

## Power Santa Clara Valley HVDC Project

**Improving grid reliability, supporting economic development, and providing better access to lower-cost energy for San Jose area consumers**

LS Power Grid California is an electric transmission utility in the state of California that provides reliability and resiliency for the electric grid and enables the flow of energy from efficient and diverse generation resources.

**200+**

Estimated construction jobs to be created during the project

**\$400**

**Million**

Lifetime property and sales taxes to be generated

**1,000 MW**

Equivalent of serving approx. 750,000 homes

**\$1.15**

**Billion**

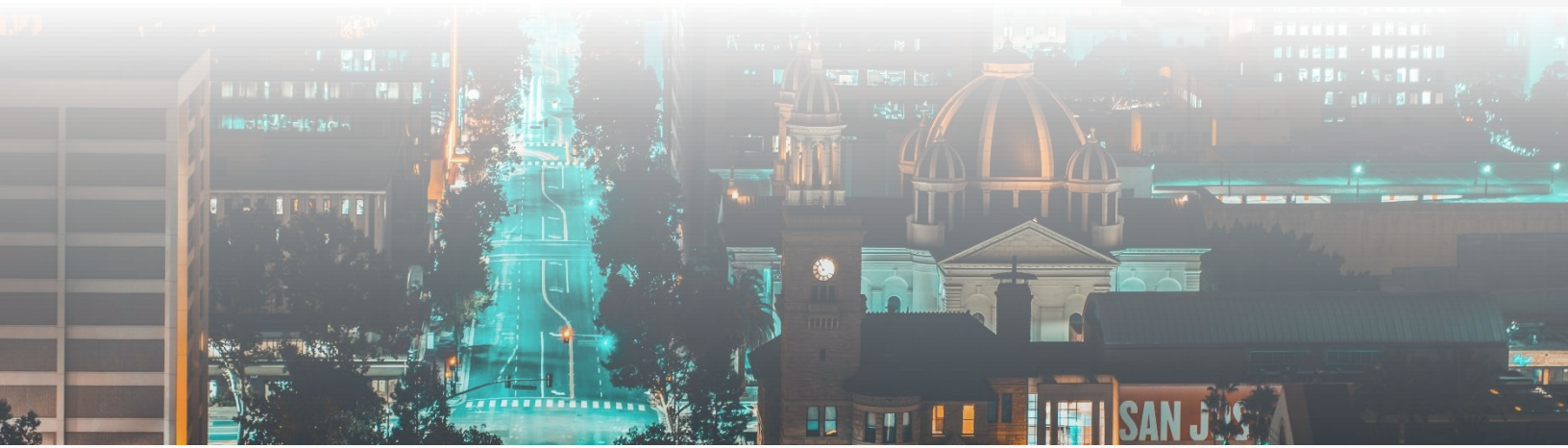
Infrastructure investment in grid reliability

### Project Award

In 2023, CAISO selected LS Power Grid California as the sponsor for the Power Santa Clara Valley Project through a competitive process. The CAISO selection report stated that LS Power Grid California's proposal provided **"significantly greater cost certainty and lower projected costs than the other project sponsors' proposals."**

### Assets

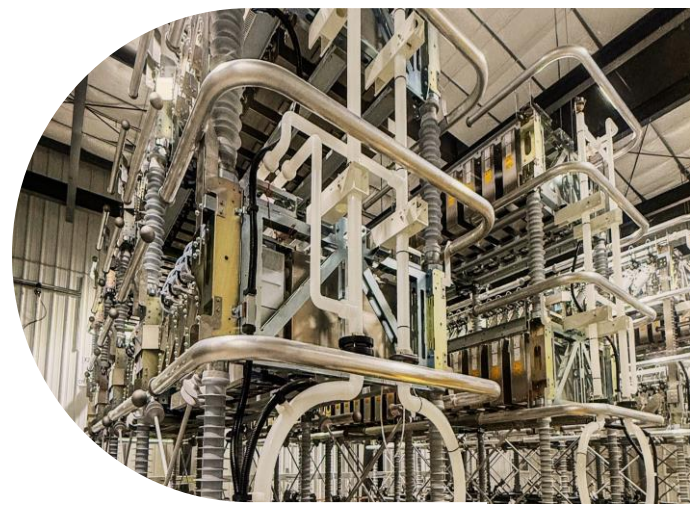
- Skyline terminal in downtown San Jose with 230 kV switchgear that will interconnect to PG&E's existing San Jose B Substation
- Grove terminal in south San Jose that will interconnect to Pacific Gas & Electric's existing Metcalf Substation
- A new approximately 12-mile  $\pm 320$  kV HVDC underground transmission line will connect Grove to Skyline



**"The project will employ some of the most advanced grid technologies to reliably serve San Jose's growing electric load."**

– Paul Thessen, President, LS Power Development

# LS Power Grid California: Power Santa Clara Valley HVDC Project



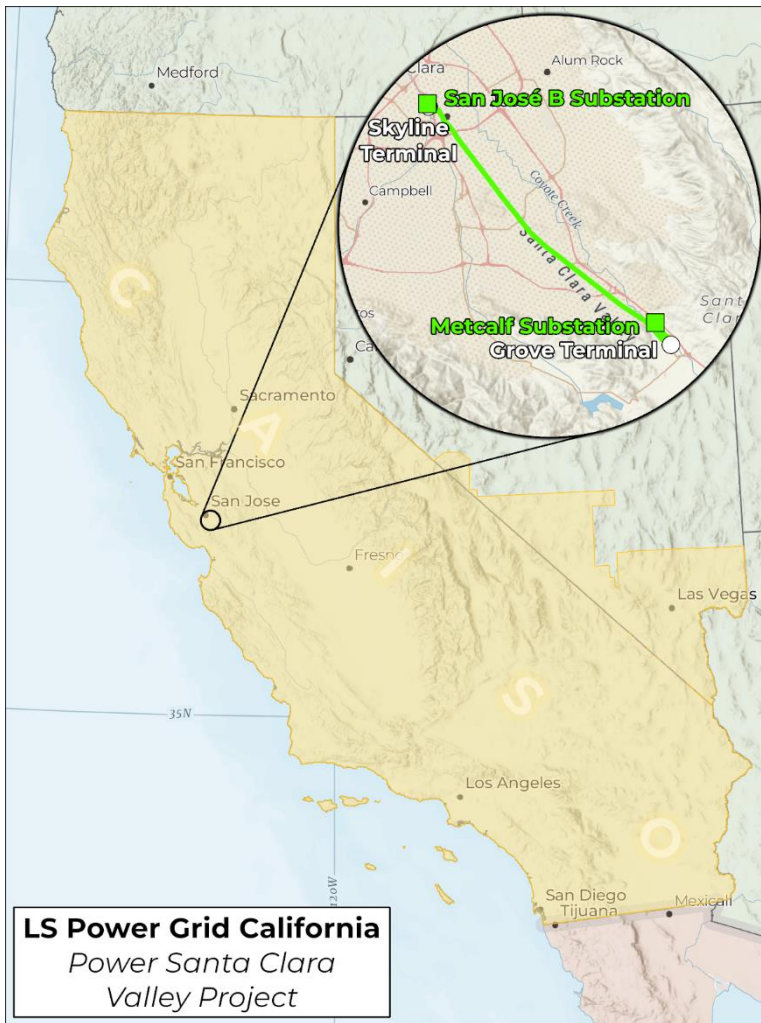
## Project Highlights

### 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 Santa Clara Valley Project represents the largest infrastructure project competitively awarded to LS Power Grid California by CAISO.



Location of the Power Santa Clara Valley 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

Construction  
Start

2028

Anticipated  
Energization

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