

**PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response**

PG&E Data Request No.:	CalAdvocates_009-Q02		
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Date Sent:	December 5, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

Please note the following questions pertain to PG&E's quarterly data report and quarterly initiative update for the third quarter of 2022, filed with Energy Safety on November 1, 2022.

QUESTION 02

PG&E's Quarterly Initiative Update states the following "Corrective Actions If Delayed" with respect to initiative C.07 *Temporary Distribution Microgrids*: "The root cause of this delay was resource constraints and competing priorities."

- a) List the resources that were constrained with regard to initiative C.07, and what constraints existed for each.
- b) List the competing priorities and how each competing priority affected initiative C.07.
- c) At the time that PG&E set its targets for initiative C.07, did PG&E anticipate the resource constraints identified in part (a)?
- d) Why have the resource constraints identified in part (a) been more serious in 2022 than PG&E anticipated when it set its targets for initiative C.07?
- e) If the answer to part (c) is no, please explain how and when these resource constraints materialized.
- f) If the answer to part (c) is yes, please explain how PG&E planned to manage these resource constraints to meet its quarterly targets.
- g) At the time that PG&E set its targets for initiative C.07, did the competing priorities identified in part (b) exist?
- h) Why have the competing priorities identified in part (b) been more serious in 2022 than PG&E anticipated when it set its targets for initiative C.07?
- i) If the answer to part (g) is no, please explain how and when these competing priorities materialized.
- j) If the answer to part (g) is yes, please explain how PG&E planned to manage these competing priorities to meet its quarterly targets.

ANSWER 02

- a) Supply chain constraints for certain SCADA-enabling equipment (potential transformers or PT's) prevented PG&E from completing a second Distribution Microgrid for operation in Q3. The supply chain equipment delays then compounded to affect other resources and scheduling such as construction, QA, mapping, deployment of generation, and energization plans.
- b) SCADA-enabling equipment delays compressed the workplan for this high priority work, which put it in conflict with other committed priority work scheduled to take place later in the year. SCADA controlled devices are complex and require the involvement of many stakeholders to complete each device
- c) PG&E did not anticipate that materials and supply chain delays would result in the delay of SCADA-enabling equipment. PG&E placed an order for SCADA-enabling PTs in March but did not receive needed equipment until October.
- d) Resource constraints were more serious than anticipated when quarterly targets were set due to manufacturing supply chain issues (see our response to subpart (e)).
- e) Materials delays materialized due to manufacturers experiencing industry-wide supply chain issues. Off-the-shelf alternatives were not available; PTs had to be custom-made due to voltage requirements at the site.
- f) Regarding finite temporary generation field resources capable of inspecting and overseeing temporary generation installations, PG&E planned to dispatch these resources in alignment with a prioritized sequence of various types of temporary generation deployments for PSPS mitigation (e.g. hospitals, CRCs, distribution microgrids). While PG&E's quarterly target for distribution microgrids was delayed, we remained aligned with our overall end of year target, and we were able to manage concurrent temporary generation priorities (even if these weren't tied to Q3 targets).
- g) At the time PG&E set our targets for initiative C.07, we knew it would be concurrently managing temporary generation for multiple types of deployments for PSPS mitigation in 2022.
- h) The compressed schedule due to supply chain delays was not anticipated when targets were set.
- i) n/a
- j) PG&E planned to prioritize among temporary generation installation for PSPS mitigation and managed our quarterly targets accordingly. Please see our response to subpart (f) for additional information.