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# Riverside Transmission Reliability Project



## OVERVIEW

The Riverside Transmission Reliability Project (RTRP) is a significant infrastructure initiative and is a joint project between Southern California Edison (SCE) and Riverside Public Utilities (RPU). The RTRP is:

- Aimed at enhancing the reliability and capacity of the electric grid serving the City of Riverside, its customers, and businesses.
- Includes the construction of a 10-mile, double-circuit 230 kV transmission line with approximately 4 miles of underground and 6 miles of overhead construction.
- Provides a crucial second point of interconnection to the grid, improving overall reliability and resiliency of the electric supply.

SCE is responsible for the transmission line and related components while RPU is responsible for the construction of certain project elements within the City of Riverside, including the Wilderness Substation, certain interconnections, telecommunications facilities and 66kV subtransmission lines.

The RTRP has been a significant initiative in the works for more than 20 years with a current investment of approximately \$50 million for licensing and pre-construction costs. RTRP remains a critical component of SCE's efforts to ensure a reliable power supply for the growing demands of the Riverside community.

## Meeting Future Energy Needs

Power demand is increasing due to commercial and residential development, and electric vehicles, including trucks. Riverside relies on aging gas-fired "peaker" power plants to meet power demand.

Without a second connection to the grid, Riverside faces significant reliability challenges. Sufficient renewable power to meet Riverside's energy needs cannot currently be brought into the Inland Empire from utility-scale solar and wind sources due to grid constraints.

Scan to visit the RTRP website



RTRP Hotline:  
(866) 785-7057 ext. 3



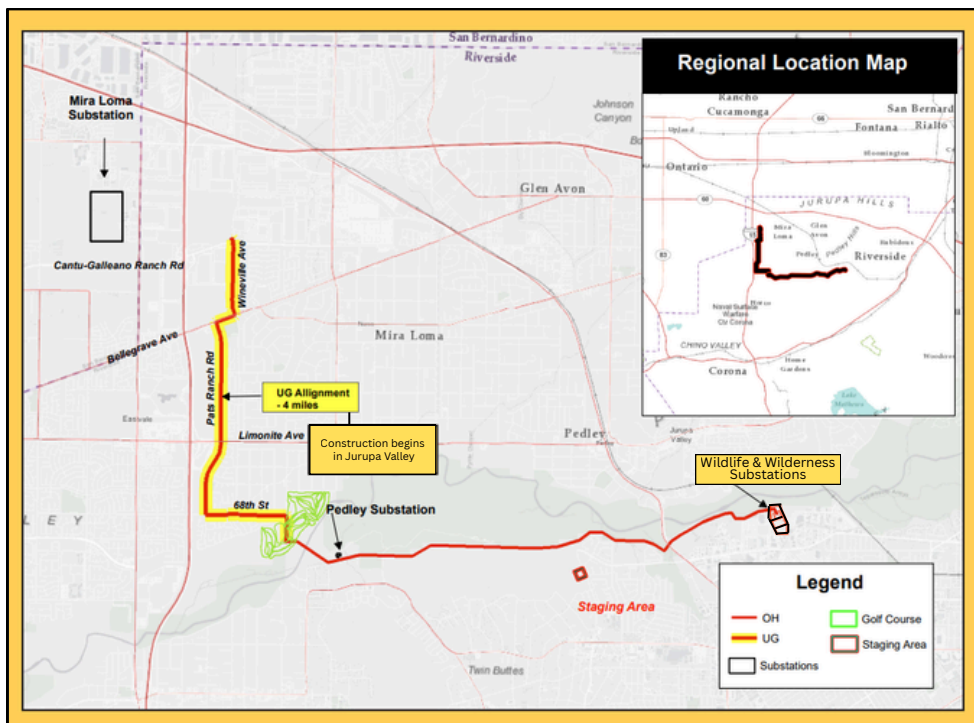
## Why it Matters

Riverside is experiencing a remarkable surge in economic vitality and growth, attracting new companies thanks in part to its robust infrastructure improvements. The RTRP is an essential initiative that will strengthen the city's connection to the electrical grid, ensuring a reliable power supply and supporting growth in power demand. The RTRP is necessary for accommodating the influx of new businesses and homes, providing a stable foundation for dozens of schools, several hospitals and other critical facilities.

As the county seat, Riverside is home to such institutions as the county administrative center, federal courthouse, state offices, the California Air Resources Board headquarters, the sheriff's communication center and county emergency operations. Numerous colleges and universities are located in Riverside.

Riverside's economic evolution – from agriculture to a hub for diverse industries, including manufacturing, aerospace, electronics and green tech – underscores its adaptability and entrepreneurial success record. The city has been recognized for its mindful growth approach, emphasizing economic resiliency and a welcoming quality of life. Riverside's strategic location between the ports to its west, markets to its east and transportation corridors, its enhanced infrastructure, and comprehensive institutional presence, make it a prime location for businesses seeking stability and planning to grow.

## Project Map



## Key Dates

### June 2006

The California Independent System Operator, responsible for planning the statewide transmission grid, finds that power studies establish a need for the project.

### March 2020

California Public Utilities Commission approves the RTRP.

### June/July 2025

Construction begins in Jurupa Valley.

### Late 2029/Early 2030

Estimated connection is operational.