide responses.**

**Project Sponsor Contact Info:**

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