

*Southern California Edison*

*WSD-011 – Resolution implementing the requirements of Public Utilities Code Sections 8389(d)(1), (2) and (4) related to catastrophic wildfire caused by electrical corporations subject to the Commission’s regulatory authority*

**DATA REQUEST SET W S D - S C E - 0 0 4**

**To: WSD**

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**Job Title: Predictive Analytics/Data Science, Advisor**

**Received Date: 3/12/2021**

**Response Date: 3/17/2021**

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**Question 003:**

Regarding SCE’s decision to utilize outage data versus ignition data in its 2021 Wildfire Risk Model:

- 3(a). Why did SCE choose to utilize outage data versus ignition data?
- 3(b). Describe any issues SCE encountered with utilizing outage data.

**Response to Question 003:**

- a) SCE would like to clarify that both outages and ignitions are used. Outages are modeled in order to provide probabilities that a failure event would happen; however, not all events lead to an ignition. Because of this, any fault that *could* lead to an ignition is modeled, and each probability is further calibrated to the number of expected fires based on the ignition data.
- b) As described in SCE’s response to question 2(f) of this data request set, SCE encountered some challenges with outage data relating to identifying the exact location of certain outage events.