

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

PG&E Data Request No.:	MGRA_007-Q002		
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Request Date:	October 9, 2023	Requester DR No.:	MGRA Data Request No. 7
Date Sent:	October 12, 2023	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

QUESTION 002

Are ingress and egress concerns determined solely by the potential for falling poles or does the PSS team also analyze the potential for entrapment by fast moving wildfires and/or insufficient notice?

ANSWER 002

Ingress and egress concerns are not determined solely by the potential for falling poles. The PSS considers many factors when evaluating ingress and egress concerns in a complex or rapidly expanding wildland fire including:

- Population density
- Time of day (there are differences between evacuating communities at night when most people are at home compared to during the day when fewer people are at home).
- Amount of time the public would need to evacuate or shelter in place
- Notifications and information made available to the public
- Road infrastructure (e.g., road size, number of lanes, type of surface, destination)
- Fuel types along an evacuation corridor (e.g., grass vs. brush vs. timber)
- Elevated Weather conditions (e.g., red flag days including high temperatures, high winds, low relative humidities)
- Topography/terrain (do evacuation routes place evacuees in danger due to steep slopes, drainages, and chimneys along a corridor which are often associated with extreme fire behavior)
- Human factors (e.g., elderly, special needs, evacuating large and small pets, knowledge or experience of citizens living in high fire hazard areas)
- Location of overhead electrical assets (e.g., poles proximity to the road's shoulder and conductor crossings over those ingress/egress thoroughfares should they become impacted by fire and fail onto the evacuation corridor)
- Firefighting ingress (e.g., number, type, size of equipment, staging areas, etc.)