

Southern California Edison

WSD-011 – Resolution implementing the requirements of Public Utilities Code Sections 8389(d)(1), (2) and (4) related to catastrophic wildfire caused by electrical corporations subject to the Commission’s regulatory authority

DATA REQUEST SET W S D - S C E - 0 0 4

To: WSD

Prepared by: Hunly Chy

Job Title: Manager

Received Date: 3/12/2021

Response Date: 3/17/2021

Question 018:

What threshold(s) are being utilized for spacer installation based on LiDAR data to prevent conductor clashing?

Response to Question 018:

Line spacers, for the purpose of mitigating conductor clashing, are installed on horizontal spans (crossarm construction) when the sag of adjacent conductors is equal to or greater than the horizontal separation between said conductors. The horizontal separation of adjacent conductors is captured via LiDAR either at the insulators or along the span, whichever is smaller. The diagram below provides an illustrative example.

