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

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| PG&E Data Request No.: | SPD_019-Q009 | | |
| PG&E File Name: | WMP-Discovery2023-2025_DR_SPD_019-Q009 | | |
| 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 009**

Submit one example of a one desktop-based assessment pole loading calculation for an unguyed tangent pole and highlight where the criteria submitted in the spreadsheet as part of question 8 may be obtained from the calculation.

**ANSWER 009**

Please reference attachments "WMP-Discovery2023-2025_DR_SPD_019-Q009Atch01.pdf" and "WMP-Discovery2023-2025_DR_SPD_019-Q009Atch02.pdf" for one desktop-based assessment Pole Loading Calculation (PLC) for an un-guyed tangent pole with the criteria submitted as part of Question 008, also listed below, highlighted for reference.

- Pole SAP ID
- Horizontal Loading Criteria
- Loading Type
- Safety Factor
- Grade of Construction
- Maximum Capacity Utilization

Attachment "*WMP-Discovery2023-2025_DR_SPD_019-Q009Atch01.pdf*" is the PLC that resulted from the Desktop-Based Assessment. This PLC utilized the conductors from our EDGIS system of record, which indicated that the pole had #4CU conductor on one side and 2ACSR on the other side. Please see Figure 1 on "WMP-Discovery2023-2025_DR_SPD_019-Q009Atch03CONF.pdf". These conductors resulted in the pole being imbalanced, and presumed to be overloaded, as both sets of conductors are at full tension and double dead-ended at the subject pole.

"*WMP-Discovery2023-2025_DR_SPD_019-Q009Atch02CONF.pdf*" is the PLC that resulted from the Further Engineering Assessment. This PLC utilized enhanced imagery and work management records from SAP to recognize that the #4CU conductor is actually 2ACSR conductor in the field. Please see Figure 2 on "WMP-Discovery2023-2025_DR_SPD_019-Q009Atch03CONF.pdf". The correction that the pole is not double dead ended and has 2ACSR on both sides balanced the subject pole and validated that it is not in an overloaded condition.