

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

DATA REQUEST SET Presidential ED-04 Q.01 Update 2

To: ENERGY DIVISION
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Dated: 06/09/2010

Question Q.01 Update 2:

Provide a revised description of the proposed project including any changes to the figures, construction methodologies, emissions, substation drawings, pole locations and subtransmission and distribution line alignments presented in the PEA to reflect design changes.

Response to Question Q.01 Update 2:

The Presidential Field Management Plan (FMP) has been amended and restated to incorporate engineering changes which occurred in the project design and to correct typographical errors. There are two areas of the project with design changes that require the FMP to be restated in order to incorporate the appropriate magnetic field reduction measures into the project. The first is the span of overhead 66 kV subtransmission line over the 23 Freeway. SCE now proposes to install approximately 900 feet of underground 66 kV subtransmission cables beneath the 23 Freeway for engineering reasons. The second section of the project that changed was the portion of the 66 kV subtransmission line between the tap at Moorpark Road and Read Road to the intersection of Sunset Valley Road and Read Road (represented as Section 1 in the FMP). In this section the original pole configuration included the installation of a 16 kV distribution line on the same cross arms as the 66 kV circuit. Both of these circuits were planned to be phased to reduce the magnetic fields. The new design relocates the 16 kV circuit from the 66 kV cross arms on the pole and installs it on the pole below the 66 kV cross arms, allowing for a compact pole-head configuration to be used. This new design provides a better field reduction compared to the original design.

Graphical errors for Sections 2 and 3 (Figures 5 and 7) were also corrected in the document that did not affect the calculations or assessment of the FMP's magnetic field reduction measures. The magnetic field calculation graphs, Figures 5 and 7, were corrected to read properly on the Y-axis by adjusting the decimal place formatting to read 1.0 mG instead of 1 mG. Please note, however, the field calculations did not change by this decimal place correction. Attached are two versions of the FMP; the first is a redline edit including the strike through and redline of the changes, and the second is the clean version with incorporated changes.