Fact Sheet

Eldorado-Pisgah-Lugo (EPL)
Transmission Line Rating and Remediation (TLRR) Project

San Bernardino County, California and Clark County, Nevada

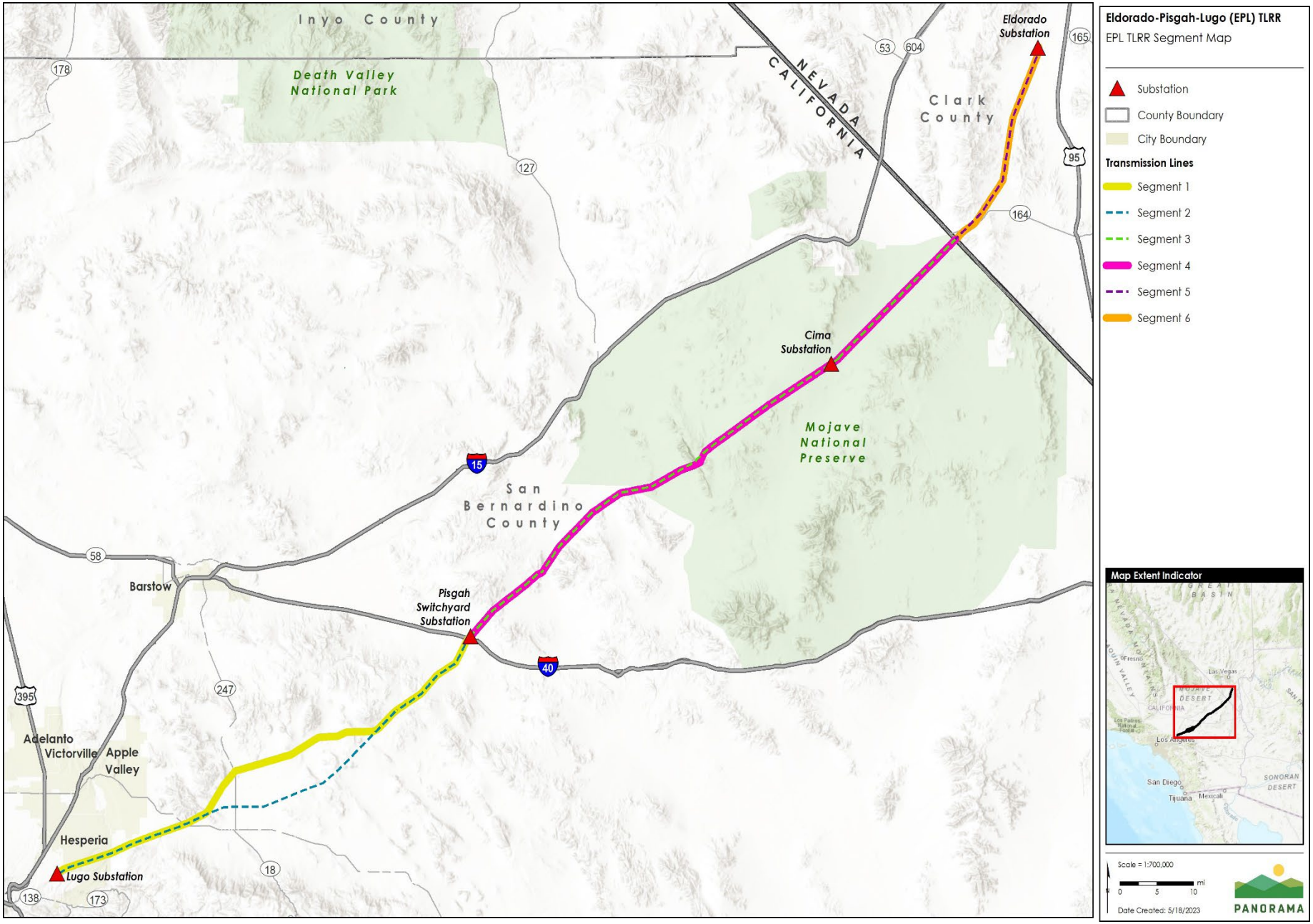
Southern California Edison (SCE) is proposing to construct and operate the Transmission Line Rating Remediation (TLRR) Eldorado-Pisgah-Lugo 220 kilowolt (kV) Project (Project). The Project would be located in unincorporated San Bernardino County and the City of Hesperia within the State of California, and in unincorporated Clark County and the City of Boulder City within the State of Nevada. The Project would perform work along the Lugo-Pisgah No. 1 220 kV transmission line, the Lugo-Pisgah No. 2 220 kV transmission line, the Cima-Eldorado-Pisgah No. 1 220 kV transmission line, and the Cima-Eldorado-Pisgah No. 2 220 kV transmission line, as well as modifying existing substations facilities associated with those lines, including the Pisgah Switching Station and Cima Substation. The Project is subject to review under the California Environmental Quality Act (CEQA).

Proposed Eldorado-Pisgah-Lugo TLRR Project

SCE studied its transmission system and determined that certain older parts of the subtransmission system do not comply with the California Public Utility Commission's (CPUC) clearance requirements defined in General Order (GO) 95. As a result, SCE proposes to implement the TLRR program to correct the clearance discrepancies identified for the Project facilities. In addition, the Project would address reliability of the aging infrastructure on the affected subtransmission lines. To remediate identified clearance discrepancies, SCE proposes to (1) reconductor portions of the transmission lines, (2) install inter-set structures and replace the hardware on adjacent structures, and (3) replace the existing insulator assemblies with shorter assemblies on some other structures.

The proposed activities would be performed along the length of SCE's existing 220 kV subtransmission lines included in the Project and associated substations. No new subtransmission lines or substations would be constructed as part of the Project. The Project would be constructed and operated on federal lands administered by the United States Bureau of Land Management (BLM); lands within the National Park Service's Mojave National Preserve (NPS MNP); California state lands; lands managed by the California Department of Transportation (Caltrans; along state highways) and county and cities (franchise); city-owned lands; and private lands. SCE possesses rights over portions of these lands but will need to acquire additional land rights prior to constructing the Project. The locations where specific work would occur is summarized in the segments below and shown on Figure 1 below.

Figure 1. EPL TLRR Project Segments



Segments 1 and 2: Lugo Substation – Pisgah Switching Station

Segments 1 and 2 are located between the existing Lugo Substation (adjacent to the City of Hesperia) and the existing Pisgah Switching Station. In these Segments, portions of the Lugo-Pisgah No. 1 220 kV transmission line will be reconductored, inter-set structures will be installed, and shorter insulator assemblies will be installed.

Segments 1 and 2: Cottonwood Avenue looking southwest towards Lugo Substation

Segments 3 and 4: Pisgah Switching Station - California/Nevada stateline

Segments 3 and 4 are located between the existing Pisgah Switching station and the California/Nevada stateline. In these Segments, portions of the Cima-Eldorado-Pisgah No. 1 220 kV transmission line will be reconductored and shorter insulator assemblies will be installed.

Segment 5: California/Nevada stateline - Eldorado Substation

Segment 5 is located between the California/Nevada stateline and the existing Eldorado Substation. No work will occur in this Segment.

Segment 6: California/Nevada stateline - Eldorado Substation

Segment 6 is located between the California/Nevada stateline and the existing Eldorado Substation. In this Segment portions of the Cima-Eldorado-Pisgah No. 2 220 kV transmission line will be reconductored and shorter insulator assemblies will be installed.

Segments 3 and 4: Cima Road looking north

Existing Substations

Work at the Cima Substation will consist of replacing the tap attachments within the substation. Work at the Pisgah Switching Station will consist of replacing deadend hardware on rack attachments.

Project Construction

SCE proposes to construct the project between approximately May 2025 and May 2027. Construction would be achieved through the use of temporary work areas along the project segments, staging areas, and access roads. Vegetation would be trimmed or cleared within the limits of the construction areas in order to establish access. SCE has identified a number of applicant-proposed measures to address environmental impacts associated with the Project.

Anticipated Schedule

The anticipated project schedule for the CPUC's CEQA process, CPUC review, and proposed construction is presented in Table 1.

Table 1. EPL Project Schedule

Project Activity	Approx. Date
SCE Files Application at CPUC	April 2023
CPUC Publishes Draft MND	January 2024
CPUC Publishes Final MND	May 2024
CPUC Project Decision	January 2025
SCE's Proposed Construction Start	May 2025
Project Operational	October 2027

For Additional Information on the EPL TLRR Project and the CPUC's CEQA Process:

https://ia.cpuc.ca.gov/environment/info/panoramaenv/EPL_TLRR/index.html

Email: EPL_TLRR@panoramaenv.com