

Southern California Edison
2023-WMPs – 2023-WMPs

DATA REQUEST SET M G R A - S C E - 0 0 2

To: MGRA

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Response Date: 4/27/2023

Question 03:

For each of the drivers in WMP Appendix F / QDR Table 7.2, please provide an excel spreadsheet that indicates aggregated pre-mitigation risk scores, including columns for

- a) Frequency / probability of driver risk event
- b) Percentile fraction of total risk events from driver
- c) Aggregated risk score for driver type
- d) Percentile fraction of total risk score from driver

Response to Question 03:

The attached excel file, *MGRA-SCE-002-03.xlsx*, has the requested ignition and risk scores for the drivers in Appendix F. This ignition and risk data is for HFTD areas using SCE's Fire Investigation Preliminary Analysis (FIPA) data for 2019 through 2022 to calculate FOI (Frequency of Ignition) per structure for each driver, as described in the 2023 WMP Chapter 6, and then summed up. MARS risk is calculated in similar fashion, using FOI×consequence per structure and then summing up. Some drivers have zero ignitions, as there were no ignitions recorded for those drivers. Ignitions for connectors, splice and tie wire damage have been incorporated into the Equipment failure for conductor and show in the drivers associated with that.