Southern California Edison
2023-WMPs – 2023-WMPs

DATA REQUEST SET C a l A d v o c a t e s - S C E - 2 0 2 3 W M P - 1 3

To: Cal Advocates
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Response Date: 5/5/2023

Question 05:
Please describe SCE's protocol and methodology for assessing steel lattice structures during inspections, including corrosion inspection and SCE's protocol for determining if repairs or replacements are necessary.

Response to Question 05:

SCE's Transmission Inspection and Maintenance Program (TIMP) performs circuit patrols annually and visual detailed inspections every three years by qualified inspectors for overhead transmission and sub-transmission assets, which includes steel lattice structures. SCE may perform supplemental inspections (i.e., risk-based inspections) for structures within SCE's High Fire Risk Area.

During detailed inspections, qualified inspectors are responsible for identifying potential hazards impacting safety and/or reliability that may lead to system or component failure. These inspection findings will lead to repairs or replacements to be remediated within expected timeframes in alignment with SCE priority system (i.e., Priority 1, 2, or 3).

In addition to detailed inspections, SCE implemented a Transmission Corrosion Program, which performs assessments to identify the total scope of remediation work for structures experiencing corrosion. The assessments performed for this program include both above and below ground analysis and includes footings, guy wires, and anchors. The selected structures for assessment are prioritized based on footing type of the structure and potential exposure to corrosion.