

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 Cal Advocates - SCE - 2021 WMP - 08

To: Cal Advocates

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Received Date: 2/26/2021

Response Date: 3/3/2021

Question 008:

In the WMP workshops on February 22-23, SCE stated that it is developing a PSPS risk model to quantify the risks of PSPS events.

- a) What data sources is SCE using to develop this risk model?
- b) What safety risks to the public will this model include?
- c) Will this model include economic costs to customers from PSPS events? If so, please describe which costs will be addressed.

Response to Question 008:

- a) SCE’s PSPS risk model data sources include the following: 10-year historical wind/gust and FPI data; Wind/gust thresholds for HFRA circuits based on the current PSPS operation protocol; Customer count at circuit level; AFN (Access and Function Needs) and NRCI (Non-Residential Critical Infrastructure) multiplier at circuit level.
- b) Given the limited information directly linking safety consequences to a PSPS event, SCE used the 2003 Northeast Blackout event as a data point to determine safety impacts from an outage. Other data points include the 2011 Southwest blackout and the 2019 PSPS outages in SCE’s service area.
- c) Yes. The current financial impact to customers is modeled as \$250/Customer/Event.