



## Northern San Joaquin 230 kV Transmission Project Draft Environmental Impact Report Fact Sheet

Pacific Gas & Electric Company (PG&E) filed an Application for a Certificate of Public Convenience and Necessity Authorizing the Construction of the Northern San Joaquin 230 Kilovolt (kV) Transmission Project on September 1, 2023 (CPCN Application No. A2309001). As the Lead Agency pursuant to the California Environmental Quality Act (CEQA), CPUC has prepared a Draft Environmental Impact Report (EIR) to evaluate the environmental effects of project implementation.

### Project Overview

**Purpose:** Address electric reliability and capacity issues identified by the California Independent System Operator on the existing PG&E 230 kV and 60 kV systems

**Location:** Northeastern San Joaquin County and in the City of Lodi, with remote-end facilities in Contra Costa County, Linden, Lodi, Rio Oso, and Sacramento

**Constructed and operated by:** PG&E, an investor-owned utility regulated by CPUC, and Lodi Electric Utility (LEU), a publicly owned utility operated by the City of Lodi and a member of the Northern California Power Agency

### PG&E would:

- Loop the existing overhead PG&E Brighton-Bellota 230 kV transmission line through an expanded PG&E Lockeford Substation (a new 3.8-mile line extension)
- Install a new 6.8-mile long, overhead, double-circuit 230 kV transmission line between the PG&E Lockeford Substation and the proposed PG&E Thurman Switching Station adjacent to LEU's existing Industrial Substation
- Complete system protection and communication upgrades at existing substations in Linden, Sacramento, Lodi, Rio Oso and the existing Clayton Hill Repeater Station in Contra Costa County

### LEU would:

- Construct a new 230/60 kV Guild Substation that would step down power from the PG&E lines
- Reconfigure 60 kV lines between Guild and Industrial Substations
- Relocate existing 12 kV lines

### Draft EIR Scope and Conclusions

The Draft EIR includes a description of the project and the existing environment potentially affected by the project, and an analysis of potential environmental impacts, including direct, indirect, and cumulative effects.

**The Draft EIR evaluates:** Aesthetics; Agriculture; Air Quality; Archaeological, Historical, and Tribal Cultural Resources; Biological Resources; Energy; Geology, Soils, and Mineral Resources; Greenhouse Gas Emissions; Hazards and Hazardous Materials; Hydrology and Water Quality; Land Use and Planning; Noise; Population, Employment, and Housing; Public Services and Recreation; Transportation; Utilities and Service Systems; and Wildfire.



The Draft EIR describes mitigation measures which, if adopted by the CPUC, would avoid or minimize significant environmental impacts from the project. **No significant and unavoidable impacts are identified.**

## Alternatives Evaluated in the Draft EIR

**Alternative 1:** No Project Alternative assumes the continuation of baseline conditions

**Alternative 2:** Central Route Alternative would route the portion of the new 230 kV between PG&E Lockeford Substation and LEU Industrial Substation parallel to portions of the existing PG&E Lockeford-Industrial 60 kV Line

**Alternative 3:** Northern Route Alternative would route the portion of the new 230 kV corridor between PG&E Lockeford Substation and LEU Industrial Substation parallel to portions of the existing PG&E Lockeford-Industrial- 60 kV Line

## Commenting on the Draft EIR

The Draft EIR was published on December 10, 2024, initiating a 60-day review period. Please provide your comments on or before February 7, 2025.

To access the Draft EIR online or obtain additional information on the project and the CEQA process, visit the project webpage: <https://ia.cpuc.ca.gov/environment/info/ascent/NSJTP/index.html>

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