Southern California Edison
WODUP A.13-10-020

DATA REQUEST SET A.13-10-020 WODUP ED-SCE-05

To: ENERGY DIVISION
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Question ALT-2:

Alternatives
Background for ALT-1 through ALT-4. The analysis of potential alternatives to the Proposed Project may need to consider increasing the length of tower spans. This could be necessary for alternatives that aim to avoid or reduce environmental impacts at specific tower sites or reduce the overall number of new structures. One way to accomplish greater distances between tower spans, without increasing tower heights, could involve switching from the proposed double-bundle 1590 kcmil Aluminum Conductor Steel-Reinforced (ACSR) to an alternative conductor. Please note that these requests follow-up our Data Request PD-6 (addressing blow-out distance limitations that force the project to have reduced span lengths in Segment 1) we now request this information for all segments of the project.

ALT-2 Please identify the maximum transverse conductor loading that could be supported by the Proposed Project tangent structures without triggering a new tangent structure tower design.

Response to Question ALT-2:

The maximum transverse conductor loading that SCE's standard tangent structures can support is 4,400 lbs (working load) per phase/conductor attachment.