

Southern California Edison
2022-WMPs – 2022 Wildfire Mitigation Plan Updates

DATA REQUEST SET M G R A - S C E - 0 0 2

To: MGRA
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Job Title: Engineer
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Response Date: 3/10/2022

Question 17:

SCE states that “Between October 2020 to end of 2021, SCE evaluated 10 instances where the EFD technology detected undesirable, degraded, or pre-failure system conditions where repairs have subsequently been completed.” (p. 244)

Please provide a list of any other reported pre-failure system conditions on the circuits with EFD installed that were detected by visual inspection and not detected by EFD.

Response to Question 17:

SCE collected the inspection findings on the relevant circuits for the mentioned timeframe. The results were then filtered to remove inspection findings that were:

1. Repaired prior to EFD in-service dates or,
2. Not on the portion of circuitry monitored by EFD or,
3. Unrelated to EFD detection capabilities such as missing high voltage signs.

Based on descriptions from visual inspections, the following 8 pre-failure conditions were found during visual inspections and not detected or investigated as part of the EFD project. However, though investigation thresholds were not exceeded for these locations, the EFD sensors may have in fact detected these conditions. SCE will further review these 8 events for broader understanding and possible improvements in detection investigation processes.

Circuit Name	SCE District	Structure	Notification Voltage Class	Notification Type	Notification Component	Finding Source
APPALOUSA	WILDOMAR	OH-2207380E	Distribution Primary	Damaged/ Broken	Insulator	Overhead Detail Inspection
BENCH	REDLANDS	OH-2162152E	Distribution Primary	Damaged/ Broken	Cable/ Conductor	Overhead Detail Inspection
BLACKFOOT	MENIFEE	OH-1796623E	Distribution Primary	Damaged/ Broken	Cable/ Conductor	Overhead Detail Inspection

MENIFEE	MENIFEE	OH-215613S	Distribution Secondary	Vegetation/ Tree	Cable/ Conductor	Overhead Detail Inspection
OAKDALE	MENIFEE	OH-216488S	Distribution Primary	Damaged/ Broken	Insulator	Overhead Detail Inspection
RIVA	VENTURA	OH-1203743E	Distribution Primary	Damaged/ Broken	Cable/ Conductor	Overhead Detail Inspection
TRAUTWEIN	MENIFEE	OH-1594786E	Distribution Primary	Damaged/ Broken	Cable/ Conductor	Overhead Detail Inspection
TRAUTWEIN	MENIFEE	OH-2309846E	Distribution Secondary	Loose	Cable/ Conductor	Overhead Detail Inspection