

*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: 2/22/2021**

---

**Question 003:**

In analyzing the fire consequence outputs of the 41 weather scenarios used in your WRRM, does SCE prioritize mitigation work by:

- (a) comparing the maximum asset-level fire consequence out of the 41 scenarios for each individual asset,
- (b) comparing asset-level fire consequences in the scenario that produced the greatest consequence for SCE's service territory as a whole, or
- (c) using some other criteria?

If the answer is (c), please explain how SCE uses the fire consequence outputs from the 41 weather scenarios in SCE's prioritization decisions.

**Response to Question 003:**

Wildfire consequences are calculated based on the spread of a fire over an eight (8) hour period for each ignition point. Fire spread predictions are run for each of the 41 weather scenarios extracted from the SCE 20-year climatology. This results in 41 different risk values for each variable (acres, structures, population) for each ignition point.

SCE utilizes the maximum fire consequences predicted out of the 41 scenarios for each individual ignition point over an eight (8) hour burn period as a component of the prioritization process, which is similar to the methodology described in (a).