				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 CalAdvocates-PGE-2022WMP-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 a layer 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
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 of it, we are all those plan work as part of our ownerships. We do not currently plan to install any additional REFCL systems at the time. POGE plans to repair and rebuild the REFCL, installation at Children by Company and Children and Chil	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 originary COVID-19 pandemic at please, describe the adjute 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 does PCSEE survey to obtain these inclinations of the Calistopa 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 monity towards using 'predictive modeling of vegetation growth' to schedule vegetation inspections (E.I.D.) However, PG&E still (and will be of Lep 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 2022 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 WWW 586 by 5.9. "Replaced to the absence where it is taken PGSE 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 bubb's data. b) Please provide a separate table highlighting the average time frame to complete accessor conductor control to accessor conductor control.	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 movide a .gdb.natifile 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 functionally 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. 2021, none of substations where generation was staged were utilized in a 2021 for season.  3)What lesson at it is the substations where generation was staged were utilized in a 2021 GPS basson.  3)What lesson at it is the substations where the prorary generation from its experience in 2022 1.  3)What lesson at it is the substation of the prorary generation from its experience in 2022 1.  3)What lesson at it is the province of the prorary generation in 2022 to answer that it is consistent with the province of t	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 excluding the sport has testified from the Only 9, 364 of PGESE 2022 WMP regarding Remote Grid Standance Power	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 VMMP, PGSE's 302; VMMP, PGSE's 302; VMMP, PGSE's 302; VMMP.	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 0.21/1.0022 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_Extino (column IA) is "NIA" for 1.016 fordings. In response to Data Request CEARA divocates PGE-2022WMP-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 16. 2022WMPM-04, Clester 16. 2022WMP	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-	Regarding 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 AND A SECURITY OF THE CACIFFEED TO RESERVE AND A SECURITY OF THE CACIFFEED THE	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 invision to make a specific provides the AGNA and its it intended to perform in 2021 (e.g., for QAVM-Distribution Audits, PG&E had planned to complete 65 audits). Provide the number of audits PG&E plans to perform in 2022 for each QA/QV program:	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 presider specifique installation or replacement of the project presider specifique installation or replacement of covered conductor?  3.0 PGGE's springed presider specifique installation or replacement of covered conductors. The project presider specifique installation or replacement of covered conductors. The project presider specifique is sufficient to the project presider specifique in the project presider specifique in the project president president project president project president project president project president project president president project president preside	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 14 Request No. 14 Request No. 14 Request No. 14 Regulated No. 14 Regula	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 folls use closes evolete all the cybetanties 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 b) 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 alloys to look that vibe used to proactively detect and mitigate concilions that might result in a widdle. And that no have sections are planned at this time.  The contraction of the proper floating that the 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
Lear-Avocate   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 Blufbonso. CCD dismissively state that *Sometimes things just break" in reference to the Kincade Fire given this pattern and the clear failure of PGSE probless 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 I								
243	OEIS	Set 14	OEIS-PG&E-22- 014	1	OEIS-PG&E- 22-014_1	The visitate bisanounch rask wood (vurvely) is directing in 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.  Line the provision would be a control of the provision of	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	Regarding turner breakcom or personner changes: a. Does PG&E have a plan and resources to hire 100 employees for North Counties and another 100 for Sonoma County or WMP implementation? b. To which departments or programs would these positions be allocated?	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 throat "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	1. 2022 In 1st discussion of its EPSS Initiative 7.3.8.8 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?  What or so PSES outperfect mentions are considered to the source of the so	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	Althorizan BOZEE: monotelus acole between even through 300% for CACAA.  Regarding PGASE a voic orders:  A frow many work orders with 1PD in the past three years have a frow many work orders within the PETD in the past three years have in the PETD in the past three years does the account for?  b. How many work orders within the HETD in the past three years have increased in priority levels? What percentage of total work orders within the HETD in the past three years does this account for?  Perceived as proceedings of the process of the past three years have increased in priority levels? What percentage of total work orders within the HETD in the past three years does this account for?  Perceived as proceedings of the process discussed in casts a and b 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 mitigation purposes:  30 Searche PG&E's current policy regarding undergrounding of existing service connections when the main lines are moved underground.  50 Searche PG&E's current policy regarding the installation of new service constitutions are considered to the property of the policy of the	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 7.3.3.16 of PG&E's 2022 WMP discusses PG&E's pinn to underground approximately 0.000 distribution circuit miles in HFIDs. a) When PG&E undergrounds a segment of distribution circuit as part of its 10.000 mile undergrounding plan, does by plan to also underground that circuit's associated service connections? b) When PG&E places or plans to place a circuit's associated service connections underground, does PG&E include the length of those service connections in the 10.000 circuit mile Services? c) Does the threetasted coar of undergrounding the 10.000 circuit miles decisional or place 2022 WMP include costs of undergrounding associated discussed in page 2022 WMP include costs of undergrounding associated discussed in page 2022 WMP include costs of undergrounding associated discussed plan of a service connection in the formation of the plan	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	understroundings of all services connections included as next of the 1.0 Mol circuit. Section 7.3.3.17 of PGGE'S 2022 WHY discusses PGGE'S is Butter County Rebuild Program, which involves undergrounding the distribution within the town of Practice and lover Magalia. Once of Particular and Lover Magalia. Under Section 1.0 Mol county of the County Rebuild County Rebuild Program? b) If the answer to part (a) is yee, please provide the actual to-date costs of undergrounding service connections as part of the Butter County Rebuild Program. c) if the arswer to part (a) is yee, please provide the actual to-date costs of undergrounding service connections as part of the Butter County Rebuild programs that have been undergrounded as part of the Butter County product Programs that have been undergrounded as part of the Butter County d) Please provide the approximate percentage of service connections that have been to datable instead above ground or let above ground as part of the Butter.	Holly Wherman Carolyn Chen	5/31/2022	6/14/2022	6/14/2022	Ó	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 Exot label with the following information in new columns added to the Excel table PGES durinded in regiones to CalAdrocates-PGE-2022WMP-09 <sup>2</sup> Questions 1, 2, and 3.  I. Reason for reinsegaction (if applicable)  I. New due date post-reinspection (if applicable)  II. New prioritization of owls order (if changed)  II. Replace of the inspection process from identification of an issue through to receiving it, and in the process for a description of the inspection process from identification of an issue through to receiving it, including the typical trianscribed in the initiation of repair and what hopes initiation of the repair of the initiation of the initiation of the repair of the initiation o	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 Heli-Saw for widtfire mitigation purposes?  1) 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	7/5/2022	0	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	7/5/2022	0	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 PGSE notify (prior to December 9, 2021) that it planned to operate a Heli-Saw in Wunderlich County Park? b) For each agency in response to part (a), list the date PGSE gave notice to that agency.	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 Fre, San Mateo County) did PG&F report that it had operated a Hel-Saw in Wunderlich County Park on December 9, 2017; b) 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). The article states that "PG&E said if har-Saw contractor mistakenity strayed.	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 entire states that it was a transcent contract misseaterity suspect stands. In all the stands of the patient of the other permitted verification or newby printed a) Who is the Heli-Saw contractor referenced above?  3) Who is the Heli-Saw contractor PoSEC currently employs.  c) Please describe why the Hel-Saw politor was not aware that the Heli-Saw had passed into county parketing with the Heli-Saw plat very employed lest into parketing with the parketing the permitted of the permitted of the permitted or th	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 Perk on December 9, 2021.	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	2	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 PG&E's current protocol for keeping members of the public out of an area where the Heli-Saw is operating.  Discriber all precusations that PG&E takes to protect public safety while the Heli-Saw is operating.  Obsercible all precusations that PG&E takes to protect public safety while the Heli-Saw is operating.  Obsercible all precusations the Heli-Saw contractor takes to protect public safety while the Heli-Saw is operating safety of the Heli-Saw is operating.   In the Saw is operating safety of the Heli-Saw is operating and the Heli-Saw is operating and the Heli-Saw is operating procedures or protocol related to Heli-Saw operation since receiving the Cal File notice of violation described in the news story.  Please provide a copy of all PG&E procedures cy polaries, which is not only guidance documentation related to operation of the Heli-Saw.	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 PC&E utilize the Hels-Saw in HFTD areas for the purposes of wildfire indigation?  If the general representation of the purpose is all initiatives from PG&E's 2022 WMP Update in which the Hels-Saw has been utilized to dotte. 2022 WMP Update in which the Hels-Saw has been utilized to dotte. 0 if the answer to part (a) is yes, please ist all initiatives from PG&E's 2022 WMP Update in which it expects to utilize the Hels-Saw in the sture.  If the answer to part (a) is yes, why didn't PG&E mention the Hels-Saw in its 2022 WMP Update.	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 PG&E's 2022 WMP Update discuss community outreach about within mitigation activities, including helicopter operations: To set expectations with outselfment and with the goal of immiting work refusals or rose temperations with outselfment and with the goal of immiting work refusals or rose to the properation of the pro	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 fell as much as 150 feet to the ground in the park." In Innamia operation of the Hels-Saw, how does PGAE protect the public from heavy branches failing, as described above? b) In normal operation of the Hels-Saw, how does PGAE protect employees and contractors working with the Hell-Saw from heavy branches failing, as described above?	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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 new story states, "The operation, according to Sampson, created hundreds of 2-dot to 5-do-footing stated eims that littered he forest floor, that will likely die and create a fer hazard." a) Does PGAE floyies Sampson's statement about the fallen branches from the Hell-Saw operation creating a fire hazard, quoted above? Please explain if yes.  b) Han PGAE taken any action to remove the limbs described above from Wunderfach County Park? Please describe all such actions if yes. c) Does PGAE plan to take any action in the time to remove the limbs described actions provided to the provided provided to the provided provided to the provided provi	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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	The news story states, "Because ground crews were on hand before and after the operation at the park, the utility said, there were ho safely issues nor was all normal Hel-Saw operations, what are the duties of the ground crews mentioned above? b) How many ground crews are invoked in a typical Heli-Saw operation? c) How many ground crews are invoked in a typical Heli-Saw operation? c) How many ground crews are invoked in a typical Heli-Saw operation? c) How the same of the same o	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	0	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	2022.  a) Provide a copy of the notice of violation described above. b) Provide a copy of PG&E's response to the Cal Fire notice of violation described above. c) Provide a copy of any other notices of violation from any government agency related to the usage of the HeLS-are no December 9, 2021. d) Provide a copy of all of PG&E's response to any notifications of violation from part (c).	Holly Wehrman	6/7/2022	7/5/2022	7/5/2022	3	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." a) What 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	7/5/2022	0	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 Heli-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	7/5/2022	0	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	lease note that the geographical regions are mutually exclusive (i.e., "Other HETD" excludes areas that are in either Tez or Dri ar 3). Herefore, for any given circuit, the following relationships should hold-Tier 2 miles + Ter 3 miles + Other HETD miles = studi HETD miles - Tier 2 miles = Tes 3 miles + Other HETD miles = 1 total HETD miles - Tes 1 miles + Other HETD miles = 1 total HETD miles - Test 2 miles = Test 3 miles + Other HETD miles = 1 total HETD miles - Test 4 miles + Other HETD miles = 1 total HETD miles - 1 total HETD miles + 1 total HETD miles + 1 total HETD miles - 1 total HE	Alan Wehrman	1/25/2022	7/29/2022			N/A	Miscellaneous	Additional Detail
271	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	1	CalAdvocate s-PGE- 2022WMP-	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 fite-risk weather in 2022, including the following parameters:  a) The minimum to trip current; b) Definite time delay; c) Time curve; and d) Coordination 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	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	normal operating parameters.  a) Please state whether PG&E plans (in 2022) to coordinate protective devices with fuses' time overcurrent curves, or plans on operating protective devices in these same protective devices in a fuse-awain protective. The result replace 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		6		EPSS	Device settings
276	CalPA	Set WMP-23	CalAdvocates-PGE- 2022WMP-23	6	CalAdvocate s-PGE- 2022WMP- 23_6	Pease provide the protective device settings that PGAE 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 device curve; and discounce are converged or curve; and discounce are deviced to the converged of the con	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	Pease provide the following details regarding flast curve settings that PG&E used in 2021 during high fire-risk washingtones; a) How PG&E calculates the fault duty of the next downstream recisoer, and the pease of status PG&E calculates (e.g. line-to-ground, line-to-line, style-time-borground):  10 pease of the pGAE candinated crust breakers and main line recisoers with fuses; 3 and c) What the instantaneous tripping currents in 2021 were for the hot-line tag (H.1) settings more than 100 peases.	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- 23 8	Please provide an unredacted version of the spreadsheet "WMP- Discovery2022_DR_OEIS_005-Q10Atch01_CONF.xlsx".	Tyler Holzschuh	6/29/2022	7/14/2022		1		EPSS	EPSS
279	CalPA	Set WMP-24	CalAdvocates-PGE- 2022WMP-24	1	CalAdvocate s-PGE- 2022WMP- 24_1	Regarding transmission structures and transmission connecting hardware (these facilities): a) How does PG-6E detect defects in these facilities that may be difficult or impossible to detect using the unaided eye (such as a broken jumper within a steel shoo)? b) Does the answer to part (a) of this question differ in HFTD areas, compared to non-HFTD areas? of the answer to part (b) is yes, please explain the differences.	Tyler Holzschuh	7/8/2022	7/22/2022					
280	CalPA	Set WMP-24	CalAdvocates-PGE- 2022WMP-24	2	CalAdvocate s-PGE- 2022WMP- 24_2	Regarding transmission structures and transmission connecting hardware in HFTD areas (tiber facilities); a) Does PG&E use x-aysto examine these facilities while in operation? b) if the answer to part (a) is see, please describe how and where PG&E does this. c) Does PG&E use gamma raysto examine these facilities while in operation? d) if the answer to part (c) is yee, please describe how and where PG&E does this. a) Does PG&E use gamma raysto examine these facilities while in a) Does PG&E use uitrasconic inspection to examine these facilities while in	Tyler Holzschuh	7/8/2022	7/22/2022					

						Regarding transmission structures and transmission connecting hardware in HFTD areas ('these								
281	CalPA	Set WMP-24	CalAdvocates-PGE- 2022WMP-24	3	CalAdvocate s-PGE- 2022WMP- 24_3	<ul> <li>b) Please provide all available studies documenting the feasibility and effectiveness of using x rays and gamma rays to nondestructively examine these facilities.</li> </ul>	Tyler Holzschuh	7/8/2022	7/22/2022					
						<ul> <li>c) If there are any studies documenting the feasibility and effectiveness of using x-rays and gamma rays to nondestructively examine these facilities that you are aware of but do not</li> </ul>								
					CalAdvocate	possess, please identify each such document Regarding transmission structures and transmission connecting hardware in HFTD areas ("these facilities"):								
282	CalPA	Set WMP-24	CalAdvocates-PGE- 2022WMP-24	4	s-PGE- 2022WMP- 24_4	<ul> <li>a) Please provide all current PG&amp;E procedures for nondestructive examination of these facilities, other than using the visible spectrumand any procedures covered in question 3(a).</li> </ul>	Tyler Holzschuh	7/8/2022	7/22/2022					
						b) Please provide all current PG&E procedures for destructive examination of these facilities  Regarding distribution structures and hardware in HFTD areas ("these								
283	CalPA	Set WMP-24	CalAdvocates-PGE-	5	CalAdvocate s-PGE-	a. Please provide all current PG&E procedures for nondestructive examination of these	Tyler Holzschuh	7/8/2022	7/22/2022					
203	oui A	Oct Time 24	2022WMP-24	Ü	2022WMP- 24_5	facilities, other than using the visible spectrum.  b. Please provide all current PG&E procedures for destructive examination of these facilities	Tylei Holzschull	77072022	112212022					
284	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	1	CalAdvocate s-PGE- 2022WMP- 25_1	Page 2 of PG&E's response states regarding the 2017 Railroad Fins, "PG&E tree contractor inadventiently dropped foad Codal free that the contractor was variety on into a PG&E distribution line," and, "PG&E did not perform a specific lessons learned analysis for the Resilicad Fire. A lauguage 22, 2017, through July 1, 2022, has PG&E experienced any other ignitions in its HFTD where an individual performing the work for PG&E inadventingly diopped at lete in the distribution.	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
						line? c) If the answer to part (b) is yes, please list the ignitions, including the date of the ignition, geographic latitude of the ignition, geographic longitude of the ignition, and the final size of the fire.								
						lage 5 of PGAE's response states regarding the 2018 Africe Fire. "We are correctly in the process of reviewing our cediting maintenance tegs for tags that identify insising vibration dampers and are also reviewing our guidances respectors so that they properly identify missing vibration dampers during inspections. But they properly identify missing vibration dampers during inspections. But the property identify missing vibration dampers during inspections. But the property is the property of the property								
					CalAdvocate	To complete the review of existing maintenance tags entormass an open maintenance tags on the electric system or some subset? If the scope is limited to a subset, please describe the scope.  If we have the subset is a subset, please describe the scope.  If we have the subset is a subset is a subset is a subset is a subset in the subset in the subset is a subset in the subset in the subset is a subset in the subset in the subset in the subset is a subset in the subset in the subset in the subset is a subset in the subse								
285	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	2	s-PGE- 2022WMP- 25_2	d) When did PG&E initiate the review of its guidance to inspectors referenced above?     e) When does PG&E expect to complete the review of its guidance to	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
						inspectors referenced above? f) Has PG&E initiated any review of design standards, engineering practices, or construction practices to ensure that vibration dampeners are installed								
						appropriately? g) If the answer to part (f) is yes, please describe the scope and timeline for this review.								
						h) Does PG&E have equipment in service that predates the practice of utilizing vibration dampeners? i) If the answer to part (h) is yes, please list all actions PG&E has taken to								
					CalAdvocate	assess such legacy equipment and mitigate the issue of missing vibration damoeners.  Pages 5-6 of PG&E's response regarding the 2018 Airline Fire identify several								
286	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	3	s-PGE- 2022WMP- 25_3	actions PG&E is undertaking to ensure that the issue of missing vibration dampeners is found and remediated. Please list all actions PG&E has undertaken since the Airline Fire Ignited on June 4, 2018 to ensure that the issue of missing vibration dampeners does not locur in the first blace.	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	1			
						Page 8 of PG&E's response states regarding the 2019 Lonoak Fire, "Corrective Action Program (CAP) event assigned to determine ongoing risk from vibration								
			CalAdvocates-PGE-		CalAdvocate s-PGE-	dampers in the field and deployed on #2 ACSR and #4 ACSR conductor wires. Specifically, the team evaluated extent of risk between 2 ACSR and Alcoa Stockbridge dampers."  a) Please briefly describe the findings from PG&E's evaluation of the extent of								
287	CalPA	Set WMP-25	2022WMP-25	4	2022WMP- 25_4	the risk between ACSR and Alcoa Stockbridge dampers, described above. b) Has PG&E determined that utilizing Alcoa Stockbridge dampers presents a wildfire risk?	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	1			
						(c) If the answer to part (b) is yes, has PG&E initiated an effort to proactively identify and remove or replace Alcoa Stockbridge dampers?  d) If the answer to part (c) is no, please explain why not.								
288	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	5	CalAdvocate s-PGE 2022WMP-	Page 12 of PG&E's response states regarding the 2021 Dick Fire. We have revised our response time standard to respond to outsign in FFTD areas, where we can safely do so, within 60 minutes as compared to the prior standard which regulated a response within 24 hours to a low level outage such as the one experienced on the circuit associated with the Dick Fire.* a) Please define respond* as used in this context.	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
					25_5	b) In the event that an outage occurs and a PG&E troubleperson cannot physically reach the site within 60 minutes due to factors beyond their control, please describe how PG&E would meet its standard to respond to the outage within 60 minutes.								
						Page 14 of PG&E's response states, "For clarification, the Revision Notice reference to increases in equipment-related ignitions from 2020 to 2021 refers to system-wide ignitions. However, in 2021, PG&E observed a 12.9% decrease in California Public Utilities Commission (CPUC)-reportable ignitions in HFTD								
289	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	6	CalAdvocate s-PGE- 2022WMP-	areas where the suspected cause was PG&E equipment failure." Page 16 of Energy Safety's Revision Notice includes the following chart, which shows a steady increase in non-HFTD ignitions from 2018 through 2021:	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
					25_6	[GRAPHIC TABLE] a) Please list all causal factors to which PG&E attributes the increase in equipment-related ignitions from 2018 to 2021 in non-HFTD.								
					CalAdvocate	b) Please list and briefly describe all actions PG&E is taking in 2022 to reduce the number of equipment-related ignitions in non-HFTD.  Page 20 of PG&E's response describes its Enhanced Ignition Analysis (EIA)								
290	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	7	s-PGE- 2022WMP- 25 7	program. a) Does the EIA process apply to non-HFTD ignitions? b) If the answer to part (a) is no, please explain why not. Pages 33-35 of PG&E's response include Table RN-PG&E-22-08-01: Timeline	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
291	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	8	CalAdvocate s-PGE- 2022WMP- 25_8	and Update on Actions To Increase Asset Inspection Quality. Please provide an updated copy of this Table with the following additional information in the "Timeline for Implementation" column: a) Date the action was initiated.	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
$\Box$						b) Date the action was completed (if applicable).  Pages 37 of PG&E's response states, "Confirmed incidents of fraudulent activity (timecards, inspections) will result in discipline and up to termination."								
291	CalPA	Set WMP-25	CalAdvocates-PGE- 2022WMP-25	9	CalAdvocate s-PGE- 2022WMP-	a) From January 1, 2021, through July 1, 2022, how many incidents of fraudulent activity has PG&E recorded?     b) Of the incidents in part (a), how many involved fraud in relation to asset	Holly Wehrman	7/8/2022	7/13/2022	7/13/2022	0			
					25_9	inspections? c) Of the incidents in part (b), how many inspectors have been terminated as of July 1, 2022?								
Pre- Discove ry 01	CalPA	Set WMP-02	CalAdvocates-PGE- 2022WMP-02	1	CalAdvocate s-PGE- 2022WMP- 02 1	Please identify and provide a copy of all quality assurance or quality control (OA/OC) reports conducted by internal entities that were completed since January 1, 2021 and that examined any programs, initiatives, or strategies described in your 2021 WMP 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	CalPA	Set WMP-02	CalAdvocates-PGE- 2022WMP-02	2	CalAdvocate s-PGE- 2022WMP-	Please identify and provide a copy of all quality assurance or quality control (OA/OC) reports conducted by external entities that were completed since January 1, 2021 and that examined any programs, initiatives, or strategies described in your 2021 WMP Update. External entities include, but are not	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	27	7.3.4	Asset Management and Inspections	QA/QC Reports
ry 02					02_2 CalAdvocate	limited to, contractors, auditors, the Federal Monitor, and Independent  Fostivators  Provide an Excel table of all defects in the year 2021 found by Energy Safety's  Compliance Branch (or, previously, the CPUC's Wildfire Safety Division)1 (as								
Pre- Discove ry 03	CalPA	Set WMP-02	CalAdvocates-PGE- 2022WMP-02	3	s-PGE- 2022WMP- 02_3	rows) that includes the following information in separate columns. a) Associated circuit name b) Defect type c) Description of defect d) WMP initiative associated with defect c) bate that the defect was identified f) Date that the defect was identified f) Date that the defect was corrected a) Priority level of corresponding corrective ten h11 opation of jeffect Please note that the geographical regions are mutually exclusive (i.e., "Other	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	HFTD" excludes areas that are in either Tier 2 or Tier 3). Therefore, for any given circuit-segment, the following relationships should hold: Tier 2 miles + Tier 3 miles + Other HFTD miles = total HFTD miles . Tier 2 miles + Tier 3 miles + Other HFTD miles + non-HFTD miles = total circuit-segment miles.	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	1	N/A	Miscellaneous	Additional Detail
Pre- Discove	CalPA	Set WMP-03	CalAdvocates-PGE-	2SUPP	CalAdvocate s-PGE-	Provide an Excel table of all distribution circuit-seaments existing as of January Supplemental for Q2	Alan Wehrman	12/17/2021	2/15/2022	2/15/2022	1	N/A	Miscellaneous	Additional Detail
ry 05	CalPA	Jet WMP-U3	2022WMP-03	ZOUPP	2022WMP- 03 _2SUPP	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 wenman	12/1//2021	2113/2022	Zr I ur ZUZZ	<u>'</u>	N/A	MISCHIANEOUS	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 detailed 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 towers. (10) 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 to the priority of the performed to the priority of the pr	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; A superstance of the second	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	transmission tower climbino inspections performed in 2021?  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 work verification or quality control of transmission tower drone inspections performed in 2021? 5) How many Priority 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	Insections inspections netformed in 2012; 10.  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 detailed ground inspections performed in 20217 b) How many Priority B corrective tags were issued as a result of work verification or quality control of transmission tower detailed ground inspections performed in 20217 b) How many Priority B 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 15	CalPA	Set WMP-03	CalAdvocates-PGE- 2022WMP-03	12	CalAdvocate s-PGE- 2022WMP- 03_12	transmission towar detailed norund insparetions conformed in 2021? Please note hat the geographical regions are mutually exclusive (i.e., "Other HFTD" excludes areas that are in either Tier 2 or Tier 3). Therefore, for any given circuit-segment, the following relationships should hold:  Tier 2 miles - Tier 3 miles - Other HFTD miles = total HFTD miles Tier 2 miles - Tier 3 miles - Other HFTD miles = total HFTD miles = total	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 the geographical regions are mutually exclusive (i.e., "Other HFTD" excludes areas that are in either Tie 2 or Ties 3). Therefore, for any given circuit-segment, the following relationships should hold:  Tier 2 miles - Tier 3 miles - Other HFTD miles = total HFTD miles.  Tier 2 miles - Tier 3 miles - Other HFTD miles = non-HFTD 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 late the effect of a potential PG&E-initiated PSPS event on 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 Widtfer Distribution Risk Model to calculate circuit-segment-level expected risk. Include the following fields for each circuit-segment. For liter IQI, 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	<u>Roadung risk epps and all other diseases fill risk eppses DASE has garding your PRS's creult modeling capabilities of pilease described your present circuit modeling capabilities with regard to PSPS decision-making (PSPS circuit modeling capabilities), including with what level of granularity they are able to determine how circuit hardening efforts or other changes to the capabilities of the segment with affect PSPS thresholds. D) Please describe any improvements</u>	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 researt PSRS circuit modeling conditions to the total variety or innotement. Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. a) Provide the total number of transmission towers that PG&E forecasts performing climbing inspections on in 2022. b) Provide the total number of transmission towers that PG&E forecasts performing climbing inspections on in 2022. b) Provide the total number of transmission towers that PG&E forecasts performing drone inspections on in 2022. c) Provide the total number of transmission towers that PG&E forecasts performing drone inspections on in 2022. c) Provide the total number.	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)	Fearmission toware that PASE forecasts conforming detailed organic towards for any program for which you forecast capital expenditure in 2021 to be at least two times actual expenditure in 2021, please provides. a) The name of the program as it is destilled in your 2022 WMP Update b) The WMP Initiative and initiative at its identified in your 2022 WMP Update d). The name of the program number in Table 12 of your 2022 WMP Update d) The MMP Initiative number in Table as identified in your 2021 WMP Update d) The WMP Initiative number in Table	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)	10.cf year: 2021 WMME I Indiate a) An available from the noriocited increases. Supplemental to Supplemental Suppl	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)	Supplemental to QS  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)	pumber in Table 12 of unor 2022 WME Dictate 2 The agree of the approach is appropriate for any program for which you breast operating seperature in 2021, please provide: 7 a) The name College least two times actual experature in 2021, please provide: 7 a) The name College provide 2 as identified in your 2022 WME Diddle 2) The WMF Initiative number in Table 12 of your 2022 WMF Update 0) The name of the program as it is identified in your 2022 WMF Update 0) The WMF Initiative number in Table 13 is identified in your 2021 WMF Update 0) The WMF Initiative number in Table 10 is identified in your 2021 WMF Update 0).	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 of use 2012 WMED Indepts a life available for the consisted increases Supplemental to Question 6  For any program for which you forecast operating expenditures in 2022 to be at seast two times actual expenditure in 2021 pulses provide 7 of 1th name of the program as it is identified in your 2022 WMED Update b) The WMED Indicative combine in 78-bit of 27 overs 2072 WMED Indicative Towns of the program	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)	Supplemental to Question 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 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	comber in Table 12 of your 2022 MMB Lindste i) The assess of the appropriate Provide PGASE is swin, plant fast describe where PGASE will understate any projects in 2022. This workplan should be in an Excel Format, with circuit segments as rows. Please include the same information as in PGGASE segments are your plant of the provided provided the provided provided the provided pro	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	columns, 14, Please, additionally include circuitseement ID numbers that Provide PG&Es workpink that describes where and when you will perform system hardening on distribution circuits in 2022. For projects that stated between 2022 and the to partially complete in 2022 (i.e., projects that stated between 2022 and and stated on the state of the state 2022), please include the project and report the work that you forecast will state 1022; please include the project and report the work that you forecast will state that the state of the state	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. Nevi in PGSE's 2014 WMP Update, this information was aggregated into Section 7.3.3.17.1 *Updates to grid topology to minimize risk of grillion in HETIS, System Hardening, Distribution* in Table 12.a *Please fill out the table below, disaggregating the actual and projected spending amounts as shown. Add extra columns as assetted. Traft Line Removal Plack-rotted shown Add extra columns as assetted. Traft Line Removal Plack-rotted and the properties of t	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	shows Add sette oclames as peeded 156H line Benerola Bellocation of the Locking Control Related to the Locking Control Relat	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 enroachment permit to do road work on Thomas Road in the Salmon Creek watershed, a) is it 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) is yes, please explain why KDF did not secure the proper permits prior to necformion that.	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	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 KDFs 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 PGXE spokesperson confirmed that KDF 'did not complete the work to [PG&Es] satisfaction." a) is PG&E aware of other instances during 2021 in which KDF did not complete EVM work to PG&Es satisfaction? b) if the answer to part (a) is yes, please list all such instances, including 1: the location of the work. It is date(s) of the work, and ii. 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	Counting to F Colonia the August 1221 Continue Compact Fire in the Santa Curz Mountain in 2020, PGAE received several complaints from local governments regarding contractors failing to secure appropriate permits and causing enesion on narrow roads. 3 p Following these complaints, what specific actions and PGAE take to improve contractor performance? b) Following these (Countains) and the Countinue	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	Question 7 List all instances in 2020 and 2021 that PG&E is aware of in which a local government has complained to 2021 the GAE gradieny equitation management work performed by PG&E or a contractor of PG&E. For each such instance, please state: a) The name of the local government making the complaint by The date of the work in cyclestion of What program was properties of the contract of the	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 PG&E 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 PG&E? Preliminary Ignition Investigation Report (PIRIT) stitibuted the ignition to 'a rotten Cuestion 2 The Monitor's 2021 report states: The cross and 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	in connection with an August 19, 2019 partol. The tag had a due date of February 19, 2020 (a G-moth Priority E tag). The repair was permitted and ready for construction in April 2020 (which was afready late), but was never completed. On September 10, 2020, the notification was reassessed and the Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 37 of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion 3P - 3P of the Montro's 2021 report describes PSASE in February Clustion SPASE in February Clustion SPASE in February Clustion SPASE in February Clustion SPASE in February Clust	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	Reassessments (FSR) process, in which unresolved tags are periodically reviewed, a) Mas the September 10, 2020 reassessment described in Question 2 part of PG&E's FSR process? b) Please provide copies of all inspection reports related to the tag on the crossam described in Question 2. Including ESR inspections, that occurred between the date the tax was critically consend Question 4. The Monitor's 2021 report states. As of the date of the PIR, there	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	were 1290 open notifications on the same circuit associated with common opinion 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. 5 a) Following the ionition on. Lines 16: 2012. Ind BOASE instructor or otherwise, assesse the 886.	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) in no, please explain why not. Regarding 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	section 7.3.3.17.1 lts 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 fts 2021 Revised WMP.  The November 23, 2021 Federal Monitor's reports 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-field review 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 583 missest field issues by PG&F inspectors across 435 structures.  The November 23, 2021 Federal Monitor report states.	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 PG&E serial photography records. Approximately 47% of the steel structures inspected had potential exceptions, for a total of 160 missed issues across 88 structures. Approximately, 53%, of the wood structures also had colerated The following questions related to the PG&E 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	November 19, 2021, Kirkland & Ellis LLP, filed on November 23, 2021 (the Monitor's 2021 lepent)3 and PAGE's responses to Data Required Cal4Avocates-PGE-2022WMP-06, dated January 10 and 14, 2022. PG&E's response to Data Required Cal4Avocates-PGE-2022WMP-06 lates that the ignificant conception on June 21, 2021 use CPLIC reportable 4 at Dilease models on court of PG&E's response to Data Required Cal4Avocates-PGE-2022WMP-06 for includes	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	an inspection report from June 13, 2021 with the finding "Open Wire Service (to weatherhead) or Open Wire Secondary at this location," 5a) Please explain what is meant by this finding, b) Please define "Open Wire Service (to weatherhead)," of Please define "Open Wire Secondary," 5 PG&E's response 10,012, Bouwet Call&docates.DEC. 2012/WIRD.06, Cuestion 3, Attachment A PG&E's response to Data Request Call&docates.PG—2012/WIRD.06 includes	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 abnormal conditions" and categories except "Other Required Data", 18 General Required Data Required National Required Required Report In 2016 and 19 General Report In 2016 and 19 Gener	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	an inspection 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 the inspection on June 13, 2021 b) If the answer to nart (a) is ves. nlease list and describe the snecific actions.	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 (ignition to a broken cross arm." a) When was PGGE's Asset Failure Analysis Team established? b) Please provide a brief description of the purpose and activities of the Asset Failure Analysis Team. p) Please describe what, if any, work contact is produced by the Asset Ealitera Analysis Team (for exemple, within The Monitor's 2021 report states, "For example, PGGE's recently sebalbished	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 (ignition to a broken cross arm. 7 a) When was PGGE's Asset Failure Analysis Team established? b) Please provide a brief description of the purpose and activities of the Asset Failure Analysis Team. O) Please describe what, if any, work moduct is norduced but the Asset Eailure Analysis Team (for example, witten.	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 failed crossam was priority E.9 Why was the corrective notification never reprioritized above priority E during the period of February 19, 2020 to June 16, 2021 P 9 PG&E's response to Data Request CalAdvocates-PGE-2022WMB-06. Cluselino. 2  Provide an Exot table listing (as rows) all corrective notifications on electric	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 Exod table isting (as Toxis) all corrective noticetations on execution distribution circuits that wave open are of February 1, 2022, and coated in HFTD as Notification identification (10) number by Name of the associated circuit c. If Toxis and the second of the second of the control of the company of the control of the con	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 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 55	CalPA	Set WMP-10	CalAdvocates-PGE- 2022WMP-10	4	CalAdvocate s-PGE- 2022WMP- 10_4	When PKAE performs undergrounding in the HPTD for wildfire miligation purposes, in places where other utilities (such as telecommunications providers) share PGAE's potes: a) Please describe PGAE's current policy regarding undergrounding the other utilities 'equipment. b) Please describe PGAE's current policy regarding removal of the shared potes. c) Please describe PGAE's current policy regarding removal or the shared potes. c) Please describe PGAE's purpose the provided provide	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	visited an undergrounding project in El Dorado County, which was referred to as "Undergrounding Project El Dorado 2101 Phase 4." During the visit PG&E representatives represented that, after the powerline 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 membrane of the order legal to such processing the properties of the process	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	he presignate of the ode Intest is sunort between unique set sillivity.  Per PGSE's response to Data Request CalAdvocates-PGE-2022/WIMP-03, Question 1, PGSE installed approximately 100 circuit-miles of underground conductor in HTDs in 2021. a Please verify that the above number of circuit- miles is accurate. b) Noting that multiple circuits may sometimes run in parallel through the same right-deway, bow many miles of right-d-way did PGSE's	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 updegracounding wack affect to HETING A Among the milles of cobb of wash 91 Has PCSE treitment bransportation contrains within its service territory where failing or failing lines or poles could currently limit geress and/or ingress during an emergency? by lift he answer to part (a) is yes, please describe how PGSE identifies such transportation corridors. c) if available, please provide a geospatial data file that contains all current identified transportation corridors.	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	List increase and entress harvarist In its responses to Data Request CalAdvocates-PGE-2022WMP-07, Questions 3 and 4, PG&E stated that it is performing Quality Reviews of past inspections, both of which were expected to be complete by February 28, 2022. Please provide copies of these Quality Reviews, if available. If the Quality Reviews have not been completed as of the date of your response to this Data Reviews.	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	Inguide cooles, as soon as they are complete.  GU1. As a follow up to the answer received from DR-001, which asked: "In PG&E's cover letter to its Submission of 2022 Wildline Mitigation Plan Maturity Model Assessment submitted February 4, 2022, PG&E states: "In addition to our internal review of the questions and the scores, this year we were also able	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	R-Nesk-mappingth Scriptons Collisions Commence (SCE) and Con Disco- QC2. Regarding POSE's response to Maturity Survey question A V.b. (How automated is the mechanism to determine whether to update algorithms based on deviations?): COLLY REGISTROS POSE'S RESPOSE'D Nations ST New Yorks (1988) A V.2 (Flora Se-	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	Co. Regarding Posts is response to waiting survey question A.v.c (movine develations from risk model to lightlinos and propagation detected?):  a. Describe how PG&E "manually" checks deviations between the risk model to ignitions and propagation detection.  gradies DC&E and a development of the propagation detection.  Consider DC&E and development of the propagation detection.	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	COUR. 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?):  OSS-Regarding PG&E's response to Maturity Survey question: C.III.a (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 65	OEIS	Set 002	OEIS-PG&E-22- 002	5	OEIS-PG&E- 22-002_5	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	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	Clobe. Regarding PG&E's response to Maturity Survey question C.III.c (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 DGE's callen begoth circuits to produce the number of customers.	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	b. Describe BP3 5°C in the to include the relative the number of currentment (DV). Regarding PG8Es response to Maturity Survey question C.I.I.d. (How does the utility consider egress points in its grid topology?):  a Given PG8E d'uses not consider' egress as part of its grid topology design, how does PG8E currently factor and account for egress into wildfire and safety	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	C088. Regarding PG&E's response to Maturity Survey question C.IV.d (What 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.	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	b. Asset management and mappedone, consideration, come, hordenies, initiations to D. Asset management and mappedone consideration control of the Community C	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	COUR. Registions P GRE's response to Maturity Survey question D.12 (Loses an equipment in HFTD areas have the ability to detect and respond to mailunctions?)  a. Why does PGRE only update asset condition annually.  B. Registion is designed by the designed of the designe	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	O.T. Regarding POSE's response to Maturity SUSE's question 0.10.3 (What level are electrical lines and equipment maintained at?): a. Why is POSE not currently meeting consistent maintenance, as required? b. What percentage of circuits are not meeting required regulation? F. Codd Operations and protocols are inflient chances POSE's responses and	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	C12. 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?	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	CalAdvocate s-PGE- 2022WMP- 11_1	On 4-brusy 2, 2022 PCR2 test it hind Q-Day report in response to the Enhanced Oversight and Enforcement Process. Please provide Excel versions of the following attachments to this report: a) Attachment 4, 2021 EVM Scope of Work – Year End Summary b) Attachment 5, 2021 EVM Work Performed Outside the 2021 EVM Scope of Morks – Years End Summary.	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	Moré — Yeus End Summan: In response to Data Request CalAtvocates-PGE-2021WMP-10, Question 5, March 3, 2021, PG&E provided its 2021 EVM workplan. Please provide an updated version of this workplan that lists the actual EVM mileage performed in each focult-segment in 2021 as a new column. Rows according to the provided of the provided and the provided and the paradoment EVM work in 2021.	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	performed EVM_Next's 0-7021 In response to Dala Riquiest Cafadvocates-PGE-2021WIMP-10, Question 6, In response to Dala Riquiest Cafadvocates-PGE-2021WIMP-10, Question 6, March 3, 2021, PG&E provided at 2021 system hardening workplain for the categories referred to in parts (a)-(d) below. Please provide an updated version of this workplain with additional columns to show the actual system hardening work performed in each circuit-legement 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 PIGSE 2027 OA Quarterly Initiative Update, PIGSE stated that, as of 2027  QA. POSE find Inadressed 210.5 distribution line miles under initiative "C.13 – System Hardening (Distribution)."  As stated in PGSE5 response to Data Request CalAdvocates-PGE-2022WMP- 03, February 15, 2022, attachment "WMP- Inscream/072.2 DB. CalAdvocates-Ind3.G025Wm01148ch011COME Visix "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