

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 W S D - S C E - 0 0 2

To: WSD
Prepared by: Tom Rolinski
Job Title: Fire Scientist
Received Date: 3/5/2020

Response Date: 3/10/2020

Question 010 (SCE-43895-D-298):

A. Item Index [For CPUC tracking purposes. Please reference this item index with the response provided.]

SCE-43895-D-298

B. Request Type

Request for additional specificity or clarification regarding information submitted in WMP or maturity survey

C. Relevant section of WMP (if applicable)

5.3.2 Situation Awareness and Forecasting

D. Relevant question in Maturity Survey (if applicable)

NA

E. Relevant meeting or call (if applicable)

NA

F. Specific Data request

On page 5-52 of its WMP, SCE states that “the FPI is currently the best method for assessing fire potential across SCE’s extensive service territory due to its customization options for addressing specific fire thresholds across different weather climates.” List and describe the specific fire thresholds that are addressed by FPI.

Response to Question 010 (SCE-43895-D-298):

“Fire Thresholds” are factors that contribute to wildfire activity across a specific landscape. For instance, there are different types of vegetation that affect fire potential such as the vast conifer forests in the Sierras, versus the annual grasses that are prevalent in the coastal and foothill regions, versus the widespread sagebrush across the deserts. While the FPI is currently calculated the same everywhere, we have the ability to customize its inputs to account for these different vegetation types and amounts so that the outputs more accurately reflect the true potential for wildfire activity.

While SCE does not currently account for fuel types in its FPI as described above (planned to be incorporated in future versions), it does currently consider the following within its FPI calculation:

- The state of green-up or curing of the annual grass
- Dead Fuel Moisture
- Live Fuel Moisture
- Fuel Loading
- Weather component (not part of fuels)