Southern California Edison
Risk-Model-Group

DATA REQUEST SET O E IS - R M W G _ 2 0 2 4 - 0 0 1

To: Energy Safety
Prepared by: Bryan Landry
Job Title: Senior Advisor – Enterprise Risk Management
Received Date: 5/16/2024

Response Date: 6/11/2024

Question 03:
Regarding: model descriptions

Please provide model descriptions for ignition, consequence, and PSPS models using the example table provided below. Include the following descriptions:

i. Algorithms used and machine learning capabilities.
ii. Inputs for the model.
iii. Outputs for the model.
iv. Description of any modules used, including but not limited to:
  (1) Climate change.
  (2) Ingress and egress.
  (3) Suppression.
  (4) Conflagration risks.
  (5) Smoke impacts.
  (6) Community vulnerability.
v. Modeling components, linkages, and interdependencies.
vi. Weight of each data component and input.
vii. Automatization implemented.
viii. Frequency of model updates, including the basis for each update.

Example of Table Illustrating Descriptions by Model

Descriptions	Ignition Model	Consequence Model	PSPS Model
Algorithms used and machine learning capabilities	EXAMPLE: Max Ent		
Inputs for the model			
…			

Response to Question 03:
SCE's response is captured in the "Q03" tab in the attachment to Question 2 entitled "OEIS-RMWG-2024-SCE-001.xlsx".
For additional detail, see SCE Supplemental Appendix B, submitted as part of OEIS Data Request "OEIS-P-WMP_2023-SCE-001."[1]

[1] See SCE's response to Data Request OEIS-P-WMP_2023-SCE-001, available at https://www.sce.com/sites/default/files/AEM/Data%20Requests/2023/OEIS-P-WMP_2023-SCE-001%20(4).zip (accessed May 29, 2024).