

*Southern California Edison*  
*WSD-011 – WSD-011*

**DATA REQUEST SET Cal Advocates - SCE - 2021 WMP - 04**

**To: Cal Advocates**  
**Prepared by: Bryan Landry**  
**Job Title: Senior Advisor – Strategic Planning**  
**Received Date: 2/16/2021**

**Response Date: 2/19/2021**

---

**Question 001:**

On page 47 of your WMP, you state that “SCE uses 41 weather scenarios across a 20-year historical climatology in its WRRM consequence model.” Provide a list of the attributes (e.g., wind speed, atmospheric humidity) that are used to differentiate those scenarios from each other.

**Response to Question 001:**

The variables used for each weather scenario for each 2-kilometer x 2-kilometer grid are:

- Wind speed and direction (hourly)
- Temperature (hourly)
- Relative Humidity (RH) (hourly)
- Dead fuel moisture (1 hour, 10-hour, 100-hour)
- Herbaceous live fuel moisture (changes daily)
- Woody live fuel moisture (changes daily)