

Southern California Edison
WSD-011 – WSD-011

DATA REQUEST SET CalAdvocates - 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)