

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

**DATA REQUEST SET Presidential ED-03 (Part 3)**

**To:** CPUC

**Prepared by:** Kendra Heincke

**Title:** Estimator

**Dated:** 05/19/2009

---

**Question 50:**

**Alternatives**

Alternative Subtransmission Route 2 (parallel to Olsen and Madera Roads) – Provide GIS data showing approximate locations where additional support mechanisms such as anchors and guy wires would be required.

**Response to Question 50:**

SCE is not able to provide GIS information at this time due to the fact SCE has not done advanced engineering on this alternative route. Please note, however, that SCE's preliminary engineering assumptions for this route foresee placing a subtransmission pole every 180 – 200 feet. Line segments along this route where the subtransmission poles will not be aligned due to the curvature of the road will require some form of guying. For example, poles located in a curve or on a corner will typically require guying. All guying will conform to the requirements of CPUC General Order 95, Rules for Overhead Electric Line Construction: <http://162.15.7.24/PUBLISHED/Graphics/93038.PDF>.