

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

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PG&E Witness:		Requester:	Holly Wehrman

**QUESTION 003**

- a) When you plan system hardening projects for wildfire mitigation purposes, do you design projects to accommodate forecasted load growth?
- b) If yes, what degree of load growth do you design for?
- c) Describe your process for incorporating forecasted load growth into the design of system hardening projects (for instance, which scenarios of possible load growth are considered).

**ANSWER 003**

- a) Yes, when we plan system hardening projects for wildfire mitigation purposes the scope and design of the project may be influenced by forecasted load growth.
- b) The design takes into account a 13-year substation transformer and distribution circuit breaker forecast and a three-year distribution line-section forecast.
- c) Only one scenario is used for load forecasting. This scenario uses known load applications for service as well as the most-recently-adopted California Energy Commission Integrated Energy Policy Report forecast for load and Distributed Energy Resource growth. Our Electric Distribution Planning team provides input and review for the Grid Design team throughout the scoping process ensuring that adequate capacity, voltage control, and protection is incorporated with the system hardening project scope. There is also an additional touchpoint later in the estimating process where the Electric Distribution Planning and Grid Design engineering teams review the Circuit Map Change Sheet (CMCS) and approve the final design. At that point, if any changes are required due to new forecasted load growth, the design can be updated to support that need.