

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

|                        |  |                   |                             |
|------------------------|--|-------------------|-----------------------------|
| PG&E Data Request No.: | CalAdvocates_010-Q001                      |                   |                             |
| PG&E File Name:        | WMP-Discovery2023_DR_CalAdvocates_010-Q001 |                   |                             |
| Request Date:          | April 4, 2023                              | Requester DR No.: | CalAdvocates-PGE-2023WMP-10 |
| Date Sent:             | April 10, 2023                             | Requesting Party: | Public Advocates Office     |
| DRU Index #:           |  | Requester:        | Holly Wehrman               |

**Grid operations**

**QUESTION 001**

Table 8-3 on p. 332 of PG&E's WMP states that PG&E will make capable for Down Conductor Detection (DCD):

- 500 devices in 2023,
  - 400 devices in 2024, and
  - 250 devices in 2025.
- a) Please explain the reasoning for the decreasing number of devices made capable for DCD from 2023-2025.
- b) Approximately how many circuit miles in the HFTD will be protected by DCD at the end of 2025?

**ANSWER 001**

- a) DCD is capable of seeing from the device to "end of line", therefore we are able to provide DCD protection on most eligible High Fire Risk Area line miles by the end of 2023, then supplementing that coverage in 2024 and 2025, including in the EPSS Buffer area. The number of devices decrease in 2024 and 2025 because the line miles covered in 2024 and 2025, including EPSS Buffer area are less than the line coverage in eligible HFRA for 2023.
- b) We anticipate approximately 21,000 circuit miles in HFRA will be protected by DCD at the end of 2025.