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

PG&E Data Request No.:	CalAdvocates_025-Q01		
PG&E File Name:	WMP-Discovery2022_DR_CalAdvocates_026-Q01		
Request Date:	July 15, 2022	Requester DR No.:	CalAdvocates-PGE-2022WMP-26
Date Sent:	July 28, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Tyler Holzschuh

QUESTION 01

a) Has PG&E studied the possibility of coordinating distribution protection in a manner where the substation feeder circuit breaker trips first and then the unfaulted line segments are re-energized to increase coordination and decrease protection delay?[2]

b) If the answer to part (a) is yes, when did PG&E conduct this analysis?

c) If the answer to part (a) is yes, please provide all such studies or analyses that PG&E has produced or performed.

d) If PG&E has reviewed any external (i.e., not created by PG&E) reports, studies or analyses related to the distribution protection scheme described in part (a), please *identify* each such document.

e) Does PG&E plan to implement the distribution protection scheme described in part (a) on any portion of its electric distribution system?

ANSWER 01

a) From this request, we understand that the strategy referred to is what is commonly described in the industry as line sectionalizing mode. For this mode to operate properly, automatic reclosing of the upstream protective device is required. Since automatic reclosing is disabled when Enhanced Powerline Safety Settings (EPSS) criteria is met, this mode is not currently feasible and PG&E has not studied further the use of line sectionalizing mode in this application.

b) Not applicable.

c) Not applicable.

d) We have not reviewed any such reports, studies, or analyses given the limitations described in subpart (a).

e) PG&E does employ line sectionalizers on the system. This method works in conjunction with automatic reclosing when and where reclosing is enabled which is typically outside of high fire risk area (HFRA) or within HFRA under the non-

[2] Alstom calls this concept "Open Grid," https://tv.theiet.org/?videoid=6427.

EPSS meteorological conditions.