

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

PG&E Data Request No.:	TURN_006-Q005		
PG&E File Name:	WMP-Discovery2023_DR_TURN_006-Q005		
Request Date:	April 21, 2023	Requester DR No.:	TURN-PG&E- 6
Date Sent:	April 26, 2023	Requesting Party:	The Utility Reform Network
DRU Index #:		Requester:	Tom Long

SUBJECT: SYSTEM HARDENING

QUESTION 005

Regarding the response to TURN data request 5-4, please explain the following terms used in the last paragraph of that response:

- a. Gray services
- b. Tree-connects
- c. “Breakaway” connectors

ANSWER 005

- a) Gray Services – An older type of insulated service aerial conductor that is more susceptible to water ingress and deterioration.
- b) Tree-connects – In this context, a service or secondary wire that is tied / connected directly to trees instead of poles.
- c) Break-away connectors – A connector system, primarily used at the service pole, that is designed to separate safely (AKA “break-away”), in the event of a tree or branch falling into the line, at the pole instead of pulling down the energized service wire or disconnecting at the weather head. The breakaway connector system is designed to leave no exposed energized components on the downed service line.