

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

DATA REQUEST SET M G R A - S C E - 0 0 4

To: MGRA
Prepared by: Arianne Luy
Job Title: Engineer
Received Date: 5/31/2022

Response Date: 6/8/2022

Question 04:

In SCE's Reply Comments, SCE states that:

"The utilities agree that covered conductor is effective at mitigating several drivers and early results have been positive, but MGRA's analysis is flawed and its recommendation should be rejected. The Joint IOU Covered Conductor Effectiveness Report provides substantial support for a current overall effectiveness of covered conductor between 60-70%. This is supported by benchmarking, the Phase 1 testing results, utility SMEs, and recorded results."

In the Joint IOU Covered Conductor Effectiveness Report, SCE states that:

"SCE is measuring the overall effectiveness of covered conductor by comparing events (primary wire downs, primary conductor caused ignitions and faults) on fully covered circuits to bare circuits in its HFRA on a per-mile basis in current years. As of November 2021, SCE's wire down and fire data does not show any events occurring on fully covered circuits."

How many ignitions did SCE record on bare circuits in its HFRA in 2019, 2020, 2021, and 2022 to present?

Response to Question 04:

The following table details the number of reportable ignitions recorded by SCE on bare HFRA circuits. These ignitions are associated with SCE's distribution lines and occurred in SCE's HFRA area. Ignitions associated with SCE's underground facilities are excluded.

Year	Number of Reportable Ignitions (HFRA only)	Fully Bare HFRA Circuit Miles (HFRA and non-HFRA) ¹
2019	36	14546
2020	31	8973
2021	10	6092
2022 ²	2	4135

HFRA circuits are circuits that are completely in HFRA or have any portion of circuit miles in HFRA. A circuit is considered bare if covered conductor is not installed on any portion of the circuit.

¹ Circuit miles as of January 1st of each year

² Ignitions as of June 1, 2022. Note there are 2 potential reportable ignitions (in HFRA only) associated with fully bare HFRA circuits still pending review. These ignitions were not included in the table.