

*Southern California Edison*  
*2023-WMPs – 2023-WMPs*

**DATA REQUEST SET O E I S - P - W M P - 2 0 2 3 - S C E - 0 0 2**

**To: Energy Safety**  
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**Job Title: Senior Advisor**  
**Received Date: 5/8/2023**

**Response Date: 5/11/2023**

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**Question 08:**

"Regarding Comprehensive System Diagram for All Risk Models Used

a. Provide comprehensive system diagrams in MS Visio or PPT for all 17 risk models outlined in Table 6-1.

i. A comprehensive diagram for operational models and

ii. A comprehensive diagram for planning models

b. Section 6.1.2, Summary of Risk Models, asks for a summary of risk models in table form with specific fields. Section 6.2.1, Risk and Risk Component Identification, asks for a chart that demonstrates the components of overall utility risk. This request is comprehensive of all models that work together in the Decision-Making Framework (DMF). The requested diagram should show:

i. Interaction between the models presented graphically (e.g., inputs and outputs coming to and going from models to other models),

ii. Organization with the use of swimlanes where applicable,

iii. Starting and ending points,

iv. Decisions and process flows,

v. Use of a legend and colors to classify inputs/output types and model-to-model interactions, and

vi. The full cycle of models working together and creating feedback for model adjustments and fine-tuning.

Most importantly, these diagrams should show how the risk models impact the risk-based decision-making process."

**Response to Question 08:**

SCE does not have 17 risk models. Of the 17 risk components provided in Table 6-1, SCE utilizes risk models for Ignition Likelihood (i.e., Probability of Ignition or IRC1) and Technosylva Wildfire Consequence (IRC3).

Please see Section 6.2.2 and Appendix B for SCE's available information on each risk component, except for the five components that SCE does not calculate directly or are addressed through other risk components (i.e., Wildfire Likelihood, Burn Probability, Wildfire Hazard Intensity, Wildfire Exposure Potential, and PSPS Exposure Potential).

Please see SCE's response to OEIS -P-WMP\_2023-SCE-001, attached, that provides a comprehensive diagram of all models that work together in the Decision-Making Framework (DMF). In response to that question, SCE provides two diagrams, MARS Framework and IWMS Risk Framework.

SCE uses the MARS and IWMS frameworks as planning models. SCE does not have operational risk models. SCE describes its PSPS decision making process in Section 9.2 of its WMP (page 623). SCE also provides information to the public in a white paper on its PSPS decision-making process available at:

[https://newsroom.edison.com/\\_gallery/get\\_file/?file\\_id=609d61cbb3aed37d0f3d5f6a&ir=1](https://newsroom.edison.com/_gallery/get_file/?file_id=609d61cbb3aed37d0f3d5f6a&ir=1)