

Southern California Edison
2023-WMPs – 2023-WMPs

DATA REQUEST SET Cal Advocates - SCE - 2023 WMP - 07

To: Cal Advocates
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Received Date: 4/4/2023

Response Date: 4/7/2023

Question 01:

Table 8-17 of your 2023 WMP lists five inspection programs with two methods of inspection (Ground or LiDAR). For each of these five programs, please state the percentage of all inspections that are conducted by ground inspections and LiDAR inspections:

- a) Distribution Vegetation Management Plan
- b) Transmission Vegetation Management Plan
- c) Hazard Tree Management Plan
- d) Dead and Dying Tree Removal, and
- e) LiDAR

Response to Question 01:

a. Distribution Vegetation Management Plan (DVMP) inspections are currently performed using 100% ground inspectors, although LiDAR data is collected as part of pilot projects to determine the benefits of LiDAR for distribution inspections. SCE estimates that its LiDAR pilot projects address less than 5% of the volume of distribution inspections and are connected to supplemental patrol efforts in Areas-of-Concern (AOC).

b. Typically, 100% of Transmission Vegetation Management Plan (TVMP) inspections utilize ground inspectors, although LiDAR data is used on certain transmission circuits by SCE ground inspectors to identify trees that encroach upon the clearance requirements. In 2023, SCE is piloting LiDAR as the tool to identify potential encroachment as an alternative to ground inspections for roughly 3,600 TVMP miles. For the pilot, ground inspectors visit only those locations along the circuit with identified encroachments, as opposed to the entire circuit. Therefore, if the LiDAR data does not identify any tree encroachments, ground inspections would not be performed on that circuit. Overall, approximately 25% of SCE transmission circuits have LiDAR data acquired annually.

c. 100% of Hazard Tree Management Plan (HTMP) inspections are performed using ground inspectors. However, when LiDAR data is available on a circuit subject to HTMP assessments, the LiDAR data may be provided to the ground inspectors to help identify trees with strike potential.

d. 100% of Dead and Dying Tree Removal inspections are performed using ground inspectors. LiDAR is not used.

- e. Although listed as a program, LiDAR is considered an inspection methodology or tool.