

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

PG&E Data Request No.:	CalAdvocates_028-Q015		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_028-Q015		
Request Date:	August 10, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-28
Date Sent:	August 15, 2023	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

RN-PG&E-23-04

QUESTION 015

Page 63 of PG&E's response states, "For example, we have found certain splices (e.g., splices within two feet of an insulator, and number of splices per span) do not pose an increased risk of ignition. Instead of issuing a non-ignition risk maintenance tag, the splices are better addressed by the asset management team as they are a potential indicator of a holistic asset health issue."

- a) Describe how the asset management team will track splices if a maintenance tag is not issued.
- b) Describe the circumstances under which PG&E would repair splices that do not pose an ignition risk, and therefore do not have a maintenance tag.
- c) How does PG&E's asset management team use splices as an indicator of "holistic asset health" and under what circumstances does the asset management team take action based on this indicator?

ANSWER 015

- a) As described in our response to the Revision Notice, we are analyzing the information collected during inspections and comparing it to the actual failures. If we find that certain conditions, such as splices within two feet of an insulator, are not a good indicator of an actual failure, we will use one of the following options to document the condition as an asset health notification: (1) record the notification as a different priority EC tag (e.g., AH priority); or (2) record the notification as an ER tag instead of an EC tag. ER tags are currently used to track proactive maintenance work that are planned for future years (e.g., planned transformer replacements to address asset health condition).
- b) PG&E would address asset health conditions by bundling the work with planned projects at the location. As described in response to subpart (c) below, asset health conditions will be one of the inputs for prioritizing circuits for proactive replacements. Once selected for replacement, all asset health conditions at the location will be addressed as part of the replacement project.

- c) PG&E leverages the conductor composite model to determine which conductors have the highest likelihood of failure. Asset health conditions such as “splices within two feet” and the “number of splices in a span” will become an input data point for the machine learning-based model to improve the risk prioritization of the conductor asset base. The overall conductor asset health risk prioritization is then used as part of the Integrated Grid Planning process to prioritize bundled circuit-based upgrades of PG&E’s asset base.