

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

PG&E Data Request No.:	CalAdvocates_032-Q007		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_032-Q007		
Request Date:	October 31, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-32
Date Sent:	November 14, 2023	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

**QUESTION 007**

Please provide the results of all pole loading calculations performed as part of all bare-to-covered conductor replacement projects in 2022 and 2023 (as of October 1, 2023). This should contain the following at minimum:

- a) Pole IDs.
- b) Estimated safety factor before conductor replacement (bare conductor).
- c) Estimated safety factor after conductor replacement (covered conductor).
- d) Determination of whether the pole needed replacement based on safety factor.
- e) Whether the pole was actually replaced.

**ANSWER 007**

Please reference attachment, "*WMP-Discovery2023\_DR\_CalAdvocates\_032-Q007Atch01.xlsx*" for the list of pole loading calculations performed as part of covered conductor projects that were constructed in 2022 and have completed the quality verification process. Projects constructed in 2023 are still undergoing quality verification and have not been included in this report.

The report contains the following information:

1. The Pole SAP Equipment ID for the in-service poles.
2. The Bending Safety Factor after covered conductor installation.
3. The In-Service Pole Status; options for this data field are as follows:
  - "Existing" means that the pole did not need to be replaced as a result of covered conductor installation.
  - "Replaced" means that the pole was replaced as part of the covered conductor installation project.
  - "New" means that the pole is newly required as part of the covered conductor installation project. A pole did not exist in this location prior to the covered conductor installation project.
4. Pole Material; options for this data field are as follows:

- Wood.
- Composite.

5. Grade of Construction; options for this data field are as follows:

- A.
- B.
- C.

6. Loadcase; options for this data field are as follows:

- GO 95.
- NESC.

- This information has been included in the attachment, as described in item 1 above.
- PG&E's estimating process does not include performing a pole loading calculation of the pole in the configuration prior to covered conductor installation. We model the pole with the covered conductor and equipment for the new project and make a determination as to whether the pole is adequately sized to remain in-service. If a pole replacement is required, the pole loading calculation is performed for the new pole.
- This information has been included in the attachment, as described in item 2 above.
- This information has been included in the attachment, as described in item 3 above.
- This information has been included in the attachment, as described in item 2 above. All replaced poles are noted as "Replaced."