

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans
Rulemaking 18-10-007
Data Response

PG&E Data Request No.:	WSD_007-Q02		
PG&E File Name:	WildfireMitigationPlans_DR_WSD_007-Q02		
Request Date:	March 1, 2021	Requester DR No.:	WSD-2021 WMP-02
Date Sent:	March 4, 2021	Requesting Party:	Wildfire Safety Division
PG&E Witness:		Requester:	Ryan Arba

QUESTION 02

In order to demonstrate adequacy of size of service restoration workforce (requirement 8386(c)(15)) provide the following:

- a. Describe your current service restoration processes (i.e., damage assessments, repairs, switching activities, etc.) and tools (boots on the ground, drones, helicopters, etc.).
- b. Report the type and number of each personnel classification currently employed by [insert utility] that are involved in service restoration activities, including an explanation of what roles and responsibilities they have.
- c. How many mutual aid agreements does the utility have in place? Explain the type and number of personnel classifications involved in each agreement (or the total number for all agreements).
- d. How many contractors are in place for service restoration? Explain the type and number of personnel classifications retained as contractors.

ANSWER 02

- a. CPUC General Order (GO) 166 “Standards for Operation, Reliability, and Safety During Emergencies and Disasters” helps ensure that electric utilities are prepared for emergencies and disasters to minimize damage and inconvenience to the public, which may occur because of electric system failures, major outages, or hazards posed by damage to electric distribution facilities. PG&E submits a report annually demonstrating compliance with the standards set forth in GO 166 which includes plan updates, restoration, assessment and standby staffing, mutual assistance agreements and engagements with the public sector emergency management and public safety communities.

Standard one of GO 166 states the utility shall prepare an emergency response plan setting forth anticipated responses to emergencies and major outages. It indicates the plan should help to ensure the utility is best able to protect life and property during an emergency or major outage and communicate the scope and expected duration of an outage. The required plan elements outlined in Standard one is included in PG&E’s Company Emergency Response Plan (CERP) and Annexes.

The Electric Annex outlines PG&E's restoration roles and responsibilities in Section 2.2 and processes in Section 3.2. The CERP (WildfireMitigationPlans_DR_WSD_007-Q02Atch01) and Electric Annex (WildfireMitigationPlans_DR_WSD_007-Q02Atch02) are attached.

In addition, the resources identified the Electric Annex Section 2.2, a number of other tools are utilized to support safe restoration of service to customers including helicopters which are utilized for both damage assessment and the mobilization of manpower and material to remote locations. PG&E also utilizes primary and secondary generation where feasible to restore customers impacted by extended duration outages.

- b. In compliance with GO 166 Standard 11, PG&E annually reports the number of personnel available to support service restoration by classification and County. As stated in response to question one of this data request the roles and responsibilities of the classifications are provided in the Electric Annex Section 3.2.

Electric resources are utilized in different capacities based on their qualifications. They can support as members of the crew or directly support facility repair, make safe and work on energized equipment.

Gas resources are also used to support electric emergencies in the role of debris clean up, single customer restoration or relieving public safety agencies as 911 Standby resources.

WildfireMitigationPlans_DR_WSD_007-Q02Atch03 provides the type and number of each personnel classification currently employed by PG&E that are involved in service restoration activities.

- c. In compliance with GO 166 Standard 2, PG&E is a member of eight mutual assistance agreements with the following group or individual entities:
 - 1. California Utilities Emergency Association (42-member energy utilities)
 - 2. Western Region Mutual Assistance Group (58-member energy utilities)
 - 3. Edison Electric Institute (94-member energy utilities)
 - 4. American Gas Association
 - 5. Florida Power and Light Company
 - 6. Trinity County Public Utilities District
 - 7. Western Area Power Administration
 - 8. Yolo County Flood Control and Water Conservation District

The utility industry uses standard language for mutual assistance agreements that leaves the acceptance to support a request for mutual assistance to the discretion of the member utilities. The number of personnel available to support a request for assistance is based on the needs of the supporting utility. Factors often considered include; work plan flexibility, emergent risk from weather and available resources.

The resource classifications within the utility industry are similar across the hundreds of utilities across the nation. Mutual assistance crews are used to support assessment and restoration activities. Considering the volume of member utilities within each of the group agreements and the discretionary support language within the respective agreements, PG&E is unsure of the value of reaching out to the member utilities in each agreement to provide a list of potentially available resources that may be available to support.

- d. Contract crew levels are based on the needs of PG&E's base work plan and can fluctuate throughout the year. Currently PG&E has 222 overhead and underground contract crews available to support restoration. If additional contract crews are needed to support restoration, PG&E can contact contract crew vendors to mobilize additional crews and reach out to other utilities to temporarily release additional contract crews.