Southern California Edison
WODUP A.13-10-020

DATA REQUEST SET A.13-10-020 WODUP ED-SCE-04

To: ENERGY DIVISION
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Title: Project Engineer
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Question V-2 b:

During the team site visit, SCE stated that the new lattice structures would be a bit more massive (in addition to taller) than the existing lattice structures in order to carry the heavier conductors. Furthermore, SCE said that the appropriate model for those structures would be the angle structures of the existing lattice line being replaced. However, that is not what is shown in some of the PEA simulations. Figures 4.1-28 and 4.1-29 (PEA pages 4.1-97 and 4.1-99) include angle structures for the existing lines. The visual simulations for these KOPs show structures that, while taller, are clearly less substantial than the existing angle structures, particularly at the base.

b. What would be the dimensions of the proposed angle structures? Please provide a photo example or an exact location where one can been found in the project vicinity.

Response to Question V-2 b:

The dimensions of the proposed angle structures are not significantly different than the dimensions of the proposed tangent structures (with the minor exception of the four towers being designed for the very long crossing span over the Whitewater Creek area). These dimensions are described in PEA Section 3.1.2.3 (pages 3-36 through 3-39) and more specifically in Table 3.1-D and Figure 3.1-4. There have been no changes to those dimensions in the time period between when the PEA was filed and the date of this response.

The visual simulations provided in PEA Section 4.1, particularly Figures 4.1-28 through 4.1-34, properly reflect the typical structure dimensions (with the minor exception of the crossarm error discussed in response to Question No. V-2.a.)