

Power the South Bay Project

Improving grid reliability and providing better access to cost-effective energy for homes and businesses in the South Bay

LS Power Grid California is an electric transmission utility in the state of California that owns and operates transmission lines and substations to support the California ISO (CAISO).

100+

Construction
jobs created

**\$165
Million**

Lifetime property
and sales taxes to
be generated

Project Award

In 2023, CAISO selected LS Power Grid California as the sponsor for the Power the South Bay Project through a competitive process. The CAISO selection report stated that LS Power Grid California can “capably, cost-effectively, and reliably license, finance, construct, operate, and maintain this particular project at the lowest cost and by the specified in-service date.”

Assets

- 12-mile 230 kV alternating current overhead and underground transmission line connecting Pacific Gas & Electric's Newark Substation to Silicon Valley Power's Northern Receiving Station Substation

**\$675+
Million**

Infrastructure investment
in grid reliability



“The project will meet reliability needs now and into the future to serve the Silicon Valley area’s growing electric load.”

– Paul Thessen, President, LS Power Development

LS Power Grid California: Power the South Bay Project

Project Highlights

Competitive Cost to Build

LS Power Grid California proposed the most robust cost containment proposal, including a forty-year annual revenue requirement cap.

Transforming California's Grid

The Power the South Bay Project represents one of six transmission projects competitively awarded to LS Power Grid California by CAISO.



Location of the Power the South Bay Project within CAISO's footprint



2023

CAISO Selects
LS Power Grid
California as the
Approved Project
Sponsor

2023-
24

Community
Input &
Environmental
Studies

2024-
25

Engineering &
Permitting

2026

Anticipated
Construction
Start

2028

Anticipated
Energization



**LS Power
Grid**