

Southern California Edison
2022-WMPs – 2022 Wildfire Mitigation Plan Updates

DATA REQUEST SET M G R A - S C E - 0 0 3

To: MGRA
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Job Title: Sr. Manager
Received Date: 3/28/2022

Response Date: 3/29/2022

Question 03:

Please provide a description of how the plots provided in the data response were created, including:

- What weather station was paired with each outage.?
- How was the baseline number of wind values for each wind measurement obtained in order to normalize against the number of outages?

Response to Question 03:

The weather data used in this analysis was not from weather stations due to the fact that SCE does not have enough weather stations historically to provide the granular data to support this analysis. Instead, SCE used Atmospheric Data Solutions (ADS) historical weather data that was created based on the Weather Research and Forecasting (WRF) model. The ADS historical weather data is generated hourly at a 2km*2km grid level. The ADS weather data was used to pair with each outage at the grid level.

For each wind-driven outage as identified in SCE's Outage Database and Reliability Metrics (ODRM) database, based on the location and time of the event, the corresponding wind data was processed using the ADS data based on the grid where the location was in and the time in which the event happened.