

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

PG&E Data Request No.:	SPD_019-Q007		
PG&E File Name:	WMP-Discovery2023-2025_DR_SPD_019-Q007		
Request Date:	August 29, 2024	Requester DR No.:	SPD_WSPS_PG&E_2024_010
Date Sent:	September 12, 2024	Requesting Party:	Safety Policy Division
PG&E Witness:		Requester:	Henry Sweat

SUBJECT: DATA REQUEST SPD_019 (SPD_WSPS_PG&E_2024_010):

QUESTION 007

Submit the following documents for a pole which (1) has a pole loading calculation and (2) was identified by the pole test and treat inspection program to have 40% or less remaining strength:

- Pole test and treat inspection report
- The procedures used to perform and pole test and treat
- Work order for the pole
- The calculation (in spreadsheet form) for the remaining strength. The spreadsheet submitted should be able to modifiable so that SPD can re-calculate parameters depending on different properties.
- Papers or testing data which justifies the methodology used to calculate the remaining strength.
- The pole loading calculation.
- A description of actions taken by PG&E after the inspection.

ANSWER 007

PG&E has identified Pole 100884900 (subject pole), which has both a Pole Loading Calculation (PLC) and was identified by the Pole Test and Treat (PTT) program to have less than 40% Remaining Strength (RS). Please see explanations below and referenced attachments for each of the bullets from the original question.

- PTT inspected the subject pole on December 5, 2023. Please see attachment "*WMP-Discovery2023-2025_DR_SPD_019-Q007Atch01CONF.pdf*" for the PTT inspection report.
- PTT utilized Utility Procedure, TD-2325P-01, Revision 3 to inspect the subject pole. Please see attachment "*WMP-Discovery2023-2025_DR_SPD_019-Q007Atch02CONF.pdf*" for the Utility Procedure.
- PTT rejected the subject pole on December 5, 2023, recommending replacement. PTT generated Electric Corrective (EC) Notification 127543038 to replace the

subject pole. Please see attachment "*WMP-Discovery2023-2025_DR_SPD_019-Q007Atch03CONF.pdf*" for the EC notification.

- PG&E intrusive inspectors utilize our Inspect Application to document their inspections. The Inspect Application has a strength calculator (D-Calc) built into the intrusive inspection checklist, which is used to document the decay observed and results in a remaining strength. PG&E welcomes the opportunity to demonstrate the Inspect Application and embedded strength calculator to SPD.
- PG&E purchased D-Calc from EDM and integrated the strength calculator into the Inspect Application. Please see attachment "*WMP-Discovery2023-2025_DR_SPD_019-Q007Atch04.pdf*" for EDM's D-Calc software manual from July 2015.
- PG&E Estimating team performed a PLC for Pole 100884900. Please see attachment "*WMP-Discovery2023-2025_DR_SPD_019-Q007Atch05CONF.pdf*" for the PLC.
- PTT inspected this pole on December 5, 2023. PG&E's Estimating team performed a PLC for this pole in February 2024, which indicated a Bending Safety Factor (SF) of 1.33. Due to the low SF, the Asset Strategy team upgraded the EC Notification to a Priority-B replacement, due within 6-Months. The EC Notification was estimated, permitted and provided to construction for execution. Pole 100884900 was replaced on June 19, 2024.