

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

PG&E Data Request No.:	TURN_016-Q01		
PG&E File Name:	WildfireMitigationPlans_DR_TURN_016-Q01Supp01		
Request Date:	February 19, 2021	Requester DR No.:	WMP DR TURN-PGE-002
Date Sent:	February 24, 2021 (Original) March 5, 2021 (Supplemental 01)	Requesting Party:	The Utility Reform Network
PG&E Witness:		Requester:	Marcel Hawiger

QUESTION 01

Re PG&E Excel data attachment, Table 12, initiative 7.3.3.17.1 (System hardening):

- a. PG&E notes that covered conductor installation 7.3.3.3 and undergrounding 7.3.3.16 are included within 7.3.3.17.1. Please disaggregate system hardening by covered conductor, undergrounding, and all other activities, by providing all column entries for these three categories.
- b. If PG&E cannot disaggregate the system hardening spending, please explain why PG&E does not separately track costs for undergrounding, covered conductor installation, and other system hardening activities.

ANSWER 01

- a. Please see PG&E's response to subpart (b) below.
- b. Table 12 includes information for actual costs (2020) and forecast costs (2021 and 2022).

For forecast costs, PG&E has not fully scoped the System Hardening Program projects that will occur in 2021 and 2022 to determine the method of hardening between overhead, underground or other methods. See e.g., 2021 WMP at pp. 553-555 and 557-558.

For actual costs (2020), PG&E can provide an estimate of disaggregated cost information, but cannot do so in a three day turn around given the volume of the work needed to disaggregate these costs. PG&E will provide this information as soon as feasible. Some of the disaggregated information will include estimates as some projects include both overhead covered conductor installation and undergrounding; in these cases PG&E determines a primary construction method and assigns all of the project costs as either overhead or underground. Note that perfect separation of underground vs overhead costs for this projects with a mix of overhead and undergrounding would not be possible due to the all-inclusive nature of costs such as permitting, environmental compliance, estimating, contracting (if required), and project management.

ANSWER 01 SUPPLEMENTAL 01

We are providing disaggregated system hardening costs across covered conductor, undergrounding, and all other activities in the table below to address part a for 2020 - key assumptions are noted in the table below

2020 Actuals Spend		Notes/Assumptions
OH	\$ 439,336.801	Projects with greater than 90% OH
UG	\$ 7,973.868	Projects with greater than 60% UG
Hybrid (OH/UG)	\$ 10,287.217	Projects with less than 90% OH and less than 60% UG
Other	\$ 2,544.210	Order costs with no planned miles: <ul style="list-style-type: none"> • \$1,159.208 – legacy standing PMO order 7093505 • \$ 847.642 – legacy standing Contract Estimating order 1014895 • \$ 183.806 – 2019 Fire Rebuild project that may need to be re-tagged as 95F. Currently investigating. • Remainder is cost associated with cancelled/differed projects
Total	\$ 460,142.096	

Note: 2020 costs above are for projects that span multiple years, ex. they include close out costs for 2019 projects and readiness costs for 2022+projects. Therefore, lifecycle unit costs cannot be determined solely with 2020 costs and 2020 construction units complete.