

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 Cal Advocates - SCE - 2021 WMP - 08

To: Cal Advocates

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Received Date: 2/26/2021

Response Date: 3/3/2021

Question 007:

What impact does SCE expect its Next-generation weather forecasting system⁵ will have on future FPI calculations?

Response to Question 007:

SCE will be developing and implementing its Next Generation Weather Modeling System in Q3 and Q4 of 2021. This will include a more robust ensemble forecast output at a 1 km resolution. Currently, SCE is modeling the atmosphere at a 2 km resolution. The combination of increasing the resolution from 2 km to 1 km, and increasing the number of ensemble members, is expected to provide more accurate forecasts of wind speeds and other variables necessary to calculate FPI. Since major terrain features will be better resolved by the model at a 1 km resolution, SCE expects model output to be improved, particularly with regards to wind speeds. These improvements in model output will be directly reflected in FPI accuracy at the circuit level.