

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

PG&E Data Request No.:	WSD_010-Q20		
PG&E File Name:	WildfireMitigationPlans_DR_WSD_010-Q20		
Request Date:	March 15, 2021	Requester DR No.:	WSD to PGE – Data Request – 20210315
Date Sent:	March 19, 2021	Requesting Party:	Wildfire Safety Division
PG&E Witness:		Requester:	Ryan Arba

QUESTION 20

Regarding PG&E's vegetation inspections:

- a. What factors caused PG&E to increase the number of miles it inspected for vegetation clearance in 2020 (in comparison to the targets reported in its 2020 WMP) and increase the target number of miles for vegetation inspection in 2021? (Table 1)
- b. Is this a response to oversight by the Federal Monitor?
- c. Is this a response to a condition(s) (and potential conditions) set by US District Judge William Alsup? If so, what is the condition(s)?

TABLE 1

VM Inspection Initiatives & Targets	2020 Plan Miles	2020 Actual Miles	% of target completed	2021 Plan Miles
7.3.5.2 Detailed inspections of vegetation around distribution electric lines and equipment	25,597	81,004	316%	81,004
7.3.5.3 Detailed inspections of vegetation around transmission electric lines and equipment	5,710	18,161	318%	18,161
7.3.5.9 Other discretionary inspections of vegetation around distribution electric lines and equipment (CEMA, "mid-cycle")	25,597	43,375	169%	81,004

Internal

TABLE 2

Initiative	Territory 2020 Cycle Total	Territory 2021 Cycle Total	Δ
7.3.5.10 Other discretionary inspections of vegetation around transmission electric lines and equipment	\$ 267.88	\$ -	-100%
7.3.5.11 Patrol inspections of vegetation around distribution electric lines and equipment	\$ 324,518.67	\$ -	-100%
7.3.5.12 Patrol inspections of vegetation around transmission electric lines and equipment	\$ 109,887.32	\$ -	-100%
7.3.5.16 Removal and remediation of trees with strike potential to electric lines and equipment (2020 WMP says "Transmission")	\$ 45,022.64	\$ -	-100%
7.3.5.20 Vegetation management to achieve clearances around electric lines and equipment	\$ 1,326,981.80	\$ -	-100%
7.3.5.14 Recruiting and training of vegetation management personnel	\$ 5,725.20	\$ 39.37	-99%
7.3.5.9 Other discretionary inspections of vegetation around distribution electric lines and equipment (CEMA)	\$ 37,075.15	\$ 1,318.69	-96%
7.3.5.6 Improvement of inspections	\$ 20,063.61	\$ 3,611.85	-82%
7.3.5.17.1 Substation inspection , Distribution substation	\$ 3,122.66	\$ 911.50	-71%
7.3.5.7 LiDAR inspections of vegetation around distribution electric lines and equipment	\$ 22,115.39	\$ 8,808.12	-60%
7.3.5.17.2 Substation inspection , Transmission substation	\$ 1,512.25	\$ 635.32	-58%
7.3.5.13 Quality assurance / quality control of vegetation inspections	\$ 55,003.47	\$ 32,506.61	-41%
7.3.5.19 Vegetation inventory system	\$ 31,489.14	\$ 23,572.22	-25%
7.3.5.1 Additional efforts to manage community and environmental impacts	\$ 78,514.67	\$ 70,484.21	-10%

TABLE 3

Initiative	Territory 2020 Cycle Total	Territory 2021 Cycle Total	Δ
7.3.5.1 Additional efforts to manage community and environmental impacts	\$ 78,514.67	\$ 70,484.21	-10%
7.3.5.2 Detailed inspections of vegetation around distribution electric lines and equipment	\$ 2,369,909.35	\$ 3,186,152.31	34%
7.3.5.3 Detailed inspections of vegetation around transmission electric lines and equipment	\$ 375,480.70	\$ 483,742.07	29%
7.3.5.4 Emergency response vegetation management due to red flag warning or other urgent conditions	\$ 18,202.75	\$ 17,686.65	-3%
7.3.5.5 Fuel management and reduction of "slash" from vegetation management	\$ 76,890.63	\$ 80,475.21	5%
7.3.5.6 Improvement of inspections	\$ 20,063.61	\$ 3,611.85	-82%
7.3.5.7 LiDAR inspections of vegetation around distribution electric lines and	\$ 22,115.39	\$ 8,808.12	-60%
7.3.5.8 LiDAR inspections of vegetation around transmission electric lines and equipment	\$ 77,085.69	\$ 85,945.08	11%
7.3.5.9 Other discretionary inspections of vegetation around distribution electric	\$ 37,075.15	\$ 1,318.69	-96%
7.3.5.10 Other discretionary inspections of vegetation around transmission electric	\$ 267.88	\$ -	-100%
7.3.5.11 Patrol inspections of vegetation around distribution electric lines and equipment	\$ 324,518.67	\$ -	-100%
7.3.5.12 Patrol inspections of vegetation around transmission electric lines and equipment	\$ 109,887.32	\$ -	-100%
7.3.5.13 Quality assurance / quality control	\$ 55,003.47	\$ 32,506.61	-41%
7.3.5.14 Recruiting and training of vegetation management personnel	\$ 5,725.20	\$ 39.37	-99%
7.3.5.15 Remediation of at-risk species (EVM)	\$ 303,019.32	\$ 394,033.54	30%
7.3.5.16 Removal and remediation of trees with strike potential to electric lines and equipment (2020 WMP says	\$ 45,022.64	\$ -	-100%
7.3.5.17.1 Substation inspection , Distribution substation	\$ 3,122.66	\$ 911.50	-71%
7.3.5.17.2 Substation inspection , Transmission substation	\$ 1,512.25	\$ 635.32	-58%
7.3.5.18.1 Substation vegetation	\$ 2,651.62	\$ 8,584.44	224%
7.3.5.18.2 Substation vegetation management, Maintenance substation transmission	\$ 3,158.43	\$ 10,359.33	228%
7.3.5.19 Vegetation inventory system	\$ 31,489.14	\$ 23,572.22	-25%
7.3.5.20 Vegetation management to achieve clearances around electric lines and equipment	\$ 1,326,981.80	\$ -	-100%
Total	\$ 5,287,698.34	\$ 4,408,866.52	-17%

ANSWER 20

- a. There is no variance between the miles PG&E planned to inspect in 2020 and what was actually inspected. In general, PG&E inspects all planned miles on a yearly recurring cycle. In the 2020 WMP, PG&E reported on HFTD miles but our vegetation management inspection programs address assets in non-HFTD areas as well. For the 2021 WMP, the guidelines and templates from the WSD directed utilities to include non-HFTD areas as well. So the difference between the 2020 WMP reported “planned” miles and the 2021 WMP reported “actual” miles is solely the difference between reporting HFTD areas only (~25,600 distribution miles as shown in the 2020 WMP) and all parts of the PG&E service territory (~81,000 distribution miles as shown in the 2021 WMP).

Additionally, the forecast for the volume of 2021 CEMA inspection miles is inaccurate in Table 1 and PG&E’s 2021 WMP submission. PG&E’s forecasted volume of 2021 CEMA inspection miles is 43,684.

- b. N/A – please see response to subpart a.
- c. N/A – please see response to subpart a.