

Southern California Edison
WODUP A.13-10-020

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

To: ENERGY DIVISION
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Question ALT-17a:

Follow-up to ALT-15 (Data Request No. 7, regarding potential Tower Relocation): SCE's response to ALT-15(a) stated the current locations of proposed towers "have been determined based on not only the need to reserve the largest possible amount of ROW available for future expansion, but also to be placed in locations that would allow for the most efficient and safe working environment for the construction of these new towers in close proximity to the existing lines that operate through that corridor."

(A) The response to ALT-15 states, "SCE anticipates that only single-line outages will be allowable by CAISO for extended periods to facilitate construction of the Proposed Project." Please identify the CAISO protocol that guides this situation.

Response to Question ALT-17a:

Approval for any expected transmission line outages are governed by various CAISO operating procedures, which can be referenced at <http://www.caiso.com/rules/Pages/OperatingProcedures/Default.aspx>. In particular, the 3100 series related to Policy and the 3200 series related to Outage Coordination would be most applicable. Procedure 3100 – System Operating Limit Methodology for Operations Horizon (along with the related Procedure 3100A – Examples on Acceptable Thermal Performance) details the approach that CAISO must take to establish System Operating Limits (SOLs) to maintain grid reliability when approving facility outages requested by various Transmission Owners (such as SCE) or other participants in the CAISO grid.

The requisite studies are normally not performed until specific outage requests are submitted to CAISO for approval, and even then normally as close to the starting date of the outage as possible. Based on past operating experience throughout the SCE system, as well as specifically related to the WOD corridor, SCE believes that it is reasonable to assume that the extended (i.e., several months) line outages that would be required to facilitate safe and efficient construction of the Proposed Project would be limited to only one of the four lines in the corridor, in order to minimize potential overloading of the remaining in-service lines. Given that SCE cannot predict what outages CAISO will approve, prudent planning necessitates that SCE conservatively assume that only a single line outage would be available at any given time.