

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 - 01

To: Cal Advocates
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Received Date: 1/15/2021

Response Date: 2/12/2021

Question 006:

For each WMP initiative listed below, please state how the Wildfire Risk Levels provided in the Excel spreadsheet for Questions 4 and 5 influenced where you performed work in 2020 and how work was sequenced.

- a) EVM
- b) Covered conductor installation
- c) Pole replacement
- d) Undergrounding
- e) Grid sectionalization
- f) Detailed inspections of distribution assets
- g) Detailed inspections of transmission assets
- h) Aerial inspections of transmission assets
- i) Aerial inspections of distribution assets
- j) LiDAR inspections of distribution assets
- k) LiDAR inspections of transmission assets

Response to Question 006:

SCE uses a risk model that calculates risk scores at the asset level and can be aggregated to higher levels such as segment and circuit. Where possible, these activities used the output of the model to prioritize the work.

a) EVM - The data provided below is for our routine compliance program, where we manage our tree inventory to the regulatory clearance. The work is performed in accordance with an annual work plan/schedule that ensures all work prescribed can be performed when factoring in things such as weather and access conditions. We do not prioritize work based on HFRA or non-HFRA status or individual risk values for our routine compliance program.

b) Covered conductor installation – Covered conductor installation program used the Wildfire Risk Model (WRM) as described in the 2020 WMP to prioritize which circuit-segments were replaced with the covered conductor. However, some circuit segments that were in-flight prior to the development of the model were completed. These segments were originally prioritized by conductor size and proportion of conductor in tier 2 vs. tier 3 areas.

c) Pole replacement – Poles replaced in conjunction with the installation of covered conductor followed the method described above for CC. Poles replaced through inspection programs are

prioritized and sequenced to meet compliance requirements set forth in our inspection and maintenance programs.

d) Undergrounding – No wildfire driven undergrounding construction was completed in 2020.

e) Grid Sectionalization - As this work was targeted for completion in 2020, the work prioritization efforts were aligned with normal work execution efforts such as resource availability, permitting and rights approvals, and circuit outage coordination. Risk scores were not used to sequence or prioritize.

f) Detailed inspections of distribution assets - The inspection prioritization was carried out using the WRM and grouping risk scores into a 3 by 3 grid, creating categories of risk for execution. Please refer to the 2020 WMP for details.

g) Detailed inspections of transmission assets - The inspection prioritization was carried out using the fire consequence component of the WRM aggregated to the circuit level. The probability of ignition component of the WRM was not developed when transmission inspection work was scoped.

h) Aerial inspections of transmission assets – Same as the method used for transmission detailed inspections.

i) Aerial inspections of distribution assets – Same as the method used for distribution detailed inspections.

j) LiDAR inspections of distribution assets – Risk prioritization was not performed for LiDAR inspections.

k) LiDAR inspections of transmission assets - Risk prioritization was not performed for LiDAR inspections.