

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2023
Data Response

PG&E Data Request No.:	CalAdvocates 022-Q001		
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Date Sent:	May 5, 2023	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

QUESTION 001

During the panel discussion portion of the Grid Operation, Design, and Maintenance session of the WMP workshop held on April 27, 2023, PG&E estimated that, during wildfire season (May through November) in 2022, EPSS was enabled on approximately 40-60% of circuit days.

- a) Is the above estimate correct? If not, please provide an estimate of the percentage of circuit days that EPSS was enabled during fire season in 2022.
- b) Does PG&E have a forecast of the percentage of circuit days on which EPSS will be enabled during fire season in 2023? If so, please provide it.
- c) Please define “circuit days.”

ANSWER 001

- a) Yes, we calculated the number of High Fire Risk Area (HFRA) circuits that were protected by EPSS between May and November in 2022, which was 59.8% of circuit-days. Note that we did not include EPSS buffer circuits, which are only enabled during Fire Weather Watch , Red Flag Warning, or minimum Fire Potential Conditions. Including those circuits would reduce that percentage significantly (those circuits - or portions of circuits - are only enabled a few days per year, if at all).
- b) A forecast for 2023 would require forecasting weather and Fire Potential Index (FPI) at the circuit level for the full year, which is not possible. However, given that 2022 saw 31% more days than the 2018-20 3-year average in R3 FPI or greater conditions, it is reasonable to assume that 60% is on the higher end of the estimate, and that a reduction of a third would be approximately 40% of circuit mile days.
- c) One ‘Circuit-Day’ is equivalent to one EPSS capable circuit in HFRA protected by EPSS for one day during the May to November timeframe. This unit was selected as PG&E enables EPSS and returns settings to normal based on localized wildfire and meteorological risk conditions as defined at the daily circuit level.