

Comment Set D.9: Harold Landau

*Brian Smith*



CALIFORNIA PUBLIC UTILITIES COMMISSION

Public Meeting Comments

Proposed Antelope-Pardee 500-kV Transmission Project

Date: 8/29/06

Name\*: HAROLD LANDAU

Affiliation (if any)\*: "Proposed Project" - Miles 22.7-25.6

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*What if anything can be done to stop the noise, the sagging wires. If alternative 3 is adopted would it not increase that noise.*

D.9-1

*I live within 350' of an existing tower. "lattice tower" ~~is~~ and about 60' of a single mono tower. The lattice towers are rather ugly to look out, why can't we use a single mono tower there so much less obtrusive.*

D.9-2

*\*Please print. Your name, address, and comments become public information and may be released to interested parties if requested.*

Please either deposit this sheet at the sign-in table before you leave today, or fold, stamp, and mail. Insert additional sheets if needed. Comments must be postmarked by September 18, 2006. Comments may also be faxed to the project hotline at (661) 215-5152 or emailed to antelope-pardee@aspenerg.com.

## Response to Comment Set D.9: Harold Landau

- D.9-1 The audible hissing or crackling sound heard in the vicinity of high voltage transmission lines is referred to as corona noise and is the result of the partial electrical breakdown of the insulating properties of air immediately adjacent to the transmission line wires. While corona noise cannot be eliminated for 500-kV transmission lines, the design for transmission lines includes consideration of the conductor surface electrical gradient in selecting the conductor size. As noted in the Draft EIR/EIS, the typical corona noise at 150 feet from the proposed right-of-way (ROW) would equal a sustained noise level of approximately 34 to 44 dBA. During rain or heavy fog, the highest noise level at the edge of the proposed ROW would be around 56 dBA (SCE, 2005), which would equate to a noise level of approximately 50 dBA at the closest residence. However, the occurrence of this noise level would be periodic and would occur relatively infrequently and corona noise impacts at residential sensitive receptors were not considered to be significant.
- D.9-2 Please see the response to Comment D.10-1 regarding visual mitigation measures for residential neighborhoods in Santa Clarita vicinity, and recommendations for using tubular steel poles for reduction of visual impacts.