

Southern California Edison
***WSD-001 – Resolution WSD-001 to Establish Procedures for the Wildfire Safety Division's
Review of 2020 Wildfire Mitigation Plans Pursuant to PUC Sections 8386 and 8386.3***

DATA REQUEST SET W S D - S C E - V e r b a l - 0 0 1

To: WSD
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Received Date: 3/11/2020

Response Date: 3/16/2020

Question 006:

Regarding FPI and historical data, why doesn't SCE have the historical data now and why does it need to May 2020 to get it?

Response to Question 006:

SCE is currently in the process of creating a 40-year historical dataset which will be completed sometime this summer; however, 20 years of data will be available this May. This dataset is being constructed using coarse resolution reanalysis data from the National Oceanic and Atmospheric Administration which is being downscaled to a 2 km horizontal resolution across the SCE service territory. Output is being produced at an hourly timescale for almost 100 variables, some of which will be used to calculate the FPI. As this dataset is being developed, the data has to be checked for errors and/or missing values which can be time consuming. This is an enormous dataset which takes a significant amount of computing power to produce. SCE has one supercomputer running 24/7 which is dedicated to this task. SCE's other supercomputer is being used for operational purposes and cannot be used to produce this dataset. SCE did not have the computing resources to begin producing this data until this year.