

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2023-2025
Data Response

PG&E Data Request No.:	SPD_016-Q001		
PG&E File Name:	WMP-Discovery2023-2025_DR_SPD_016-Q001		
Request Date:	May 30, 2024	Requester DR No.:	SPD_WSPS_PG&E_2024_006
Date Sent:	June 4, 2024	Requesting Party:	Safety Policy Division
PG&E Witness:		Requester:	Henry Sweat

SUBJECT: REQUEST FOR CONFIDENTIAL FILES

QUESTION 001

In response to ACI PG&E-23-13 – Work\Respond to EPSS Events, Customer Average Interruption Duration Index (CAIDI) metric PG&E indicated: *customers on average experiencing EPSS outages of 176 minutes in 2022 and 193 minutes in 2023 (We note that the CAIDI score when excluding Major Event Days (MED) was 183 minutes for 2023).* What was the key reason(s) or driver(s), if known, for the increase in CAIDI from 2022 to 2023?

ANSWER 001

Excluding Major Event Days (MEDs), the increase in CAIDI from 2022 to 2023 was approximately seven minutes. In 2023, the additional implementation of Down Conductor Detection (DCD) resulted in outages that accounted for an increase in EPSS CAIDI of approximately ten minutes. Excluding both MEDs and DCD outages, the EPSS CAIDI in 2023 was approximately 173 minutes. In 2024, the EPSS PMO plans to implement DCD technology firmware upgrades, developed in partnership with our vendor, across devices currently DCD capable in the field in an effort to reduce occurrence of DCD trips where no cause was found after patrol or the outage was related to planned system switching activities.