PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response

PG&E Data Request No.:	OEIS_007-Q19		
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Request Date:	March 28, 2022	Requester DR No.:	Data Request OEIS-PG&E-22-007
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PG&E Witness:		Requester:	Kevin Miller

SUBJECT: PSPS PROJECTIONS

QUESTION 19

PG&E projects reductions in scale, scope and frequency in 2022 and 2023 based on mitigations and improved protocols and lessons learned in 2021. For instance, per PSPS event in PG&E-8.3-1 on page 934, PG&E shows estimated quantitative reduction of scope (Number of Customers) of 26,843 and estimated quantitative reduction of duration per event (Customer Hours) of 843,267. In Table 11, PG&E projects the same number of events for 2022 and 2023 as for 2021 (5). Yet, Table 11 (Rows 1a., 1b., and 1c.) show increases from 2021 to 2022 and no reductions between 2022 and 2023.

a. Explain why there are identical total numbers indicated in 2022 or 2023 for Table 11, rows 1.a., 1b., and 1.c.

b. Explain what analysis produced identical total numbers for 2022, and 2023.

ANSWER 19

a. PG&E projected PSPS metrics in 2022 based on planned system enhancements and improvements, and Table 11 keeps those values static for 2023. PG&E anticipates continued improvement from 2022 to 2023, but we do not yet have the data and analysis on the impact of those improvements. Thus, for the purposes of this table, without further data and analysis, no additional improvements have been assumed or forecasted.

b. Please see the response to question a. on why years 2022 and 2023 are the same.

   To determine the impacts of our 2021 PSPS Criteria on scope, duration, and frequency (Table 11 - Rows 1a., 1b., and 1c.), we performed a look back analysis to identify where and when PSPS events would have occurred in the past four years utilizing our latest PSPS protocols and system improvements. This 4-year look back study was developed using the years 2018-2021 to simulate historical weather and the resulting PSPS events using our current PSPS Protocols. The estimated quantitative targets for scope, frequency, and duration are based on the 4-year average of the simulated events. We also projected our 2022 portfolio of mitigation work against the 4-year lookback analysis of PSPS events to quantify their impacts on PSPS scope, frequency, and duration.