

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

PG&E Data Request No.:	CalAdvocates_043-Q007		
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Request Date:	April 12, 2024	Requester DR No.:	CalAdvocates-PGE-2025WMP-07
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PG&E Witness:		Requester:	Holly Wehrman

System hardening alternatives analysis

Table ACI-PG&E-23-05-3 on page 55 of PG&E's 2025 WMP Update lists 10 possible alternatives PG&E anticipates using in its WBCA. Questions 1 through 9 relate to this table.

QUESTION 007

The table lists the assumption, "Mitigation effectiveness for other Environmental caused outages: None for Overhead and All for Underground." State the basis for this assumption.

ANSWER 007

The referenced table should not have reflected "None for Overhead and All for Underground" for mitigation effectiveness for other environmental caused outages. Some outage combinations did have a savings assigned in the final study, these were mostly related to overhead transformer equipment failures where enhanced safety settings or overhead hardening would mitigate risk. The environmental/external basic cause is assigned to an outage during a significant weather or environmental event. Overhead construction would still be susceptible to earthquakes, erosion, lightning and ice events.

The enhanced safety settings and overhead hardening would still apply for transformer and equipment failure related outages and reduce the chance of an ignition for some environmental/external outages.