

Southern California Edison
Presidential Substation Project A.08-12-023

DATA REQUEST SET Presidential ED-03 (Part 3)

To: CPUC

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Question 47:

Alternatives

Alternative Subtransmission Routes – Provide information regarding the locations and size of any anticipated pull and tension sites.

Response to Question 47:

Conductor pulling would be in accordance with SCE specifications and similar to process methods detailed in the Institute of Electrical and Electronics Engineers (IEEE) Standard 524-2004 (Guide to the Installation of Overhead Transmission Line Conductors). Conductor stringing set-up locations are typically approximately 150 feet x 30 feet in size, and require level areas to allow for maneuvering of the equipment. When possible, these locations would be located on existing level areas and existing roads to minimize the need for grading and cleanup. Typically, conductor pulls occur every 6,000 feet on flat terrain or less if located on rugged terrain, and at all turning points. Based on the typical conductor pull footages, the Proposed Subtransmission Source Line Route could have approximately five pull and tension sites, Subtransmission Source Line Alternate Route #1 could have approximately twelve pull and tension sites, and Subtransmission Source Line Alternate Route #2 could have approximately twelve pull and tension sites.