

Link to Discovery Responses: https://www.pge.com/en_US/safety/emergency-preparedness/natural-disaster/wildfires/wildfire-mitigation-plan-discovery-data-requests.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, PG&E stated with regard to detailed ground inspections of transmission towers, "The average	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 CalAdvocates-PGE-2022WMP-03, Questions 9-11, PG&E responded that "PG&E's search of LC tags issued as a result of both desktop	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 Request CalAdvocates-PGE-2022WMP-08, Question 4, PG&E stated that PG&E System Inspection Quality Control found through Desktop Reviews that 60% of inspections had no mistakes and 13% of inspections	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 Request CalAdvocates-PGE-2022WMP-04, Question 2, PG&E stated that "The requested information is provided in PG&E's 2022 WMP in Section 7.1.F. PG&E is providing attachment "WMP-	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 "WMP_section_71F.gdb" submitted with PG&E's 2022 WMP contains a layer titled "WMP_section_71F Distribution_Wildfire_Risk." This	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 CalAdvocates-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	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	Updates to grid topology to minimize risk of ignition in HFTDs, System Hardening, Distribution
14	CalPA	Set WMP-12	CalAdvocates-PGE-2022WMP-12	14	CalAdvocate s-PGE-2022WMP-12_14	In response to Data Request CalAdvocates-PGE-2022WMP-08, Question 7, PG&E stated, "We did not change the priority of the corrective notification during the period of February 12, 2020, to June	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	Update states the following regarding 2021 WMP Initiative 7.3.3.17.4 Updates to grid topology to minimize risk of ignition in HFTDs, Rapid Earth	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	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	While we have not set specific targets for this initiative and will not provide ongoing reporting each quarter on it, we are still doing the work as part of our overall plan. We	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 pilot project finished construction in 2020. In 2021, PG&E attempted to commission and test the REFCL	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	PG&E's 2022 WMP states: After the initial positive tests, the Calistoga REFCL pilot demonstration was stalled due to the failure of the substation REFCL equipment. 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	a) How effective is REFCL compared to covered conductor installation in reducing wildfire risks? b) Please provide any available supporting documentation regarding	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	REFCL technology could not be fully evaluated beyond the initial testing because of the equipment failure and supply chain issues. As a result,	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	PG&E's 2022 WMP provides the following for "Lessons Learned" from the REFCL initiative in 2021: • PG&E should use gang operated	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	Rate Case Testimony, Exhibit PG&E-4, states the following regarding the REFCL program: Based on our initial testing and 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
24	CalPA	Set WMP-13	CalAdvocates-PGE-2022WMP-13	10	CalAdvocate s-PGE-2022WMP-13_10	Regarding these two 2022 WMP Initiatives: • 7.3.3.17.4 – Updates to grid topology to minimize risk of ignition 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
25	CalPA	Set WMP-13	CalAdvocates-PGE-2022WMP-13	11	CalAdvocate s-PGE-2022WMP-13_11	HFTDs, Rapid Earth In its 2022 WMP and supporting attachments, PG&E does not appear to provide a Risk Spend Efficiency (RSE) score for 2022 WMP Initiative	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	7.3.3.17.4 – Updates to grid topology 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	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	the landowner's property? (Y/N) 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	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	the landowner's property? (Y/N) From the Maturity Survey, in Category E (Vegetation Management) it is apparent that PG&E is building a granular, frequently updated inventory (Capability 21) and moving towards using "predictive modeling of	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 PG&E not using ignition 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? b)When?	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	In data request 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 indicated that "We cannot, however, go back in time to determine how we would have answered the same question in 2020 or 2021 in light of changes that have occurred since that time." Energy Safety understands that PG&E cannot go back in time to change its answers from 2021 or 2020, and that other factors have changed, however Energy Safety is asking PG&E to answer those questions in the same way in 2022 as they did in 2021 and 2020 in order to understand the true progression of PG&E's maturity not attributed to re-interpretation of questions. Prior to benchmarking its 2022 answers with other utilities and re-interpreting these questions, what was PG&E's answer to those questions?	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	On Pg. 436 of PG&E's 2022 WMP, table 7.3.3-1 highlights the average time it takes PG&E to complete a system hardening project that spans 100+ miles.	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	Pg. 435 of your 2022 WMP Update states, "The table represents base overhead System Hardening projects after scoping is completed. As of 12/31/2021, PG&E has completed 100% of the projects listed in the table."	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	PG&E states, "In 2021, PG&E identified and completed repairs or replacements of approximately 16,359 poles and reinforced 3,012 poles." a)Please provide a .gdb spatial file showing where PG&E replaced poles.	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	PG&E states, "In 2021, PG&E replaced 16,359 poles and reinforced 3,012 poles." a)Please provide a .gdb spatial file showing where PG&E replaced poles.	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	PG&E states, "Recently, moisture intrusion issues have been identified in some of the "Viper" branded reclosers that have been installed on the PG&E system after completion of the 2021 target to install 29 switches by September 1, 2021. In addition, we replaced 412 T-Hoses on the system."	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	PG&E states, "Due to the weather conditions in 2021, none of the substations where generation was staged were utilized in the 2021 PSCS season."	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	PG&E states, "Due to the weather conditions in 2021, none of the substations where generation was staged were utilized in the 2021 PSCS season."	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 PSCS Mitigation
38	CalPA	Set WMP-14	CalAdvocates-PGE-2022WMP-14	8	CalAdvocate s-PGE-2022WMP-14_8	On Pg. 514 of PG&E's 2022 WMP, PG&E states, "PG&E switched vendors for this work in 2021. Contracts took longer than expected and the new vendor had to complete an extensive pilot to establish a solid relationship."	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	On Pg. 551 of PG&E's 2022 WMP, PG&E states that it will complete 32 circuit-miles of transmission system hardening in 2022. a)Please disaggregate these circuit-miles of transmission hardening into 100-mile segments.	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	On Pg. 564 of PG&E's 2022 WMP regarding Remote Grid Standalone Power 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."	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	On Pg. 567 of PG&E's 2022 WMP, PG&E uses three different terms, "trench miles", "circuit miles" and "underground miles". a)Please define each of these terms.	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	On Pg. 567 of PG&E's 2022 WMP, PG&E says, "This figure does not include a small volume (approximately 1.4 circuit miles) of previously hardened overhead lines that were placed underground."	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	In response to Data Request CalAdvocates-PGE-2022WMP-11, Question 3, PG&E provided its 2021 system hardening workplan, updated with the actual work performed in 2021.	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	PG&E's responses to Data Request CalAdvocates-PGE-2022WMP-10, Questions 1-3, are summarized in the following table:	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	a) Do PG&E consider tree attachments to be a significant wildfire risk factor? Please explain your answer. b) Does PG&E analyze and track whether ignitions or other adverse events occur near tree attachments?	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	In response to Data Request CalAdvocates-PGE-2022WMP-10, Question 9, PG&E provided its Quality Reviews of the potential wildfire risk.	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	In response to Data Request CalAdvocates-PGE-2022WMP-10, Question 9, PG&E provided its Quality Reviews of the potential wildfire risk.	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	Page 129 of PG&E's 2022 WMP states the following: Finally, it is important to note that in this 2022 WMP, the model that is used is the 2021 WDRM v3 and WFC Model has been updated.	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	In response to Data Request CalAdvocates-PGE-2022WMP-04, Question 8, PG&E provided its distribution system hardening workplan.	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	Page 140 of PG&E's 2022 WMP states the following: To avoid exposing the model to misleading data, the training events used in the model are the training events used in the 2021 WDRM v3 and WFC Model.	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	Page 145 of PG&E's 2022 WMP states, "As of the state of the 2022 WMP submission, E3's review of 2022 WDRM v3 and WFC Model has been completed."	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
52	CalPA	Set WMP-15	CalAdvocates-PGE-2022WMP-15	9	CalAdvocate s-PGE-2022WMP-15_9	In response to Data Request CalAdvocates-PGE-21-13 on page 216 of PG&E's 2022 WMP, PG&E refers to the Progress Report it filed on November 1, 2021.	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 2021 wildfire season."	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	PG&E's response to data request CalAdvocates-PGE-2022WMP-09, Question 1, shows three open Priority A corrective notifications on PG&E's	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	PG&E's response to data request CalAdvocates-PGE-2022WMP-09, Question 1, shows 785 open Priority B corrective notifications on PG&E's	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	PG&E's response to data request CalAdvocates-PGE-2022WMP-09, Question 1, shows 111,502 open corrective notifications on PG&E's distribution system in HFTD with	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	CalAdvocates-PGE-2022WMP-15	14	CalAdvocate s-PGE-2022WMP-15_14	Regarding PG&E's response to data request CalAdvocates-PGE-2022WMP-09: a) Does PG&E regularly monitor how many overdue, unresolved corrective	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
58	CalPA	Set WMP-15	CalAdvocates-PGE-2022WMP-15	15	CalAdvocate s-PGE-2022WMP-15_15	PG&E's non-spatial data tables included in 2022-02-25_PGE_2022_WMP-Update_RO_Section 7.3.a_Atch01.xlsx do not appear to follow the template included in	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/16/2022	3/16/2022	0	7.3.a	Detailed Wildfire Mitigation Initiatives	Financial Data on Mitigation Activities
59	CalPA	Set WMP-15	CalAdvocates-PGE-2022WMP-15	16	CalAdvocate s-PGE-2022WMP-15_16	Table 12 of PG&E's non-spatial data tables appears to aggregate routine vegetation management and Enhanced Vegetation Management (EVM) under initiative 7.3.5.2	Holly Wehrman Carolyn Chen Layla Labagh	3/11/2022	3/18/2022	3/18/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Program Costing
60	OEIS	Set 004	OEIS-PG&E-22-004	1	OEIS-PG&E-22-004_1	Detailed inspections and 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	Model and Metric Calculation Methodologies	Fire Potential Index (FPI) Model / PSPS Consequence Model
61	OEIS	Set 004	OEIS-PG&E-22-004	2	OEIS-PG&E-22-004_2	While PG&E provided undergrounding information in its GIS data, PG&E did not specifically report underground circuit 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 Mitigation Initiatives	Financial Data on Mitigation Activities
62	OEIS	Set 004	OEIS-PG&E-22-004	3	OEIS-PG&E-22-004_3	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	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	0	7.3.1	Risk Assessment and Mapping	Climate Trends
63	OEIS	Set 004	OEIS-PG&E-22-004	4	OEIS-PG&E-22-004_4	Guidelines requires the inclusion of a How has PG&E changed its mitigation plans to address lessons learned from past catastrophic fires? 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 and Risk Trends	Wildfire
64	OEIS	Set 004	OEIS-PG&E-22-004	5 (incorrectly marked as 4)	OEIS-PG&E-22-004_5 (incorrectly marked as 4)	Regarding Table 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. b) Why is PG&E expecting an increase in wire-down events for the following from 2022 to 2023?	Kevin Miller	3/11/2022	3/17/2022	3/17/2022	0	7.3.a	Detailed Wildfire Mitigation Initiatives	Financial Data on Mitigation Activities
65	OEIS	Set 004	OEIS-PG&E-22-004	6 (incorrectly marked as 5)	OEIS-PG&E-22-004_6 (incorrectly marked as 5)	Regarding Table 7.2: a) Why is PG&E expecting an increase in ignitions for the following from 2022 to 2023? i) Vegetation contacts ii) Connectors	Kevin Miller	3/11/2022	3/16/2022	3/16/2022	0	7.3.a	Detailed Wildfire Mitigation Initiatives	Financial Data on Mitigation Activities
66	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	1	CalAdvocate s-PGE-2022WMP-16	Page 631 of PG&E's 2022 WMP	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Additional Efforts to Manage Community
67	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	2	CalAdvocate s-PGE-2022WMP-16	Page 632 of PG&E's 2022 WMP	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Additional Efforts to Manage Community
68	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	3	CalAdvocate s-PGE-2022WMP-16	PG&E states "PG&E has finished the states "As of December 31, 2021	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Detailed Inspections and Management
69	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	4	CalAdvocate s-PGE-2022WMP-16	Page 637 of PG&E's 2022 WMP	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Detailed Inspections and Management
70	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	5	CalAdvocate s-PGE-2022WMP-16	states "As of September 2021, PG&E	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Emergency Response
71	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	6	CalAdvocate s-PGE-2022WMP-16	Section 7.3.5.7 of PG&E's 2022 WMP	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Remote Sensing
72	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	7	CalAdvocate s-PGE-2022WMP-16	discuss remote sensing inspections	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Remote Sensing
73	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	8	CalAdvocate s-PGE-2022WMP-16	Section 7.3.5.2, which shows planned	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Remote Sensing
74	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	9	CalAdvocate s-PGE-2022WMP-16	For Section 7.3.5.8 (regarding remote sensing on transmission facilities)	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Remote Sensing
75	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	10	CalAdvocate s-PGE-2022WMP-16	Table 12 of PG&E's 2022 WMP	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	Inspections of VM Spend
76	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	11	CalAdvocate s-PGE-2022WMP-16	On March 2, 2022, PG&E presented	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	EVM Spend
77	CalPA	Set WMP-16	CalAdvocates-PGE-2022WMP-16	12	CalAdvocate s-PGE-2022WMP-16	his "2023 General Rate Case Wildfire Table 3.3.3.1 of PG&E's Revised 2021 WMP, June 3, 2021	Dillon Copa Carolyn Chen	3/18/2022	3/23/2022	3/23/2022	0	7.3.3	Grid Design and System Hardening	System Hardening - Transmission
78	OEIS	Set 005	OEIS-PG&E-22-005	1	OEIS-PG&E-22-005_1	Q01. Provide and describe the "EPSS Reliability Impact analysis" as mentioned on page 494 of	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	7.3.3	Grid Design and System Hardening	EPSS Reliability Impact analysis
79	OEIS	Set 005	OEIS-PG&E-22-005	2	OEIS-PG&E-22-005_2	Q02. How many poles in PG&E's territory are subject to BRC 4292?	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM)	PRC 4292 Applicability
80	OEIS	Set 005	OEIS-PG&E-22-005	3	OEIS-PG&E-22-005_3	Q03. PG&E noted during the workshop that it has hired pre-inspectors as union employees. a) What percentage of pre-inspectors	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	7.3.5	Vegetation Management (VM) and Inspections	Contractor/Employee Performance
80	OEIS	Set 005	OEIS-PG&E-22-005	3 REV	OEIS-PG&E-22-005_3 REV	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 PG&E employees? b) Has PG&E found a difference in performance between contractor and	Kevin Miller	3/18/2022	4/1/2022	4/1/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Contractor/Employee Performance
81	OEIS	Set 005	OEIS-PG&E-22-005	4	OEIS-PG&E-22-005_4	Q04. Provide the QA/QV results for vegetation management broken down by inspection type	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	7.3.5	Vegetation Management (VM) and Inspections	Quality Assurance/Quality Control of
82	OEIS	Set 005	OEIS-PG&E-22-005	5	OEIS-PG&E-22-005_5	Q05. According to Section 7.3.5.13, out of the 7 QA/QV programs PG&E describes, 4 programs	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Quality Assurance/Quality Control of
83	OEIS	Set 005	OEIS-PG&E-22-005	6	OEIS-PG&E-22-005_6	Q06. In Section 7.3.5.13, PG&E provides the number of QA/QV audits it intended to perform in	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Quality Assurance/Quality Control of
84	OEIS	Set 005	OEIS-PG&E-22-005	7	OEIS-PG&E-22-005_7	Q07. Regarding PPS, on p. 863, PG&E describes "... the January 19, 2021, event that resulted	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	8	PSPS	Jan. 19, 2021 Event
85	OEIS	Set 005	OEIS-PG&E-22-005	8	OEIS-PG&E-22-005_8	Q08. Regarding PPS notification, discussing lessons learned from	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	8	PSPS	Additional Detail
86	OEIS	Set 005	OEIS-PG&E-22-005	9	OEIS-PG&E-22-005_9	Q09. As reported in Table 9.2, PG&E's increase in electric costs to ratepayer due to wildfire mitigation	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	0	3.2	Summary of Ratepayer impact	VM Spend
87	OEIS	Set 005	OEIS-PG&E-22-005	10	OEIS-PG&E-22-005_10	Q10. PG&E noted in its WMP that the deployment of EPSS throughout pilot areas in its service area led to a significant reduction in	Kevin Miller	3/18/2022	3/23/2022	3/23/2022	1	7.3.6.8	EPSS	Ignition Trends
88	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	1	CalAdvocate s-PGE-2022WMP-17_1	Per Table 12 of PG&E's 2022 WMP, the operating expenses for initiative 7.3.6.8 "Protective equipment and device settings" are as follows:	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	EPSS Spend
89	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	2	CalAdvocate s-PGE-2022WMP-17_2	2021, \$18.2 million (actual) for the number of EPSS-related outages that you currently forecast to occur in	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	EPSS-related outages
90	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	3	CalAdvocate s-PGE-2022WMP-17_3	2022. Provide a reason for any implemented fast recloser settings to	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	Device settings
91	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	4	CalAdvocate s-PGE-2022WMP-17_4	if any use engagement in benchmarking, data-sharing, or other	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	Benchmarking
92	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	5	CalAdvocate s-PGE-2022WMP-17_5	if any use engagement in benchmarking, data-sharing, or other	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.6.8	EPSS	Benchmarking
93	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	6	CalAdvocate s-PGE-2022WMP-17_6	On November 2, 2021, Cal Advocates staff (and other stakeholders) visited the site of an overhead system	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.3.3	Grid Design and System Hardening	Covered Conductor Installation
94	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	7	CalAdvocate s-PGE-2022WMP-17_7	On November 2, 2021, Cal Advocates staff (and other stakeholders) visited the site of an overhead system hardening project, Diamond Springs	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/25/2022	3/25/2022	0	7.3.3.6	Grid Design and System Hardening	Distribution Pole Replacement and Reinforcement, Including with Composite Poles
94	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	7 SUPP	CalAdvocate s-PGE-2022WMP-17_7 SUPP	1107. At this site, Cal Advocates staff (and other stakeholders) visited the site of an overhead system hardening project, Diamond Springs	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	4/1/2022	4/1/2022	0	7.3.3.6	Grid Design and System Hardening	Replacement and Reinforcement, Including with Composite Poles
95	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	8	CalAdvocate s-PGE-2022WMP-17_8	25_PGE_2022_WMP-Update_RO_Section 4.6_Atch01.pdf	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	4.6	Progress reporting on Key Areas of Improvement	Additional Detail
96	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	9	CalAdvocate s-PGE-2022WMP-17_9	a) What is the average trench depth PG&E employs in undergrounding projects?	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.3.16	Grid Design and System Hardening	Undergrounding
97	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	10	CalAdvocate s-PGE-2022WMP-17_10	b) Has PG&E examined the potential Please provide a spreadsheet listing (as rows) each undergrounding project completed during the period	Holly Wherman Carolyn Chen Layla Labagh	3/21/2022	3/29/2022	3/29/2022	2	7.3.3.16	Grid Design and System Hardening	Undergrounding

98	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	11	CalAdvocate s-PGE-2022WMP-17_11	Please provide a geodatabase with a polyline feature for each undergrounding project completed during the period of January 1, 2020, through March 1, 2022. In addition to	Holly Whermer Carolyn Chen Layla Labagh	3/21/2022	3/29/2022	3/29/2022	1	7.3.3.16	Grid Design and System Hardening	Undergrounding
99	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	12	CalAdvocate s-PGE-2022WMP-17_12	Per the table on page 270 of PG&E's 2022 WMP, in 2022 PG&E plans to	Holly Whermer Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.4	Asset Management and Inspections	Detached Inspections of Distribution
100	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	13	CalAdvocate s-PGE-2022WMP-17_13	Per the table on page 270 of PG&E's 2022 WMP, in 2021 PG&E completed	Holly Whermer Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.4.14	Asset Management and Inspections	Quality Assurance/Quality Control
101	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	14	CalAdvocate s-PGE-2022WMP-17_14	Page 62 of PG&E's 2022 WMP states that Desktop QC activities are	Holly Whermer Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.4.14	Asset Management and Inspections	Quality Assurance/Quality Control
102	CalPA	Set WMP-17	CalAdvocates-PGE-2022WMP-17	15	CalAdvocate s-PGE-2022WMP-17_15	Per Table 12 of PG&E's 2022 WMP, the operating expenses for initiative	Holly Whermer Carolyn Chen Layla Labagh	3/21/2022	3/24/2022	3/24/2022	0	7.3.4.1	Asset Management and Inspections	Quality Assurance/Quality Control
103	OEIS	Set 006	OEIS-PG&E-22-006_1	1	OEIS-PG&E-22-006_1	Discovery2022_DR_CalAdvocates_013-002_PG&E provided the below Q02. The frequently de-energized	Kevin Miller	3/22/2022	3/25/2022	3/25/2022	1	N/A	Miscellaneous	Additional Detail
104	OEIS	Set 006	OEIS-PG&E-22-006_2	2	OEIS-PG&E-22-006_2	Q02. The frequently de-energized circuit map provided as "Section 86_Arch01" appears	Kevin Miller	3/22/2022	3/25/2022	3/25/2022	2	8.6	PSPS	Identification of Frequently De-Energized Circuits
105	MGRA	2	MGRA Data Request No. 2	1	MGRA Data Request No. 2	Please provide a GIS file showing all EPSS outages and including an	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	N/A	EPSS	Outage History
106	MGRA	2	MGRA Data Request No. 2	2	MGRA Data Request No. 2	Please provide data for all ignitions that occurred while EPSS was active	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	N/A	EPSS	Ignition Trends
107	MGRA	2	MGRA Data Request No. 2	3	MGRA Data Request No. 2	Smartmeter Partial voltage Detection used for emergency de-energization?	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	N/A	EPSS	Additional Detail
108	MGRA	2	MGRA Data Request No. 2	4	MGRA Data Request No. 2	On p. 860, Figure PG&E 8.1-3, guideline categories are shown for	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	8	PSPS	Additional Detail
109	MGRA	2	MGRA Data Request No. 2	5	MGRA Data Request No. 2	On p. 906, PG&E describes its decision-making process for PSPS. How does the	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	8	PSPS	Additional Detail
110	MGRA	2	MGRA Data Request No. 2	6	MGRA Data Request No. 2	On page 8, PG&E discusses "new modeling" for ignition risk. Please	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
111	MGRA	2	MGRA Data Request No. 2	7	MGRA Data Request No. 2	In Table PG&E-4.2-2; WILDFIRE RISK DRIVERS, the frequency of	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment and Mapping	Wildfire Risk Data
112	MGRA	2	MGRA Data Request No. 2	8	MGRA Data Request No. 2	On page 129, Figure PG&E-4.5.1-3, 2022 WDRM V3 COMPOSITE	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment and Mapping	Risk Model
113	MGRA	2	MGRA Data Request No. 2	9	MGRA Data Request No. 2	Model ask technicians to provide a table and plot of 8 hour fire sizes against final	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment and Mapping	Additional Data
114	MGRA	2	MGRA Data Request No. 2	10	MGRA Data Request No. 2	Provide a non-confidential version of documentation describing the IPW	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment and Mapping	Additional Data
115	MGRA	2	MGRA Data Request No. 2	11	MGRA Data Request No. 2	On p. 189, PG&E states that the IPW model uses the Cat Boost Machine	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.1	Risk Assessment and Mapping	Additional Data
116	MGRA	2	MGRA Data Request No. 2	12	MGRA Data Request No. 2	On p. 191, PG&E states that with its IPW model "Operational	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	2	7.3.1	Risk Assessment and Mapping	Additional Data
117	MGRA	2	MGRA Data Request No. 2	13	MGRA Data Request No. 2	used the dashboard to evaluate On p. 205 PG&E describes its	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.3	Undergrounding	Additional Data
118	MGRA	2	MGRA Data Request No. 2	14	MGRA Data Request No. 2	Are the reviews of staff, management, or executives in any way tied to	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.3	Undergrounding	Additional Data
119	MGRA	2	MGRA Data Request No. 2	15	MGRA Data Request No. 2	0_20220225T144600_Section_71H_Arch01_WorkMans	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.3	Grid Design and System Hardening	Additional Data
120	MGRA	2	MGRA Data Request No. 2	16	MGRA Data Request No. 2	Please provide a non-confidential version of Data request response	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.3	Grid Design and System Hardening	Additional Data
121	MGRA	2	MGRA Data Request No. 2	17	MGRA Data Request No. 2	On p. 319, PG&E states that it has "Developed a weather-station specific	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.2	Situational Awareness and Forecasting	Additional Data
122	MGRA	2	MGRA Data Request No. 2	18	MGRA Data Request No. 2	On how many weather stations is 30 second weather observations	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.2	Situational Awareness and Forecasting	Additional Data
123	MGRA	2	MGRA Data Request No. 2	19	MGRA Data Request No. 2	On p. 384 PG&E states that "The phase and magnitude of the Madden-Julian	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.2	Situational Awareness and Forecasting	Additional Data
124	MGRA	2	MGRA Data Request No. 2	20	MGRA Data Request No. 2	On p. 765, PG&E states that its "Eli team conducted audit of multiple	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.7.4	Data Governance	Tracking and Analysis of Risk Event Data
125	MGRA	2	MGRA Data Request No. 2	21	MGRA Data Request No. 2	Provide tracking databases to identify work tracking phases to identify	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	7.3.7.1	Data Governance	Centralized Repository for Data
126	MGRA	2	MGRA Data Request No. 2	22	MGRA Data Request No. 2	Provide the contents of TABLE PG&E-8.6-1 LIST OF FREQUENTLY DE-	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	1	8	PSPS	Additional Data
127	MGRA	2	MGRA Data Request No. 2	23	MGRA Data Request No. 2	23 Followup, not Supp. Please provide the JUL2 responsible ignitions report, due to the CPUC on	Joseph Mitchell on behalf of MGRA	3/23/2022	4/1/2022	4/1/2022	1	N/A	Miscellaneous	Ignition Trends
127	MGRA	2	MGRA Data Request No. 2	23	MGRA Data Request No. 2	April 4, 2022. Due date for this data Please provide the JUL2 responsible ignitions report, due to the CPUC on	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	N/A	Miscellaneous	Ignition Trends
128	MGRA	2	MGRA Data Request No. 2	24	MGRA Data Request No. 2	On p. 71.E-Arch-21, the RSE for REFCL is given as 40. Please explain	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	N/A	Miscellaneous	REFCL
129	MGRA	2	MGRA Data Request No. 2	25	MGRA Data Request No. 2	Discovery2022_DR_CalAdvocates_013-Q11Arch01.xlsx, please verify the	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	N/A	Miscellaneous	REFCL
130	MGRA	2	MGRA Data Request No. 2	26	MGRA Data Request No. 2	On p. 631 PG&E states that its Fire Assessment Tool (TAT) incorporates	Joseph Mitchell on behalf of MGRA	3/23/2022	3/28/2022	3/28/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Additional Efforts to Manage Community and Environmental
131	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	1	CalAdvocate s-PGE-2022WMP-18_1	PG&E's response to data request CalAdvocates-PGE-2022WMP-16, PG&E's response to data request	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Additional Detail
132	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	2	CalAdvocate s-PGE-2022WMP-18_2	PG&E's response to data request CalAdvocates-PGE-2022WMP-15, Question 16 shows a reduction of	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Vegetation Management (VM) and Inspections	VM Spend
133	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	3	CalAdvocate s-PGE-2022WMP-18_3	Regarding PG&E's 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? c) If the answers to parts (a) and (b)	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.3	Grid Design and System Hardening	Service Life of Assets
134	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	4	CalAdvocate s-PGE-2022WMP-18_4	PG&E's response to data request OEIS-PG&E-22-005, Question 3, states, "The QAI/QV score is	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	11	7.3.5	Vegetation Management (VM) and Inspections	Quality Assurance/Quality Control
135	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	5	CalAdvocate s-PGE-2022WMP-18_5	As part of PG&E's response to issue 5.4.B, PG&E included the following attachments to its 2022 WMP	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
136	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	6	CalAdvocate s-PGE-2022WMP-18_6	PG&E's written response to issue 5.4.B3 states that priority A is used	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
137	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	7	CalAdvocate s-PGE-2022WMP-18_7	In general, please explain: a) Why PG&E's procedures allow a private A corrective notification to be	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
138	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	8	CalAdvocate s-PGE-2022WMP-18_8	PG&E's response to data request Question 5 states, "Pre-Inspectors	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	2	7.3.5	Vegetation Management (VM) and Inspections	Emergency Response Vegetation
139	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	9	CalAdvocate s-PGE-2022WMP-18_9	PG&E's response to data request CalAdvocates-PGE-2022WMP-16, Question 6 states, "The current use	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Remote Sensing Inspections of Vegetation Around
140	CalPA	Set WMP-18	CalAdvocates-PGE-2022WMP-18	10	CalAdvocate s-PGE-2022WMP-18_10	CalAdvocates-PGE-2022WMP-16, Question 6 states, "GRI scanning	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/30/2022	3/30/2022	0	7.3.5	Vegetation Management (VM) and Inspections	Inspections of Vegetation Around
141	CalPA	Set WMP-19	CalAdvocates-PGE-2022WMP-19	1	CalAdvocate s-PGE-2022WMP-19_1	states that, for 2022, the "highest wildfire risk miles" includes, among	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/31/2022	3/31/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
142	CalPA	Set WMP-19	CalAdvocates-PGE-2022WMP-19	2	CalAdvocate s-PGE-2022WMP-19_2	Please add the following data to "CalAdvocates-PGE-2022WMP-19	Holly Whermer Carolyn Chen Layla Labagh	3/25/2022	3/31/2022	3/31/2022	1	7.3.3	Grid Design and System Hardening	Additional Detail
143	OEIS	Set 007	OEIS-PG&E-22-007_1	1	OEIS-PG&E-22-007_1	Arch01.xlsx" with changes to the	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	8	PSPS	Additional Detail
144	OEIS	Set 007	OEIS-PG&E-22-007_2	2	OEIS-PG&E-22-007_2	Based on the 2021 10-year PSPS lookback analysis, PG&E	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
145	OEIS	Set 007	OEIS-PG&E-22-007_3	3	OEIS-PG&E-22-007_3	Q02. With regard to maturity survey question F.IV.a Does the utility have	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	4	OEIS-PG&E-22-007_4	Q03. With regard to maturity survey question F.IV.c Under which circumstances does the	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
147	OEIS	Set 007	OEIS-PG&E-22-007_5	5	OEIS-PG&E-22-007_5	Q04. With regard to maturity survey question F.V.b How automated is the 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%"	Kevin Miller	3/25/2022	3/31/2022	3/31/2022	1	7.3.3	Grid Design and System Hardening	EPSS Reliability Impact analysis
148	OEIS	Set 007	OEIS-PG&E-22-007_6	6	OEIS-PG&E-22-007_6	Q05. Regarding OEISOPG&E-22-005, provide the additional columns in WMP Discovery2022_DR_OEIS_005. Regarding WMP	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
148	OEIS	Set 007	OEIS-PG&E-22-007_6 REV	6 REV	OEIS-PG&E-22-007_6 REV	Discovery2022_DR_CalAdvocates_12-002Arch01-006. Regarding WMP-Discovery2022_DR_CalAdvocates_12-002Arch01-	Kevin Miller	3/25/2022	4/1/2022	4/1/2022	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	OEIS-PG&E-22-007_7	Q07. Provide the same information in the same format as supplied in Table 1, for climbing inspections, IR inspections, and drone inspections for detailed and	Kevin Miller	3/25/2022	4/8/2022	4/8/2022	1	7.3.4.14	Asset Management and Inspections	Detailed Inspections of Transmission Electric Lines and Equipment
150	OEIS	Set 007	OEIS-PG&E-22-007	8	OEIS-PG&E-22-007_8	Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.3	Grid Design and System Hardening	Additional Detail
151	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	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
151	OEIS	Set 007	OEIS-PG&E-22-007	9 SUPP	OEIS-PG&E-22-007_9 SUPP	Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is	Kevin Miller	3/25/2022	4/30/2022			4.5	Model and Metric Calculation Methodologies	Wildfire Distribution Risk Model
152	OEIS	Set 007	OEIS-PG&E-22-007	10	OEIS-PG&E-22-007_10	In Southern California Edison's 2022 WMP Update, the utility states that "in high and medium vibration	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.3	Grid Design and System Hardening	Vibration Susceptibility
153	OEIS	Set 007	OEIS-PG&E-22-007	11	OEIS-PG&E-22-007_11	This joint response on covered conductor effectiveness states "Several covered conductor specific	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	1	7.3.3	Grid Design and System Hardening	Additional Detail
154	OEIS	Set 007	OEIS-PG&E-22-007	12	OEIS-PG&E-22-007_12	Regarding covered conductor inspections and maintenance.	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	3	7.3.3	Grid Design and System Hardening	Covered Conductor Maintenance
155	OEIS	Set 007	OEIS-PG&E-22-007	13	OEIS-PG&E-22-007_13	Regarding the following job aids: Discovery2022_DR_CalAdvocates_04_008Arch01.xlsx and	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	1	7.3.1	Risk Assessment and Mapping	Additional Detail
156	OEIS	Set 007	OEIS-PG&E-22-007	14	OEIS-PG&E-22-007_14	Discovery2022_DR_CalAdvocates_03_004Arch01CONE.xlsx with the	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
157	OEIS	Set 007	OEIS-PG&E-22-007	15	OEIS-PG&E-22-007_15	In PG&E's response to WMP Discovery2022_DR_OEIS_002-Q07, PG&E states that they are also	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
158	OEIS	Set 007	OEIS-PG&E-22-007	16	OEIS-PG&E-22-007_16	in PG&E's 2022 WMP Update, PG&E states the following (p. 531):	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.3	Grid Design and System Hardening	Additional Detail
159	OEIS	Set 007	OEIS-PG&E-22-007	17	OEIS-PG&E-22-007_17	Because system hardening work is PG&E states that it will initiate	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	EPSS	Additional Detail
160	OEIS	Set 007	OEIS-PG&E-22-007	18	OEIS-PG&E-22-007_18	reliability mitigations on 50 EPSS capable circuits in the HFTD	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
161	OEIS	Set 007	OEIS-PG&E-22-007	19	OEIS-PG&E-22-007_19	Utility Defensible Space (UDS) program and sets a target of 7,000	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	8	PSPS	Additional Detail
162	OEIS	Set 007	OEIS-PG&E-22-007	20	OEIS-PG&E-22-007_20	scope and frequency in 2022 and 2023 based on mitigations and	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	7.3.2	Situational Awareness and Forecasting	Weather Stations
163	OEIS	Set 007	OEIS-PG&E-22-007	21	OEIS-PG&E-22-007_21	Regarding section 7.3.2.1.3 weather stations:	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
164	OEIS	Set 007	OEIS-PG&E-22-007	22	OEIS-PG&E-22-007_22	Regarding PG&E's weather Maturity Survey question B.11.c:	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
165	OEIS	Set 007	OEIS-PG&E-22-007	23	OEIS-PG&E-22-007_23	a) Please describe how PG&E is addressing PG&E's response to Maturity Survey question B.11.c:	Kevin Miller	3/25/2022	3/30/2022	3/30/2022	0	N/A	Miscellaneous	Maturity Survey
166	OEIS	Set 007	OEIS-PG&E-22-007	24	OEIS-PG&E-22-007_24	a) Please describe what PG&E needs regarding safety and infrastructure	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
167	MGRA	3	MGRA Data Request No. 3	1	MGRA Data Request No. 3_1	Regarding DTS FAST on Page 874	Joseph Mitchell on behalf of MGRA	3/28/2022	3/31/2022	3/31/2022	0	7.3.1	Risk Assessment and Mapping	Additional Detail
168	MGRA	4	MGRA Data Request No. 4	1	MGRA Data Request No. 4_1	a) Was the prototype field test installation at the Santa Cruz service	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
169	MGRA	4	MGRA Data Request No. 4	2	MGRA Data Request No. 4_2	PG&E explain technically how PG&E's WDRM applies a conditional	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
170	MGRA	4	MGRA Data Request No. 4	3	MGRA Data Request No. 4_3	probability or makes any other adjustment to account for the fact the Technosylva	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
171	MGRA	4	MGRA Data Request No. 4	4	MGRA Data Request No. 4_4	In the WDRM v3 model, has Cal Fire outcome data derived from VIIRS correlation now replaced the 8 hour	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
172	MGRA	4	MGRA Data Request No. 4	5	MGRA Data Request No. 4_5	Technosylva simulation?	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
173	MGRA	4	MGRA Data Request No. 4	6	MGRA Data Request No. 4_6	What is the remaining role of Technosylva simulation in the v3 model?	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
174	OEIS	Set 008	OEIS-PG&E-22-008	1	OEIS-PG&E-22-008_1	If the Technosylva outputs are linked to the VIIRS data, how is this linkage performed?	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
175	OEIS	Set 008	OEIS-PG&E-22-008	2	OEIS-PG&E-22-008_2	specify now consequences are assigned from the VIIRS fires to the Cal Fire fire outcome data set. Is this assignment based on a specific	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
176	OEIS	Set 008	OEIS-PG&E-22-008	3	OEIS-PG&E-22-008_3	PG&E states that the seasonal Monte Carlo starts in the season Monte Carlo (P(ignition) value are the result of marginalizing daily P(ignition) values across days from historic fire	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	1	7.3.4	Asset Management and Inspections	Additional Detail
177	OEIS	Set 008	OEIS-PG&E-22-008	4	OEIS-PG&E-22-008_4	is the seasonal P(ignition) multiplied by a seasonal estimate of consequence scores to obtain a seasonal risk score for each driver?	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	1	4.2.1	Risk Assessment and Mapping	Service Territory Fire-Threat Evaluation and Ignition Risk Trends
178	OEIS	Set 008	OEIS-PG&E-22-008	5	OEIS-PG&E-22-008_5	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	7.3.3.17.1	Grid Design and System Hardening	System Hardening
179	OEIS	Set 008	OEIS-PG&E-22-008	6	OEIS-PG&E-22-008_6	Q05. In CalAdvocates_007-Q01, PG&E states that it "completed over 210 miles of distribution system hardening, with approximately 66% of	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
180	OEIS	Set 008	OEIS-PG&E-22-008	7	OEIS-PG&E-22-008_7	0.6 in PG&E's 2022 WMP Update, in section 7.3.7.4, PG&E discloses that it conducted an audit of work tracking databases which identified	Kevin Miller	4/1/2022	4/6/2022	4/6/2022	0	N/A	Miscellaneous	Maturity Survey
181	OEIS	Set 008	OEIS-PG&E-22-008	8	OEIS-PG&E-22-008_8	Q07. In response to Data Request OEIS-PG&E-2022-001, Question 5a, PG&E states that it re-evaluated its 2021 [Maturity Survey] response	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
182	CalPA	Set WMP-20	CalAdvocates-PGE-2022WMP-20	1	CalAdvocate s-PGE-2022WMP-20_1	and if you were to hire approximately 40 Linemen and 100	Holly Wherman Carolyn Chen Layla Labagh	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 Composite Poles
183	CalPA	Set WMP-20	CalAdvocates-PGE-2022WMP-20	2	CalAdvocate s-PGE-2022WMP-20_2	Announces construction for the next	Holly Wherman Carolyn Chen Layla Labagh	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 Composite Poles
184	OEIS	Set 009	OEIS-P&GE-22-009	1	OEIS-P&GE-22-009_1	On average, how many poles per circuit-mile exist on bare-wire distribution circuits in HFTD?	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-P&GE-22-009	2	OEIS-P&GE-22-009_2	Q01. Based on analysis of information reported in the WMP, PG&E reports a \$530 million increase in vegetation management	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	1	7.3.3	Grid Design & System Hardening	Program Cost Projection
186	OEIS	Set 009	OEIS-P&GE-22-009	3	OEIS-P&GE-22-009_3	Q02. Based on analysis of information reported in the WMP, PG&E reports an increase of \$198 million in Grid Design and System Hardening category initiatives over the amount projected	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	7.3.3.16	Grid Design & System Hardening	Undergrounding
187	OEIS	Set 009	OEIS-P&GE-22-009	4	OEIS-P&GE-22-009_4	Q03. Table 12 shows zero spending for the undergrounding Grid Hardening Initiative 7.3.3.16	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	7.3.3.3	Grid Design & System Hardening	Covered Conductor Installation
188	OEIS	Set 009	OEIS-P&GE-22-009	5	OEIS-P&GE-22-009_5	Undergrounding of electric lines and/or equipment (Row 61). Q04. Table 12 shows zero spending for the undergrounding Grid Hardening 7.3.3.3 Covered conductor installation (Row 38).	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-P&GE-22-009	6	OEIS-P&GE-22-009_6	a) What accounts for zero spending on covered conductor initiatives in Q05. Based on analysis of information reported in the WMP, spending in the data governance initiative category decreased by \$53 million compared to the amount projected from the 2021 WMP Update.	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0	7.3.3.8.1	Grid Design & System Hardening	Distribution Sectionalizing Devices
						Q06. Provide the following information regarding PSPS Distribution sectionalizing devices: a) The average number of sectionalizing devices per circuit	Kevin Miller	4/8/2022	4/13/2022	4/13/2022	0			

190	OEIS	Set 009	OEIS-P&GE-22-009	7	OEIS-P&GE-22-009_7	Q07. In PG&E's 2022 WMP update, in section 7.3.7.4, PG&E reports that it conducted an audit of work tracking databases which please provide the name and title of the responding individuals (i.e., the person responsible for the content of your answer) for each piece of information requested. If the	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	Q: How has PG&E mitigated this to ensure that isolators are secured throughout their infrastructure and not swinging and causing sparks and catastrophic wildfires? Has PG&E made efforts to mitigate the swinging of vertical insulator strings now that this has been identified as a cause of catastrophic wildfire? What has PG&E changed in terms of their inspections and other mitigation activities to ensure this type of wildfire ignition never happens again?	Will Abrams	4/11/2022	4/14/2022			4.6	Miscellaneous	5.4B Corrective Actions
192	Will Abrams	Set 02	WillAbrams-Set 02	1	WillAbrams-Set 02_1	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	TBD			TBD	TBD	TBD
193	Will Abrams	Set 02	WillAbrams-Set 02	2	WillAbrams-Set 02_2	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	TBD			TBD	TBD	TBD
194	Will Abrams	Set 02	WillAbrams-Set 02	3	WillAbrams-Set 02_3	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	TBD			TBD	TBD	TBD
195	Will Abrams	Set 02	WillAbrams-Set 02	4	WillAbrams-Set 02_4	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	TBD			TBD	TBD	TBD
196	Will Abrams	Set 02	WillAbrams-Set 02	5	WillAbrams-Set 02_5	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 or line segment is situated on a similar "upslope" how is PG&E mitigating the increased fire risk?	Will Abrams	4/13/2022	TBD			TBD	TBD	TBD
197	Will Abrams	Set 02	WillAbrams-Set 02	6	WillAbrams-Set 02_6	Q: 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	TBD			TBD	TBD	TBD
198	Will Abrams	Set 02	WillAbrams-Set 02	7	WillAbrams-Set 02_7	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	TBD			TBD	TBD	TBD
199	Will Abrams	Set 02	WillAbrams-Set 02	8	WillAbrams-Set 02_8	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	TBD			TBD	TBD	TBD
200	Will Abrams	Set 02	WillAbrams-Set 02	9	WillAbrams-Set 02_9	Q: What additional risk mitigation 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	TBD			TBD	TBD	TBD
201	Will Abrams	Set 02	WillAbrams-Set 02	10	WillAbrams-Set 02_10	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	TBD			TBD	TBD	TBD
202	Will Abrams	Set 02	WillAbrams-Set 02	11	WillAbrams-Set 02_11	Q: Given this "primary concern," what added risk mitigation practices has PG&E implemented to address power plant vegetation management and metal recycling procedures?	Will Abrams	4/13/2022	TBD			TBD	TBD	TBD
203	Will Abrams	Set 02	WillAbrams-Set 02	12	WillAbrams-Set 02_12	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	TBD			TBD	TBD	TBD
204	Will Abrams	Set 02	WillAbrams-Set 02	13	WillAbrams-Set 02_13	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	TBD			TBD	TBD	TBD
205	Will Abrams	Set 02	WillAbrams-Set 02	14	WillAbrams-Set 02_14	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	TBD			TBD	TBD	TBD
206	Will Abrams	Set 02	WillAbrams-Set 02	15	WillAbrams-Set 02_15	Q: 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	TBD			TBD	TBD	TBD
207	Will Abrams	Set 02	WillAbrams-Set 02	16	WillAbrams-Set 02_16	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	TBD			TBD	TBD	TBD
208	Will Abrams	Set 02	WillAbrams-Set 02	17	WillAbrams-Set 02_17	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	TBD			TBD	TBD	TBD
209	Will Abrams	Set 02	WillAbrams-Set 02	18	WillAbrams-Set 02_18	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	TBD			TBD	TBD	TBD
210	Will Abrams	Set 02	WillAbrams-Set 02	19	WillAbrams-Set 02_19	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	TBD			TBD	TBD	TBD
211	Will Abrams	Set 02	WillAbrams-Set 02	20	WillAbrams-Set 02_20		Will Abrams	4/13/2022	TBD			TBD	TBD	TBD

212	Will Abrams	Set 02	WillAbrams-Set 02	21	WillAbrams-Set 02_21	Q: Given all these similar causes (loose wires, low-cycle fatigue, wind conditions, etc.) between the Sawmill Fire and the Kincade Fire why did PG&E still not mitigate these causes and include those mitigation tactics within their WMP? Given this failure pattern, why did PG&E state over and over again that the Kincade Fire was a "black swan"? Why did Bill Johnson, CEO dismissively state that "sometimes things just break" in reference to the Kincade Fire given this pattern and the clear failure of PG&E policies and practices?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
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 PG&E now make sure those instructions are documented and addressed? Where are these issues addressed in the PG&E WMP given that staff repeatedly did not heed these instructions?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
214	Will Abrams	Set 02	WillAbrams-Set 02	23	WillAbrams-Set 02_23	Q: 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 failures in configuration and maintenance practices that caused the Kincade Fire?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
215	Will Abrams	Set 02	WillAbrams-Set 02	24	WillAbrams-Set 02_24	Q: How has PG&E improved their policies and wildfire 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	TBD				TBD	TBD	TBD
216	Will Abrams	Set 02	WillAbrams-Set 02	25	WillAbrams-Set 02_25	Q: Given the ambiguity of "N/A" 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	TBD				TBD	TBD	TBD
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	TBD				TBD	TBD	TBD
218	Will Abrams	Set 02	WillAbrams-Set 02	27	WillAbrams-Set 02_27	Q: Is this practice of "covering the insulators with silicone grease" the approved 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	TBD				TBD	TBD	TBD
219	Will Abrams	Set 02	WillAbrams-Set 02	28	WillAbrams-Set 02_28	Q: Is this practice of waiting till there is a "solid line of arcing" a prudent wildfire 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 PG&E corrected this flawed practice?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
220	Will Abrams	Set 02	WillAbrams-Set 02	29	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 and associated operations?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
221	Will Abrams	Set 02	WillAbrams-Set 02	30	WillAbrams-Set 02_30	Q: Is PG&E still injecting iron into cooling systems? If so, how is PG&E 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 wildfires?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
222	Will Abrams	Set 02	WillAbrams-Set 02	31	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 standards have been created to mitigate these risks?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
223	Will Abrams	Set 02	WillAbrams-Set 02	32	WillAbrams-Set 02_32	Q: Are these "Scotch-Brite and "heliwash" practices still employed for cleaning insulators? Has this been standardized or do crew supervisors still have discretion of when to wash or replace? What WMP practices have standardized these practices given the known wildfire risks?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
224	Will Abrams	Set 02	WillAbrams-Set 02	33	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 cause or contributing factor of catastrophic wildfires?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
225	Will Abrams	Set 02	WillAbrams-Set 02	34	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 replacement given the risk of wildfire ignitions?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
226	Will Abrams	Set 02	WillAbrams-Set 02	35	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 decommissioned or mothballed?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
227	Will Abrams	Set 02	WillAbrams-Set 02	36	WillAbrams-Set 02_36	Q: 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 WMP?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
228	Will Abrams	Set 02	WillAbrams-Set 02	37	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 remedy?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
229	Will Abrams	Set 02	WillAbrams-Set 02	38	WillAbrams-Set 02_38	Q: Is engineering design now required for these types of mothballing practices? Why is this not reflected within the WMP given the wildfire risk?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
230	Will Abrams	Set 02	WillAbrams-Set 02	39	WillAbrams-Set 02_39	Q: Given the subsequent catastrophic fire, does PG&E now require an "engineering reference" for this type of line configuration work? Why are these standards not set in the WMP?	Will Abrams	4/13/2022	TBD				TBD	TBD	TBD
Pre-Discovery 01	CalPA	Set WMP-02	CalAdvocates-PGE-2022WMP-02	1	CalAdvocate s-PGE-2022WMP-02	Please identify and provide a copy of all quality assurance or quality control	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	17		7.3.4	Asset Management and Inspections	QA/QC Reports
Pre-Discovery 02	CalPA	Set WMP-02	CalAdvocates-PGE-2022WMP-02	2	CalAdvocate s-PGE-2022WMP-02	Please identify and provide a copy of all quality assurance or quality control	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	27		7.3.4	Asset Management and Inspections	QA/QC Reports
Pre-Discovery 03	CalPA	Set WMP-02	CalAdvocates-PGE-2022WMP-02	3	CalAdvocate s-PGE-2022WMP-02	Provide an excel table of all defects in the year 2021 found by Energy	Alan Wehrman	12/17/2021	1/18/2022	1/18/2022	1		N/A	Miscellaneous	Additional Detail
Pre-Discovery 04	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	1	CalAdvocate s-PGE-2022WMP-03	Please note that the geographical regions are mutually exclusive (i.e.	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	1		N/A	Miscellaneous	Additional Detail
Pre-Discovery 05	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	2SUPP	CalAdvocate s-PGE-2022WMP-03	Provide an Excel table of all	Alan Wehrman	12/17/2021	2/15/2022	2/15/2022	1		N/A	Miscellaneous	Additional Detail

Pre-Discovery 05	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	2	CalAdvocate s-PGE-2022WMP-03	Provide an Excel table of all transmission circuit-segments	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	1		N/A	Miscellaneous	Additional Detail
Pre-Discovery 06	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	3	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 07	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	4	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 08	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	5	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 09	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	6	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 10	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	7	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 11	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	8	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 12	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	9	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 13	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	10	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 14	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	11	CalAdvocate s-PGE-2022WMP-03	Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	2/1/2022	2/1/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 15	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	12	CalAdvocate s-PGE-2022WMP-03	Please note that 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 + For each POU to which you supply	Alan Wehrman	12/17/2021	2/8/2022	2/10/2022	0		N/A	Miscellaneous	Additional Detail
Pre-Discovery 15	CalPA	Set WMP-03	CalAdvocates-PGE-2022WMP-03	12 REV	CalAdvocate s-PGE-2022WMP-03_12 REV	Provide a shapefile containing, as line features, the most recent spatial data regarding your PGE's circuit modeling capabilities. Please Note: this question refers to transmission structures generally.	Alan Wehrman	12/17/2021	4/1/2022	4/1/2022	0		N/A	Miscellaneous	Additional Detail
Pre-Discovery 16	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	1	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0		8	PSPS	Communication with Public/Owned
Pre-Discovery 17	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	2	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1		7.1.F	Wildfire Mitigation Strategy	Wildfire Risk Data
Pre-Discovery 18	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	3	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0		8.1 and 8.2	PSPS	Additional Detail
Pre-Discovery 19	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	4	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	0		7.3.4.2	Asset Management and Inspections	Detailed Inspections
Pre-Discovery 20	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	5 (a,b)	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	3/4/2022	3/4/2022	1		3.1	Summary of Wildfire Mitigation Plan	Additional detail on expenditures
Pre-Discovery 20	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	5 (c-d)	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	3/11/2022	3/4/2022	1		N/A	Miscellaneous	Additional Detail
Pre-Discovery 20	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	5 (e)	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	3/14/2022 (Noon)	3/14/2022	1		N/A	Miscellaneous	Additional Detail
Pre-Discovery 21	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	6 (a,b)	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	3/4/2022	3/4/2022	1		3.1	Summary of Wildfire Mitigation Plan	Additional detail on expenditures
Pre-Discovery 21	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	6 (c-d)	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	3/11/2022	3/4/2022	1		N/A	Miscellaneous	Additional Detail
Pre-Discovery 21	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	6 (e)	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	3/14/2022 (Noon)	3/14/2022	0		N/A	Miscellaneous	Additional Detail
Pre-Discovery 22	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	7	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1		7.3.5.2	Vegetation Management (V/M)	Enhanced
Pre-Discovery 23	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	8	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	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-Discovery 24	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	9	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	Alan Wehrman	12/17/2021	2/25/2022	2/25/2022	1		7.3.3.17.2	Grid Design and System Hardening	System Hardening - Distribution
Pre-Discovery 25	CalPA	Set WMP-04	CalAdvocates-PGE-2022WMP-04	10	CalAdvocate s-PGE-2022WMP-04	Supplemental to Q5	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-Discovery 26	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	1	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	1		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 27	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	2	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 28	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	3	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 29	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	4	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 30	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	5	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	0		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 31	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	6	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/24/2022	1/10/2022	0		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 32	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	7	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/24/2022	1/24/2022	1		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 32	CalPA	Set WMP-05	CalAdvocates-PGE-2022WMP-05	7 SUPP	CalAdvocate s-PGE-2022WMP-05	Supplemental to Q5	Alan Wehrman	12/23/2021	1/24/2022	1/24/2022	1		7.3.5.2	Vegetation Management (V/M)	Miscellaneous
Pre-Discovery 33	CalPA	Set WMP-06	CalAdvocates-PGE-2022WMP-06	1	CalAdvocate s-PGE-2022WMP-06	Supplemental to Q5	Alan Wehrman	12/23/2021	1/10/2022	1/10/2022	2		7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre-Discovery 34	CalPA	Set WMP-06	CalAdvocates-PGE-2022WMP-06	2	CalAdvocate s-PGE-2022WMP-06_2	Question 2 The Monitor's 2021 report states: The cross arm was first identified in connection with an August 19, 2019 patrol. The tag had a due date of February 19, 2020 (a 6-month Priority E tag). The repair was permitted and ready for construction in April 2020 (which was already late), but was never completed. On September 10, 2020, the notification was reassessed and the crew lead requested that the work be expedited before the 2021 fire season (that is, August 30, 2021). 4 a) In reference to the above, why was the work scheduled for April 2020 not completed? b) Please explain what is meant above by "the crew lead requested that the work be expedited before the 2021 fire season." For example, did the crew open a new tag, or increase the priority of the existing tag? c) In reference to the above, why was the expedited work that was requested on September 10, 2020 not completed? d) As of June 16, 2021, what was the priority of the tag on this crossarm discussed above?	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	0		7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre-Discovery 35	CalPA	Set WMP-06	CalAdvocates-PGE-2022WMP-06	3	CalAdvocate s-PGE-2022WMP-06_3	Question 3 P. 37 of the Monitor's 2021 report describes PG&E's Field Safety Reassessments (FSR) process, in which unresolved tags are periodically reviewed. a) Was 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 crossarm described in Question 2, including FSR inspections, that occurred between the date the tag was originally opened and June 16, 2021.	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	4		7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre-Discovery 36	CalPA	Set WMP-06	CalAdvocates-PGE-2022WMP-06	4	CalAdvocate s-PGE-2022WMP-06_4	Question 4 The Monitor's 2021 report states: As of the date of the PIIR, there were 1290 open notifications on the same circuit associated with common ignition drivers, of which 886 were past due and 256 were due within six months. Of these, 66 open notifications were associated with cross arms, of which 55 were past due and 11 were due within six months. 5 a) Following the ignition on June 16, 2021, did PG&E reinspect or otherwise assess the 886 past due tags described above? b) Describe all Question 5 a) Does PG&E have a plan to address the late tags that exist on its system in HFTD? b) If the answer to part (a) is yes, will this plan be described in PG&E's 2022 WMP? c) If the answer to part (a) is no, please explain why not.	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	0		7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre-Discovery 37	CalPA	Set WMP-06	CalAdvocates-PGE-2022WMP-06	5	CalAdvocate s-PGE-2022WMP-06_5	Regarding PG&E's 2021 distribution system hardening efforts, as described in section 7.3.3.17.1 its 2021 Revised WMP: a) How many miles of distribution system hardening did PG&E complete in 2021? b) What percentage of the distribution system hardening work in 2021 was performed in the top 20 percent of circuit segments as defined by PG&E's 2021 Wildfire Distribution Risk Model for System Hardening? c) If the answer to part (b) is lower than 80 percent, please explain why.	Alan Wehrman	12/23/2021	1/14/2022	1/14/2022	0		7.3.4	Asset Management and Inspections	Additional Detail
Pre-Discovery 38	CalPA	Set WMP-07	CalAdvocates-PGE-2022WMP-07	1	CalAdvocate s-PGE-2022WMP-07_1	2 "The top 20 percent of circuit segments as defined by PG&E's 2021 Wildfire Distribution Risk Model for System Hardening" should be defined the same way for the purposes of this question as in PG&E's 2021 Revised WMP.	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-Discovery 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 its 2021 Revised WMP.	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-Discovery 40	CalPA	Set WMP-07	CalAdvocates-PGE-2022WMP-07	3	CalAdvocates-PGE-2022WMP-07_3	<p>The November 23, 2021 Federal Monitor's report states:</p> <p>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 missed field issues by PG&E inspectors across 435 structures. Approximately 31% of the structures had potential exceptions related to recordkeeping, for a total of 642 potential exceptions by PG&E inspectors across 507 structures.4</p> <p>a) Please describe all actions that PG&E has taken in 2021 to improve the quality of its distribution inspections to reduce the number of potential exceptions5 in the future.</p> <p>b) Has PG&E performed any re-inspections or inspection validation efforts following the findings of the Federal Monitor, described above?</p> <p>c) If the answer to part (b) is yes, please describe those efforts.</p>	Alan Wehrman	12/23/2021	2/1/2022	2/1/2022	0	7.3.4.1	Asset Management and Inspections	Inspections - Distribution
Pre-Discovery 41	CalPA	Set WMP-07	CalAdvocates-PGE-2022WMP-07	4	CalAdvocates-PGE-2022WMP-07_4	<p>The November 23, 2021 Federal Monitor report states:</p> <p>In 2021, the Monitor team inspected 304 electric transmission structures via PG&E aerial 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 potential exceptions, for a total of 136 missed issues across 76 structures.6</p> <p>a) Please describe all actions that PG&E has taken in 2021 to improve the quality of its aerial transmission inspections to reduce the number of potential exceptions in the future.</p> <p>b) Has PG&E performed any re-inspections or inspection validation efforts following the findings of the Federal Monitor, described above?</p> <p>c) If the answer to part (b) is yes, please describe those efforts.</p> <p>d) If the answer to part (b) is no, please explain why not.</p>	Alan Wehrman	12/23/2021	2/1/2022	2/1/2022	0	7.3.4.2	Asset Management and Inspections	Inspections - Transmission
Pre-Discovery 42	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	1	CalAdvocates-PGE-2022WMP-08_1	<p>The following questions relate to the PG&E Independent Monitor Report of November 19, 2021, Kirkland & Ellis LLP, filed on November 23, 2021 (the Monitor's 2021 report),3 and PG&E's responses to Data Request CalAdvocates-PGE-2022WMP-06, dated January 10 and 14, 2022. PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06 states that the ignition occurring on June 21, 2021 was CPUC reportable.4 a) Please provide a copy of each ignition report (for the ignition referenced above) that PG&E submitted to the CPUC. b) If PG&E did not submit any ignition reports for the ignition referenced above, please explain why not. 3 Kirkland & Ellis LLP, PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), November 23, 2021. 4 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question 1, Attachment 1, p. 1.</p>	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	N/A	Miscellaneous	Additional Detail
Pre-Discovery 43	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	2	CalAdvocates-PGE-2022WMP-08_2	<p>PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06 includes an inspection report from June 13, 2021 with the finding "Open Wire Service (to weatherhead) or Open Wire Secondary at this location."5 a) Please explain what is meant by this finding. b) Please define "Open Wire Service (to weatherhead)." c) Please define "Open Wire Secondary." 5 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question 3, Attachment 4, p. 2.</p>	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
Pre-Discovery 44	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	3	CalAdvocates-PGE-2022WMP-08_3	<p>PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06 includes an inspection report from June 13, 2021 which lists no "damage or compelling abnormal conditions" in all categories except "Other Required Data."6 Regarding this inspection: a) It is Cal Advocates' understanding that, as of June 13, 2021, the crossarm that failed on June 16 still had open electric corrective notifications because the maintenance issues previously flagged in 2019 and 2020 had not been remediated. Is this correct? b) Please explain why the inspector did not note any damage to the crossarm during this inspection. c) State what PG&E inspection protocol(s) the inspector used on June 13, 2021 for this inspection. d) List the regulations and internal standards against which the inspector was supposed to verify compliance in this inspection on June 13, 2021. e) Has PG&E's management identified any flaws or shortcomings in the performance of this particular inspection? f) If the answer to part (e) is yes, please describe what action(s) PG&E has taken to address the identified flaws</p>	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.3.5	Crossarm Maintenance	Miscellaneous
Pre-Discovery 45	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	4	CalAdvocates-PGE-2022WMP-08_4	<p>PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06 includes 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 by the individual who performed the inspection on June 13, 2021? b) If the answer to part (a) is yes, please list and describe the specific actions PG&E has taken. c) If the answer to part (a) is no, please explain why not.</p>	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-Discovery 46	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	5 SUPP	CalAdvocates-PGE-2022WMP-08_5 SUPP	<p>Final ACE reports for 11 ignitions in 2021</p>	Holly Wehrman	1/28/2022	4/8/2022			7.3.7	Data Governance	Asset Failure Analysis

Pre-Discovery 46	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	5 (a,b)	CalAdvocate s-PGE-2022WMP-08_5 (a,b)	The auditor's 2021 report states, "For example, PG&E's recently established Asset Failure Analysis Team causally connected a June 2021 ignition to a broken cross arm." 7 a) When was PG&E's Asset Failure Analysis Team established? b) Please provide a brief description of the purpose and activities of the Asset Failure Analysis Team. c) Please describe what, if any, work product is produced by the Asset Failure Analysis Team (for example, written reports or presentations). d) Please describe any changes or improvements to WMP initiatives that have resulted from activities performed by the Asset Failure Analysis Team. e) Is the Asset Failure Analysis Team discussed in PG&E's 2022 WMP Update? Please provide a reference to the appropriate section, if yes. f) Please describe how the Asset Failure Analysis Team causally connected the June 2021 ignition to the broken crossarm. g) Has the Asset Failure Analysis Team causally connected other ignitions that occurred in 2021 to failed assets with existing corrective notifications? h) If the answer to part (g) is yes,	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.7	Data Governance	Asset Failure Analysis
Pre-Discovery 46	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	5 (c-h)	CalAdvocate s-PGE-2022WMP-08_5 (c-h)	The auditor's 2021 report states, "For example, PG&E's recently established Asset Failure Analysis Team causally connected a June 2021 ignition to a broken cross arm." 7 a) When was PG&E's Asset Failure Analysis Team established? b) Please provide a brief description of the purpose and activities of the Asset Failure Analysis Team. c) Please describe what, if any, work product is produced by the Asset Failure Analysis Team (for example, written reports or presentations). d) Please describe any changes or improvements to WMP initiatives that have resulted from activities performed by the Asset Failure Analysis Team. e) Is the Asset Failure Analysis Team discussed in PG&E's 2022 WMP Update? Please provide a reference to the appropriate section, if yes. f) Please describe how the Asset Failure Analysis Team causally connected the June 2021 ignition to the broken crossarm. g) Has the Asset Failure Analysis Team causally connected other ignitions that occurred in 2021 to failed assets with existing corrective notifications? h) If the answer to part (g) is yes,	Alan Wehrman	1/28/2022	3/4/2022	3/8/2022	0	7.3.7	Data Governance	Asset Failure Analysis
Pre-Discovery 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 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question 2.	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	N/A	Miscellaneous	Additional Detail
Pre-Discovery 48	CalPA	Set WMP-08	CalAdvocates-PGE-2022WMP-08	7	CalAdvocate s-PGE-2022WMP-08_7	PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06 states that, as of June 16, 2021, the priority of the corrective notification associated with the failed crossarm was priority E.9 Why was the corrective notification never re-prioritized above priority E during the period of February 19, 2020 to June 16, 2021? 9 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question 2.	Alan Wehrman	1/28/2022	2/25/2022	2/25/2022	0	7.3.4	Asset Management and Inspections	Additional Detail
Pre-Discovery 49	CalPA	Set WMP-09	CalAdvocates-PGE-2022WMP-09	1	CalAdvocate s-PGE-2022WMP-09_1	Provide an Excel table listing (as rows) all corrective notifications on electric distribution circuits that were open as of February 1, 2022, and located in HFTD areas. The table should include the following information in separate columns. a. Notification identification (ID) number b. Name of the associated circuit c. ID number of the associated circuit d. HFTD tier e. Functional location f. Geographic latitude in decimal degrees, truncated to seven decimal places g. Geographic longitude in decimal degrees, truncated to seven decimal places h. Date the notification was originally opened i. Priority of the original notification (please use PG&E's internal system of A, B, E, etc.) j. Due date of the original notification k. Object/damage code (see definitions) l. Date(s) the notification was reinspected or modified, if any m. Priority of the notification after it was reinspected or modified, if applicable n. Due date of the notification after it was reinspected or modified, if applicable	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	1	7.3.4	Asset Management and Inspections	Additional Detail - Distribution
Pre-Discovery 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-Discovery 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-Discovery 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-Discovery 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-Discovery 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-Discovery 55	CalPA	Set WMP-10	CalAdvocates-PGE-2022WMP-10	4	CalAdvocates-PGE-2022WMP-10_4	When PG&E performs undergrounding in the HFTD for wildfire mitigation purposes, in places where other utilities (such as telecommunications providers) share PG&E's poles: a) Please describe PG&E's current policy regarding undergrounding the other utilities' equipment. b) Please describe PG&E's current policy regarding removal of the shared poles. c) Please describe PG&E's current policy regarding ownership of the shared poles after electric conductors have been placed underground. d) Please describe PG&E's approach to co-trenching with utilities that share PG&E's poles, if any. e) What is PG&E's current policy regarding undergrounding other utilities' equipment in locations with limited ingress and egress, such as evacuation corridors from rural communities? f) What is PG&E's current policy regarding removal of shared poles in locations with limited ingress and egress, such as evacuation corridors from rural communities?	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-Discovery 56	CalPA	Set WMP-10	CalAdvocates-PGE-2022WMP-10	5	CalAdvocates-PGE-2022WMP-10_5	During the field visit to PG&E facilities on November 2, 2021, Cal Advocates 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 the remainder of the pole intact to support telecommunications utility infrastructure. a) Is this representative of PG&E's practice when undergrounding powerlines that share poles with other utilities? b) If not, please describe PG&E's typical practice in such circumstances.	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-Discovery 57	CalPA	Set WMP-10	CalAdvocates-PGE-2022WMP-10	6	CalAdvocates-PGE-2022WMP-10_6	During the field visit to PG&E facilities on November 2, 2021, Cal Advocates 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 the remainder of the pole intact to support telecommunications utility infrastructure. a) Is this representative of PG&E's practice when undergrounding powerlines that share poles with other utilities? b) If not, please describe PG&E's typical practice in such circumstances.	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-Discovery 58	CalPA	Set WMP-10	CalAdvocates-PGE-2022WMP-10	7	CalAdvocates-PGE-2022WMP-10_7	Per PG&E's response to Data Request CalAdvocates-PGE-2022WMP-03, Question 1, PG&E installed approximately 109 circuit-miles of underground conductor in HFTDs 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-of-way, how many miles of right-of-way did PG&E's 2021 undergrounding work affect in HFTDs? c) Among the miles of right-of-way undergrounded in HFTDs in 2021, how many miles of telecommunications did PG&E co-trench? d) Of the miles undergrounded in HFTDs in 2021, on how many miles of right-of-way did PG&E remove the poles? e) Of the miles undergrounded in HFTDs in 2021, on how many miles of right-of-way did PG&E top the poles?	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-Discovery 59	CalPA	Set WMP-10	CalAdvocates-PGE-2022WMP-10	8	CalAdvocates-PGE-2022WMP-10_8	a) Has PG&E identified transportation corridors within its service territory where falling or failing lines or poles could currently limit egress and/or ingress during an emergency? b) If the answer to part (a) is yes, please describe how PG&E identifies such transportation corridors. c) If available, please provide a geospatial data file that contains all current identified transportation corridors with ingress and egress hazards.	Holly Wehrman	2/15/2022	3/2/2022	3/2/2022	0	7.3.9	Emergency Planning And Preparedness	Additional Detail
Pre-Discovery 60	CalPA	Set WMP-10	CalAdvocates-PGE-2022WMP-10	9	CalAdvocates-PGE-2022WMP-10_9	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 Request, provide copies as soon as they are complete.	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-Discovery 61	OEIS	Set 002	OEIS-PG&E-22-002	1	OEIS-PG&E-22-002_1	Q01. As a follow up to the answer received from DR-001, which asked: "In PG&E's cover letter to its Submission of 2022 Wildfire 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 to benchmark with Southern California Edison Company (SCE) and San Diego Gas & Electric Company (SDG&E) regarding the Survey. These benchmarking discussions were very helpful, especially to understand how the other utilities were interpreting certain questions and approaching the response to those questions. This benchmarking resulting in a re-evaluation of some of our scores based on feedback from the other utilities." Energy Safety would like to know the following: To which questions of the 2022 Wildfire Mitigation Plan Maturity Model Assessment answered by PG&E does this above notice apply?," please answer the below questions: Energy Safety requires like data for comparison across a three-year period. a. How is PG&E planning to increase automation for algorithm updates based on deviations? b. How does PG&E currently perform partial (<50%) automation for this task?	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	N/A	Miscellaneous	Maturity Survey
Pre-Discovery 62	OEIS	Set 002	OEIS-PG&E-22-002	2	OEIS-PG&E-22-002_2	Q02. Regarding PG&E's response to Maturity Survey question A.V.b (How automated is the mechanism to determine whether to update algorithms based on deviations?): a. How is PG&E planning to increase automation for algorithm updates based on deviations? b. How does PG&E currently perform partial (<50%) automation for this task?	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.1	Risk Assessment and Mapping	Survey Responses

Pre-Discovery 63	OEIS	Set 002	OEIS-PG&E-22-002	3	OEIS-PG&E-22-002_3	Q03. Regarding PG&E's response to Maturity Survey question A.V.c (How are deviations from risk model to ignitions and propagation detected?): a. Describe how PG&E "manually" checks deviations between the risk model to ignitions and propagation detection. b. Provide PG&E's plan to progress to a semi-automated for this check by January 1, 2023.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.1	Risk Assessment and Mapping	Survey Responses
Pre-Discovery 64	OEIS	Set 002	OEIS-PG&E-22-002	4	OEIS-PG&E-22-002_4	C. Grid design and system hardening Q04. 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?): a. Describe how PG&E plans to exceed GO 95 requirements by January 1, 2023.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre-Discovery 65	OEIS	Set 002	OEIS-PG&E-22-002	5	OEIS-PG&E-22-002_5	Q05. Regarding PG&E's response to Maturity Survey question C.III.a (What level of redundancy does the utility's transmission architecture have?): a. Provide the percentage of circuits that have n-1 redundancy. b. Provide PG&E's plan to increase level of redundancy for transmission circuits.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre-Discovery 66	OEIS	Set 002	OEIS-PG&E-22-002	6	OEIS-PG&E-22-002_6	Q06. Regarding PG&E's response to Maturity Survey question C.III.c (What level of sectionalization does the utility's distribution architecture have?): a. Provide the percentage of circuits that have more than 2000 customers within one switch. b. Describe PG&E's plan to isolate circuits to reduce the number of customers within one switch.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre-Discovery 67	OEIS	Set 002	OEIS-PG&E-22-002	7	OEIS-PG&E-22-002_7	Q07. Regarding PG&E's response to Maturity Survey question C.III.d (How does the utility consider egress points in its grid topology?): a. Given PG&E "does not consider" egress as part of its grid topology design, how does PG&E currently factor and account for egress into wildfire and safety risks? b. How is PG&E planning to input egress into grid topology design moving forward?	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre-Discovery 68	OEIS	Set 002	OEIS-PG&E-22-002	8	OEIS-PG&E-22-002_8	Q08. 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. b. How does PG&E plan to move from considering some hardening initiatives to most by January 1, 2023? D. Asset management and inspections	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.3	Grid Design and System Hardening	Survey Responses
Pre-Discovery 69	OEIS	Set 002	OEIS-PG&E-22-002	9	OEIS-PG&E-22-002_9	Q09. Regarding PG&E's response to Maturity Survey question D.I.a (What information is captured in the equipment inventory database?): a. Describe why PG&E moved from having an "accurate inventory of equipment" to "no service territory-wide inventory" from 2021 to 2022. Include any lessons learned from benchmarking with other utilities. b. Provide an estimated percentage of the equipment currently within PG&E's inventory. c. Provide PG&E's plan to move towards an accurate inventory service territory-wide, including integration of inspections and repairs, by January 1, 2023.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.4	Asset Management and Inspections	Survey Responses
Pre-Discovery 70	OEIS	Set 002	OEIS-PG&E-22-002	10	OEIS-PG&E-22-002_10	Q10. Regarding PG&E's response to Maturity Survey question D.I.c (Does all equipment in HFTD areas have the ability to detect and respond to malfunctions?): a. Why does PG&E only update asset condition annually? b. Provide all existing bottlenecks that prevent PG&E from updating its asset conditions more frequently, including any plans to alleviate such bottlenecks.	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.4	Asset Management and Inspections	Survey Responses
Pre-Discovery 71	OEIS	Set 002	OEIS-PG&E-22-002	11	OEIS-PG&E-22-002_11	Q11. Regarding PG&E's response to Maturity Survey question D.IV.a (What level are electrical lines and equipment maintained at?): a. Why is PG&E not currently meeting consistent maintenance, as required? b. What percentage of circuits are not meeting required regulation? c. How did benchmarking with other utilities change PG&E's response and understanding?	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	1	7.3.3	Grid Design and System Hardening	Survey Responses
Pre-Discovery 72	OEIS	Set 002	OEIS-PG&E-22-002	12	OEIS-PG&E-22-002_12	F. Grid operations and protocols Q12. Regarding PG&E's response to Maturity Survey question F.III.d (During PPS events does the utility's website go down?): a. How many times did PG&E's website go down during PPS events?	Kevin Miller	2/22/2022	3/4/2022	3/4/2022	0	7.3.6	Grid Operations and Protocols	Survey Responses
Pre-Discovery 73	CalPA	Set WMP-11	CalAdvocates-PGE-2022WMP-11	1	CalAdvocates-PGE-2022WMP-11_1	On February 2, 2022, PG&E filed its third 90-day report in response to the Enhanced Oversight and Enforcement Process. Please provide Excel versions of the following attachments to this report: a) Attachment A: 2021 EVM Scope of Work - Year End Summary b) Attachment B: 2021 EVM Work Performed Outside the 2021 EVM Scope of Work - Year-End Summary c) Attachment C: 2022 EVM Scope of Work	Holly Wehrman Carolyn Chen Layla Labagh	2/24/2022	3/2/2022	3/3/2022	3	N/A	Miscellaneous	Additional Detail
Pre-Discovery 74	CalPA	Set WMP-11	CalAdvocates-PGE-2022WMP-11	2	CalAdvocates-PGE-2022WMP-11_2	In response to Data Request CalAdvocates-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 circuit-segment in 2021 as a new column. Rows should be added as needed to cover all circuit-segments where PG&E performed EVM work in 2021. Note: If the response to this question is entirely covered by Question 1, please explain how so. No additional files will be required in this case. In response to Data Request CalAdvocates-PGE-2021WMP-10, Question 6, March 3, 2021, PG&E provided its 2021 system hardening workplan for the categories referred to in parts (a)-(d) below. Please provide an updated version of this workplan with additional columns to show the actual system hardening	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-Discovery 75	CalPA	Set WMP-11	CalAdvocates-PGE-2022WMP-11	3	CalAdvocates-PGE-2022WMP-11_3	In response to Data Request CalAdvocates-PGE-2021WMP-10, Question 6, March 3, 2021, PG&E provided its 2021 system hardening workplan for the categories referred to in parts (a)-(d) below. Please provide an updated version of this workplan with additional columns to show the actual system hardening	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-Discovery 76	CalPA	Set WMP-11	CalAdvocates-PGE-2022WMP-11	4	<p>CalAdvocate s-PGE- 2022WMP- 11_4</p> <p>In PG&E's 2021 Q4 Quarterly Initiative Update, PG&E stated that, as of 2021 Q4, PG&E had hardened 210.5 distribution line miles under initiative "C.13 - System Hardening (Distribution)."</p> <p>As stated in PG&E's response to Data Request CalAdvocates-PGE-2022WMP-03, February 15, 2022, attachment "WMP-Discovery2022_DR_CalAdvocates_03-Q02Supp01Atch01CONF.xlsx," PG&E installed 153.1 miles of covered conductor in HFTD in 2021, and 108.8 miles of underground conductor in HFTD in 2021, which totals 261.9 miles.</p> <p>Please explain the apparent discrepancy in number of miles between the above documents.</p>	Holly Wehrman Carolyn Chen Layla Labagh	2/24/2022	3/2/2022	3/3/2022	0	7.3.3.17	Grid Design and System Hardening	System Hardening
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