

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 T U R N - S C E - 0 0 5

To: TURN

Prepared by: Alejandro Komai

Job Title: Predictive Analytics Data Science Advisor

Received Date: 3/10/2021

Response Date: 3/15/2021

Question 001:

Re WMP p. 212:

- a. Please provide in Excel the list of circuit segments ranked according to risk using the 2019 WRRM model, including at a minimum circuit name, identification, mileage, and relevant risk score.
- b. Please provide in Excel the list of circuit segments ranked using the new WRRM model (with Technosylva consequence scores), including at a minimum circuit name, identification, mileage, and risk score.

Response to Question 001:

In 2019, SCE used the Wildfire Risk Model (WRM). In late 2020, SCE started its Wildfire Risk Reduction Model (WRRM) risk framework. SCE provides its WRM 2019 model with REAX Engineering consequence scores for circuit segments. SCE also provides the WRRM 2020 model with Technosylva consequence scores (acres multiplied by buildings) for circuit segments.

Please see the attached Excel file entitled “wrm2019_wrrm2020_CONFIDENTIAL.xlsx” for the information requested in parts (a) and (b) of this question. The sheets have differing number of segments because the dataset is constantly being refined and refreshed to reflect current grid and circuit connectivity and conditions. The WRM2019 tab is the latest version, which has the best representation of our grid.

CONFIDENTIAL

**The Attachment(s) Are Marked Confidential In Accordance With D. 16-08-024 and D. 17-09-023.
Basis for Confidentiality In Accompanying Confidentiality Declaration.**

Public Disclosure Restricted.