Southern California Edison

WSD-011 – Resolution implementing the requirements of Public Utilities Code Sections 8389(d)(1), (2) and (4) related to catastrophic wildfire caused by electrical corporations subject to the Commission's regulatory authority

DATA REQUEST SET M G R A - S C E - 0 0 6

To: MGRA
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Received Date: 3/3/2021

Response Date: 3/8/2021

Question 004:
When making predictions for an ignition to be used as input for consequence modeling, what assumptions are input to the POI model regarding weather conditions? Is the probability of ignition averaged over all historic weather conditions? Or is POI based on a specific weather scenario also used for Technosylva fire spread modeling?

Response to Question 004:
Hourly weather features are aggregated to their mean, max, and standard deviation over 10 years to capture the cumulative, average, and extreme impacts from weather conditions on equipment failures that are likely to cause ignitions. Therefore, the POI model was not based on the specific weather scenario used for Technosylva fire spread modeling but was built using all outages capable of generating a spark regardless of the weather condition at the time of the outage.