				Link to Dis	covery Resp	onses: https://www.pge.com/en_US/safety/emergency-preparedness	/natural-disaster/wi	ildfires/wildfi	re-mitigation-	plan-discove	ry-data-re	quests.page	,		
Count	Party Name	Data Set	Data Request	Question No.	Question ID	Question Text	Requestor	Date Rec'd	Final Due Date	Date Sent	Number of Atchs	NDA Required	WMP Section	Category	Subcategory
1	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	1	CalAdvocate s-PGE- 2022WMP- 12_1	In response to Data Request CalAdvocates-PGE-2022WMP-03, Question 5, PGE stated with regard to detailed ground inspections of transmission towers, The average number of inspections completed per day in 2021 was 10.9 for contractors, and 7.6 for internal PG&E inspectors."	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections of Transmission electric lines and equipment
2	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	2	CalAdvocate s-PGE- 2022WMP- 12_2	In response to Data Request Call/divocates-PGE-2022WMP-03, Questions 9- 11. PG&E responded mat "PG&E's search of LC tags issued as a result of both destop and field Quality Control reviews did not identify any Priority A or Priority B LC tags issued* for climbing, drone, or detailed ground inspections of transmission structures.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	1		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
3	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	3	CalAdvocate s-PGE- 2022WMP- 12_3	For desktop Quality Control reviews of transmission drone inspections, please provide the same data as requested in Question 2.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
4	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	4	CalAdvocate s-PGE- 2022WMP- 12_4	For desktop Quality Control reviews of transmission detailed ground inspections, please provide the same data as requested in Question 2.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
5	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	5	CalAdvocate s-PGE- 2022WMP- 12_5	For field Quality Control reviews of transmission climbing inspections, please provide the same data as requested in Question 2.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
6	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	6	CalAdvocate s-PGE- 2022WMP- 12_6	For field Quality Control reviews of transmission drone inspections, please provide the same data as requested in Question 2	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
7	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	7	CalAdvocate s-PGE- 2022WMP- 12_7	For field Quality Control reviews of transmission detailed ground inspections, please provide the same data as requested in Question 2.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
8	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	8	CalAdvocate s-PGE- 2022WMP- 12_8	In response to Data Requiest CallAdvocates-PGE-2022WIM-96, G3Question 4, PG&E stated the PG&E System inspection Quality Control found through Destor, Reviews that 60% of inspections had no mistakes and 13% of inspections resulted in a "Falled Review." Through Field Reviews, Quality Control found that 45% of inspections had no	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
9	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	9	CalAdvocate s-PGE- 2022WMP- 12_9	For Desktop Quality Control reviews of detailed distribution inspections, please provide the same data as requested in Question 2.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
10	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	10	CalAdvocate s-PGE- 2022WMP- 12_10	For Field Quality Control reviews of detailed distribution inspections, please provide the same data as requested in Question 2.	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
11	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	11	CalAdvocate s-PGE- 2022WMP- 12_11	In response to Data Requiset CalAdvocates-PGE-2022WIM-94, Question 2, PG&E stated that "The requested information is provided in PG&E's 2022 WIMP in Section 7.1.F. PG&E is providing attachment "WIMP- Discovery/2022. DR. CalAdvocates (D-04-202Atch) 2rg which has been prepared with the same information in the requested shapefile format." Cal	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.1.F	Wildfire Mitigation Strategy	Wildfire Risk Data
12	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	12	CalAdvocate s-PGE- 2022WMP- 12_12	The file "YMMP section, 71F.gdb" submitted with PG&E's 2022 WMP contains alayer titled "WMP section, 71F Distribution_Wildfur_Risk." This layer has the following attributes: OBJECTID mean_marf_core_risk	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	1		7.1.F	Wildfire Mitigation Strategy	Wildfire Risk Data Updates to grid
13	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	13	CalAdvocate s-PGE- 2022WMP- 12_13	In response to Data Request Cala/dvocates-PGE-2022WMP-04, Question 10, PG&E stated, "At this time, the program cannot forecast with accuracy the split of the 2022 budget forecast into Covered Conductor. Underground, and Line Removal." a) Please explain how PG&E developed the forecast total expenditure of \$819.1	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.3.17.1	Grid Design and System Hardening	topology to minimize risk of ignition in HFTDs, System Hardening, Dietribution
14	CalPA	Set WMP-12	CalAdvocates-PGE- 2022WMP-12	14	CalAdvocate s-PGE- 2022WMP- 12_14	In response to Data Request Calxhdvocates-PGE-2022WMP-08, Question 7, PGGE stated, "We did not change the priority of the corrective notification during the period of February 19, 2020 to June 16, 2021 because none of the inspectors who reviewed this location during this time period recommended a priority change of the corrective notification." With PGGES* 2021 TO Quarterly Inditative Update states the Following regarding 2021	Holly Wehrman Carolyn Chen Layla Labagh	3/3/2022	3/8/2022	3/8/2022	0		7.3.3.12.4	Grid Design and System Hardening	Other corrective action, Maintenance, Distribution
15	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	1	CalAdvocate s-PGE- 2022WMP- 13_1	WMP Initiative 7.3.3.17.4 Updates to grid topology to minimize risk of ignition in HFTDs, Rapid Earth Current Fault Limiter: The current REFCL pilot project at Calistoga experienced unsuccessful technology integration and implementation to date. We have encountered challenase with successfulls uncleasantion than EEFC1 technology. and sanotated.	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	1		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
16	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	2	CalAdvocate s-PGE- 2022WMP- 13_2	a) What is the status of PG&E's REFCL program as of the issuance date of this DR? b) Does PG&E plan to continue the REFCL program? c) if the answer to subpart (b) is "yes", please describe PG&E's current plans (with specific project timelines and milestones) for the REFCL program. PG&E's 2022 WMP states:	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
17	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	3	CalAdvocate s-PGE- 2022WMP- 13_3	POGE 5 2022 YOM'S sistes: Confedence for this initiative and will not provide While we have not lost speciation (i.e., we are all tiding he work as part of our owners) given. We do not currently plan to install any additional REFCL systems at this time. POGE plans to repair and rebuild the REFCL, installation at the confedence of the policy of the policy of the policy of the policy of the Collisions in complete additional nick availuation. If the additional nick is POGE'S 2022 WHM States:	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
18	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	4	CalAdvocate s-PGE- 2022WMP- 13_4	The Calistoga REFCL plot project finished construction in 2020. In 2021, PO&E attempted to commission and test the REFCL technology in Calistoga. PO&E completed an elevated voltage sitess test and one field ground fault test which demonstrated that REFCL technology can be effective at reducing fault PO&ES 2022 VMW \$6855.	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
19	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	5	CalAdvocate s-PGE- 2022WMP- 13_5	After the initial positive tests, the Calatoga REFCL plot demonstration was stalled due to the failure of the substation REFCL qualiforms. In addition, PGSE had difficulty obtaining replacement equipment from various overseas supplies due to supply shall be used and the organic COVID-19 pandemic at please, describe the against of the "failure of the substation REFCL" and all how effective is REFCL compared to covered conductor installation in	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
20	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	6	CalAdvocate s-PGE- 2022WMP- 13_6	reducing wildfire risks? b) Please provide any available supporting documentation regarding your response to subpart (a) above. c) How effective is REFCL compared to undergrounding in reducing wildfire PPSSE'S 2022 WMNP states:	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
21	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	7	CalAdvocate s-PGE- 2022WMP- 13_7	REFCI. technology could not be fully evaluated beyond the initial testing because of the equipment failure and supply chain issues. As a result, PG&E is looking to further study REFCI. capabilities after obtaining replacement supplies and making repairs and modification at the Calistopa site in 2022 . SUMPAIN close DCSE exercise to obtain these inclinations continues? PG&ES 2022 WMP provides the following for "Lessons Learned" from the	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
22	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	8	CalAdvocate s-PGE- 2022WMP- 13_8	REFCI: Initiative in 2021: - PG&E should use gang operated switchgear and protective devices instead of single pole operated devices for REFCI: installations. - PG&E should consider the use of domestically available equipment for future DEFCI: installation a value of domestically available equipment for future DEFCI: installation a value of domestically available equipment for future DEAE's 18th 29th 2023 General Ratle Case restmonty. Exhibit PG&E-4, states	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
23	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	9	CalAdvocate s-PGE- 2022WMP- 13_9	the following regarding the REFCL program: Based on our infull esting and the successful implementation in Australia, PG&E has developed a short-term strategy to install REFCLs in HFTD areas, PG&E forecasts deploying REFCLs at an additional two substations each year, but these class could change apoding clipt usually and integration with other Regarding these two 2022 VMPD initiallyses:	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
24	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	10	CalAdvocate s-PGE- 2022WMP- 13_10	7.3.3.17.4 — Updates to grid topology to minimize risk of ignition in HFTDs, Rapid Earth Current Fault Limiter 11 7.3.6.8 — Protective Equipment and Device Settings* 12 Please explain: 3.1.6.4.2.4.2.4.2.4.2.4.2.4.2.4.2.4.2.4.2.4	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	0		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
25	CalPA	Set WMP-13	CalAdvocates-PGE- 2022WMP-13	11	CalAdvocate s-PGE- 2022WMP- 13_11	provide a Risk Spend Efficiency (RSE) score for 2022 WMP Initiative 7.3.3.17.4—Updates to grid topology to minimize risk of ignition in HFTDs, Rapid Earth Current Fault Limiter. 3) Please explain why PG&E is not providing RSE information for this initiative in the 2022 WMD or collegant suncording attachments.	Miles Gordon Holly Wehrman Carolyn Chen Layla Labagh	3/4/2022	3/9/2022	3/9/2022	1		7.3.3.17.4	Grid Design and System Hardening	Rapid Earth Current Fault Limiter
26	OEIS	Set 003	OEIS-PG&E-22- 003	1	OEIS-PG&E- 22-003_1	Considering Maturity Model Survey question E.IV.h, how would PG&E answer this modified version? Does the utility work with landowners to provide a use(s) for vegetation cut on the landowner's property? (Y/N)	Kevin Miller	3/4/2022	3/10/2022	3/10/2022	0		7.3.5	Vegetation Management (VM) and Inspections	Vegetation grow-in mitigation
27	OEIS	Set 003	OEIS-PG&E-22- 003	2	OEIS-PG&E- 22-003_2	Considering Maturity Model Survey question E.V.f. how would PG&E answer this modified version? Does the utility work with landowners to provide a use(s) for vegetation cut on the landowner's property? (YIN) From the Maturity Survey, in Category E. (Vegetation Management) it is	Kevin Miller	3/4/2022	3/10/2022	3/10/2022	0		7.3.5	Vegetation Management (VM) and Inspections	Vegetation fall-in mitigation
28	OEIS	Set 003	OEIS-PG&E-22- 003	3	OEIS-PG&E- 22-003_3	apparent that PG&E is building a granular, frequently updated inventory (Capability 21) and moving towards using 'predictive modeling of vegetation growth' to schedule vegetation inspections (E.I.D.) However, PG&E still (and will be of Leg. 1, 2022) cebedule \(\)	Kevin Miller	3/4/2022	3/10/2022	3/10/2022	0		7.3.5	Vegetation Management (VM) and Inspections	Vegetation inspection effectiveness

29	OEIS	Set 003	OEIS-PG&E-22- 003	4	OEIS-PG&E- 22-003_4	Concerning Maturity Survey question E.IV.c., why is PFG&E not using signition and propagation risk modeling to guide clearances around lines and equipment? a)How does and will PG&E's ignition and propagation risk modeling guide clearances?	Kevin Miller	3/4/2022	3/10/2022	3/10/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Vegetation grow-in mitigation
30	OEIS	Set 003	OEIS-PG&E-22- 003	5	OEIS-PG&E- 22-003_5	hadanese Dest OEIs-PG&E-22-002, Energy Safety asked PG&E to answer 41 2022 Maturity Survey questions it said it benchmarked through consultation with other utilities in 2025 by the same standard of interpretation it used to answer the same 41 questions in 2021 and 2020. In its response, PG&E	Kevin Miller	3/4/2022	3/10/2022	3/10/2022	0	N/A	Miscellaneous	Maturity Survey
31	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	1	CalAdvocate s-PGE- 2022WMP- 14_1	of how 4% of PYSEPS 9079 WMP (506 or \$3.5 mining from the absence many stakes POSE to complete a system hardening project that spans 1.5 miles. a)Please provide a list of all types of system hardening projects that are included in this bubbie's data. b)Please provide a separate table highlighting the average time frame to complete account of the provided provided that the provided as a period to the provided as a possible to the provided as a possibl	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.3	Grid Design and System Hardening	Covered Conductor Installation
32	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	2	CalAdvocate s-PGE- 2022WMP- 14_2	conclusion of the control of the con	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.3	Grid Design and System Hardening	Covered Conductor Installation
33	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	3	CalAdvocate s-PGE- 2022WMP- 14_3	and completed repairs or replacements of approximately 10,946 deteriorated crossarms." a)Please provide a .gdb spatial file showing where PG&E completed repairs of the deteriorated crossarms noted above. Diblease months a .gdb. spatial file showing where PG&E completed.	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	1	7.3.3.5	Grid Design and System Hardening	Crossarm Maintenance, Repair and Replacement
34	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	4	CalAdvocate s-PGE- 2022WMP- 14_4	On Pg. 445 of PG&E's 2022 WMP. PG&Es tastes, "In 2021, PG&E replaced 16,359 poles and reinforced 3.017 poles." a)Pisase provide a .gdb spatial file showing where PG&E replaced poles. b)Pisase provide a .gdb spatial file showing where PG&E reinforced poles. DP Rg. 451 of PG&E's 2022 WMP. PG&E states, "Recently, moisture intrusion."	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	1	7.3.3.6	Grid Design and System Hardening	Distribution Pole Replacement
35	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	5	CalAdvocate s-PGE- 2022WMP- 14_5	Of 19, 45 to 19-06s 2 2022 where 7-965 states, Receiver, indisate in the same share been identified in some of the Viper branded reclosers that have been installed on the POSE system. After significant rains in the fail of 2021, this issue, which impacts the functionality but not the safety of these devices, was identified in several locations. On 19, 452 of 1958 2 2022 WMEP, POSES states, we achieved our 2021.	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.8.1	Grid Design and System Hardening	Distribution Line Sectionalizing
36	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	6	CalAdvocate s-PGE- 2022WMP- 14_6	On Fig. 42.0 of 10das 2.022 Vinitr., "Necessional States Week and Indiana 29 switches by September 1, 2021. In addition, we installed 12 T-Line SCADA switches benefiting PSPS operations after September 1, 2021, for a 2021 total of 41 point location data (in, gdb formal) showing where 1, 2021 of 2021 total of 41 point location data (in, gdb formal) showing where 2021 total control of 42 point location data (in, gdb formal) showing where 2021 total control of 42 point locations in 2021 to 2021 total control of 42 point locations in 2021 to 2021 total control of 42 point locations in 2021 to 2021 total control of 42 point locations in 2021 to 2021 total control of 42 point locations in 2021 total control of 42 point loc	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	2	7.3.3.8.2	Grid Design and System Hardening	Transmission Line Sectionalizing
37	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	7	CalAdvocate s-PGE- 2022WMP- 14_7	Only 14.0. 221, none to be substations where generation was staged were utilized in a 221 PSP season. 3)What lesson at it is a season. 4)What lesson at it is a season. 4)What lesson at it is a season. 4)What lesson at it is a season. 5)What lesson at it is a season. 6)What lesson at it is a season. 6)Wha	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.11.1	Grid Design and System Hardening	Generation for PSPS Migitation
38	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	8	CalAdvocate s-PGE- 2022WMP- 14_8	this work in 2021. Contracts took longer than expected and the new vendor had to complete an extensive pilot to establish a solid foundation based on high quality pole loading calculations. a)Please describe why POSE switched vendors for this work in 2021. (a)Please describe why POSE switched vendors for this work in 2021. (b) Please of Vendors and	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	2	7.3.3.13	Grid Design and System Hardening	Pole Loading Infrastructure Hardening and Replacement
39	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	9	CalAdvocate s-PGE- 2022WMP- 14_9	miles of transmission system hardening in 2022 a) please disaggregate these circuit-miles of transmission hardening into the following types: bare-wire overhead hardening, conductor removal, other. b) Please state how many total circuit-miles of transmission system hardening out rules in compete in 2022 evolution the sport hard security of the competency of the competen	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.17.2	Grid Design and System Hardening	System Hardening - Transmission
40	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	10	CalAdvocate s-PGE- 2022WMP- 14_10	Systems (SPS), PG&E states, "The program expects to grow from 1 SPS unit deployed in 2021 to 2 SPS units deployed in 2022 and on towards approximately 15 projects in 2023, followed by additional growth in the overall number of systems deployed annually in 2024-2025." In 1997 (SPE) and 1997 (SPE) (SP	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.17.5	Grid Design and System Hardening	Remote Grid
41	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	11	CalAdvocate s-PGE- 2022WMP- 14_11	miles "circuit miles" and 'underground miles", a)Please define each of these terms, b)How does each term differ from one another? c)Please provide a conversion between these units of measure for a 1-phase principal file. Vision-b miles a vicinal miles a vision-browned miles a On Pg. 557 of PGSE's 2022 VMPP, PGSE's 302; VMPP, PGSE	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.17.6	Grid Design and System Hardening	Butte County Rebuild Program
42	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	12	CalAdvocate s-PGE- 2022WMP- 14_12	small volume (approximately 1.4 circuit miles) of previously hardened overhead lines that were placed underground.* a)How many circuit-miles total (including non-Buttle rebuild miles) were previously hardened overhead and were placed underground in 2020?	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	0	7.3.3.17.6	Grid Design and System Hardening	Butte County Rebuild Program
43	CalPA	Set WMP-14	CalAdvocates-PGE- 2022WMP-14	13	CalAdvocate s-PGE- 2022WMP- 14_13	PG&E provided its 2021 system hardening workplan, updated with the actual work performed in 2021. This workplan lists the circuit name associated with each system hardening or workplan lists the circuit protection zone. Please provide an updated or the control of the control	Dillon Copa Holly Wehrman Carolyn Chen Layla Labagh	3/10/2022	3/15/2022	3/15/2022	1	7.3.3.17	Grid Design and System Hardening	System Hardening
44	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	1	CalAdvocate s-PGE- 2022WMP- 15_1	Questions 1.3, are summarized in the following table: Tree Attachments Existing as 0.21/1.022 Tree Attachments Remediated in 2021 Tree Attachments to be removed in 2022 LETU. a) Does POSE Consider tree attachments to be a significant widther risk factor?	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.3	Grid Design and System Hardening	Tree Attachments
45	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	2	CalAdvocate s-PGE- 2022WMP- 15_2	Please explain your answer. b) Does PGAE analyze and track whether ignitions or other adverse outcomes are caused by tree attachments? c) Has PGAE identified and ignitions in the past five years that were caused by in response to DSaE Acquised CAMPATOMERS. PGEZ-2022WMP-10; Question 9, in response to DSaE Acquised CAMPATOMERS-PGEZ-2022WMP-10; Question 9,	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.3	Grid Design and System Hardening	Tree Attachments
46	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	3	CalAdvocate s-PGE- 2022WMP- 15_3	PGSE provided its Quality Reviews of the potential exceptions identified in the Federal Monitor Report from November 19, 2021. Per the file "MMP-Discovery/2022_DR_Calk4hocates, 0.10-0.09Atch1/1.xisx" PGSE agrees with the Federal Monitor (column J) in 1.576 findings, 0.1 those 1.576.coses that OP_Extins (column N) is 7MA* for 1.036 fordings. In response to Data Request CSARA/docates-PGE-2022/WMP-10, Question 9,	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.4.14	Asset Management and Inspections	Quality Assurance/Quality Control of Inspections
47	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	4	CalAdvocate s-PGE- 2022WMP- 15_4	PGSE provided its Quality Reviews of the potential exceptions identified in the Federal Monitor Report from November 19, 2021. Per the file "WMP-Discovery2022_DR_Cald-divocates, 010-Qo9Atch0z.visx" PGSE agrees with the Federal Monitor (column K) in 638 findings. Of those 636 findings, big. C. Besigns, Action Column, O. Int. WIAL* for 6.18. Page 129 OF PGSES 2022 VMM Patters the Tolkovings:	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.4.14	Asset Management and Inspections	Quality Assurance/Quality Control of Inspections
48	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	5	CalAdvocate s-PGE- 2022WMP- 15_5	Finally, it is important to note that in this 2022 WMP, the model that is used for the development of workplans for the distribution system is the 2021 WDRM v2 which is described above and in the 2021 WMP. As described in (9) below, the 2022 WDRM v3 is still being reviewed prior to approval. Since workplans for the 2022 WDRM v3 is still being reviewed prior to approval. Since workplans for the 2022 WDRM v3 data Request Caddwocales PME-2022WMPM-04, Clester 08.	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
49	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	6	CalAdvocate s-PGE- 2022WMP- 15_6	PG&E provided its distribution system hardening workplan for 2022. Column P of attachment "WMP-Discovergo/222. PR. Cald/Aordease god-0.06Atch01 s.sc* lists the risk ranking of each CPZ where PG&E plans to perform system hardening work. Blease provide are undafed rows of this workplan with an additional column. Plage 140 of P6AE's 2022 VMP states the following.	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.3.17.1	Grid Design and System Hardening	System Hardening - Distribution
50	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	7	CalAdvocate s-PGE- 2022WMP- 15_7	To avoid exposing the model to misleading data, the training events are restricted to June through November. This does not require the assumption that no wildlines are possible in other months, but only that any ignitions and wildlines that do occur would have the same relationship with the model coastidate as the possible model is streadly trained or Page 145 of PGARE 2 1022 VMMP states. "As of the state of the 2022 VMMP	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
51	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	8	CalAdvocate s-PGE- 2022WMP- 15_8	submission, E3's review of 2022 WDRM v3 and WFC Model has not been completed." a) When does PG&E expect this review to be complete? b) Please provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is complete. Local when it is complete. The page 145 or PG&E's 2022 WDMP states, "As of the state of the 2022 WMP.	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
51	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	8	CalAdvocate s-PGE- 2022WMP- 15_8	submission, E3's review of 2022 WDRM v3 and WFC Model has not been completed." a) When does PG&E expect this review to be complete? b) Please provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is complete. In response to remedy PG&E-21-13 on page 216 of PG&E's 2022 WMP.	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	6/2/2022	1	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
52	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	9	CalAdvocate s-PGE- 2022WMP- 15_9	Product releas to the Progress Report is little of revolution (1, 2021.) Age 39 of this Progress Report states the following with respect development of the system hardening workplan: In addition, for some CP2s, afthough the CP2 is not itself the highest risk ranked CP2 performion system hardening work may allow us to milliosite future.	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	4.6	Progress Reporting on Key Areas of Improvement	Progress on Twenty- Nine Remedies
53	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	10	CalAdvocate s-PGE- 2022WMP- 15_10	Page 316 of PG&E's 2022 WMP states, "In 2021, PG&E implemented a program to proactively reduce the backlog of EC tags generated during the enhanced system inspections performed in recent years." Please describe this program. PG&E's response to data request CalAdvocates-PGE-2022WMP-09, Question	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.1.B	Wildfire Mitigation Strategy	Risk Modeling Outcomes in Decision-Making and Mitigations
54	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	11	CalAdvocate s-PGE- 2022WMP- 15_11	1, shows three open Priority A corrective notifications on PGAE's distribution system in HFTD with "Authorized End Dates' earlier than February 1, 2022. a) Why hasn't PGAE' resolved these notifications yet? b) With als PGAE's surveitable to resolve these notifications? PGAE's response to data requests CAGAVocates-PGE-2022WMP-09, Question	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.4	Asset Management and Inspections	Additional Detail - Distribution
55	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	12	CalAdvocate s-PGE- 2022WMP- 15_12	1, shows 785 open Priority B corrective notifications on PG&E's distribution system in HETD with "authorized End otless" earlier than February 1, 2022. a) Why hasn't PG&E resolved these notifications yet? b) What is PG&E's timetable to resolve these notifications? PG&E's response to data request CfaAdvocates-PGE-2022WMP-09, Question	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/18/2022	3/18/2022	0	7.3.4	Asset Management and Inspections	Additional Detail - Distribution
56	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	13	CalAdvocate s-PGE- 2022WMP- 15_13	1. shows 111.502 open corrective notifications on PG&E's distribution system in HTD with "Authorized End Dates' earlier than Febhauay 1, 2022 (that is, overdue notifications). Call Advocates understands that the majority of these were opened in 2019 and later years as a result of enhanced inspections. Vear corrective notification onesed.	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/18/2022	3/18/2022	0	7.3.4	Asset Management and Inspections	Additional Detail - Distribution

	57	CalPA	Set WMP-15		. 14	s-PGE- 2022WMP-	a) Does PG&E regularly monitor how many overdue, unresolved corrective notifications it has? b) Does PG&E take any special action when a corrective notification is years.	Carolyn Chen	3/11/2022	3/16/2022	3/16/2022	0	7.3.4		Additional Detail
	58	CalPA	Set WMP-15	CalAdvocates-PGE- 2022WMP-15	15	s-PGE- 2022WMP-	PG&E's non-spatial data tables included in 2022-02-25_PGE_2022_WMP- Update_RO_Section 7.3.a, Atch01.xisx do not appear to follow the template included in Energy Safety's Final 2022 Wildfire Mitigation Plan (WMP) Update Guidelines, Attachment 3.	Carolyn Chen	3/11/2022	3/16/2022	3/16/2022	0	7.3.a		Financial Data on Mitigation Activities
No.	59	CalPA	Set WMP-15		16	CalAdvocate s-PGE- 2022WMP-	Table 12 of PG&E's non-spatial data tables appears to aggregate routine wegetation management and Enhanced Vegetation Management (EVM) under initiative "7.3.5.2 Detailed inspections and management practices for vegetation clearances around distribution electrical lines and equipment." Previously, EVM	Carolyn Chen	3/11/2022	3/18/2022	3/18/2022	0	7.3.5	Management (VM)	Program Costing
Mary	60	OEIS	Set 004		1	OEIS-PG&E-	Please provide disaggregated costs for initiative 7.3.5.2 with separate numbers. Please provide the Model Documentation and User Guide or available technical paper for each of the following from Table 9.5-1 Glossary of Primary Models (p. 1038):	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	2	4.5	Calculation	(FPI) Model / PSPS
No.	61	OEIS	Set 004	OEIS-PG&E-22-	2	OEIS-PG&E-	N. Bublic Safety, Davier Stuteff (ISBS) Connections Model While PG&E provided underground dirout miles in the nonspatial tables. Underground circuit miles were obtained from the GIS submission.	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	1	7.3.a	Detailed Wildfire	Financial Data on
	62	OEIS	Set 004	OEIS-PG&E-22-	3	OEIS-PG&E-	Risk mapping and simulation a) Section 7.3.2 – Risk assessment and mapping, and Section 9.1 – Risk mapping and simulation a) Section 7.3.2 of the 2022 Guidelines requires the inclusion of a "climate-	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	0	7.3.1	Risk Assessment	
	63	OEIS	Set 004	OEIS-PG&E-22-	4	OEIS-PG&E-	relevant many within the report or anneadlines for guern risk assessment and Howhas PGRE changed its mitigation plans to address lessons learned from past catastrophic free? a) Include page numbers in the 2022, 2021, or 2020 WMP for discussion of	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	0	4.2	Lessons Learned	Wildfire
	64	OEIS	Set 004	OEIS-PG&E-22- 004	marked as	OEIS-PG&E- 22-004 5	19.04.7 Boltoned Eiro Atlan Eiro Coscodo Eiro Redwood Eiro and Muno Eiro Regarding 1able 7.1: a) Provide the number of events broken down by equipment type that fall in the 'Other' category in Rows 20, 39, 65, and 91.	Kevin Miller	3/11/2022	3/17/2022	3/17/2022	0	7.3.a		
	65	OEIS	Set 004	OEIS-PG&E-22-	6 (incorrectly marked as	marked as 4) OEIS-PG&E- 22-004_6 (incorrectly	https://doi.org/10.2022/2. Regarding 1able 7.2: a) Why is PG&E expecting an increase in ignitions for the following from 2022 to 2023?:	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	0	7.3.a	Detailed Wildfire	Financial Data on
Part	66	CalPA	Set WMP-16	CalAdvocates-PGE-		CalAdvocate s-PGE-	Page 631 of PG&E's 2022 WMP states, "Pacific Gas and Electric Company (PG&E) works to inform customers, landowners, and communities about VM		3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Manage Community
						16_1 CalAdvocate	communicate to the nublic? Page 632 of PG&E's 2022 WMP states, "PG&E has finished the development of our new process to standardize and enhance customer and community	,						Vegetation	Impacts Additional Efforts to
	67	CalPA	Set WMP-16		2	2022WMP- 16_2	a)Please provide further information on the new process referred to above. b)What process was in place prior to the new process referred to above? \[NHow to the new and provides processes differ \) \[\text{Plage 637 of PG&E's 2022 WMIP states, "As of December 31, 2021, PG&E's \]		3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM) and Inspections	and Environmental Impacts Detailed Inspections
	68	CalPA	Set WMP-16	CalAdvocates-PGE- 2022WMP-16	3	s-PGE- 2022WMP-	trees in our Routine VM program and 34,189 trees in our Tree Mortality program. In addition, we completed 1,983 miles of EVM work." a)Please provide total miles completed in PG&E's Routine VM program in	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	Practices for Vegetation Clearances Around
	69	CalPA	Set WMP-16	CalAdvocates-PGE- 2022WMP-16	4	s-PGE- 2022WMP-	transition the maintenance of EVM work that has already been performed to Routine VM patrols." a)How did PG&E come to the decision to begin to transition the maintenance	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	and Management Practices for Vegetation
	70	CalPA	Set WMP-16		. 5	CalAdvocate s-PGE- 2022WMP-	hiblease describe how PC&E is transitioning the maintenence of EVML work to Page 645 or P&E's 2022 WMP States, "Vegetation identified as pending Priority 2 work within the Red Flag Warning (RFW) area will be reviewed and re- prioritized if determined necessary by the local PG&E VM Point of Contact." alPlease describe the stops PG&E takes to review and re-prioritize vegetation	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	Response Vegetation Management Due to
Part	71	CalPA	Set WMP-16	CalAdvocates-PGE-	. 6	CalAdvocate s-PGE-	hi/th owerane how long does it take PC&E to review and reundritize such Section 7.3.5.7 of PG&E's 2022 WMP discuss remote sensing inspections of vegetation around distribution electric lines and equipment. a)Please describe the circumstances in which PG&E employs ground-based	Dillon Copa	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation	Remote Sensing Inspections of Vegetation Around
						16_6	b)Please describe the circumstances in which PG&E employs aerial LiDAR inspections								Lines and Equipment Remote Sensing Inspections of
Part	72	CalPA	Set WMP-16		7	2022WMP- 16_7	a)Adding a column for planned mileage of aerial LiDAR. b)Adding a row with data on actual mileage completed in 2021. Section 7.3.5.8 of PG&E's 2022 WMP discuss remote sensing inspections of	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	Distribution Electric Lines and Foundament Remote Sensing
Part	73	CalPA	Set WMP-16		. 8	s-PGE- 2022WMP-	a)Please describe the circumstances in which PG&E employs ground-based LIDAR inspections. b)Please describe the circumstances in which PG&E employs aerial LIDAR	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	Vegetation Around Transmission Electric Lines and
Angle	74	CalPA	Set WMP-16	CalAdvocates-PGE- 2022WMP-16	9	s-PGE- 2022WMP-	please provide a table equivalent to Table 7.3.5-2, with the additions specified	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	Inspections of Vegetation Around Transmission
Company Comp	75	CalPA	Set WMP-16		10	s-PGE- 2022WMP-	7.3.5.3. a)Please explain why section 7.3.5.2 entails CAPEX and OPEX spending as opposed to only OPEX spending for 7.3.5.3.	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	VM Spend
California Cal	76	CalPA	Set WMP-16		11	CalAdvocate s-PGE- 2022WMP-	7 3 5 7 100 March 2, 2022, PG&E presented its "2023 General Rate Case Wildfire Supplemental Testimony Overview." Slide 17 of this presentation includes the following chart, which appears to show a significant decrease in planned EVM spending from 2022 to 2023.	Dillon Copa Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Management (VM)	EVM Spend
16, 12 Please acyclin the reason for the decreases in the millarge target for this Comment	77	CalPA	Set WMP-16		. 12	CalAdvocate s-PGE-	2003. as indicated in this chart? Table 5.3-1 on page 271 of PG&E's Revised 2021 WMP, June 3, 2021, showed a mileage target of 111 miles for initiative 7.3.3.17.2 "System Hardening – Transmission Conductor." Table PG&E-5.3-1(A) on page 267 of	Carloyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.3		System Hardening – Transmission
Proceedings Processes Pr	78	OEIS	Set 005	OEIS-PG&E-22-	1	OEIS-PG&E-	Please explain the reason for the decrease in the mileage target for this initiative_compared to last wear's forecast Q01. Provide and describe the "EPSS Reliability Impact analysis" as mentioned	, ,	3/18/2022	3/23/2022	3/23/2022	1	7.3.3	Grid Design and	
Delication Del	79	OEIS	Set 005	OEIS-PG&E-22-	2	OEIS-PG&E-	Q02. How many poles in PG&E's territory are subject to PRC 4292? a) How many of these poles does PG&E intend to inspect and work (as	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	PRC 4292
Section Cells PGAE 22 005 Cells PGAE 22 005 005 Cells PGAE 22 005 005 005 Cells PGAE 22 005	80	OEIS	Set 005	OEIS-PG&E-22-	3	OEIS-PG&E-	Q03. PG&E noted during the workshop that it has hired pre-inspectors as union employees. a) What percentage of pre-inspectors are contractors and what percentage are	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Contractor/Employee
Set OEIS Set	80	OEIS	Set 005	OEIS-PG&E-22-	3 REV	OEIS-PG&E- 22-005 3	D. Bot Bot E found a difference in nadominance between contractor and BOSE QUO. PG&E noted during the workshop that it has hired pre-inspectors as union employees. a) What percentage of pre-inspectors are contractors and what percentage are	Kevin Miller	3/18/2022	4/1/2022	4/1/2022	0	7.3.5	Vegetation Management (VM)	Contractor/Employee
Auto-	81	OEIS	Set 005		4	OEIS-PG&E-	CUC-POSE fee CACIFFEED TO RESERVE AND A SECURITY OF THE CACIFFEED TO RESERVE AS A SECURITY OF THE CACIFFEED TO RES	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	7.3.5	Vegetation Management (VM)	Assurance/Quality Control of Vegetation
Additional Detail Colin Port Colin Por	82	OEIS	Set 005		5		h) Percentage of (a) which required remediation (e.g., re-inspection, additional QUS. According to Section 7.3.5.13, out of the 7 QA/QV programs PG&E describes, 4 programs fell short of targets. PG&E cites various reasons for the shortfall including resource constraints. How is PG&E:	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Quality Assurance/Quality Control of Vegetation
Model Set 005 CEIS-PG&E-22 005 005 CEIS-PG&E-22 005 005 CEIS-PG&E-22 005	83	OEIS	Set 005		6		Null invities the results of the res	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Quality Assurance/Quality Control of Vegetation
Set OEIS Set OS OEIS-PG&E-22 OS OEIS-PG&E-22 OS OEIS-PG&E-22 OS OEIS-PG&E-22 OS OEIS-PG&E-22 OS OEIS-PG&E-22 OEIS-PG&E-22 OS OEIS-PG&E-22 OEIS-P	84	OEIS	Set 005	OEIS-PG&E-22- 005	7		event that resulted in a massive level of damages that severely impacted restoration." a) Explain the types of damage.	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	8	PSPS	
Set OEIS Set OS OEIS PGAE-22 OEIS-PGAE-22 OEIS-PGAE-23 OEIS-PGAE-23 OEIS-PGAE-23 OEIS-PGAE-23 OEIS-PGAE-24 OEIS-PGAE-24 OEIS-PGAE-24 OEIS-PGAE-24 OEIS-PGAE-24 OEIS-PGAE-24 OEIS-PGAE-25 OEIS-PGA	85	OEIS	Set 005	OEIS-PG&E-22- 005	8		p. 866 PG&E indicates "external communications and customer notification processes showed large improvements in 2021. PG&E will continue to work on this as an area for further improvement in 2022, focusing on decreasing the	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	8	PSPS	Additional Detail
OEIS PG&E-22- 005 Set 005 Set 005 OEIS-PG&E-22- 005 10 OEIS-PG&E-22- 005	86	OEIS	Set 005		9		due to wildfire mitigation activities (total) is markedly higher than the ratepayer impact provided by PG&E's direct utility peers: - 2021 for PG&E \$11.63, SCE \$1.60, and SDG&E \$0.00	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	3.2		VM Spend
	87	OEIS	Set 005		10		areas in its service area led to a significant reduction in ignitions. After reviewing the ignition data submitted by PG&E, the basis of this claim is unclear (i.e., the total ignitions and annual ignitions normalized by environmental conditions were	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	7.3.6.8	EPSS	Ignition Trends

1															
March Marc	88	CalPA	Set WMP-17		1	s-PGE- 2022WMP-	2021: \$18.2 million (actual) 2022: \$142.6 million (projected) 2023: \$140.5 million (projected)	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	EPSS Spend
1.	89	CalPA	Set WMP-17		2	s-PGE- 2022WMP-	currentlyforecast to occur in 2022. Provide a range if a specific estimate is not available. b) Please provide an estimate for the average duration of EPSS-related outages	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	EPSS-related outages
1	90	CalPA	Set WMP-17		3	s-PGE- 2022WMP-	line rapidly upon detecting a fault. SCE's program is referred to here as "Fast Curve." SDG&E's program is referred to here as "Sensitive relay settings." a) When did PG&E first become aware of SCE's fast curve settings? b) When did PG&E first become aware of SDG&E's sensitive relay settings?	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	Device settings
March Marc	91	CalPA	Set WMP-17		4	s-PGE- 2022WMP-	a) Has PG&E engaged in benchmarking, data-sharing, or other collaboration with SCE with regards to PG&E's EPSS program? b) If the answers to parts (a) is yes, please describe the collaboration(s).	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	Benchmarking
Column	92	CalPA	Set WMP-17		5	s-PGE- 2022WMP-	with SDG&E with regards to PG&E's EPSS program? b) If the answers to parts (a) is yes, please describe the collaboration(s).	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	Benchmarking
Column	93	CalPA	Set WMP-17		6	s-PGE- 2022WMP-	site of an overhead system hardening project. Diamond Springs 1107. At this site, Call Advocates discussed the institation of covered conductor with PGGE staff. Call Advocates was informed that, for this project, wider crossams were being installed to minimize line slap of the heavier covered conductor. a) is the above understanding correct with regard to the installation of vider crossams in this projectal presides regarding installation or replacement of the project provides regarding installation or replacement of covered conductor? 3.0 PGGES is granted design and construction standards the place of the project provides regarding installation or replacement of different crossams widths on poles that carry covered conductors than poles that carry bear conductors, for circuits of similar voltage?	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.3.3	Grid Design and System Hardening	Installation
Column	94	CalPA	Set WMP-17		7	s-PGE- 2022WMP-	site of an overhead system hardening project, Diamond Springs 1107. At this site, Cal Advocates discussed the installation of covered conductor with PG&E staff. Cal Advocates was informed that, for this project, new poles with intumescent wrap were being installed.	Carolyn Chen	3/21/2022	3/25/2022	3/25/2022	0	7.3.3.6		Replacement and Reinforcement, Including with
Barrier Company Comp	94	CalPA	Set WMP-17	CalAdvocates-PGE- 2022WMP-17	7 SUPP	s-PGE- 2022WMP-	site of an overhead system hardening project, Diamond Springs 1107. At this site, Cal Advocates discussed the installation of covered conductor with PG&E staff. Cal Advocates was informed that, for this project, new poles with intumescent wap were being installed.	Carolyn Chen	3/21/2022	4/1/2022	4/1/2022	0	7.3.3.6		Replacement and Reinforcement, Including with
Company	95	CalPA	Set WMP-17		8	s-PGE- 2022WMP-	Update_R0_Section 4.6_Atch01.pdf* contain the joint response by PG&E, SCE, and SDG&E to the issue identified by Energy Safety titled "Limited evidence to support the effectiveness of covered conductor." Page 52 of this document states, with regard to risk event mitigation, "In	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	4.6	on Key Areas of	Additional Detail
Column	96	CalPA	Set WMP-17		9	s-PGE- 2022WMP-	a) What is the average trench depth PG&E employs in undergrounding projects? b) Has PG&E examined the potential benefits or drawbacks of shallower trenches? c) Please explain your response to part (b).	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.3.16		Undergrounding
Capt	97	CalPA	Set WMP-17		10	s-PGE- 2022WMP-	completed during the period of January 1, 2020, through March 1, 2022. For each project, please provide the following information (as columns): a) Project ID number or other identifier5 b) Circuit ID	Carolyn Chen	3/21/2022	3/29/2022	3/29/2022	2	7.3.3.16		Undergrounding
Copple	98	CalPA	Set WMP-17		11	s-PGE- 2022WMP-	undergrounding project completed during the period of January 1, 2020, through March 1, 2022. In addition to the spatial location, please provide the following atthibutes for each project: a) Project ID number or other identifier, matching part (a) of Question 10	Carolyn Chen	3/21/2022	3/29/2022	3/29/2022	1	7.3.3.16	Grid Design and System Hardening	Undergrounding
December Company Com	99	CalPA	Set WMP-17	CalAdvocates-PGE- 2022WMP-17	12	s-PGE- 2022WMP-	complete detailed ground inspections on a minimum of 396,000 distribution poles. In 2021, PG&E targeted completing inspections on 477,309 distribution poles, and completed inspections on 480,749 distribution poles. Please state the basis for the reduction in planned distribution inspections in	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.4		of Distribution Electric Lines and
Company Comp	100	CalPA	Set WMP-17		13	s-PGE- 2022WMP-	Per the table on page 270 of PG&E's 2022 WMP, in 2021 PG&E completed detailed distribution inspecitions on all assets in HFTD Tier 3 and Zone 1, and approximately on-third of assets in HFTD Tier 2. Please describe any changes to the above strategy for PG&E's detailed distribution inspections in 2022.	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.4.14	Asset Management and Inspections	Assurance/Quality Control of
Column	101	CalPA	Set WMP-17	CalAdvocates-PGE- 2022WMP-17	14	s-PGE- 2022WMP-	conducted based on "random selection," "targeted," or "probable cause." Random selection is described as "Determine the inspectors to evaluate using a simple random process methodology." Cal Advocates understands the above to mean that Desktop QC will perform	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.4.14		Assurance/Quality Control of
CSE PCAE_22 CSE	102	CalPA	Set WMP-17		15	s-PGE- 2022WMP-	7.3.4.14 "Quality assurance/quality control of inspections" is as follows: 2021: \$27.3 million (actual) 2022: \$6.0 million (projected) a) Please state the basis for the reduction in forecasted operating expenditures	Carolyn Chen	3/21/2022	3/24/2022	3/24/2022	0	7.3.4.1	Asset Management and Inspections	Assurance/Quality Control of
Description Colora Color	103	OEIS	Set 006		1	OEIS-PG&E- 22-006_1	PG&E, provided the below spreadsheet, an Excel table of all transmission circuits existing as of January 1, 2022. Energy Safety requests the below document and will adhere to established confidentiality requirements agreed to	Kevin Miller	3/22/2022	3/25/2022	3/25/2022	1	N/A	Miscellaneous	Additional Detail
Possible provides of 15 feet binding at EPPS outsigner and including an attribution about 1 plant of 4 GRAP.	104	OEIS	Set 006		2	22-006_2	appears incomplete, as it does not show all circuits listed in Section 8.6, Table 8.6-1 as presented in the guidelines, to address Public Utilities Code Section 8386(c)(8) requiring the "Identification of circuits that have frequently been de-	Kevin Miller	3/22/2022	3/25/2022	3/25/2022	2	8.6	PSPS	Frequently De-
MGRA 2 ModRA Data 2 Request No. 2 1 Request No. 2 2 Request No. 2 3 Request No. 2	105	MGRA	2		1		Please provide a GIS file showing all EPSS outages and including an attribute for determined cause.		3/23/2022	3/28/2022	3/28/2022	1	N/A	EPSS	Outage History
107 MGRA 2 Robert No. 2 5 Robert St. 0 2 Robert St. 0 Robert	106	MGRA	2		2	Request No.			3/23/2022	3/28/2022	3/28/2022	0	N/A	EPSS	Ignition Trends
MGRA 2 MGRA Data Request No. 2 4 Request No. 2 4 Request No. 2 4 Request No. 2 4 Request No. 2 5 Request No. 2 5 Request No. 2 5 Request No. 2 5 Request No. 2 6 Request No. 2 6 Request No. 2 6 Request No. 2 7 R	107	MGRA	2		3	MGRA Data Request No.	Is SmartMeter Partial Voltage Detection used for emergency de-energization?		3/23/2022	3/28/2022	3/28/2022	0	N/A	EPSS	Additional Detail
100 MGRA 2 MGRA Data 5 Request No. 2 2 Sample Posterial PSPS areas affect the control of the first of the reduction of the reduc	108	MGRA	2	MGRA Data	4	MGRA Data Request No.	Vegetation, and Consequence. Is the "Consequence" category the result of PG&E's application of its "Black Swan" criteria, in which it shuts off power under	Joseph Mitchell on	3/23/2022	3/28/2022	3/28/2022	0	8	PSPS	Additional Detail
MGRA Data Request No. 2	109	MGRA	2		5		the existence of fires in or threatening the potential PSPS areas affect the		3/23/2022	3/28/2022	3/28/2022	0	8	PSPS	Additional Detail
MGRA Data Request No. 2 MGRA Data Request No. 2 Risk Assessment Additional Data MGRA Data Request No. 2 Risk Assessment Request No. 2 Risk Assessment Additional Data MGRA Data Request No. 2 Request No. 2 Risk Assessment Risk Model Risk	110	MGRA	2	MGRA Data	6	Request No.	On page 8, PG&E discusses "new modeling" for ignition risk. Please provide the description of what this "new modeling" consists of or provide and		3/23/2022	3/28/2022	3/28/2022	0	7.3.1		Additional Detail
112 MGRA 2 MGRA Data Request No. 2 Respect No. 2 2 February Resk Mode Respect No. 2 2 Respect No. 2 Respect No. 2 Respect No. 2 2 Respect No. 2 Respect No. 2 2 Respect No. 2 Respect	111	MGRA	2		7	Request No.	failures plus object contact in the HFTD is 60, compared to 74 for vegetation contact. Frequency of vegetation contact is 23% larger than the other two drivers. For the percentage of risk in the HFTD, equipment failures plus object contact represents 36.8% of the risk, while vegetation contact represents 56.8% of the risk. Frequency of vegetation contact is 62% larger than the other two drivers combined.		3/23/2022	3/28/2022	3/28/2022	0	7.3.1		Wildfire Risk Data
February	112	MGRA	2	MGRA Data Request No. 2	8	Request No.	ARCHITECTURE, was the new WDRM V3 used in the GRC update provided in		3/23/2022	3/28/2022	3/28/2022	0	7.3.1		Risk Model
Micro Micr	113	MGRA	2	MGRA Data	9	MGRA Data	Please ask Technosylva to provide a table and plot of 8 hour fire sizes against	Joseph Mitchell on	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment	Additional Data
MGRA Data Request No. 2 2 MGRA Data Request No. 2 11 MGRA Data Request No. 2 12 MGRA Data Request No. 2 13 MGRA Data Request No. 2 14 MGRA Data Request No. 2 14 MGRA Data Request No. 2 15 MGRA Data Request No. 2 16 MGRA Data Request No. 2 17 MGRA Data Request No. 2 17 MGRA Data Request No. 2 18 MGRA Data Request No. 2 18 MGRA Data Request No. 2 18 MGRA Data Request No. 2 19 MGRA Data No. 19 MGRA Data NGRA DATA DATA DATA DATA DATA DATA DATA DA	\vdash	MGRA		MGRA Data		2 9 MGRA Data		Joseph Mitchell on	3/23/2022		3/28/2022	0		Risk Assessment	
Hequest No. 2 11 Request No. 2 11 Request No. 2 11 Request No. 2 11 New used for the PRYP Control of the Lift Book Michael on Learning mode with the Michael on Learning mode with the Michael on Learning mode with the Lift Book Michael on Learning mode with the M				MGRA Data		2 10 MGRA Data	On p. 189, PG&E states that the IPW model uses the Cat Boost Machine	Joseph Mitchell on						Risk Assessment	
MGRA Data Request No. 2 MGRA Data NGRA Data NGRA Data Request No. 2 MGRA Data NGRA Data NGRA Data Request No. 2 MGRA Data NGRA NGRA NGRA DATA NGRA DATA NGRA NGRA DATA NGRA DATA NGRA NGRA NGRA NGRA NGRA N	115	MGRA	2		11		was used for the IPW?		3/23/2022	3/28/2022	3/28/2022	0	7.3.1		Additional Data
MGRA Data Request No. 2 MGRA Data NGRA D	116	MGRA	2		12	Request No.	used the dashboard to evaluate model performance against key historical storm events, evaluating timing of weather onset compared to modeled outge probability increases, and relative magnitude of outge probabilities." Please provide tabular and graphical analysis showing how the IPW finds that ignition probability increases versus wind speed for the five driver classes.		3/23/2022	3/28/2022	3/28/2022	2	7.3.1		Additional Data
MGRA Data MGRA Data Are the reviews of staff, management, or executives in any way tied to targets Joseph Michail on 3/23/2022 3/28/2022 0 7.3.3 Undergrounding Additional Data	117	MGRA	2		13	Request No. 2_13	volume of previously hardened overhead lines that are being placed underground, and any other undergrounding work performed in HFTD or fire rebuild areas." How many miles of previously hardened lines are being put		3/23/2022	3/28/2022	3/28/2022	0	7.3.3	Undergrounding	Additional Data
	118	MGRA	2		14	Request No.			3/23/2022	3/28/2022	3/28/2022	0	7.3.3	Undergrounding	Additional Data

March Marc															
1	119	MGRA	2		15	Request No.	0_20220225T144600_Section_71H_Atch01_WorkMaps, PG&E provides maps for Covered conductor installation, Undergrounding of Electric lines or Equipment, and System hardening including line removal. Please provide these		3/23/2022	3/28/2022	3/28/2022	0	7.3.3	Grid Design and System Hardening	Additional Data
10 10 10 10 10 10 10 10	120	MGRA	2		16	Request No. 2 16	Please provide a non-confidential version of Data request response WMP- Discovery/2022_DR_CalAdvocates_003-Q01Atch01CONF(T) regarding PG&E's hardening program.		3/23/2022	3/28/2022	3/28/2022	1	7.3.3	System Hardening	Additional Data
Section Process	121	MGRA	2	MGRA Data Request No. 2	17	Request No.	gust model, with particular emphasis on Diablo winds". Please provide the	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.2	Awareness and	Additional Data
1.	122	MGRA	2		18	MGRA Data Request No.	On how many weather stations is 30 second weather observations collected? Please provide a list if it is not the complete set of weather stations. How long is the 30 second data maintained on the weather station? Is the 30 second		3/23/2022	3/28/2022	3/28/2022	1	7.3.2	Situational Awareness and	Additional Data
March 1	123	MGRA	2		19	Request No.	Oscillation was shown to be a potential predictor of upcoming Diablo wind		3/23/2022	3/28/2022	3/28/2022	1	7.3.2	Awareness and	Additional Data
1.	124	MGRA	2		20	Request No.	tracking databases to identify ignitions that had been missed in the past, increasing PG&E's reportable ignition record by 23 percent." Please provide a		3/23/2022	3/28/2022	3/28/2022	1	7.3.7.4	Data Governance	Tracking and Analysis of Risk Event Data
1956 9	125	MGRA	2		21	Request No.			3/23/2022	3/28/2022	3/28/2022	1	7.3.7.1	Data Governance	Centralized Repository for Data
March 1	126	MGRA	2		22	MGRA Data Request No.			3/23/2022	3/28/2022	3/28/2022	1	8	PSPS	Additional Data
1975 1976 2	127	MGRA	2	MGRA Data		MGRA Data Request No. 2_23 Followup, not	Please provide the 2022 reportable ignitions report, due to the CPUC on April 1, 2022. Due date for this data request is April 1, 2022.	Joseph Mitchell on	3/23/2022	4/1/2022	4/1/2022	1	N/A	Miscellaneous	Ignition Trends
10 10 10 10 10 10 10 10	127	MGRA	2		23	MGRA Data Request No.			3/23/2022	3/28/2022	3/28/2022	0	N/A	Miscellaneous	Ignition Trends
March Marc	128	MGRA	2	MGRA Data	24	MGRA Data	On p. 7.1.E-Atch1-21, the RSE for REFCL is given as 40. Please explain the	Joseph Mitchell on	3/23/2022	3/28/2022	3/28/2022	0	N/A	Miscellaneous	REFCL
10 10 10 10 10 10 10 10							In the data request response WMP-Discovery2022_DR_CalAdvocates_013-								
1.00 1.00	129	MGRA	2		25	Request No. 2_25	deployment, PG&E projects a \$75M capex, plus \$141M operating cost through 2026, constituting 14% of its 25,000 miles, and that the protection is 58%		3/23/2022	3/28/2022	3/28/2022	0	N/A	Miscellaneous	REFCL
The Carlot	130	MGRA	2		(Incorrectly labeled as MGRA-2-17	2_26 (Incorrectly labeled as MGRA-2-17	wind gust data". Is the local wind gust data specific to fire weather conditions (such as a Diablo corridor) or does it include winter storm conditions?		3/23/2022	3/28/2022	3/28/2022	0	7.3.5	Management (VM)	Additional Efforts to Manage Community and Environmental Impacts
The Court	131	CalPA	Set WMP-18		1	s-PGE- 2022WMP-	11 referred to Exhibit PG&E-4 from PG&E's February 25, 2022 GRC Update. Page 9-20 of this exhibit states, "The updated EVM scope of work focuses on overhang clearing only, other activities previously included in the EVM scope of work are now addressed in Routine VM."	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Management (VM)	Additional Detail
132 Cupin	132	CalPA	Set WMP-18		. 2	s-PGE- 2022WMP-	16 shows a reduction of approximately \$412 million in projected total vegetation management expenditures from 2022 to 2023. a) Does the reduction in total VM expenditures from 2022 to 2023 result primarily	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Management (VM)	VM Spend
The Court	133	CalPA	Set WMP-18		. 3	CalAdvocate s-PGE- 2022WMP-	In If the answer to not follower choses evolete all the substanties was in Kegarding PSAEs covered conductor and strategic undergrounding activities: a) What is PG&E's current estimate for the service life of newly installed distribution covered conductor? b) What is PG&E's current estimate for the service life of newly installed traditional (non-covered conductor) overhead distribution conductor?	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.3		Service Life of Assets
Part Company	134	CalPA	Set WMP-18		. 4	s-PGE- 2022WMP-	"The QA/QV scope is currently focused on contract Pre-Inspectors and does not evaluate the performance of PG&E Pre-Inspector employees."	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	11	7.3.5	Management (VM)	Quality Assurance/Quality Control of Vegetation Management
Culti-Name Continue Continu	135	CalPA	Set WMP-18		. 5	CalAdvocate s-PGE- 2022WMP-	attachments to its 2022 WMP- 2022-02-25_PGE_2022_WMP-Update_R0_Section 4.6_Remedy 5.4.B. Atch02.xlsx	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
137 CuPA Set 19WP-18 CoM-According Fig. CupA-According F	136	CalPA	Set WMP-18		. 6	CalAdvocate s-PGE- 2022WMP-	E.4.B. Archin's view PG&E's witten response to issue 5.4.B3 states that priority A is used for "Conditions that require immediate action." The following priority A correctives opened in 2021 have a required end date4 several months after the creation date. For each, please explain why the tag did	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.4		Additional Detail
College	137	CalPA	Set WMP-18		. 7	CalAdvocate s-PGE- 2022WMP-	a.1.27.4.366/fs. (206.6.avs). In general, please explain: a) Why PG&E's procedures allow a priority A corrective notification to be given a required end date more than 1 month after the date the condition is found in the field.	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.4		Additional Detail
California Cal	138	CalPA	Set WMP-18		. 8	CalAdvocate s-PGE- 2022WMP-	notarith. A correctious and assistan a resulted and rists more than 3.0 rises in the PG&E's response to data request Caldivocates, PGE-2022WHP-16, Question 5, states, "Pre-Inspectors follow Procedure 'TD-7102P-23' for Red Flag Warning procedure and 'TD-7102P-17' for Priority Tag Procedure to review and re- prioritize work within the RFIV area."	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	2	7.3.5	Management (VM)	Emergency Response Vegetation Management Due to Red Flag Warning
March Marc	139	CalPA	Set WMP-18		. 9	CalAdvocate s-PGE- 2022WMP-	PG&E's response to data request CalAdvocates-PGE-2022WMP-16, Question 6, states, "The current use case for VM Distribution LIDAR is tied to the VM Routine Program. LIDAR collection in line with the VM Routine schedule requires more agility than is currently possible with aerial LIDAR collections."	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Management (VM)	or Other Urnent Remote Sensing Inspections of Vegetation Around Distribution Electric Lines and
141 CaPA Set WMP-19 CalAnnocates-PGE 2022WMP-19	140	CalPA	Set WMP-18		10	CalAdvocate s-PGE- 2022WMP-	I/M Brutine Program schedule while they are nospible for transmission-based PG&E's response to data request CalAvocates-PGE-2022WMP-16, Question 6, states, "GBL scanning costs are approximately \$400 per mile, including scanning, data processing and electrical asset and vegetation feature extraction."	Carolyn Chen	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Management (VM)	Remote Sensing Inspections of Vegetation Around Distribution Electric
142 CalPA Set WMP-19 2027WMP-19 2 2 2 2 2 2 2 2 2	141	CalPA	Set WMP-19		. 1	CalAdvocate s-PGE- 2022WMP-	7 3.5. "Pamote sension inspections of sensitation around distribution electric- Page 53" of PGEE"s 2022 WMP states that, for 2022, the highest wildfier risk miles" includes, among other definitions, "The top 20 percent of circuit segments as defined by PG&E's 2021 WDRM v2 for System Hardening." In response to data request CalAdvocates-PGE-2021WMP-19, question 3, on	Carolyn Chen	3/25/2022	3/31/2022	3/31/2022	0	7.3.1		Lines and Fourment Additional Detail
143 OEIS Set 007 OEIS-PG&E-22- 1 OEIS-PG&E-22- OEIS-PG&E-22- OFIG = 1 OEIS-PG&E-22- OEIS-PG&E-22- OEIS-PG&E-22- OFIG = 1 OEIS-PG&E-22- OEIS-PG	142	CalPA	Set WMP-19		. 2	CalAdvocate s-PGE- 2022WMP-	autionment risk scores. Please add the following data to "CalAdvocates-PGE-2022WMP-19 Alch01.xisx" (with changes to the attachment as required by Question 1c) as new columns. Provide this data as of 2/1/2022, or the most current verified data, whichever is more recent.	Holly Wherman Carolyn Chen	3/25/2022	3/31/2022	3/31/2022	1	7.3.3	Grid Design and System Hardening	Additional Detail
Delis	143	OEIS	Set 007		1	OEIS-PG&E-	Indemonrated miles to each circuit seament (UC). OP #2 870, PCASE mildrates "Bassed off the 2021 10-year PSPS tookback analysis, PCASE Identified potential locations for our transmission and distribution PSPS mitigation programs." a) In addition to PSPS risk is PCASE also evaluating prioritization for our	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	8	PSPS	Additional Detail
145 OEIS Set 007 OEIS-PGAE-22- 007 3 OEIS-PGAE-22- 007 3 OEIS-PGAE-22- 007 3 OEIS-PGAE-22- 007 4 OEIS-PGAE-22- 007 5 OEIS-PGAE-22- 007 6 OEIS-PGAE-22- 007 6 OEIS-PGAE-22- 007 6 OEIS-PGAE-22- 007 7 OEIS-PG	144	OEIS	Set 007		2		transpisjon, and distribution PSRS mitigation programs hased on riskingt (DDZ With regard to maintify using question 11/1.2 a Does the utility have explicit thresholds for initiating a PSPS? PG&E's answer has remained the same from 2021 to 2022. a) At what point in time does PG&E expect to have explicit policies for the	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
146 OEIS Set 007 OEIS-PG&E-22- 007 4 OEIS-PG&E-22- 007 5 OEIS-PG&E-22- 007 6 OEIS-PG&E-22- 007 7 OEIS-PG&E-22- 007 0 OEIS-PG&E	145	OEIS	Set 007	OEIS-PG&E-22- 007	3		circumstances does the utility de-energize circuits? Select all that apply. PG&E answered all options: i. Upon detection of damaged conditions of electric equipment; ii. When circuit presents a safety risk	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
147 OEIS Set 007 OEIS-PGAE-22- 007 5 OEIS-PGAE-22- 007 5 Set 007 OEIS-PGAE-22- 007 6 OEIS-PGAE-22- 007 7 OEIS-PGAE-22- 007 OEIS-PGAE-22- 007 7 OEIS-PGAE-22- 007 OEIS-	146	OEIS	Set 007	OEIS-PG&E-22- 007	4		process for inspecting de-energized sections of the grid prior to re-energizing? In the 2021 Survey, PG&E answered as of January 1, 2023 it would be "Partially automated, <50%" and this year changed that answer to "Manual	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
148 OEIS Set 007 OEIS-PGAE-22- 007 6 CSES-PGAE-22- 007 7 CSES-PGAE-22- 007 CSES-PGAE-22- 007 7 CSES-PGAE-22- 007 CSES-PGAE	147	OEIS	Set 007	OEIS-PG&E-22- 007	5		WMP Discovery2022_DR_OEIS_005-Q01Atch01: a) The original number of Customers Experiencing Sustained Outages (CESO) from the actual outages that occurred (opposed to the predicted if EPSS was consider). GIOB. Regarding WMP-Discovery2022_DR_CalAdvocates_12-Q08 and WMP	Kevin Miller	3/25/2022	3/31/2022	3/31/2022	1	7.3.3		EPSS Reliability Impact analysis
148 OEIS Set 007 OEIS-PG&E-22- 6 REV 22-007_6 in Define the population of transmission feeled standing ground inspections reviewed (New Miller 3/25/2022 4/18/2022 0 7.3.4.14 Asset Management of the number of COPY-PGG&E and Asset Management of COPY-PGG&E and COPY-PGG&E and Asset Management of COPY-PGG&E and Asset Management of COPY-PGG&E and COPY-PGG	148	OEIS	Set 007		6	22-007_6	Discovery2022 DR. CalAdvocates 012-002Atch01: a) Define the population of transmission detailed ground inspections reviewed through Desktop Reviews, including but not limited to the number of 0066-Regarding Wint-2012bode()2122-012-013-013-013-013-013-013-013-013-013-013	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.4.14	Asset Management and Inspections	Quality assurance / quality control of inspections
149 OEIS Set 007 OEIS-PG&E-22- 007 7 7 22-007_7 7 0EIS-PG&E-22- 007_7 23-007_7 23	148	OEIS	Set 007	OEIS-PG&E-22- 007	6 REV	22-007_6	Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through Desktop Reviews, including but not limited to the number of C007-Provide hire same information in one bash to pome as supplies in make his	Kevin Miller	3/25/2022	4/1/2022	4/1/2022	0	7.3.4.14		Quality assurance / quality control of inspections
	149	OEIS	Set 007	007	7	22-007_7	transmission levels respectively: a) Number of total circuit miles inspected h) Level 1 findings	Kevin Miller	3/25/2022	4/8/2022	4/8/2022	1	7.3.4.14	and Inspections	of Transmission Electric Lines and Equipment
	150	OEIS	Set 007		8			Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.3		Additional Detail

1	51	OEIS	Set 007	OEIS-PG&E-22- 007	9	OEIS-PG&E- 22-007_9	Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is complete.	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
The content of the	51	OEIS	Set 007	OEIS-PG&E-22- 007	9Supp	22-	Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is complete.	Kevin Miller	3/25/2022	3/30/2022	6/2/2022	1	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
1972 1973 1974 1975	52	OEIS	Set 007		10	OEIS-PG&E-	high and medium vibration susceptibility areas, vibration can reduce the covered conductor's useful life from 45 years to an average of 20 years if not addressed" and that "[i]nstalling dampers minimizes equipment failure ignition drivers, such as damage or failure of the conductor, connector, and/or splice"	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.3	Grid Design and System Hardening	Vibration Susceptibility
1985 1986 1987	53	OEIS	Set 007	OEIS-PG&E-22- 007	11		conductor-specific failure modes exist that require operators to consider additional personnel training, augmented installation practices, and adoption of new mitigation strategies (e.g., additional lightning arrestors, conductor washing	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	1	7.3.3	Grid Design and System Hardening	Additional Detail
Description Company	54	OEIS	Set 007		12		a) Provide the following job aids: i) TD-2305M-JA02 ii) TD-2305M-JA08	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	3	7.3.3	Grid Design and System Hardening	Covered Conductor Maintenance
Part	55	OEIS	Set 007	OEIS-PG&E-22- 007	13		Discovery2022_DR_CalAdvocates_004-Q09Atch01.xlsx: a) Provide an additional column with the coinciding risk scores for each project in WMP-Discovery2022_DR_CalAdvocates_004-Q08Atch01.xlsx, similar to	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	1	7.3.1	Risk Assessment and Mapping	Additional Detail
Company Comp	56	OEIS	Set 007		14		Provide WMP-Discovery2022_DR_CalAdvocates_003-Q01Atch01CONF.xlsx with the additional columns: a) Wildfire Risk Score – 2021 b) Wildfire Risk Score – 2022	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
Dec Color	57	OEIS	Set 007		15		states that they "are also reviewing and evaluating the Risk Associated with Value Exposure (RAVE) module from Technosylva that has components for estimating egress considering location and community factors."	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
Section Control Cont	58	OEIS	Set 007		16		Because system hardening work is generally identified 12 or more months before construction, the decision tree that was used for selecting between various distribution system hardening methods (e.g., undergrounding, covered	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.3	Grid Design and System Hardening	Additional Detail
Columbia	59	OEIS	Set 007	OEIS-PG&E-22- 007	17		circuits in the HFTD areas, HFRA and non HFTD buffer zones based on highest projected Customer Experiencing Sustained Outage (CESO)." a) Explain a list of what "reliability mitigations" includes	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	EPSS	Additional Detail
Part Color	60	OEIS	Set 007	OEIS-PG&E-22- 007	18		and sets a target of 7,000 distribution poles in the HFTD. a) To what standard does PG&E clear these poles? (i.e., to what radius and height?)	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	1	7.3.5	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric
See Color Color Product Color Color Product Color Co	61	OEIS	Set 007		19		based on mitigations and improved protocols and lessons learned in 2021. For instance, per PSPS event in PG&E-8.3-1 on page 934, PG&E shows estimated quantitative reduction of scope (Number of Customers) of 26,843 and estimated	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	8	PSPS	Additional Detail
163 Cell St. Set 007 Cell St. Policia 27 22 22 007 27 47 Policia 4 20 20 20 20 20 20 20	62	OEIS	Set 007	OEIS-PG&E-22- 007	20		a) How many of PG&E's weather stations have been upgraded to give readings at 10 to 30-second intervals?	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.2	Situational Awareness and Forecasting	Weather Stations
164	63	OEIS	Set 007	OEIS-PG&E-22- 007	21		Regarding PG&E's response to Maturity Survey question B.III.c: a) Please describe how PG&E interprets span based.	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
DESP-CASE	64	OEIS	Set 007		22		a) Please describe what PG&E needs to do to improve weather data granularity	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
The CES Set 007 CES PGAE-22 CES PGAE-22 CES PGAE-22 CES PGAE-23 CES PG	65	OEIS	Set 007	OEIS-PG&E-22- 007	23		a) In 2022, PG&E is planning on increasing staffing by 22 full-time employees. How many SIPT Crews and Engines will PG&E have after increasing this staffing?	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.2	Situational Awareness and Forecasting	Personnel Monitoring Areas of Electric Lines and Equipment in
MORPA 3 Report No. 3 1 MATCH Action Find the Companies of the	66	OEIS	Set 007	OEIS-PG&E-22- 007	24		a) Was the prototype field test installation at the Santa Cruz service center that was completed in 2021 on distribution or transmission? b) Please provide an explanation on what approving the final version of DTS	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	DTS FAST
Micros M	67	MGRA	3		1	Request No.	or makes any other adjustment to account for the fact the Technosylva consequence model is run on "worst weather days", while the Probability of		3/28/2022	3/31/2022	3/31/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
150 MGRA 4 Regeare No. 4 2 Regeared No. 4 R	68	MGRA	4		1	Request No.	In the WDRM v3 model, has Cal Fire outcome data derived from VIIRS correlation now replaced the 8 hour Technosylva simulation?		4/1/2022	4/5/2022	4/5/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
177 MGRA	69	MGRA	4	MGRA Data	2	MGRA Data	What is the remaining role of Technosylva simulation in the v3 model?		4/1/2022	4/5/2022	4/5/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
Microsoft No. 4	70	MGRA	4	MGRA Data	3	MGRA Data	Ill the Technosyva outputs are linked to the VIIRS data, now is this linkage	Joseph Mitchell on	4/1/2022	4/5/2022	4/5/2022	0	731	Risk Assessment	Additional Detail
172 MGRA 4 MGRA Data	+			'		4 3 MGRA Data	Specify how consequences are assigned from the VIIRS fires to the Cal Fire fire							and Mapping Risk Assessment	
172 MGRA	71	MGRA	4		4	4 4	averages, or on a Monte Carlo?	behalf of MGRA	4/1/2022	4/5/2022	4/5/2022	0	7.3.1	and Mapping	Additional Detail
173 MGRA 4 Microsoft No. 4 6 Request No. 4 6 4.5 Request No. 6 Request No. 6 4.5 Request No. 6 Request N	72	MGRA	4	MGRA Data Request No. 4	5	Request No. 4_5	daily P((gnition outage) values across days from historic fire seasons (i.e. based on daily weather and fuel conditions) to produce a seasonal value derived from daily estimates is the seasonal P(ignition) multiplied by a seasonal estimate of consequence	Joseph Mitchell on behalf of MGRA	4/1/2022	4/5/2022	4/5/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
described completing an R&D project at the end of 2021; and the AHSPC tamper performed as strategic assessment of the results. PCM redemined that a performed as strategic assessment of the results. PCM redemined that a performed as strategic assessment of the results. PCM redemined that a performed as strategic assessment of the results from the demined that a performed assessment of the results from the R&D redemined that a performed assessment of the results from the R&D redemined that a performed assessment of the results from the R&D redemined that a performed assessment of the results from the R&D redemined that a performed assessment of the results from the R&D redemined that a performed result in a suffice. And that no future actions are planned at this time. 175 OEIS Set 008 OEIS-PG&E-22: 008 OEIS-PG&E-22: 009 OEIS-P	73	MGRA	4		6	Request No.	(ignition)outage) multiplied by the daily consequence score, and the risk score averaged over season? If neither of these mechanisms explain risk scoring provide additional detail.		4/1/2022	4/5/2022	4/5/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
175 OEIS Set 008 OEIS-PGAE-22- 008 2 2-008_2 2 2 2-008_2 2 2 2-008_2 2 2 2 2 2 2 2 2 2	74	OEIS	Set 008		1		described completing an R&D project at the end of 2021, and the ARBCP team performed a strategic assessment of the results. PG&E them determined that the outcome of the plot was not sufficient to develop a comprehensive fault the outcome of the plot was not sufficient to develop a comprehensive fault singular born pagespicable to the larger inoper float an adjust color that vibe used to proactively detect and mitigate conditions that might result in a widdle. And that no have sections are planned at this time. The results from the R&D project and what the limitations were that lead to the decision to no longer pursue the initiation.	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	0	7.3.2.2.6	Situational Awareness and Forecasting	Distribution Arcing Fault Signature Library
176 OEIS Set 008 OEIS-PGAE-22- 008 3 OEIS-PGAE-22- 008 OEIS-PGAE-22- 008 3 OEIS-PGAE-22- 008 3 OEIS-PGAE-22- 008 OEIS-PGAE-22- 008 3 OEIS-PGAE-22- 008 OEIS-PGAE-22- 008 3 OEIS-PGAE-22- 008 OEIS-PGAE-22- 008 O	75	OEIS	Set 008		2		"some in-progress projects are forecasted in service towards the end of 2022" regarding transmission hardening projects. a) Provide the mileage of projects described to be forecasted.	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	0	7.3.3.17.2	Grid Design and System Hardening	System Hardening - Transmission
177 OEIS Set 008 OEIS-PG&E-22- 008 4 OEIS-PG&E-22- 008 5 OEIS-PG&E-22- 008 5 OEIS-PG&E-22- 008 6 OEIS-PG&E-22- 008 OEIS-PG&E-22- 008 6 OEIS-PG&E-22- 008 OEI	76	OEIS	Set 008		3		a)What percentage of inspections are completed by contractors vs. internally by PG&E employees? b)Provide a list of contractors used for asset inspections.	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	1	7.3.4	Asset Management and Inspections	Additional Detail
178 OEIS Set 008 OEIS-PGAE-22- 008 5 Set 008 OEIS-PGAE-22- 008 5 Set 008 OEIS-PGAE-22- 008 5 Set 008 OEIS-PGAE-22- 008 6 OEIS-PGAE-22- 008 OEIS-PGAE-22- 008 6 OEIS-PGAE-22- 008 6 OEIS-PGAE-22- 008 6 OEIS-PGAE-22- 008 OEIS-PGAE-22- 0	77	OEIS	Set 008		4		Q04. Provide the geospatial files for the HFRA modifications shown on pg. 77 of PG&E's 2022 WMP Update.	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	1	4.2.1	Lessons Learned and Risk Trends	Service Territory Fire- Threat Evaluation and Ignition Risk Trends
179 OEIS	78	OEIS	Set 008		5		miles of distribution system hardening, with approximately 66% of these circuits falling within the highest risk miles defined as the top 20% of the risk buydown curve, fire re-build miles, and PSPS mitigation miles."	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	0	7.3.3.17.1	Grid Design and System Hardening	System Hardening
180 OEIS Set 008 OEIS-PO&E-22- 008 7 OEIS-PO&E 22-008-7 OEIS-PO&E 22-008-7 OEIS-PO&E 22-008-7 OEIS-PO&E 22-008-7 OEIS-PO&E 22-008-7 OEIS-PO&E OEIS	79	OEIS	Set 008		6		conducted an audit of work tracking databases which identified ignitions which had not been reported, "increasing PG&E's reportable ignition record by 23 percent." Regarding this audit, Energy Safety would like to know.	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	2	7.3.7.4	Data Governance	Documentation and disclosure of wildfire- related data and algorithms
DEIS Set 008 OEIS-PG&E-22- 008 Set 008 OEIS-PG&E-22- 008 Set 008 OEIS-PG&E-23- 008 008 OEIS-PG&E-23- 008 008 OEIS-PG&E-23- 008 OEIS-PG&E-23- 008 OEIS-PG&E-23-	80	OEIS	Set 008	OEIS-PG&E-22- 008	7		states that it re-evaluated its 2021 [Maturity Survey] response related to communications tools (Question F.VI.b). PG&E also states, "because of the communications challenges in certain parts of our service territory, the current	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	0	N/A	Miscellaneous	Maturity Survey
Leardvocate G&E said, "For 2021, approximately 96% of covered conductor projects Holly Wherman CelAdvocates-PGE S-PGE	81	OEIS	Set 008		8		need to hire approximately 40 Linemen and 100 Apprentices each year for the next five years, based on an internal demand and supply review. On p. 788 of PG&E's 2022 WMP Update, PG&E states that its hired 41 Linemen and 123	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	0	7.3.9.1	Emergency Planning and Preparedness	Adequate and Trained Workforce for Service Restoration
102 Cert / Gev virin 20 2022/MAP-20 2022/MAP-20 2022/MAP-20 1 2022/MAP-20 12022/MAP-20 12022/MAP-20 2022/MAP-20 20	82	CalPA	Set WMP-20		1	s-PGE- 2022WMP-	PG&E said, "For 2021, approximately 96% of covered conductor projects included pole replacements." Among the 96% of covered conductor projects in 2021 that did involve pole	Carolyn Chen	4/5/2022	4/8/2022	4/11/2022	0	7.3.3.6	Grid Design and System Hardening	Distribution Pole Replacement and Reinforcement, Including with
183 CalPA Set WMP-20 CallAdvacates-PGS - 2022WMR-2D 2 202	83	CalPA	Set WMP-20		2	s-PGE- 2022WMP-	On average, how many poles per circuit-mile exist on bare-wire distribution circuits in HFTD? b) On average, how many poles per circuit-mile exist on covered conductor	Carolyn Chen	4/5/2022	4/8/2022	4/11/2022	0	7.3.3.6	Grid Design and System Hardening	Distribution Pole Replacement and Reinforcement, Including with
OEIS-PG&E-22- 009 1 CEIS-PG&E-22- 009 2 1 OEIS-PG&E-22- 009 2 2-309_1 1 CEIS-PG&E-23- 009 2 2-309_1 2 CEIS-PG&E-24- 009 2 2-309_1 2 CEIS-PG&E-24- 22-309_1 2 CEIS-PG&E-24- 22-309_1 2 CEIS-PG&E-24-24-24-24-24-24-24-24-24-24-24-24-24-	84	OEIS	Set 009	OEIS-PG&E-22- 009	1	OEIS-PG&E-	Q01. Based on analysis of information reported in the WMP, PG&E reports a \$530 million increase in vegetation management category initiatives over the amount projected for 2022 in the 2021 WMP Update. a) What accounts for the \$530 million increase in vegetation management	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Program Cost Projection

185	OEIS	Set 009	OEIS-PG&E-22- 009	2	OEIS-PG&E- 22-009_2	(IQUZ. Based on analysis of information reported in the WMMP, PUSIE reports an increase of \$198 million in Grid Design and System Hardening category initiatives over the amount projected for 2022 in the 2021 WMMP Update.	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	1		7.3.3	Grid Design and System Hardening	Program Cost Projection
186	OEIS	Set 009	OEIS-PG&E-22- 009	3	OEIS-PG&E- 22-009_3	<u>AWthat accounts for of \$1.08 million jorcesses in Grid Design and Statem</u> (DOS. 18able 12 shows zero spending for the undergrounding for flarrening Initiative 7.3.3.16 Undergrounding of electric lines and/or equipment (Row 61). a) What accounts for zero spending on undergrounding initiatives in Table 12? b) Provide expenditures for undergrounding initiatives for 2022.	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	7	.3.3.16	Grid Design and System Hardening	Undergrounding
187	OEIS	Set 009	OEIS-PG&E-22- 009	4	OEIS-PG&E- 22-009_4	Qu4. Table 12 shows zero spending or the undergrounding Grid Hardening 7.3.3.3 Covered conductor installation (Row 38). a) What accounts for zero spending on covered conductor initiatives in Table 12?	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	1	7.3.3.3	Grid Design and System Hardening	Covered Conductor Installation
188	OEIS	Set 009	OEIS-PG&E-22- 009	5	OEIS-PG&E- 22-009_5	OSS: Based on analysis of information reported in the WMM*, spending in the data governance initiative category decreased by \$5.3 million compared to the amount projected from the 2021 WMP Update. a) What accounts for the \$53 million decrease in data governance initiative	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0		7.3.7	Data Governance	Program Cost Projection
189	OEIS	Set 009	OEIS-PG&E-22- 009	6	OEIS-PG&E- 22-009_6	C086: Provide the following information regarding PSPS Distribution sectionalizing devices: a) The average number of sectionalizing devices per circuit mile. b) PG&E's goal for number of sectionalizing devices per circuit mile.	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	7.	3.3.8.1	Grid Design and System Hardening	Distribution Sectionalizing Devices
190	OEIS	Set 009	OEIS-PG&E-22- 009	7	OEIS-PG&E- 22-009_7	O.D. In PIGRE's 2022 With Pulpage, in seaton 7.3.7.9. PIGRE reports that it conducted an audit of work tracking databases which identified ignitions which had not been reported. Energy	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	2	-	7.3.7.4	Data Governance	Documentation and disclosure of wildfire- related data and algorithms
191	Will Abrams	Set 01	WillAbrams-Set 01	1	WillAbrams- Set 01_1	Pease, provide the name and use of the responding mandatas (i.e., the person responsible for the content of your answer) for each piece of information requested. If the responding individual is not your employee, please provide their name, title, and employer, as well as the name and title of your employee the plant of the pease of the plant of the pease	Will Abrams	4/11/2022	4/14/2022	4/14/2022	1		4.6	Miscellaneous	5.4B Corrective Actions
192	Will Abrams	Set 02	WillAbrams-Set 02	1	WillAbrams- Set 02_1	Q: (a) How has PG&E mitigated this to ensure that isolators are secured throughout their infrastructure and not swinging and causing sparks and catastroptic widther and not swinging and causing sparks and catastroptic widther of the swinging of vertical insulator strings now that this has been interified as a causer of catastroptic widther? I can be compared to the catastroptic widther? I can be caused to the catastroptic widther?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	:	7.3.3.5	Grid Design and System Hardening	Crossarm Maintenance, Repair, and Replacement
193	Will Abrams	Set 02	WillAbrams-Set 02	2	WillAbrams- Set 02_2	Q: How has PG&E mitigated these microclimate/wind effects by placing wind sensors at different elevations to pick up on these variations that contributed to Kincade Fire ignitions? Are wind sensors now placed closer to these towers to pick up these types of variations?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.	3.2.1.3	Situational Awareness and Forecasting	Weather Stations
194	Will Abrams	Set 02	WillAbrams-Set 02	3	WillAbrams- Set 02_3	Q: Has PG&E identified how they have mitigated these issues associated with line terminations? How does PG&E now ensure line terminations are secured and not causing similar fires?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	1	7.3	3.3.12.3	Grid Design and System Hardening	Maintenance, Transmission
195	Will Abrams	Set 02	WillAbrams-Set 02	4	WillAbrams- Set 02_4	Q: What mitigation has PG&E done to ensure old "spaghetti" wires like those indicated are not left dangling and causing fire risk across their infrastructure?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	1	7.3.4.3	Asset Management and Inspections	Improvement of Inspections
196	Will Abrams	Set 02	WillAbrams-Set 02	5	WillAbrams- Set 02_5	Q: What operational practices and QA has PG&E incorporated into their risk mitigation to ensure old wires are not left abandoned on the ground around infrastructure?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	:	7.3.4.3	Asset Management and Inspections	Improvement of Inspections
197	Will Abrams	Set 02	WillAbrams-Set 02	6	WillAbrams- Set 02_6	Q: How has PG&E modified their vegetation management practices to accommodate slope as a factor that could lead to fire spread from their infrastructure? If a pole, tower of line segment is situated on a similar "upslope" how is PG&E mitigating the increased fire risk?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	1	7.3.5.5	Vegetation Management (VM) and Inspections	Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities
198	Will Abrams	Set 02	WillAbrams-Set 02	7	WillAbrams- Set 02_7	O: Given these findings and the increased fire risk on "south-facing slopes", has PG&E modified their vegetation management practices to ensure this type of topography is treated differently or more regularly given the lower moisture content?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.	3.2.1.2	Situational Awareness and Forecasting	Fuel Moisture Sampling and Modeling [could also go to VM?]
199	Will Abrams	Set 02	WillAbrams-Set 02	8	WillAbrams- Set 02_8	Q: It is clear that the rust and neglect of the line caused a "shower of sparks." What has PG&E done to mitigate rust and corrosion on infrastructure that causes this shower effect with multiple ignition sources?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	;	7.3.4.3	Asset Management and Inspections	Improvement of Inspections
200	Will Abrams	Set 02	WillAbrams-Set 02	9	WillAbrams- Set 02_9	Q: Given this evidence that ember cast from transmission towers are "going to drift", what has PG&E done to alter their vegetation management practices around transmission towers? Where is this within their WMP?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	-	7.3.5.5	Vegetation Management (VM) and Inspections	Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities
201	Will Abrams	Set 02	WillAbrams-Set 02	10	WillAbrams- Set 02_10	What additional risk miligation practices has PG&E implemented to ensure that jumpers are secured and not left "dangling" and susceptible to wind? Are rigid jumpers now more often used? What added inspection criteria have been added so this never leads to another catastrophic fire again?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	;	7.3.3.5	Grid Design and System Hardening	Crossarm Maintenance, Repair, and Replacement
202	Will Abrams	Set 02	WillAbrams-Set 02	11	WillAbrams- Set 02_11	Q: How has PG&E mitigated these wildfire risks to ensure cooling towers are properly decommissioned or moth balled in response to these failures?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3	3.3.12.3	Grid Design and System Hardening	Other corrective action, Maintenance, Transmission
203	Will Abrams	Set 02	WillAbrams-Set 02	12	WillAbrams- Set 02_12	Q. Given this "primary concern," what added risk milligation practices has PG&E implemented to address power plant vegetation management and metal recycling procedures?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	:	7.3.5.5	Vegetation Management (VM) and Inspections	Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities
204	Will Abrams	Set 02	WillAbrams-Set 02	13	WillAbrams- Set 02_13	Q: What risk mitigation has PG&E done to ensure decommissioned or moth balled lines are not energized and connected to power plants? How have inspection practices changed to ensure these failures are not repeated?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.:	3.3.12.3	Grid Design and System Hardening	Other corrective action, Maintenance, Transmission
205	Will Abrams	Set 02	WillAbrams-Set 02	14	WillAbrams- Set 02_14	Q: Given that this "low cycle fatigue" was identified as a primary cause of the Kincade Fire, has PG&E reflected and corrected that issue within their WMP? Is added testing performed and/or different quality assurance checks to mitigate these risks?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0		N/A	N/A	N/A
206	Will Abrams	Set 02	WillAbrams-Set 02	15	WillAbrams- Set 02_15	Q: Given these failures to deal with abandoned infrastructure, how has PG&E identified the added mitigation activities since the Kincade Fire? How does PG&E now treat "abandoned" infrastructure differently within their WMP?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3	3.3.17.2	Grid Design and System Hardening	System Hardening - Transmission
207	Will Abrams	Set 02	WillAbrams-Set 02	16	WillAbrams- Set 02_16	What has PG&E done to ensure security fencing around their infrastructure is inspected and maintained given these findings? How does PG&E mitigate the security dangers of poorly maintained fencing?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	;	7.3.4.3	Asset Management and Inspections	Improvement of Inspections
208	Will Abrams	Set 02	WillAbrams-Set 02	17	WillAbrams- Set 02_17	Q: What has PG&E done to mitigate the risks of misconfigured jumpers? Does PG&E now cut these within the manufacturing facility to ensure proper length and configuration?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7	7.3.3.5	Grid Design and System Hardening	Crossarm Maintenance, Repair, and Replacement
209	Will Abrams	Set 02	WillAbrams-Set 02	18	WillAbrams- Set 02_18	Q: What has PG&E done to mitigate these risks and ensure that wires are secured and inspected within the shoe and do not come loose to cause future catastrophic wildfires?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7	.3.4.12	Asset Management and Inspections	Patrol inspections of transmission electric lines and equipment
210	Will Abrams	Set 02	WillAbrams-Set 02	19	WillAbrams- Set 02_19	Q: Given that the Saw Mill Fire pointed to the same or very similar infrastructure failures and mismanagement patterns as the Kincade Fire has PG&E finally included mitigation activities for these issues within their WMP?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.:	3.3.17.2	Grid Design and System Hardening	System Hardening - Transmission
211	Will Abrams	Set 02	WillAbrams-Set 02	20	WillAbrams- Set 02_20	Q: Given that wind readings were different on the surface vs. up on poles and towers and these differences contributed to the miscalculations and causes of both the Sawmill and Kincade Fires, has PG&E accounted for different wind sensor placement of wind (ground-level vs. high up on tower) within their WMP?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.	3.2.1.3	Situational Awareness and Forecasting	Weather Stations
212	Will Abrams	Set 02	WillAbrams-Set 02	21	WillAbrams- Set 02_21	Q. Given all these similar causes (bose wires, low-cycle fatigue, wind conditions, etc.) between the Sawmill Fire and the Kincade Fire why did PGSE sall not mitigate these causes and include those mitigation tractics within their WMBP? Given this failure pattern, why did PGSE state over and over again that the Kincade Fire was a *Dlack swan? "Wyd GBI Blufsons, CCD dismissively state that *Sometimes things just break" in reference to the Kincade Fire given this pattern and the clear failure of PGSE proliess and protates.	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3	3.3.17.2	Grid Design and System Hardening	System Hardening - Transmission
213	Will Abrams	Set 02	WillAbrams-Set 02	22	WillAbrams- Set 02_22	Q: When outside oversight agencies provide direction like "make sure those wires are secured" how does PQ&E now make sure those instructions are documented and addressed? Where are these issues addressed in the PQ&E WMP given that staff repeatedly did not heed these instructions?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7	.3.4.12	Asset Management and Inspections	Patrol inspections of transmission electric lines and equipment
214	Will Abrams	Set 02	WillAbrams-Set 02	23	WillAbrams- Set 02_23	O: How has PG&E modified their inspection practices and noted those changes within their WMP given that these inspections did not successfully catch the many failure in configuration and maintenance practices that caused the Kincade Fire?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7	.3.4.10	Asset Management and Inspections	Other discretionary inspection of transmission electric lines and equipment, beyond inspections mandated by rules and regulations
215	Will Abrams	Set 02	WillAbrams-Set 02	24	WillAbrams- Set 02_24	Q: How has PG&E improved their policies and wildlire mitigation practices to more closely work with partners like CalPine to ensure access and maintenance issues do not impact safe operations of PG&E equipment?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.:	3.3.12.3	Grid Design and System Hardening	Other corrective action, Maintenance, Transmission
216	Will Abrams	Set 02	WillAbrams-Set 02	25	WillAbrams- Set 02_25	Q: Given the ambiguity of "NIA" meaning 'not present" has PG&E revised their inspection forms to have less ambiguous and more accurate infrastructure evaluation and risk scoring? Are any changes reflected within their WMP?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	;	7.3.4.3	Asset Management and Inspections	Improvement of Inspections
217	Will Abrams	Set 02	WillAbrams-Set 02	26	WillAbrams- Set 02_26	Q: How has PG&E mitigated these risks to ensure "spewing steam" from cooling towers doesn't cause arcing as was identified as a 'constant source of entertainment." Where in the PG&E WMP does it reference changed mitigation practices due to this new information?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.	3.3.12.3	Grid Design and System Hardening	Other corrective action, Maintenance, Transmission
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No. March March	218	Will Abrams	Set 02	WillAbrams-Set 02	27	WillAbrams- Set 02_27	mitigation tactic of PG&E? If so, how is that reflected in their WMP and if not how has this poor maintenance practice been corrected?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3	Grid Design and System Hardening	action, Maintenance,
10 10 10 10 10 10 10 10	219	Will Abrams	Set 02	WillAbrams-Set 02	28		mitigation practice during the nighttime when moisture content causes frequent arcing? If so, where is this referenced in the PG&E WMP? If not, how has	Will Abrams	4/13/2022	4/25/2022	4/25/2022	1	7.3.3.12.5		action, Maintenance,
March Marc	220	Will Abrams	Set 02	WillAbrams-Set 02	29		Q: Is PG&E comfortable with this haphazard alerting practice or does a more standardized arcing alert need to be ingrained within their WMP andassociated	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3		action, Maintenance,
March Marc	221	Will Abrams	Set 02	WillAbrams-Set 02	30		mitigating these "higher level" contamination risks and wildfire risks? How is this reflected within their WMP given that is a cause or a contributor of catastrophic	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3	Grid Design and System Hardening	action, Maintenance,
10 10 10 10 10 10 10 10	222	Will Abrams	Set 02	WillAbrams-Set 02	31		Q: Given that extreme corrosiveness is associated with towers close to power plants, how has PG&E mitigated risks specific to these towers? What WMP	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	(and possible Verification; Gr		action, Maintenance,
18	223	Will Abrams	Set 02	WillAbrams-Set 02	32		insulators? Has this been standardized or do crew supervisors still have discretion of when to wash orreplace? What WMP practices have standardized	Will Abrams	4/13/2022	4/25/2022	4/25/2022	2			action, Maintenance,
10 10 10 10 10 10 10 10	224	Will Abrams	Set 02	WillAbrams-Set 02	33		Q: Has PG&E standardized around polymer insulators as part of their wildfire mitigation activities? What percentage of PG&E insulators are still the old ceramic type? Why is this not mentioned within the WMP when it was a leading	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.5		action, Maintenance,
Accordance Control C	225	Will Abrams	Set 02	WillAbrams-Set 02	34		Q: Has PG&E standardized to 2 year lifecycle for changing insulators? Has PG&E set standards in their WMP for insulator inspections to determine	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.4.3		Improvement of
Mathematical Math	226	Will Abrams	Set 02	WillAbrams-Set 02	35		Q: Do line crew supervisors still have the authority to "mothball" infrastructure with direction from outside sources? How has PG&E implemented corrective actions given the wildfire risks associated with how infrastructure is	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3		action, Maintenance,
March Marc	227	Will Abrams	Set 02	WillAbrams-Set 02	36		Why isn't decommissioning infrastructure requiring an engineering consult? Given the evident wildfire risk has PG&E required engineering consults and direction on a going forward basis as part of their	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3		
March Series Se	228	Will Abrams	Set 02	WillAbrams-Set 02	37		Q: Given that this motion of the insulator string caused or contributed to the Kincade Fire has PG&E now measured these movements and identified wildfire mitigation practices and quality controls to	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.5		
100 100	229	Will Abrams	Set 02	WillAbrams-Set 02	38		Q: Is engineering design now required for these types of mothballing practices?	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3	Grid Design and System Hardening	
Company Comp	230	Will Abrams	Set 02	WillAbrams-Set 02	39	WillAbrams-	Q: Given the subsequent catastrophic fire, does PG&E now require an	Will Abrams	4/13/2022	4/25/2022	4/25/2022	0	7.3.3.12.3	Grid Design and	Maintenance,
20						Set 02_39	standards not set in the WMP?							System Hardening	Transmission
Wide	231	OEIS	Set 10		1		events in 2021 to support the evaluation of the potential public safety risk due to a PSPS event against the forecasted potential wildfire risk. a. To date, did PG&E use the risk-benefit tool for determining to initiate any	Kevin Miller	4/15/2022	4/20/2022	4/20/2022	0	8.2.3.7	PSPS	
Page	232	OEIS	Set 10		2		WMP Section .46 Remedy 2114 Actio1 (CONF to The 2022 WMP Update . a. Concerning the project type : Community Wditer Safety Program for projects aimed for 2022-2023*: L. Describe this project type : Including where more information about this project type is described within the 2022 WMP for previous WMPs ; applicable) type is described within the 2022 WMP for previous WMPs ; applicable). The control of the project type overlap and/or align with risk model output? II. How does this project type overlap and/or align with risk model output? II. How does this project type defir from the CWSP that align with the top 20% risk score output from the 2021 Wildfer Distribution Risk Model II. How does this project type defir from the following: Top 20% MAVF CPZ, Top 230 miles, and Top 50 Miles? Currently, this data is showing around 0.82 miles gleaned for undergrounding in 2024. I. If not, provide the updated milesge. II. If so, when does PGAE itended to select locations for additional undergrounding in 2024 of the currently selected, how is PGAE planning on expediting undergrounding for completion in 2024? I. V. Alth the locations for girl hardering, as a whole, selected for 2024 (i.e., know v. At the locations for girl hardering, as a whole, selected for 2024 (i.e., know I. V. Alth the location to pright hardering and represented response including these	Kevin Miller	4/15/2022	4/20/2022	4/20/2022	0	4.6		System Hardening
Delis	233	OEIS	Set 10	OEIS-PG&E-22- 010	3		are expected to come from planned miligations and "PGAE is currently still in the process of finalizing locations for central 2022 miligations but articipates this following militagritoms to come online in 2022. These include: 1 finalizing the control of the c	Kevin Miller	4/15/2022	4/20/2022	4/20/2022	1	8.1.4	PSPS	Future Plans
235 OEIS Set 11 OEIS-PG&E-22- 011 2 Subject for implementation evides both at the distribution and part of the distribution	234	OEIS	Set 11	OEIS-PG&E-22- 011	1		the decision tree presented in 2021 for the 2022 scope of work." all this is reference to the decision-free provided in response to PG&E- all this is reference to the decision-free provided in response to PG&E- Stevanse and where scene PG&Es take modeling about their. Set of the provided in the provided in the provided in response takes to the decision-free discussed in part (p)? C. When was this decision-making process first implemented? All thou does this align and/or differ with the system hardening decision-making methodology presented on May 21, 3221, to the Widthe Safety Division (titled white Changes to PG&Es decision-making have been made since the May white Changes to PG&Es decision-making have been made since the May	Kevin Miller	4/22/2022	4/27/2022	4/27/2022	1	7.3.3		Additional Detail
236 OEIS Set 11 OEIS PO&E 2- 011 3 Shustinonal Assertance and Processing S	235	OEIS	Set 11		2		targets for implementing sectionalization devices both at the distribution and transmission levels. For distribution, PG&E's targets decreased from 250 in 2021 to 100 in 2022. For transmission, PG&E's targets decreased from 29 in	Kevin Miller	4/22/2022	4/27/2022	4/27/2022	0			Transmission Line
237 OEIS Set 12 OEIS-PG&E-22- 1 OEIS	236	OEIS	Set 11	OEIS-PG&E-22- 011	3	OEIS-PG&E- 22-011_3	a.Please explain how PG&E has determined 1300 weather stations as its long- term goal for weather stations density.	Kevin Miller	4/22/2022	4/29/2022	4/29/2022	1	7.3.2.1.3	Awareness and Forecasting	Weather monitoring
Colis-PG&E-22- 2	237	OEIS	Set 12		1		provided April 25, 2022: a. PG&E has modified its pole clearing program target to inspect and clear (where clearance is needed) all poles identified in PG&E's VM Database, as of	Kevin Miller	4/29/2022	5/4/2022	5/4/2022	0	7.3.5.2	and Management Practices for	Pole Clearing
239 OEIS Set 12 OEIS-PG&E-22- 012 3 CEIS-PG&E-22- 012 3 CEIS-PG&	238	OEIS	Set 12		2		a. How many customer complaints has PG&E received regarding EPSS since implementation in June 2021? Provide a breakdown of number by month. b. What lessons learned has PG&E implemented as a result of EPSS-related	Kevin Miller	4/29/2022	5/4/2022	5/4/2022	0	7.3.6.8		EPSS
Vegetation Veg	239	OEIS	Set 12	OEIS-PG&E-22- 012	3		Resparding orable 12 from PG&E's 2022 WMP Update: a. Why does PG&E project an overall increase in ignitions from 2022 to 2023? b. Why does PG&E project a slight increase in overall ignitions for Tier 2 from 2022 to 2023?	Kevin Miller	4/29/2022	5/4/2022	5/4/2022	0	6.7	Performance Metrics and Underlying Data	Projected Drivers of
Compared 15 under Propagation, including Compared 25 under Post C	240	OEIS	Set 12		4		vegetation management programs which will use the One VM Tool. Energy Safety acknowledges it defined "Future improvements to initiative" as "the next 5 years," le., 2022-2028 (2022 Guidelines, Attachment 2, page 74). Energy	Kevin Miller	4/29/2022	5/4/2022	5/4/2022	0	7.3.5.19	Management (VM)	Management
Times are the included in the Four future search to close the first of the Control of the Cont	241	OEIS	Set 12		5		Softs, and to understand whether "Sheet term innerrepresents (2002 2002)" in On page 915 under "Preparation for Re-Inergization "Rost lists the restoration team's activities leading up to re-energization, including "Determine if any Customer Owned Lines identified as being at risk are within the event footprint (both transmission and distribution) as detailed in Section 7.3.6.4.	Kevin Miller	4/29/2022	5/4/2022	5/4/2022	0	8.2.4	<u> </u>	Re-Energization
	242	OEIS	Set 13		1		These are then isolated either during segmenting schilder or during natios but. Regarding information in its Fourth Errata to its 2022 WMP Update, provided April 29, 2022, PG&E has modified the number of circuits from 988 to 1,018 and introducedlanguage to indicate that the May 1st and August 1st target	Kevin Miller	5/6/2022	5/11/2022	5/11/2022	0	7.3.6.8		Equipment and

		,				The Wildfire Distribution Risk Model (WDRM) is undergoing third-party review to		,	,	, ,		,			
243	OEIS	Set 14	OEIS-PG&E-22- 014	1	OEIS-PG&E- 22-014_1	The William Dissipation Pask woder (WDRW) is unred going into-party review to check for validation. PG&E previously conveyed that the WDRM V3 Validation Report would be published April 29, 2022. Energy Safety requests a copy of this report as soon as it is available. In the laterian places provide the place of could be presented to the place of the plac	Kevin Miller	5/13/2022	5/18/2022	5/18/2022	0		4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
244	OEIS	Set 14	OEIS-PG&E-22- 014	2	OEIS-PG&E- 22-014_2	costs related to WMP between 2021 and 2022. a. If so, please provide this cost differential information. i. Overall	Kevin Miller	5/13/2022	5/18/2022	5/18/2022	0		3.1	Actuals and Planned Spending for Migitation Plan	Summary of WMP initiative expenditures
245	OEIS	Set 14	OEIS-PG&E-22- 014	3	OEIS-PG&E- 22-014_3	I. B Highlight he biblish of the same o	Kevin Miller	5/13/2022	5/18/2022	5/18/2022	0		N/A	N/A	N/A
246	OEIS	Set 14	OEIS-PG&E-22- 014	4	OEIS-PG&E- 22-014_4	Regarding PGRE's Public Safety Specialist (PSS) Program a, Provide how many total Public Safety Specialists positions have been filled for the following years and the counties they were assigned to. 1. 2020	Kevin Miller	5/13/2022	5/18/2022	5/18/2022	4		7.3.9	Emergency Planning and Preparedness	Additional Detail
247	OEIS	Set 14	OEIS-PG&E-22- 014	5	OEIS-PG&E- 22-014_5	II: 2021. In its discussion of its EPSS Initiative 7.3.6.8 Protective Equipment and Device Settings (pp. 730-739) SCADA is not mentioned. a. Please discuss how SCADA is being implemented with EPSS enablement. b. How many EPSS devices are currently SCADA-enabled?	Kevin Miller	5/13/2022	5/18/2022	5/18/2022	1		7.3.6.8	Grid Operations and Protocols	Protective equipment and device settings
248	OEIS	Set 14	OEIS-PG&E-22- 014	6	OEIS-PG&E- 22-014_6	Althous an DCEET's mountain seek between seek whose through TODA for SCADA. Regarding PGSES work orders: a How many work orders within the HFTD in the past three years have decreased in profile yeels? What percentage of total work orders within the b. How many work orders within the HFTD in the past three years have increased in priority level? What percentage of total work orders within the HFTD in the past three years does this account for? Provide a possedwished of all work orders discussed in noaths and of above.	Kevin Miller	5/13/2022	5/18/2022	5/19/2022	1		7.3.4	Asset Management and Inspections	Additional Detail
249	CalPA	Set WMP-21	CalAdvocates-PGE- 2022WMP-21	1	CalAdvocate s-PGE- 2022WMP- 21_1	With regard to PG&E's undergrounding efforts in the HFTD for wildfire miligation purposes: a) Describe PG&E's current policy regarding undergrounding of existing service connections when the main lines are moved underground. b) Describe PG&E's current policy regarding the installation of new service connections underground when new main lines are installed underground (e.g. in a fire rebullar project or in new construction PG&E would underground the main line, but stated or leave the service connection development of personal line, but stated or leave the service connection development of profess register the factors that would contribute to PG&E's declared not be underground the service connection and the service connection of the profess register of the profess register that would contribute to PG&E's declared not be underground the service connections.	Holly Wherman Carolyn Chen	5/31/2022	6/17/2022	6/15/2022	0		7.3.3.16	Undergrounding of Electric Lines and/or Equipment	Additional Detail
250	CalPA	Set WMP-21	CalAdvocates-PGE- 2022WMP-21	2	CalAdvocate s-PGE- 2022WMP- 21_2	What is the average actual cost of installing service connections underground? Please provide this as a cost per foot (or a range of costs per foot, if variable) and state the time period from which this data is drawn.	Holly Wherman Carolyn Chen	5/31/2022	6/14/2022	6/14/2022	0		7.3.3.16	Undergrounding of Electric Lines and/or Equipment	Additional Detail
251	CalPA	Set WMP-21	CalAdvocates-PGE- 2022WMP-21	3	CalAdvocate s-PGE- 2022WMP- 21_3	Section 7.3.3 for OF PGSE's 2022 WMM discusses PGSE's plan to underground approximately 10,000 distribution croix miles in HFIDs. a) When PGSE undergrounds a segment of distribution circuit as part of its 10,000 miles undergrounding plan, once a plan to also underground that circuit's associated service connections? When PGSE's plans or plans to judge a circuit's associated service or plans to judge a circuit's associated service connections in the 10,000 circuit miles feed on the free length of those service connections in the 10,000 circuit miles feed of the plans of t	Holly Wherman Carolyn Chen	5/31/2022	6/17/2022	6/15/2022	0		7.3.3.16	Undergrounding of Electric Lines and/or Equipment	Additional Detail
252	CalPA	Set WMP-21	CalAdvocates-PGE- 2022WMP-21	4	CalAdvocate s-PGE- 2022WMP- 21_4	Section 7.3.17.6 of PG&E's 2022 WMP discusses PG&E's Buttle County Rebuild Program, which involves undergrounding the distribution within the town of Paradise and lower Magalia. a) Does PG&E install service connections underground as part of the Buttle County Rebuild Program? b) If the answer to part (a) is yes, please provide the actual to-date costs of undergrounding service connections as part of the Buttle County Rebuild of 10.11 the answer to part (a) is yes, please provide the actual to-date linear feet of service connections that have been undergrounded as part of the Buttle County Rebuild Program. d) Please provide the approximate percentage of service connections that have been to date) instituted above ground or fel above ground as part of the Buttle County Rebuild Program.	Holly Wherman Carolyn Chen	5/31/2022	6/14/2022	6/14/2022	0		7.3.3.17.6	Butte County Rebuild Program	Additional Detail
253	OEIS	Set 15	OEIS-P&GE-22- 015	1	OEIS-P&GE- 22-015_1	a) Please provide an Exod table with the following information in new columns added to the Excel table PGGE submitted in response to CalAdvocates-PGE-2022VMP-D0 ² Questions 1, 2, and 3: 1. Reason for reinspace (n) if applicable) [and the provide and provide	Kevin Miller	6/3/2022	6/15/2022	6/15/2022	6		7.3.4	Asset Management and Inspections	Additional Detail
254	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	1	CalAdvocate s-PGE- 2022WMP- 22_1	a) On December 9, 2021, was PG&E using the Hell-Saw for wildfire mitigation purposes? b) if the answer to part (a) is yes, please identify the WMP initiative that this activity was part of.	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
255	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	2	CalAdvocate s-PGE- 2022WMP- 22_2	When did PG&E first become aware that the Hell-Saw had operated within Wunderlich County Park on December 9, 2021?	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines
256	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	3	CalAdvocate s-PGE- 2022WMP- 22_3	a) Which public agencies (e.g., CPUC, CEIS, Cal Fire, San Mateo County) did PG&E notify (prior to December 9, 2021) that it planned to operate a Heil-Saw in Wunderfich County Park? b) For each agency in response to part (a), list the date PG&E gave notice to that agency.	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	and Equipment Vegetation Management to Achieve Clearances Around Electric Lines
257	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	4	CalAdvocate s-PGE- 2022WMP- 22_4	a) To which public agencies (e.g., CPUC, OEIS, Cal Fire, San Mateo County) did PG&E report that it had operated a Heis-Saw in Wunderlich County Park on by For each agency in response to part (a), list the date PG&E made its report to that agency. c) Please provide copies of all reports to the agencies in response to part (a).	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	and Equipment Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
258	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	5	CalAdvocate s-PGE- 2022WMP- 22_5	The articles states that PLOES said its HeS-Saw contractor misstakenity attripled several hundred feet into parliand after dong permitted work on nearby private land. 3. The property of the	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
259	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	6	CalAdvocate s-PGE- 2022WMP- 22_6	Please provide copies of the results of any internal audits or investigations that PG&E has performed in relation to the operation of the Hell-Saw in Wunderlich County Park on December 9, 2021.	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
260	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	7	CalAdvocate s-PGE- 2022WMP- 22_7	a) Describe PCEST's rumers protoco for leeping members of the public out of the public out of the sine indexes the Hossian is operating. b) Bearothe all precautions that PGSE takes to protect public safety while the Hel-Saw is operating. c) Describe all precautions that Hel-Saw contractor takes to protect public safety while the Hel-Saw is operating. c) Hear PCSE changed is protected and or protocol rated to the Hel-Saw operation of the Hel-Saw operation in the review story. for notice of volution described in the news story. for Police provide a copy of all PCESE procedures, lob aids, or other guidance documentation leaded to operation of the Hel-Saw.	Holly Wehrman	6/7/2022	7/5/2022				7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment

261	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	8	CalAdvocate s-PGE- 2022WMP- 22_8	a) Does PG&E utilize the Hell-Saw in HFTD areas for the purposes of wildfire miligation? b) If the state when the part (a) is yes, please list all initiatives from PG&E's 2022 b) if the state which the He-Sa eller abbe untilized to disc. c) if the granew to part (a) is yes, please list all initiatives from PG&E's 2022 WMP Update in which is expects to stilline the Hell-Saw in the stature. d) if the granew to part (a) is yes, why didn't PG&E mention the Hell-Saw in its 2022 WMP Update.	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
262	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	9	CalAdvocate s-PGE- 2022WMP- 22_9	Pages 825-826 of PGAE's 2022 WMP Update discuss community outreach about wildfire mitigation activities, including helicopter operations: To set expectations with customers and with the goal of imiting work refusals or access issues, PGAE uses various communication methods, such as letters, postcards, text messages, e-mails, and automated calls brough interactive Voter Recordings. Water Recordings. See a post of the second or seed or se	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
263	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	10	CalAdvocate s-PGE- 2022WMP- 22_10	The news story states, "Sampson estimated that branches of up to eight inches in diameter fella a much as 150 feet to the ground in the park." a) In normal operation of the Hell-Saw, how does PG&E protect the public form heavy branches talling, as described above? b) In normal operation of the Hell-Saw, how does PG&E protect employees and b) in commal operation of the Hell-Saw flow does PG&E protect employees and source?	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
264	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	11	CalAdvocate s-PGE- 2022WMP- 22_11	The news story states. "The operation, according to Sampson, created hundreds of 2-60 to 6-60-deg states fell miss that littered the Forest floor, that will filely die and create a the hazard." If the state of th	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
265	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	12	CalAdvocate s-PGE- 2022WMP- 22_12	from normal Hell-Saw operations. The news story states, "Because ground crews were on hand before and after the operation at the park, the utility said, there were no safety issues. nor was the public in danger at any time." a) In normal Hell-Saw operations, what are the duties of the ground crews mentioned above? b) How many populo, on everage, are in each ground tere for a typical Hell-Saw operation? c) How many populo, on everage, are in each ground crew for a typical Hell-Saw operation of the Hell-Saw populor of the same state of the planned flight path? c) How does the Hell-Saw picts ensure that they follow the planned flight path? Please describe why the ground crews on December 9, 2021 ween not aware that the Hell-Saw had traveled "bewelf hundred feet from previous".	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
266	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	13	CalAdvocate s-PGE- 2022WMP- 22_13	The news story states that Cal Fire released a notice of violation in February 2022. a) Provide a copy of the notice of violation described above. b) Provide a copy of PO&E's response to the Cal Fire notice of violation described above. c) Provide a copy of PO&E's response to the Cal Fire notice of violation from any government agency. c) Provide a copy of the HeV-Siev on December 9, 2021. d) Provide a copy of all of PO&E's response to any onthing of the HeV-Siev on December 9, 2021.	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
267	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	14	CalAdvocate s-PGE- 2022WMP- 22_14	The news story states, "PG&E says it is conferring with Cal Fire over the Heli- Saw related violation notice as well as the permit dispute." as JWhat is the current status of discussions between Cal Fire and PG&E, related to the violation, noted above? b) What is the current status of the permit dispute, noted above?	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
268	CalPA	Set WMP-22	CalAdvocates-PGE- 2022WMP-22	15	CalAdvocate s-PGE- 2022WMP- 22_15	 a) is PG&E engaged in any legal or administrative proceedings related to its use of the Hell-Saw in Wunderlich County Park on December 9, 2021? b) if the answer to part (a) is yes, please list all such proceedings and the venue. 	Holly Wehrman	6/7/2022	7/5/2022			7.3.5.20	Vegetation Management (VM) and Inspections	Vegetation Management to Achieve Clearances Around Electric Lines and Equipment
270	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	1Supp	CalAdvocate s-PGE- 2022WMP- 03_1Supp	seas note that the peographical regions are mutually exclusive (i.e. "Other HETD" excludes areas that are in either Tee 2 or Tee 3. Therefore, for any given circuit, the following relationships should hold-Tier 2 miles * Ter 3 miles + Other HETD miles = stall HETD miles = Tier 2 miles = Tee 3 miles = Other HETD miles = non-HETD miles = total circuitmiles Provide an Excel table of all distributionic rosts existing a of January 1, 2022 (as rows) hall includes the following information in separate columns. bobb Miles of LDRR inspection in Non-HETD in 2020 cost Miles of LDRR inspection in Non-TETD are 1020 than providen Other HETD in 2021 fff Miles of LDRR inspection HETD Tee 2 in 2020gagg Miles of LDRR inspection in FITD Tee 2 in 2021 thin, Miles of LDRR inspection HETD Tier 3 in 2021	Alan Wehrman	1/25/2022	TBD			N/A	Miscellaneous	Additional Detail
271	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	1	CalAdvocate s-PGE- 2022WMP- 23 1	State how many customer accounts PG&E has as of June 29, 2022, and disaggregate the total by HFTD tier (as defined above).	Tyler Holzschuh	6/29/2022	7/14/2022					Wildfire Risk Data
272	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	2	CalAdvocate s-PGE- 2022WMP- 23_2	Please provide the protective device settings that PG&E plans on using in HFTD areas during high fire-risk weather in 2022, including the following parameters: a) the minimum to trip current; b) Definite time delay; c) Time curve; and d) Goordination parameters.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	Device settings
273	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	3	CalAdvocate s-PGE- 2022WMP- 23 3	If any of the parameters identified in question 2 depend on the normal operating parameters for its protective devices (i.e., device settings such as the minimum to trip during ordinary weather), please describe how PG&E determines those normal operating parameters.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	Device settings
274	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	4	CalAdvocate s-PGE- 2022WMP- 23_4	a) Please state whether PG&E plans (in 2022) to coordinate protective devices with fuser time overcurrent curves, or plans on operating protective devices in a fuse-sening mode (i.e. the recloser/circuit breaker trips before the fuse operates) while fast curve settings are in effect. b) Please explain the reasoning for PG&E's choice(s) in part (a) of this question.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	Device settings
275	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	5	CalAdvocate s-PGE- 2022WMP- 23_5	Please provide: a) Any studies that show how PG&E determined that the protective device settings identified in question 2 are the best settings to use during high fire-risk weather; and b) Any studies of the expected impact to reliability due to the settings identified in question 2.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	Device settings
276	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	6	CalAdvocate s-PGE- 2022WMP- 23_6	Please provide the protective deuce settings that PGSE normally uses (i.e., outside of HFTD or outside of high fire risk weather) in 2022, including the following parameters: a) The minimum to trip current; b) Definite time deury; (c) Time curve; and d) Goodmandon parameters.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	Device settings
277	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	7	CalAdvocate s-PGE- 2022WMP- 23_7	Please provide the following details regarding flast curve settings that PG&E used in 2021 during high fire-fisk wealth on east downstream reciseer, in a) how PG&E calculates the fault duty of the following the recise of situal PG&E calculates (e.g. line-to-line, total-en-to-ground, line-to-line, total-en-to-ground); 2) how PG&E coordinated circuit breakers and main line reclosers with fuses, 3 c) What the instantaneous tripping currents in 2021 were for the hot-line tag (H.1) settings most considerations.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	Device settings
278	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	8	CalAdvocate s-PGE- 2022WMP-	Please provide an unredacted version of the spreadsheet "WMP- Discovery2022_DR_OEIS_005-Q10Atch01_CONF.xlsx*.	Tyler Holzschuh	6/29/2022	7/14/2022				EPSS	EPSS
Pre- Discove ry 01	CalPA	Set WMP-02	CalAdvocates-PGE- 2022WMP-02	1	23 8 CalAdvocate s-PGE- 2022WMP- 02_1	Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by internal entities that were completed since January 1, 2021 and that examined any programs, initiatives, or strategies described in your 2021 WIMP Update.	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	17	7.3.4	Asset Management and Inspections	QA/QC Reports
Pre- Discove ry 02	CalPA	Set WMP-02	CalAdvocates-PGE- 2022WMP-02	2	CalAdvocate s-PGE- 2022WMP- 02_2	Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by external entities that were completed since January 1, 2021 and that examined any programs, initiatives, or strategies described in your 2021 WIMP Update. External entities include, but are not limited to, contractors, auditors, the Federal Montor, and Independent	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	27	7.3.4	Asset Management and Inspections	QA/QC Reports
Pre- Discove ry 03	CalPA	Set WMP-02	CalAdvocates-PGE- 2022WMP-02	3	CalAdvocate s-PGE- 2022WMP- 02_3	Evaluation is excel table of all defects in the year 2021 found by Energy Safety's Compliance Branch (or, previously, the CPUCS Widdler Safety Division) (i.g. and Compliance Branch (or, previously, the CPUCS Widdler Safety Division) (i.g. and Compliance Branch (or, previously, p	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 04	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	1	CalAdvocate s-PGE- 2022WMP- 03_1	operated on Biorela seed on consequence of the process of the proc	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	1	N/A	Miscellaneous	Additional Detail

Pre- Discove ry 05	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	2SUPP	CalAdvocate s-PGE- 2022WMP- 03_2SUPP	Supplemental for Q2 Provide an Excel table of all transmission circuit-segments existing as of January 1, 2022 (as rows) that includes the same information listed above in Question 1.	Alan Wehrman	12/17/2021	2/15/2022	2/15/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 05	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	2	CalAdvocate s-PGE- 2022WMP- 03_2	Provide an Excel table of all transmission circuit-segments existing as of January 1, 2022 (as rows) that includes the same information listed above in Question 1.	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 06	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	3	CalAdvocate s-PGE- 2022WMP- 03_3	Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. a) Provide the median amount of person-hours to perform a single climbing inspection of a transmission tower in 2021. b) Provide the total number of transmission towers that PG&E performed climbing inspections or in 2021.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 07	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	4	CalAdvocate s-PGE- 2022WMP- 03_4	Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. a) Provide the median amount of person-hours to perform a single drone inspection of a transmission tower in 2021. b) Provide the total number of transmission towers that PG&E performed drone inspections on in 2021.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 08	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	5	CalAdvocate s-PGE- 2022WMP- 03_5	Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. a) Provide the median amount of person-hours to perform a single detailed ground inspection of a transmission tower in 2021. b) Provide the total number of transmission towers that PG&E performed refellated ground inspections on in 2021.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 09	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	6	CalAdvocate s-PGE- 2022WMP- 03_6	Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. 3) How many Priority A corrective tags were issued as a result of transmission tower climbing inspections performed in 2021? b) How many Priority B corrective tags were issued as a result of transmission tower climbing inspections performed in 2021?	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 10	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	7	CalAdvocate s-PGE- 2022WMP- 03_7	Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. 3) How many Priority A corrective tags were issued as a result of transmission tower drone inspections performed in 2021? 3) How many Priority B corrective tags were issued as a result of transmission tower drone inspections performed in 2021?	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 11	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	8	CalAdvocate s-PGE- 2022WMP- 03_8	Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towes. 10 a) How many Priority a corrective tags were issued as a result of transmission tower detailed ground inspections performed in 2021? b) How many Priority B corrective tags were issued as a result of transmission tower detailed ground inspections performed.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 12	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	9	CalAdvocate s-PGE- 2022WMP- 03_9	In 2012. Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. a) How many Priority A corrective tags were issued as a result of work verification or quality control of transmission tower climbing inspections performed in 2021 to J How many Priority B corrective tags were issued as a result of work verification or quality control of corrective tags were issued as a result of work verification or quality control of	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 13	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	10	CalAdvocate s-PGE- 2022WMP- 03_10	Incomplisation tower clipships inspections organized in 2021, 2021. Note: this question freles to transmission structures generally, and should not be construed to be limited to 500 kV towers. a) How many Phriority A corrective tags were issued as a result of work verification or quality control of transmission tower drone inspections performed in 2021? 3) How many Phriority B corrective tags were issued as a result of work verification or quality control of transmission.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 14	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	11	CalAdvocate s-PGE- 2022WMP- 03_11	Natural fromos inspections and reformed in 2011? Note: this question offers to transmission structures generally, and should not be construed to be limited to 500 kV towers, a) How many Phority A corrective data with the construction of the cons	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 15	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	12	CalAdvocate s-PGE- 2022WMP- 03_12	Ingenission tower detailed crown of inspecifions performed in 2021? Please note hat the geographical regions are mutually exclusive (i.e., "Other HFTD" excludes areas that are in either let? or Tier 3). Therefore, for any given circuit-segment, the following relationships should hold: The 2 miles - Tier 3 miles - Other HFTD miles = total HFTD miles. The 2 miles - Tier 3 miles - Other HFTD miles = total HFTD miles.	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	0	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 15	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	12 REV	CalAdvocate s-PGE- 2022WMP- 03_12 REV	Present of the fit the geographical regions are mutually exclusive (i.e., "Other HFID" excludes areas that are in either HE2 or Ties 3). Therefore, for any given circuit-segment, the following relationships should hold: Tier 2 miles - Tier 3 miles - Other HFID miles = total HFID miles. Tier 2 miles - Tier 3 miles - Other HFID miles = von-HFID miles = total	Alan Wehrman	12/17/2021	4/1/2022	4/1/2022	0	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 16	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	1	CalAdvocate s-PGE- 2022WMP- 04_1	For each POU to which you supply power, please respond to the following: Describe what coordination, planning, or other activities took place in 2021 between you and the POU and its customers.	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0	8	PSPS	Communication with Publicly-Owned Utilities
Pre- Discove ry 17	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	2	CalAdvocate s-PGE- 2022WMP- 04_2	Provide a shapefile containing, as line features, the most recent spatial data for all circuit segments for which PGSE. has used its Widfer Distributions for which PGSE has used the Widfer Distribution with Model to calculate circuit-segment-level expected risk. Include the following fields for each circuit-segment. For liter (d), please include all relevant risk scores as separate attributes. For example, include vegetation risk score,	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1	7.1.F	Wildfire Mitigation Strategy	Wildfire Risk Data
Pre- Discove ry 18	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	3	CalAdvocate s-PGE- 2022WMP- 04_3	conductor disk erone and all offised delaware-effer disk erones DOSE has Regarding your PSPS crokum fooding capabilities, a PPassa describe your present circuit modeling capabilities, including with what level of granularity (PSPS circuit modeling capabilities), including with what level of granularity they are able to determine how circuit hardening efforts or other changes to a line segment with affect PSPS thresholds. b) Pleases describe any improvements	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0	8.1 and 8.2	PSPS	Additional Detail
Pre- Discove ry 19	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	4	CalAdvocate s-PGE- 2022WMP- 04_4	In the present PSRS circuit modeling consplittles that sou upport to incidence to Model this question refers to transmission structures generally, and should not be construed to be limited to 500 W towers. a) Provide the total number of transmission towers that PGSE forecasts performing climbing inspections on in 2022. b) Provide the total number of transmission towers that PGSE forecasts performing climbing inspections on in 2022. c) Provide the total number of 2022. c) Provide the 2022 c) Provide the	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0	7.3.4.2	Asset Management and Inspections	Detailed Inspections - Transmission
Pre- Discove ry 20	CalPA	Set WMP-04	CalAdvocates-PGE 2022WMP-04	5 (a,b)	CalAdvocate s-PGE- 2022WMP- 04_5 (a,b)	Less assigned better the Child Forestell and the Child Forestell and English Forestella an	Alan Wehrman	12/17/2021	3/4/2022	3/4/2022	1	3.1	Summary of Wildfire Mitigation Plan Initiative Expenditures	Additional detail on expenditures
Pre- Discove ry 20	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	5 (c-d)	CalAdvocate s-PGE- 2022WMP- 04_5 (c-d)	Supplemental to OS For any program for which you forecast capital expenditures in 2022 to be at least two times actual expenditure in 2021, please provide: a) The name of the program as it is identified in your 2022 WMP Update b) The WMP Initiative Supplemental to OS of sizes 2020 WMMR Libetales at The scene of this conceans as Supplemental to OS of sizes 2020 WMMR Libetales at These scene of this conceans as	Alan Wehrman	12/17/2021	3/11/2022	3/4/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 20	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	5 (e)	CalAdvocate s-PGE- 2022WMP- 04_5 (e)	For any program for which you forecast capital expenditures in 2022 to be at least two times actual expenditure in 2021, please provide: a) The name of the program as it is identified in your 2022 WMP Update b) The WMP Initiative	Alan Wehrman	12/17/2021	3/14/2022 (Noon)	3/14/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 21	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	6 (a,b)	CalAdvocate s-PGE- 2022WMP- 04_6 (a,b)	number in Table 1.2 of user 2072 MMB Liberlay on The name of the nonceme set less than 10 miles of the month of the program as the last two times actual expenditure in 2021, please provide: 7 a) The name of the program as it is identified in your 2022 MMP Update b) The VMP Illiadium number in Table 1.2 of your 2022 MMP Update o) The name of the program as the prog	Alan Wehrman	12/17/2021	3/4/2022	3/4/2022	1	3.1	Summary of Wildfire Mitigation Plan Initiative Expenditures	Additional detail on expenditures
Pre- Discove ry 21	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	6 (c-d)	CalAdvocate s-PGE- 2022WMP- 04_6 (c-d)	13.5 d.yusz 2021 VMEP Lipidasa a là na exclanation for the norsicated increases Supplemental for Qualetion 6 For any program for which you forecast operating expenditures in 2022 to be at least two times actual expenditure in 2021, please provide: 7 a) The name of the program as it is identified in your 2022 VMEP Update b) The VMEP Initiative Supplemental to Qualetic for 5.	Alan Wehrman	12/17/2021	3/11/2022	3/4/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 21	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	6 (e)	CalAdvocate s-PGE- 2022WMP- 04_6 (e)	For any program for which you forecast operating expenditures in 2022 to be at least two times actual expenditure in 2021, please provide: 7 a) The name of the program as it is identified in your 2022 WMP Update b) The WMP Initiative	Alan Wehrman	12/17/2021	3/14/2022 (Noon)	3/14/2022	0	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 22	CalPA	Set WMP-04	CalAdvocates-PGE 2022WMP-04	7	CalAdvocate s-PGE- 2022WMP- 04_7	jember 17,586 1.20 fasor. 1772 MMRE 1 Indiae n.TTpe name of the program as projects in 2022 The verticals related be an a Excel format, with creat-segments as rows. Please include the same information as in PG&E's Enhanced Oversight And Enforcement Process Corrective Action Plan 90-Day Report Pursuant To Resolution M-4852. November 4, 2021, Attachment E. 100000916 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 1000009162 (2010) 10000009162 (2010) 10000009162 (2010) 1000000000000000000000000000000000	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1	7.3.5.2	Vegetation Management (VM) and Inspections	Enhanced Vegetation Management
Pre- Discove ry 23	CalPA	Set WMP-04	CalAdvocates-PGE 2022WMP-04	8	CalAdvocate s-PGE- 2022WMP- 04_8	Provide PC&E's workplain that describes where and when you will perform system hardening on distribution circuits in 2022. For projects that you expect to partially complete in 2022 (i.e. projects that started before 2022 and are expected to continue in 2022, or projects that are expected to be completed after 2022), please include the project and report the work that you forecast will actually be preformed in calendar user 2019.77 this workplain shared that projects are projects and the project and report the work that you forecast will actually be preformed in calendar user 2019.77 this workplain shared that the project and the project	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1	7.3.3.17.1	Grid Design and System Hardening	System Hardening - Distribution
Pre- Discove ry 24	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	9	CalAdvocate s-PGE- 2022WMP- 04_9	Provide PG&E's workplan that describes where and when you will perform system hardening on transmission circuits in 2022. Include the same information detailed in the preceding question.	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1	7.3.3.17.2	Grid Design and System Hardening	System Hardening - Transmission
Pre- Discove ry 25	CalPA	Set WMP-04	CalAdvocates-PGE- 2022WMP-04	10	CalAdvocate s-PGE- 2022WMP- 04_10	Please provide disaggregated information related to system hardening in the tables below. Note: in PG&E's 2021 WMP Update, this information was aggregated into Section 7.3.3.17.1 "Updates to grid topology to minimizer six of upinion in HETDs. System Hardening, Distribution" in Table 12.a. Please fill out the table below, disaggregating the actual and projected spending amounts as shown, Add actra columns, see aspecial. Total Line Regnous Rejacchion, of	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0	7.3.3.17.1	Grid Design and System Hardening	System Hardening - Distribution
Pre- Discove ry 26	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	1	CalAdvocate s-PGE- 2022WMP- 05_1	shored Activation and the second and the second activation activation and the second activation a	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	1	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 27	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	2	CalAdvocate s-PGE- 2022WMP- 05_2	Question 2 a) is KDF still engaged with PG&E to perform EVM work? b) is KDF currently engaged with PG&E as a contractor for any work other than EVM?	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous

Pre- Discove ry 28	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	3	CalAdvocate s-PGE- 2022WMP- 05_3	Question 3 The article alleges that the contractor, KDF, did not have an encroachment permit to do road work on Thomas Road in the Salmon Creek watershed, a) is accurate that KDF did not have an encroachment permit to do road work in the area described, as alleged in the article? b) If the answer to part (a) a yee, please explain why KDF did not secure the proper permits prior	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 29	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	4	CalAdvocate s-PGE- 2022WMP- 05_4	In nediction income a work. Question 4 The article alleges that KDF had left logs and chips in the ditch, plugged culverts, and damaged the shoulders of a road. Are these allegations accurate with respect to KDF's work in this area? If not, please describe the inaccuracies or omissions in the article.	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 30	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	5	CalAdvocate s-PGE- 2022WMP- 05_5	Question 5 The article states that a PGAE spokesperson confirmed that KUF 'did not complete the voic to [PGAE's] satisfaction." a) Is PGAE aware of other instances during 2021 in which KUF did not complete EVM work to PGAE's satisfaction? b) if the answer to part (a) is yes, pieses list all such instances, including it the location of the work. It the date(s) of the work, and iii. the	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 31	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	6	CalAdvocate s-PGE- 2022WMP- 05_6	reacons that the work was unsatisfactor. Question 6 Following the August CZU Infining Complex Fire in the Santa Cuzz Mountains in 2020, PGSE received several complaints from local governments regioning contractors falling to secure supporpriate permits and causing erosion on narrow reads. 3 i) Following these complaints, what specific actions did PGSE tate to improve contractor performance? b) Following these	Alan Wehrman	12/23/2021	1/24/2022	1/10/2022	0	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 32	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	7	CalAdvocate s-PGE- 2022WMP- 05_7	Compliant, what a median-circus of the Conference of the Conferenc	Alan Wehrman	12/23/2021	1/24/2022	1/24/2022	1	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 32	CalPA	Set WMP-05	CalAdvocates-PGE- 2022WMP-05	7 SUPP	CalAdvocate s-PGE- 2022WMP- 05_7 SUPP	List all instances in 2020 and 2021 that PG&E is aware of in which a local government has complained to or about PG&E regarding vegetation management work performed by PG&E or a contractor of PG&E. For each such instance, please state:	Alan Wehrman	12/23/2021	1/24/2022	1/24/2022	1	7.3.5.2	Vegetation Management (VM) and Inspections	Miscellaneous
Pre- Discove ry 33	CalPA	Set WMP-06	CalAdvocates-PGE- 2022WMP-06	1	CalAdvocate s-PGE- 2022WMP- 06_1	The following questions relate to the PGSE Independent Monitor Report of November 19, 2021, Krisland & Elia LLP, flied on November 23, 2021 (the Monitor's 2021 report) 2 Question 1 The Monitor's 2021 report describes an ignition that occurred on June 16, 2021. The report states that PGSE's Preliminary Ignition Investigation Report (PIRI's attributed the ignition to 'a rotten Cuestion's 2 The Monitor's 2021 report states: The cross arm was first identified.	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	2	7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre- Discove ry 34	CalPA	Set WMP-06	CalAdvocates-PGE- 2022WMP-06	2	CalAdvocate s-PGE- 2022WMP- 06_2	Question 2: Ine Monitor's autz' report states: In cross arm was this inemitted in connection with an August 19, 2019 patrol. The tap had a due date of February 19, 2020 (a 6-month Priority Euro). The repair was permitted and ready for construction in April 2020 (hing hing) was already lately, but was need completed. On September 10, 2020, the notification was reassessed and the Question 3P, 37 of the Monitor's 2021 report describes PG&E's Field Safety.	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	0	7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre- Discove ry 35	CalPA	Set WMP-06	CalAdvocates-PGE- 2022WMP-06	3	CalAdvocate s-PGE- 2022WMP- 06_3	Question > P. 37 of the Nontion's 20/21 report describes In-Quest is need Satery Reassessements (FSR) process, in which unreacelved tags are periodic Gluestion 19 years of PSR process PSP) Pleases provide copies of all inspection reports related to the tag on the crossam described in Question 2, including countries of the Month of PSR process PSR proce	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	4	7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre- Discove ry 36	CalPA	Set WMP-06	CalAdvocates-PGE- 2022WMP-06	4	CalAdvocate s-PGE- 2022WMP- 06_4	Question 4 The Monitor's 2021 report states? As of the date of the PHIK, there were 1290 open notifications on the same circuit associated with common ignition drivers, of which 886 were past due and 256 were due within six months. Of these, 66 open notifications were associated with cross arms, of which 55 were past due and 11 were due within six months. 3 a) Following the notification and 1.6 2021 with DEAZ frainment or Charbancies assesses the 88R.	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	0	7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre- Discove ry 37	CalPA	Set WMP-06	CalAdvocates-PGE- 2022WMP-06	5	CalAdvocate s-PGE- 2022WMP- 06_5	Question 5 a) Does PG&E have a plan to address the late tags that exist on its system in HFTD? b) if the answer to part (a) is yes, will this plan be described in PG&E's 2022 WMP? c) if the answer to part (a) is no, please explain why not. Recarding PG&E's 2021 distribution system hardening efforts, as described in	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
Pre- Discove ry 38	CalPA	Set WMP-07	CalAdvocates-PGE- 2022WMP-07	1	CalAdvocate s-PGE- 2022WMP- 07_1	regarding Poacs 2021 distribution system hardening entors, as described in section 7.3.3.17.1 fits 2021 Revised WMP: a) How many miles of distribution system hardening did PG&E complete in 2021?	Alan Wehrman	12/23/2021	2/1/2022	2/1/2022	0	7.3.3.17.1	Grid Design and System Hardening	System Hardening
Pre- Discove ry 39	CalPA	Set WMP-07	CalAdvocates-PGE- 2022WMP-07	2	CalAdvocate s-PGE- 2022WMP- 07_2	Please provide a GIS file showing where PG&E completed distribution system hardening work in 2021, in accordance with section 7.3.3.17.1 lts 2021 Revised WMP. The November 23, 2021 Federal Monitor's report's states:	Alan Wehrman	12/23/2021	2/1/2022	2/1/2022	1	7.3.3.17.1	Grid Design and System Hardening	System Hardening
Pre- Discove ry 40	CalPA	Set WMP-07	CalAdvocates-PGE- 2022WMP-07	3	CalAdvocate s-PGE- 2022WMP- 07_3	In 2021, the Monitor team conducted an in-Self treview of 1,628 distribution structures in HFTDs that had been inspected by PG&E. Approximately 27% of the structures had potential exceptions related to field conditions, for a total of The November 32, 2021 Federal Monitor report Selfs.	Alan Wehrman	12/23/2021	2/1/2022	2/1/2022	0	7.3.4.1	Asset Management and Inspections	Inspections - Distribution
Pre- Discove ry 41	CalPA	Set WMP-07	CalAdvocates-PGE- 2022WMP-07	4	CalAdvocate s-PGE- 2022WMP- 07_4	In 2021, the Monitor team inspected 304 electric transmission structures via PGSE serial photography records. Approximately 47% of the steel structures inspected histo potential exceptions, for a total of 160 missed issues across 88 inspected history serial potential exceptions, for a total of 160 missed issues across 88 The following questions relate to the PGSE independent Monitor Report of	Alan Wehrman	12/23/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Inspections - Transmission
Pre- Discove ry 42	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	1	CalAdvocate s-PGE- 2022WMP- 08 _1	The bulbwing (president) in least of the 19-22a- ridge-pellular monitor Report or November 19, 2021, Krikland & Ellis LLP, filled on November 23, 2021 (the Monitor's 2021 report), 3 and PO&E's responses to Data Request CalAdvocates-PE-2022/WIMP-06, dated January 10 and 14, 2022. PO&E response to Data Request CalAdvocates-PE-2022/WIMP-06 states that the ignition of the 19-22a- POWER PERMITTER STATES AND ADMINISTRATION OF THE PERMITTER STATES AND ADMINI	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 43	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	2	CalAdvocate s-PGE- 2022WMP- 08_2	Today response of valente control was a subsection of the finding "Open Wile Service to an inspection report from June 13, 2021 with the finding "Open Wile Service to washerhead", or Open Wile Secondary with libidation 19, Please explain what is meant by this Inding, by Please define "Open Wile Secondary", S PO&E is responsed to the property of the	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
Pre- Discove ry 44	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	3	CalAdvocate s-PGE- 2022WMP- 08_3	an inspection report from June 13, 2021 which lists no "damage or compelling aboration and contitions" in all categories except "Other Required Data." Significant continues and properties of the properties of the continues of t	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre- Discove ry 45	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	4	CalAdvocate s-PGE- 2022WMP- 08_4	Total a response to bear request. See a consider of 2002 min repetition and singetion report from June 13, 2021. Regarding this inspection: a) Since June 16, 2021, has PG&E performed any quality control or reinspection activities to validate the completeness and accuracy of other inspections performed by the individual who performed the inspection on June 13, 2021? b) With answers Lond (Jul Issee, Inseem let and individual the performance of the section of the sectio	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.4.14	Asset Management and Inspections	Quality Assurance/Quality Control of Inspections
Pre- Discove ry 46	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	5 SUPP	CalAdvocate s-PGE- 2022WMP- 08_5 SUPP	Final ACE reports for 11 ignitions in 2021 The Monitor's 2021 report states, "For example, PG&E's recently established	Holly Wehrman	1/28/2022	4/8/2022	4/29/2022	2	7.3.7	Data Governance	Asset Failure Analysis
Pre- Discove ry 46	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	5 (a,b)	CalAdvocate s-PGE- 2022WMP- 08_5 (a,b)	Asset Failure Analysis Team causally connected a June 2021 (gritton to a broken cross arm. 7 a) When was PG&E's Asset Failure Analysis Team established? b) Please provide a brief description of the purpose and activities of the Asset Failure Analysis Team. c) Please describe what, if any, work proceedings of the Company of the Com	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.7	Data Governance	Asset Failure Analysis
Pre- Discove ry 46	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	5 (c-h)	CalAdvocate s-PGE- 2022WMP- 08_5 (c-h)	Asset Failure Analysis Team causally connected a June 2021 (gnition to a broken cross arm. 7 a) When was PG&E's Asset Failure Analysis Team established? b) Please provide a brief description of the purpose and activities of the Asset Failure Analysis Team. c) Please describe what, if any, work modural is northcreaf by the Asset Ealine Analysis Team (for exemple, written	Alan Wehrman	1/28/2022	3/4/2022	3/8/2022	0	7.3.7	Data Governance	Asset Failure Analysis
Pre- Discove ry 47	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	6	CalAdvocate s-PGE- 2022WMP- 08_6	What date does PG&E define as the start of the 2021 fire season?8 8 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question 2. PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06 states	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 48	CalPA	Set WMP-08	CalAdvocates-PGE- 2022WMP-08	7	CalAdvocate s-PGE- 2022WMP- 08_7	that, as of June 16, 2021, the priority of the corrective notification associated with the falled crossam was priority E.9 Why uses the corrective notification never reprioritized above priority E during the period of February 19, 2020 to June 16, 2021? 9 PG&E's response to Data Request CalAdvocates-PGE- 2072/MMAD.6C. Junestino. 2	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
Pre- Discove ry 49	CalPA	Set WMP-09	CalAdvocates-PGE- 2022WMP-09	1	CalAdvocate s-PGE- 2022WMP- 09_1	Provide an Exost table listing (as rows) all corrective notifications on electric distribution circuits that were open as of February 1, 2022, and located in HFTD areas. The table should include the bibliowing information in separate columns. A softdiaction indentification ((10) number to Name of the associated circuit. C I) number of the associated circuit. C III or the provide of the sascolated circuit. C III or the provided in the color of	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	1	7.3.4	Asset Management and Inspections	Additional Detail - Distribution
Pre- Discove ry 50	CalPA	Set WMP-09	CalAdvocates-PGE- 2022WMP-09	2	CalAdvocate s-PGE- 2022WMP- 09_2	Provide an Excel table listing (as rows) all corrective notifications on electric transmission circuits that were open as of February 1, 2022, and located in HFTD areas. The table should include the same information requested in Question 1.	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	1	7.3.4	Asset Management and Inspections	Additional Detail - Transmission
Pre- Discove ry 51	CalPA	Set WMP-09	CalAdvocates-PGE- 2022WMP-09	3	CalAdvocate s-PGE- 2022WMP- 09_3	Provide an Excel table listing (as rows) all corrective notifications on electric substations that were open as of February 1, 2022, and located in HFTD areas. The table should include the information requested in Question 1.	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	1	7.3.4	Asset Management and Inspections	Additional Detail - Substations

									,					
Pre- Discove ry 52	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	1	CalAdvocate s-PGE- 2022WMP- 10_1	Provide the number of tree attachments existing in PG&E's system as of February 1, 2022 in each of the following categories: a) Total b) HFTD Tier 3 c) HFTD Tier 2 d) Other HFTD e) Non-HFTD	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	0	7.3.3	Grid Design and System Hardening	Tree Attachments
Pre- Discove ry 53	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	2	CalAdvocate s-PGE- 2022WMP- 10_2	How many tree attachments did PG&E remediate in calendar year 2021 in each of the following categories: a) Total b) HFTD Tier 3 c) HFTD Tier 2 d) Other HFTD e) Non-HFTD	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	0	7.3.3	Grid Design and System Hardening	Tree Attachments
Pre- Discove ry 54	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	3	CalAdvocate s-PGE- 2022WMP- 10_3	How many tree attachments does PG&E plan to remediate in calendar year 2022 in each of the following categories: a) Total b) HFTD Tier 3 c) HFTD Tier 2 d) Other HFTD a) Non-HFTD	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	0	7.3.3	Grid Design and System Hardening	Tree Attachments
Pre- Discove ry 55	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	4	CalAdvocate s-PGE- 2022WMP- 10_4	When PG&E performs undergrounding in the HFTD for widther mitigation purposes, in places where other utilities (such as telecommunications providers) share PG&E's poles: a) Please describe PG&E's current policy regarding undergrounding the other utilities' equipment. b) Please describe PG&E's current policy regarding removal of the shared poles. c) Please describe of REC.	Holly Wehrman	2/15/2022	3/7/2022	3/7/2022	0	7.3.3.16	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
Pre- Discove ry 56	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	5	CalAdvocate s-PGE- 2022WMP- 10_5	BCASE_a regard usin to PCASE in a failure on November 2,001; Cast Regulations to PCASE in a failure on November 2,001; Cast Regulations wisted an undergrounding project IEI Dorado 2010; Phase 47: During the visit PCASE representatives represented that, after the powerfine was moved underground, the poles would be "topped," which would remove a portion of the pole but leave	Holly Wehrman	2/15/2022	3/7/2022	3/7/2022	0	7.3.3.16	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
Pre- Discove ry 57	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	6	CalAdvocate s-PGE- 2022WMP- 10_6	the emissing of the acts is itself to support below municipal to the acts of t	Holly Wehrman	2/15/2022	3/7/2022	3/7/2022	0	7.3.3.16	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
Pre- Discove ry 58	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	7	CalAdvocate s-PGE- 2022WMP- 10_7	The prejudes of the order has the support pleasement properties of the order has the properties of the	Holly Wehrman	2/15/2022	3/7/2022	3/7/2022	0	7.3.3.16	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
Pre- Discove ry 59	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	8	CalAdvocate s-PGE- 2022WMP- 10_8	2021 in degramation und stied in HETING 2. Among the alles of global degramation with a service tention where failing or failing lines or poles could currently limit egiess and/or ingress during an emergency? b) if the answer to just (a) is yee, please describe how PGEE identifies such transportation condors, o) if valiable, please provide a geospatial data life that contains all current identified transportation condors.	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	0	7.3.9	Emergency Planning and Preparedness	Additional Detail
Pre- Discove ry 60	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	9	CalAdvocate s-PGE- 2022WMP- 10_9	Justi horses and engres hazards. In its responses to Data Request CalAdvocates-PCE-2022WMP-07, Questions in its responses to Data Requested. 3 and 4, PCSE stated that it is performing Quality Reviews of past inspections, both of which were expected to be complete by February 28, 2022 PReviews provide copies of these Coustify Reviews, if available. If the Quality Reviews have not been completed as of the date of cycur response to this Data Request.	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	2	7.3.4.14	Asset Management and Inspections	Quality Assurance/Quality Control of Inspections
Pre- Discove ry 61	OEIS	Set 002	OEIS-PG&E-22- 002	1	OEIS-PG&E- 22-002_1	COURT of the Court	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	N/A	Miscellaneous	Maturity Survey
Pre- Discove ry 62	OEIS	Set 002	OEIS-PG&E-22- 002	2	OEIS-PG&E- 22-002_2	In hospithmans with Southborn California Edition Company (PCE) and Son Dison. A: Nisk mapping and simulation Q02: Regarding PG&E's response to Maturity Survey question A.V.b (How automated is the automated is the mechanism to determine whether to update algorithms based on deviations?): - Hour is DR&E classified to licerases automation for shortifier updates based.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.1	Risk Assessment and Mapping	Survey Responses
Pre- Discove ry 63	OEIS	Set 002	OEIS-PG&E-22- 002	3	OEIS-PG&E- 22-002_3	Out "New Marks Progress on Maining" on Act, Spotsible M. A. Chr. Navardedeviations from risk model to ignitions and propagation detected?). a. Describe how PG&E "manually checks deviations between the risk model to ignitions and propagation detection. 1. Clarif despite first "system instruments" accommended for this abook humans of the control of	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.1	Risk Assessment and Mapping	Survey Responses
Pre- Discove ry 64	OEIS	Set 002	OEIS-PG&E-22- 002	4	OEIS-PG&E- 22-002_4	C. Cind design and system hardening Qo4. Regarding PG&E's response to Maturity Survey question C.II.a (Does grid design meet minimum G095 requirements and loading standards in HFTD areas?): CuS-1883arbing PG&E's response for Maturing Survey question C.In.a.qwhat	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre- Discove ry 65	OEIS	Set 002	OEIS-PG&E-22- 002	5	OEIS-PG&E- 22-002_5	Qub. Regarding M24s a response to Maturity Survey question CIII.a (What level of redundancy does the utility s transmission architecture have?): a. Provide the percentage of circuits that have n-1 redundancy. b. Provide PG&E's plan to increase level of redundancy for transmission Control CODE. Regarding M26E's response to Maturity Survey question C.III.c (What	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre- Discove ry 66	OEIS	Set 002	OEIS-PG&E-22- 002	6	OEIS-PG&E- 22-002_6	Que. regarding PGAEs response to waituring Survey Question C.im. (What level of sectionalization does the utility of distribution architecture have?): a. Provide the percentage of circuits that have more than 2000 customers within one switch. Describe PGAE: glain to isolate circuits for galues the number of customers. QUO. Regarding PGAEs response to Maturity Survey Question C. Ill. (If (How)).	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre- Discove ry 67	OEIS	Set 002	OEIS-PG&E-22- 002	7	OEIS-PG&E- 22-002_7	Gov. regarding Focks: a response to waturn Storey question co.m.g (row does the utility consider egress points in its grid topology?): a. Given PG&E "does not consider" egress as part of its grid topology design, how does PG&E currently factor and account for egress into wildfire and safety CDOS. Regarding PG&E sresponse to Maturny Survey question C.T.V.G (What	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre- Discove ry 68	OEIS	Set 002	OEIS-PG&E-22- 002	8	OEIS-PG&E- 22-002_8	grid hardening initiatives does the utility include within its evaluation?): a. Define PG&E's understanding of what "Some" and "Most" include when considering grid hardening initiatives. b. User does D.0.9.5 also to prove flow a considering anomal hardening initiatives to D. Asset management and inspections.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre- Discove ry 69	OEIS	Set 002	OEIS-PG&E-22- 002	9	OEIS-PG&E- 22-002_9	Q09. Regarding PG&E's response to Maturity Survey question D.I.a (What information is captured in the equipment inventory database?): a. Describe MyPGAE moved from having an "accurate inventory of charging the property of	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.4	Asset Management and Inspections	Survey Responses
Pre- Discove ry 70	OEIS	Set 002	OEIS-PG&E-22- 002	10	OEIS-PG&E- 22-002_10	equipment in HFTD areas have the ability to detect and respond to mailtunctions?); a. Why does PG&E only update asset condition annually? OFF: Regarding PG&Estrespoke in Maturity SGAE, greated bits (What is the condition annually).	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.4	Asset Management and Inspections	Survey Responses
Pre- Discove ry 71	OEIS	Set 002	OEIS-PG&E-22- 002	11	OEIS-PG&E- 22-002_11	level are electrical lines and equipment maintained at?): a. Why is PG&E not currently meeting consistent maintenance, as required? b. What percentage of circuits are not meeting required regulation? - Use of the percentage of the control of the	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	1	7.3.3	Grid Design and System Hardening	Survey Responses
Pre- Discove ry 72	OEIS	Set 002	OEIS-PG&E-22- 002	12	OEIS-PG&E- 22-002_12	012. Regarding PG&E's response to Maturity Survey question F.III.d (During PSPS events does the utility's website go down'?): a. How many times did PG&E's website go down during PSPS events in 2021? Inchiden associated the description for what the carbotite used draws as used to a PGP of Pebruary 2, 2022. PG&E field its thirtig 30-day report in response to the	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.6	Grid Operations and Protocols	Survey Responses
Pre- Discove ry 73	CalPA	Set WMP-11	CalAdvocates-PGE- 2022WMP-11	1	s-PGE-	Enhanced Oversight and Enforcement Process. Please provide Excel versions of the following attachments to this report. a) Attachment A: 2021 EVM Scope of Work — Year End Summary b) Attachment B: 2021 EVM Work Performed Outside the 2021 EVM Scope of Work — Year End Summary in response to Data Required CaMArvocates.PGE-2021 WMP-10, Question 5,	Holly Wehrman Carolyn Chen Layla Labagh	2/24/2022	3/2/2022	3/3/2022	3	N/A	Miscellaneous	Additional Detail
Pre- Discove ry 74	CalPA	Set WMP-11	CalAdvocates-PGE- 2022WMP-11	2	CalAdvocate s-PGE- 2022WMP- 11_2	Interported to Detail Progrigored Can't Octaves-NGS-202 FWM-10, Quesation March 3, 2021 FWM windy a South FWM and A 2021 FWM windy fails as the actual EVM mitegap endormed in each riccut-segment in 2021 as a new column. Rows should be added as needed to cover all circut-segments where PGSE in response to Detail Fedgings Candidated to the PGSE in response to Detail Fedgings Candidated to the PGSE in response to Detail Fedgings Candidated the PGSE in response to Detail Fedgings Candidated the PGSE in the PG	Holly Wehrman Carolyn Chen Layla Labagh	2/24/2022	3/2/2022	3/3/2022	0	7.3.5.2	Vegetation Management (VM) and Inspections	Enhanced Vegetation Management
Pre- Discove ry 75	CalPA	Set WMP-11	CalAdvocates-PGE- 2022WMP-11	3	CalAdvocate s-PGE- 2022WMP- 11_3	March 3, 2021, PG&E provided its 2021 system hardening workplan for the categories referred to in parts (a)-(d) below. Please provide an updated version of this workplan with additional columns to show the actual system hardening work performed in each circuit-segment in 2021 for each of these categories.	Holly Wehrman Carolyn Chen Layla Labagh	2/24/2022	3/2/2022	3/3/2022	1	7.3.3.17	Grid Design and System Hardening	System Hardening
Pre- Discove ry 76	CalPA	Set WMP-11	CalAdvocates-PGE- 2022WMP-11	4	CalAdvocate s-PGE- 2022WMP- 11_4	In POSE's 2021 OA Guaranty Initiative Updata, PGSE stated that, as of 2021 OA, PGSE had hadrone 210.5 d latibution in emies under initiative "C.13— System Hardening (Distribution)." As stated in PGSE's response to Data Request Caladvocates-PGE-2022WMP- 03, February 15, 2022, attachment "WMP- Disconsion/2022 DP. Caladvocates and 2003-002Supond/attachd/COME-viex." PGSE	Holly Wehrman Carolyn Chen Layla Labagh	2/24/2022	3/2/2022	3/3/2022	0	7.3.3.17	Grid Design and System Hardening	System Hardening
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