

*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 M G R A - S C E - 0 0 5**

**To: MGRA**  
**Prepared by: Tom Rolinski**  
**Job Title: Fire Scientist**  
**Received Date: 3/18/2020**

**Response Date: 3/20/2020**

---

**Question 002:**

Provide a quantitative description how estimated peak wind gust speed (determined through either modelling or measurement) affects the Fire Potential Index.

**Response to Question 002:**

SCE calculates the Fire Potential Index based on forecasted conditions with an output that ranges from 1 to 17. Sustained wind speeds (not peak gusts), combined with the dew point depression (how dry the air is near the ground) are assigned a score between 1 and 6. The other portion of the index's total score is comprised of various forms of vegetation moisture. Depending on how windy/dry the weather is will determine the wind's effect on the total score of the index.