

Southern California Edison
***WSD-001 – Resolution WSD-001 to Establish Procedures for the Wildfire Safety Division's
Review of 2020 Wildfire Mitigation Plans Pursuant to PUC Sections 8386 and 8386.3***

DATA REQUEST SET T U R N - S C E - 0 0 3

To: TURN
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Received Date: 3/5/2020

Response Date: 3/10/2020

Question 018:

Re. WMP p. 5-105:

- a. Does SCE intend to use LiDAR on distribution lines in 2020?
- b. In what year(s) does SCE anticipate it will be able to use LiDAR to replace foot patrols?
- c. When and how does SCE intend to use LiDAR to impact VM risk prioritization and resource allocation.

Response to Question 018:

- a. For the primary purposes of determining geospatial locations and long spans, SCE completed some LiDAR data capture around distribution facilities in 2019 and plans to capture LiDAR data from remaining distribution facilities in 2020. While SCE's vegetation management group would be alerted if a vegetation-related imminent threat was identified in a LiDAR scan, SCE is evaluating whether this data can be incorporated into its routine vegetation management inspection process. SCE's WMP will be updated for clarity on this point.
- b. SCE does not have a specific year. SCE is still in the early stages of implementing LiDAR technology and continues to refine its usage. At this stage, replacing vegetation management foot patrols is considered a long-term strategy beyond 2023.
- c. Where available, SCE incorporated LiDAR data obtained in 2019 in its 2020 vegetation work along Transmission circuits, including risk prioritization and resource allocation. See response to part a of this question with regard to distribution facilities.