

Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A1504013 ED-SCE-07

To: ENERGY DIVISION
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Dated: 07/10/2017

Question NO-2:

Update the corona noise discussion in the 2016 Noise Technical Report to reflect corona noise measured from a 230-kV transmission line.

The corona noise impact discussion in 2016 Noise Technical Report is based on corona noise measurements collected at Eucalyptus Avenue in the city of Eastvale. SCE recently indicated via email correspondence that the transmission corridor that crosses Eucalyptus Avenue contains a 500-kV transmission line. Corona noise from a 500-kV line is expected to be much greater than a 230-kV transmission line and it is likely that corona noise levels provided in the 2016 Noise Technical Report were, in fact, measurements of the 500-kV line and not an isolated 230-kV line. The CPUC's noise specialist confirmed that the 500-kV transmission line does produce measurable corona noise. Corona noise was not identified as coming from the 230-kV transmission line at this location. The Noise Technical Report must be updated to reflect the anticipated level of corona noise impact from a doublecircuit 230-kV transmission line similar to the proposed project.



A1504013 ED-SCE-07 Transmittal.pdf

Response to Question NO-2:

Attached please find SCE's revised RTRP Noise Technical Report. The report has been revised with the corona noise measurements taken by the CPUC's noise contractor for a 220kV line in Chino Hills State Park. The previous corona noise measurements taken from Eucalyptus Ave in the city of Eastvale have been removed. As a result of the revisions, the modeled corona noise from the proposed double-circuit 220kV overhead transmission line, during inclement weather and ideal ambient noise conditions, would be less than significant.