

*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**  
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**Received Date: 5/31/2022**

**Response Date: 6/8/2022**

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**Question 07:**

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."

What is the calculated wire down rate for bare circuits in SCE's HFRA for 2019, 2020, 2021, and 2022 to present?

**Response to Question 07:**

The following table provides the rate of primary wire downs associated with SCE's distribution system in SCE's bare HFRA circuits. Note that the number of wire downs and circuit miles used to calculate the wire down rate includes primary wire downs and associated portions of HFRA circuits located in non-HFRA areas. The wire down rate is calculated using the following formula: Number of wire downs associated with bare HFRA circuits ÷ Total circuit miles of bare HFRA circuits.

Year	Number of Wire Downs (HFRA and non-HFRA)	Fully Bare HFRA Circuit Miles (HFRA and non-HFRA) <sup>1</sup>	Wire downs per circuit mile
2019	340	14546	0.023
2020	199	8973	0.022
2021	146	6092	0.024
2022 <sup>2</sup>	35	4135	0.008

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<sup>1</sup> Circuit miles as of January 1<sup>st</sup> of each year

<sup>2</sup> Uses number of wire downs as of June 1, 2022

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.