*Southern California Edison*
**WODUP A.13-10-020**

**DATA REQUEST SET A.13-10-020 WODUP ED-SCE-03**

**To:** ENERGY DIVISION
**Prepared by:** Phil Hung
**Title:** Senior Engineer
**Dated:** 04/04/2014

---

**Question PHS-09a:**

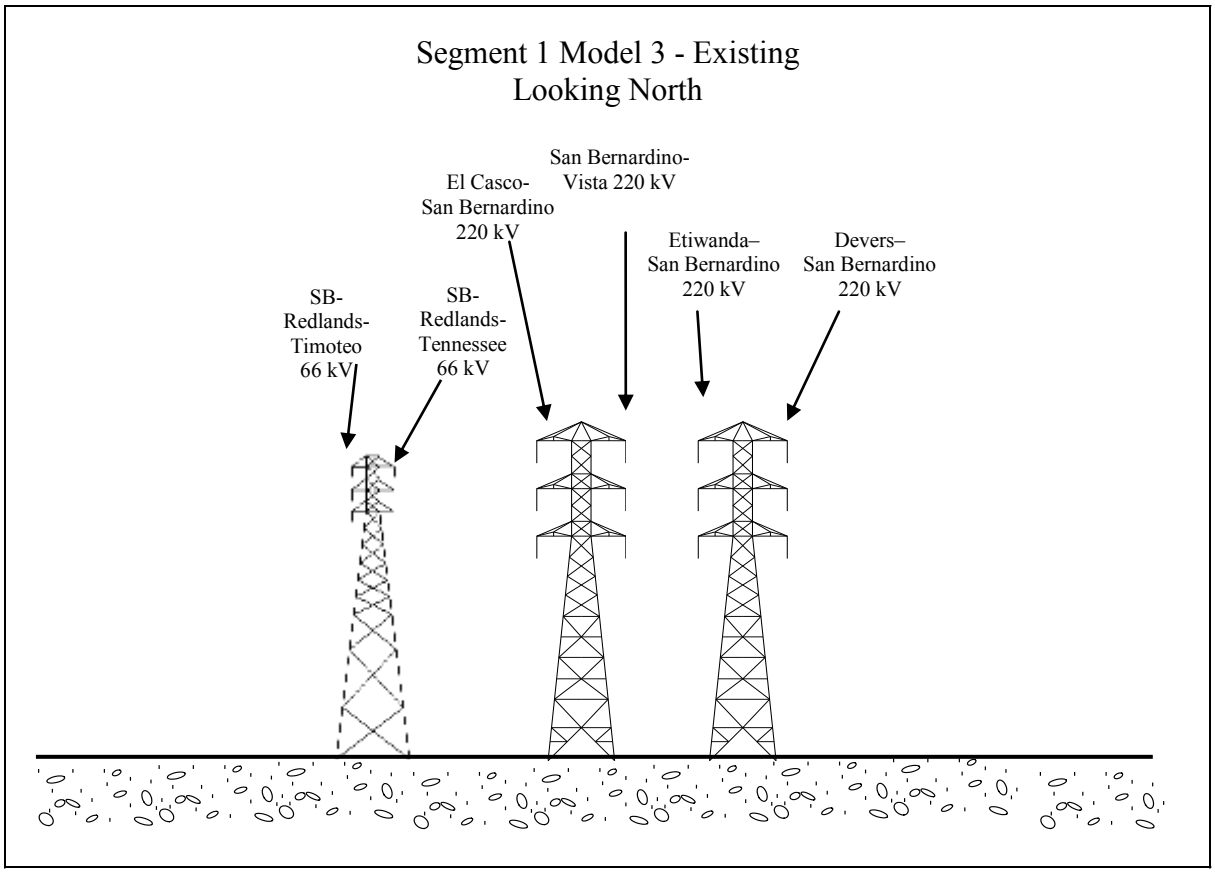
**GENERAL**
**SEGMENT 1 – San Bernardino Substation to San Bernardino Junction**
**PHS-9 Model 3 – Redlands Boulevard to Barton Road.** Note that in this Model it appears the FMP has shown that there are no 66 kV circuits on the ROW, either existing or proposed. Refer to Figures 7 & 8.

a. For this Model, Table 1 indicates, "Yes", for utilizing taller structures where adjacent to populated areas. This section is adjacent to residential areas. Has SCE proposed taller structures for this entire section?

**Response to Question PHS-09a:**

Figures 7 and 8 correctly depict the proposed configuration in the SCE ROW where there will be no 66 kV circuits for this section. However, the top figure on page 104, Segment 1 Model 3 Existing Configuration, is missing the existing 66 kV double-circuit on the west side of the ROW, and the 66 kV double-circuit on the east side should be removed. The attached figure should replace the top figure on page 104. The exact structure heights will be determined during final engineering. The EMF analysis was done based on the preliminary engineering design and the shortest proposed structure height of 110 feet. By increasing the structure height to 125 feet or by elevating the conductor minimum ground clearance by 8 feet from SCE's design standard for minimum ground clearance near those short structures would achieve a 15% EMF reduction at edges of the ROW.

Attachment to Response of West of Devers Upgrade Project Data Request #3 PHS-4




This figure is to replace the top figure on page 104 of the Field Management Plan.