

Southern California Edison
**WSD-001 – Resolution WSD-001 to Establish Procedures for the Wildfire Safety Division's
Review of 2020 Wildfire Mitigation Plans Pursuant to PUC Sections 8386 and 8386.3**

DATA REQUEST SET Cal Advocates - SCE - 2020 WMP - 04

To: Cal Advocates
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Received Date: 9/18/2020

Response Date: 9/23/2020

Question 003.b:

In SCE's RSE model, on the worksheet "Table 11&18 map," "Unknown/Unspecified" drivers account for an average of 1928 incidents and 4.8 ignitions per year on distribution (40% of total incidents, 13.5% of total ignitions), and 133 incidents and 0 ignitions per year on transmission (75% of total incidents, 0% of total ignitions). In SCE's Remedial Compliance Plan submitted July 27, 2020, SCE provided updated versions of Tables 11-a and 11-b. Per these tables, "No Cause Found" and "Other" accounted for an average of 2077 incidents and 10.2 ignitions per year on distribution (15.9% of total incidents, 10% of total ignitions), and 80.2 incidents and 1 ignition per year on transmission (21.8% of total incidents; 13.9% of total ignitions).

b) Does SCE have a plan to improve knowledge of incidents, in order to reduce the number of incidents due to Unknown/Unspecified drivers? Please provide details.

Response to Question 003.b:

As noted in SCE's RCP for SCE-2, SCE has taken steps to capture the causes of faults and fires to determine the causes accurately. Below are some of the key steps SCE has and is taking to determine the causes of faults and fires accurately.

- In 2018, launched training programs to improve outage cause categorizations.
- In 2018, new Situational Awareness tools (e.g., lightning tool to track strikes in the area) were also deployed to help inform personnel making the classifications.
- In 2018, dispatchers were instructed to coordinate with field staff to collect additional information and conduct more research to validate the outage cause if initially described as unknown or other.
- In 2019, SCE launched a new program to conduct deeper investigations into ignitions caused by SCE's infrastructure to understand the causes of ignitions, whereas, in earlier years, SCE relied on a desktop review of information from the field. Specifically, analysis of the incident may include additional site visits, analysis of fault data, and analysis of failed equipment in the lab.
- In 2019, launched a similar process to investigate a sample set of wire downs events, and plans to expand the process in 2020.
- SCE is currently developing new training that will consist of two sessions covering how to create and validate an outage log entry and substation log refresher training.
- Lastly, SCE is developing a post-failure data collection form, to standardize data captured after a failure to enhance the knowledge of failures that occur on SCE's system, that is expected to be rolled out in 2021.