

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

PG&E Data Request No.:	OEIS_008-Q001		
PG&E File Name:	WMP-Discovery2023_DR_OEIS_008-Q001		
Request Date:	May 25, 2023	Requester DR No.:	P-WMP_2023-PG&E-008
Date Sent:	May 31, 2023	Requesting Party:	Office of Energy Infrastructure Safety
DRU Index #:		Requester:	Dakota Smith

Regarding Vegetation Management Objectives

QUESTION 001

In Table 8-12 of PG&E’s 2023-2025 WMP, it states that one of its objectives is to “Determine value of a multi-year historical tree data set.”

- a. Expand on what is meant by “a multi-year historical tree data set.”
- b. How might the data for this set be gathered? (e.g., inspection reports, remote sensing, etc.)
- c. Would this data set be like SCE and SDG&E’s tree inventories?

ANSWER 001

- a. A multi-year historical tree data set in this context is a data set compiled from all relevant year-over year tree data available over a period of time. This would be intended to inform decision makers at various steps of the vegetation management cycle, for trees that remain unmitigated through removal. The tree data can inform risk analyses, planning, and forecasting. This information can inform inspectors on tree response to previous pruning activities. It can provide insight on various factors such as (but not limited to) growth rates of specific individual trees based on historical inspection. The tree specific data can also improve remote sensing data or outage trend or more broadly, observed failure patterns at the species level.
- b. This data initially would be gathered by utilizing inspection records and coordinates. This data will get updated with each tree’s next inspection(s). Tree-specific data captured through other remote sensing would require subsequent field verification to confirm accuracy before the data could be relied upon for multi-year historical analysis.
- c. The utilities would need to benchmark in order to accurately address this question. The desired outcome would align datasets for meaningful comparative analysis.