

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 Cal Advocates - SCE - 2021 WMP - 09

To: Cal Advocates

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Received Date: 3/4/2021

Response Date: 3/9/2021

Question 004:

Table 1 of SCE’s non-spatial WMP data tables includes data on “Number of spans inspected where at least some vegetation was found in non-compliant condition in HFTD” (line 2.b.i) and “Number of spans inspected for vegetation compliance in HFTD” (line 2.b.ii).

- a) State the average span length that SCE used to calculate the metrics in WMP Table 1.
- b) State the total number of circuit-miles you inspected for vegetation in 2019.
- c) Disaggregate the total in part (b) by VM initiative or type of inspection (for example, routine inspections, canyon patrols, at-risk circuit patrols, and Operation Santa Ana patrols).
- d) State the total number of circuit-miles you inspected for vegetation in 2020.
- e) Disaggregate the total in part (d) by VM initiative or type of inspection (for example, routine inspections, canyon patrols, at-risk circuit patrols, and Operation Santa Ana patrols).

Response to Question 004:

- a) Average Span Length in HFTD = The average span length for both Distribution and Transmission poles/towers in HFTD is 0.118725 Circuit miles.

Calculation for 2.b.i

$$\frac{\text{Circuit Miles Inspected} \times (1 - \text{conformance rate})}{\text{Average Span length HFTD}}$$

Where

Circuit miles Inspected = # of circuit miles inspected as part of vegetation management program

Conformance rate = % rate of the circuit miles inspected where non-compliant condition was found

Average Span Length HFTD = The average span length for both Distribution and Transmission poles/towers in HFTD expressed in circuit miles

Calculation for 2.b.ii

$$\frac{\text{Circuit Miles Inspected}}{\text{Average Span length HFTD}}$$

Where

Circuit miles Inspected = # of circuit miles inspected as part of vegetation management program

Average Span Length HFTD = The average span length for both Distribution and Transmission poles/towers expressed in circuit miles

b) Vegetation Management crews inspect all circuits in SCE's service area annually for SCE's line clearing program. In 2019, approximately 52,000 circuit miles were inspected by SCE VM crews. Of the approximate 52,000 circuit miles, approximately 14,000 circuit miles were in HFRA.

c) When documenting SCE's response to WMP Table 1 line items 78 through 81, SCE only considered non-compliant conditions to published standards such as GO 95 Rule 35 and FAC-003-4 which apply to SCE's line clearing program and not its identified VM initiatives. Additionally, canyon patrols, at-risk circuit patrols, and Operation Santa Ana patrols were not provided in the original Table 1 calculation due to the difficulty in aggregating mileage totals and associated non-compliant findings specific to each of the activities. Based on the above, disaggregation for response to (c) is not applicable.

d) Circuit miles between 2019 and 2020 did not change. SCE VM crews inspected the same circuit miles.

e) See response to (c)