

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

**DATA REQUEST SET Presidential ED-03 (Part 1)**

**To:** CPUC

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**Dated:** 05/19/2009

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**Question 19:**

**Project Description**

Describe the activities associated with the relay work at Royal, Thousand Oaks and Moorpark Substation.

**Response to Question 19:**

Page 3-13 of SCE's PEA indicated the existing 66 kV relays at Royal Substation, Thousand Oaks Substation, and Moorpark Substation would need to be upgraded with new 66 kV relays. SCE has subsequently determined that the appropriate relays are already in place at Thousand Oaks Substation and no further work relay work will be required at that substation.

Below are the activities identified for the relay replacement planned for the Royal and Moorpark Substations. It is important to note that all construction activities associated with upgrading the relays would occur within the existing enclosed relay rooms which are located within the exterior fences of each substation, and would not involve any ground disturbance.

Royal Substation

At Royal Substation, SCE will replace two 66 kV relays with two upgraded 66 kV relays. SCE will reuse the existing relay rack and the associated switches currently in place. In order to replace the relays, SCE will need to conduct an outage on the Moorpark-Royal #2 66 kV line for system protection reasons. However, SCE does not anticipate dropping service to any customers in the area when the line is of service during the relay replacement activities. During the installation of the new relays, all secondary wiring related to the removed relays will be replaced with new secondary wiring. After the new relays are installed, a SCE Test Crew will test and then energize the new relays and the 66 kV line. The removed relays, secondary wiring and related devices will be palletized and shipped to SCE's Alhambra Combined Facility Building for proper disposal.

Moorpark Substation

At Moorpark Substation, SCE will replace a total of ten 66 kV relays with four upgraded 66 kV relays. In order to facilitate the new relay installation, SCE will need remove the existing

wood panels in the relay room and install new relay racks with new switches. In order to replace the relays, SCE will need to conduct an outage SCE on the Moorpark-Royal #2 and Moorpark-Thousand Oaks #2 66 kV lines for system protection reasons. However, SCE does not anticipate dropping service to any customers in the area when the line is of service during the relay replacement activities. After new relays, racks and associated equipment are installed, the SCE Test Crew will then energize the new relays and the 66 kV lines. The removed relays, panels and related devices will be palletized and ship to SCE's Alhambra Combined Facility Building for proper disposal.