GOLDEN PACIFIC
POWERLINK

A NEW 500-KV TRANSMISSION LINE

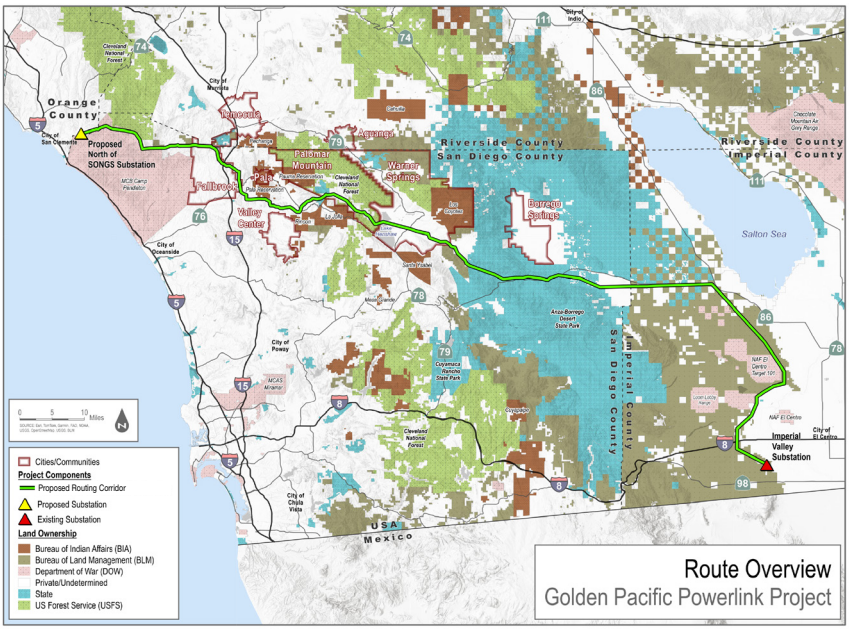
Golden Pacific Powerlink

Delivering Tomorrow's Energy

California is projected to use more electricity than ever as homes, transportation, businesses, and industry increasingly rely on electricity. To ensure the state has enough power to meet statewide energy goals, California's transmission planning process has determined that additional transmission capacity is needed to keep the electric system reliable and resilient.

Through the California Independent System Operator's (CAISO) rigorous transmission planning process, Golden Pacific Powerlink was identified as a required project to strengthen the statewide grid, reduce congestion, and improve the delivery of electricity to where it's needed most.

Golden Pacific Powerlink is a proposed new 500-kilovolt (kV) transmission line that SDG&E will build, own, and operate. The project would connect SDG&E's existing Imperial Valley Substation to a new substation to be built near the San Diego–Orange County border, creating a critical new high-capacity pathway to help deliver electricity across Southern California.



Projected Timeline

SPRING 2023
CAISO identifies and approves project in its annual Transmission Plan

SUMMER 2025
SDG&E assumes responsibility to build, own and operate the new line

SPRING 2026
Virtual open houses

SUMMER/FALL 2026
In-person open houses

DECEMBER 2026
California Public Utilities Commission Filing

Fall 2026-2029
State and federal permitting and approvals

Fall 2029
Construction

2032
New transmission line begins service

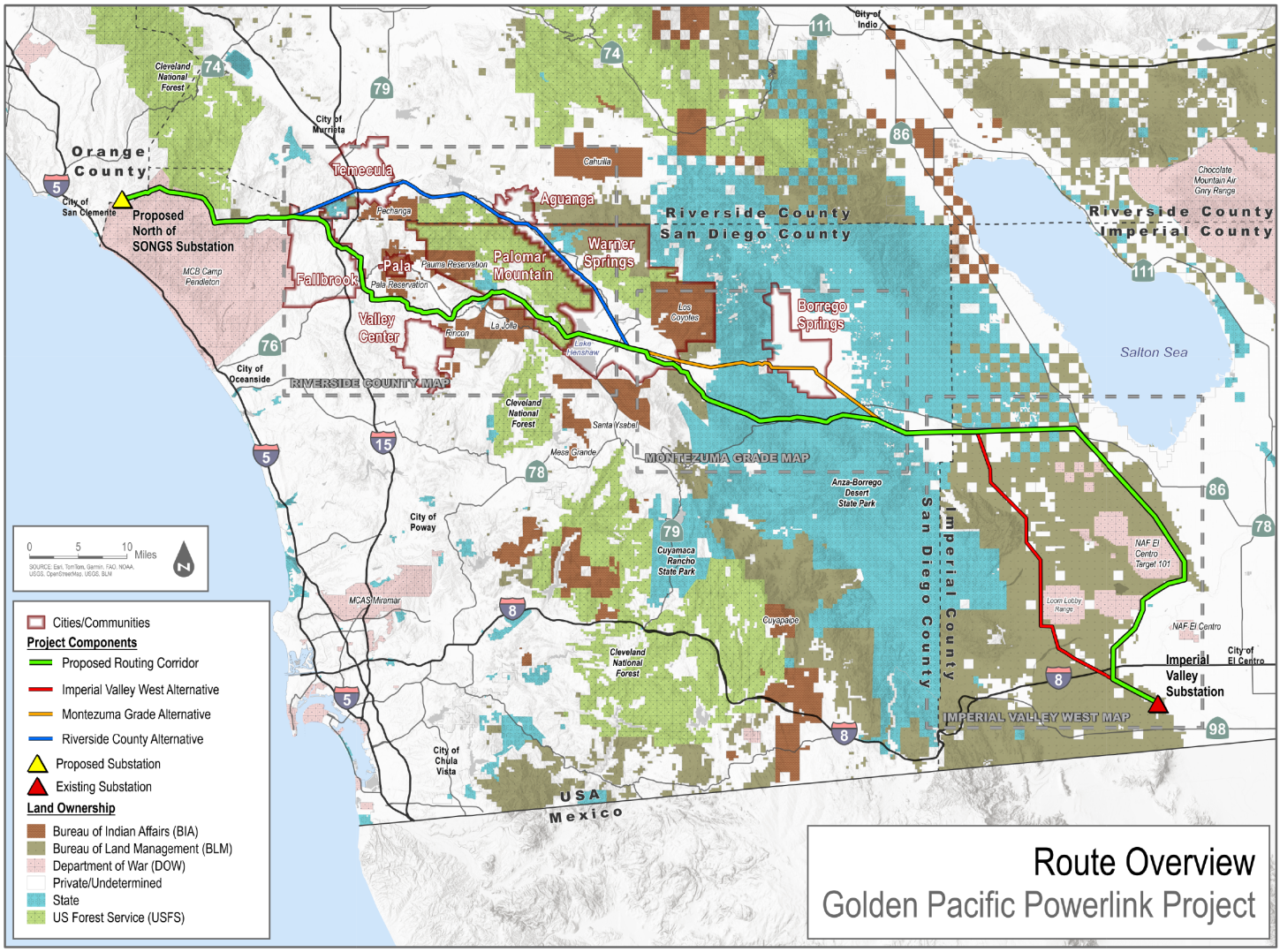
Estimated dates



This new line will help keep the region's power supply reliable and allow the state to meet its energy goals as demand continues to grow.

- Create a vital new transmission pathway
- Enhance the region's electrical grid
- Enable greater integration of more electricity generation

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As part of the CEQA environmental review process associated with SDG&E's application to the California Public Utilities Commission (CPUC), SDG&E has identified a proposed routing corridor and a range of potential alternatives for further study by the CPUC. Following months of stakeholder engagement, engineering, and field investigations, SDG&E has refined the alternatives under consideration. The alternatives being advanced by SDG&E have been identified as feasible and capable of meeting most of the project objectives established in CAISO's Transmission Plan.

Opportunities for Participation

Golden Pacific Powerlink is in early routing and preliminary design. As the project moves forward, SDG&E is committed to engaging with communities and gathering public input to help inform project development and environmental review.

SDG&E's Commitment to Safety and Reliability

With over 140 years of experience delivering energy across the region, SDG&E has a strong track record of building and operating critical infrastructure. The Golden Pacific Powerlink will benefit from this expertise, including SDG&E's award-winning wildfire safety program. Safety and reliability will guide every step of the project.

Scan to learn more or email us at:
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