

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 - 02

To: Cal Advocates
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Job Title: Manager
Received Date: 3/11/2020

Response Date: 3/16/2020

Question 004:

In Table 10 of SCE's 2020 WMP, SCE measured its 2019 "Days rated at the top 30% of proprietary fire potential index (FPI) or similar fire risk index measure" as 1,640 circuit mile days. The equivalent scale of top 30% for SCE's FPI is "Extreme."

- Please explain how SCE has calculated the circuit mile days rated at the top 30% of SCE's FPI for 2019.
- How many calendar days did at least one circuit-mile of SCE's service territory hit or exceeded this "Extreme" threshold in 2019?
- On what specific dates did these "Extreme" days occur on in 2019? Please identify dates on which SCE recorded "Extreme" FPI conditions for at least 50 circuit-miles.

Response to Question 004:

- To clarify, SCE does not classify days rated at the top 30% of its FPI as "Extreme." The 30% unit of measurement was provided by the WSD Guidelines. SCE considers a FPI greater than or equal to 15 as "Extreme." Two weather model configurations (Irvine and Alhambra) are used to forecast FPIs for each circuit in HFRA several times a day. For the calculation of circuit-mile days, SCE used the earliest forecast with valid data for each specific day. In days where at least one forecast period had an FPI greater than or equal to 15, SCE compared the two models to identify which one had the greater number of hours with FPI on that range and used that model for that day. The total number of hours for each circuit was calculated by summing the hours of each day. That was then multiplied by the mileage of each circuit in HFRA. The result (circuit-mile hours) was then divided by 24 hours to get the Circuit-mile days.
- There were 54 calendar days when at least one circuit mile hit or exceeded the "Extreme" threshold (in at least one of the two weather model configurations).
- In the following dates, there was at least one forecast with FPI greater than or equal to 15 (dates where at least 50 circuit miles were recorded as "Extreme" are indicated in the table):

Date	>=50mi	Date	>=50mi	Date	>=50mi	Date	>=50mi	Date	>=50mi	Date	>=50mi
8.8		8.21		9.16	YES	9.28	YES	10.11	YES	10.26	YES
8.9		8.22		9.17		9.29	YES	10.13		10.27	YES

8.10		8.30		9.18	YES	9.30		10.16		10.28	YES
8.14		9.1		9.19		10.3		10.17	YES	10.29	YES
8.15		9.7		9.22		10.4	YES	10.18		10.30	YES
8.16		9.8		9.23	YES	10.6	YES	10.19		10.31	YES
8.17		9.9		9.24		10.8	YES	10.20		11.2	YES
8.18		9.10		9.26		10.9	YES	10.24	YES	11.17	
8.20		9.15	YES	9.27	YES	10.10	YES	10.25	YES	11.19	