|       |            |             | Link to Disco                  | very Response | s: https://ww                              | /w.pge.com/en_US/safety/emergency-preparedness/na  | tural-disaster/wild   | fires/wildfire | -mitigation-p     | lan-discove | ry-data-requests.page |             |  |   |
|-------|------------|-------------|--------------------------------|---------------|--|--|---|----------------|-------------------|-------------|-----------------------|-------------|--|---|
| Count | Party Name | Data Set    | Data Request                   | Question No.  | Question<br>ID                             | Question Text  | Requestor   | Date Rec'd     | Final Due<br>Date | Date Sent   | Number NDA Required   | WMP Section | Category   | Subcategory   |
| 1     | CalPA      | Set WMP-12  | CalAdvocates-PGE               | <u> </u>      | CalAdvocate s-PGE-                         | In response to Data Request CalAdvocates-PGE-2022WMP-<br>03, Question 5, PG&E stated with<br>regard to detailed ground inspections of transmission towers,   | Holly Wehrman<br>Carolyn Chen                                 | 3/3/2022       | 3/8/2022          | 3/8/2022    | 0                     | 7.3.4.2     | Asset Management                                 | Detailed Inspections of Transmission  |
| 2     | CalPA      | Set WMP-12  | 2022WMP-12 CalAdvocates-PGE    | <u> </u>      | 2022WMP-<br>12_1<br>CalAdvocate<br>s-PGE-  | "The average number of inspections  completed per day in 2021 was 10.9 for contractors, and 7.6.  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   | Layla Labagh  Holly Wehrman Carolyn Chen                      | 3/3/2022       | 3/8/2022          | 3/8/2022    | 1                     | 7.3.4.14    | and Inspections  Asset Management                | electric lines and equipment  Quality assurance / quality control of  |
|       | Can A      | OCT WINI 12 | 2022WMP-12                     |               | 12_2 CalAdvocate                           | desktop and field Quality Control reviews  did not identify any Priority A or Priority B L C tags issued" for For desktop Quality Control reviews of transmission drone inspections, please provide the same data as requested in  | Layla Labagh  Holly Wehrman                                   | 3/3/2022       | 3/0/2022          | 3/0/2022    | '                     | 7.5.4.14    | and Inspections                                  | inspections Ouality assurance /   |
| 3     | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | 3             | s-PGE-<br>2022WMP-<br>12_3                 | Question 2.  For desktop Quality Control reviews of transmission detailed  | Carolyn Chen<br>Layla Labagh                                  | 3/3/2022       | 3/8/2022          | 3/8/2022    | 0                     | 7.3.4.14    | Asset Management and Inspections                 | quality control of inspections  |
| 4     | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | <u>=</u> . 4  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>12_4  | ground inspections, please provide the same data as requested in Question 2.   | Holly Wehrman<br>Carolyn Chen<br>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<br>2022WMP-12 | 5             | CalAdvocate<br>s-PGE-<br>2022WMP-<br>12_5  | For field Quality Control reviews of transmission climbing inspections, please provide the same data as requested in Question 2.   | Holly Wehrman<br>Carolyn Chen<br>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<br>2022WMP-12 | 6             | CalAdvocate<br>s-PGE-<br>2022WMP-          | For field Quality Control reviews of transmission drone inspections, please provide the same data as requested in Question 2   | Holly Wehrman<br>Carolyn Chen<br>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<br>2022WMP-12 | <u> </u>      | s-PGE-<br>2022WMP-                         | 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 accurance /   |
| 8     | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | <b>≡</b> - 8  | 12_7 CalAdvocate s-PGE- 2022WMP- 12_8      | Desktop Reviews that 60% of inspections had no mistakes and 13% of inspections resulted in a "Failed Review."  Through Field Reviews, Quality Control found that 45% of  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                 | 3/3/2022       | 3/8/2022          | 3/8/2022    | 0                     | 7.3.4.14    | Asset Management and Inspections                 | Quality assurance /   |
| 9     | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | <u>=</u> . 9  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>12_9  | inspections had no mistakes and 20% of inspections resulted For Desktop Quality Control reviews of detailed distribution inspections, please provide the same data as requested in Question 2.   | Holly Wehrman<br>Carolyn Chen<br>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<br>2022WMP-12 | 10            | CalAdvocate<br>s-PGE-<br>2022WMP-<br>12_10 | For Field Quality Control reviews of detailed distribution inspections, please provide the same data as requested in Question 2.   | Holly Wehrman<br>Carolyn Chen<br>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<br>2022WMP-12 | = 11          | s-PGE-                                     | 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-Discovery2022_DR_CalAdvocates_004-Q02Atch01.zip"   | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                 | 3/3/2022       | 3/8/2022          | 3/8/2022    | 0                     | 7.1.F       | Wildfire Mitigation<br>Strategy                  | Wildfire Risk Data  |
| 12    | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | 12            | CalAdvocate<br>s-PGE-<br>2022WMP-<br>12_12 | which has been prepared with the same information in the The file "WMP_section_71F.gdb" submitted with PG&E's 2022 WMP contains a layer titled "WMP_section_71F Distribution_Wildfire_Risk." This layer has the following attributes: OBJECTID   | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                 | 3/3/2022       | 3/8/2022          | 3/8/2022    | 1                     | 7.1.F       | Wildfire Mitigation<br>Strategy                  | Wildfire Risk Data  |
| 13    | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | 13            | CalAdvocate<br>s-PGE-<br>2022WMP-<br>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 Conductor, Underground, and Line Removal."  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                 | 3/3/2022       | 3/8/2022          | 3/8/2022    | 0                     | 7.3.3.17.1  | Grid Design and<br>System Hardening              | Updates to grid<br>topology to<br>minimize risk of<br>ignition in HFTDs,<br>System Hardening,<br>Distribution |
| 14    | CalPA      | Set WMP-12  | CalAdvocates-PGE<br>2022WMP-12 | 14            | CalAdvocate<br>s-PGE-<br>2022WMP-<br>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 19, 2020 to June 16, 2021 because none of the inspectors who reviewed this  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                 | 3/3/2022       | 3/8/2022          | 3/8/2022    | 0                     | 7.3.3.12.4  | Grid Design and<br>System Hardening              | Other corrective action, Maintenance, Distribution  |
| 15    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 1             | s-PGE-<br>2022WMP-<br>13_1                 | PG&E's 2021 Q4 Quarterly Initiative 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 Current Fault Limiter:  The current REFCL pilot project at Calistoga experienced upsuccessful technology integration, and implementation to                                 | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 1                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 16    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 2             | CalAdvocate<br>s-PGE-<br>2022WMP-<br>13_2  | unsuccessful technology integration and implementation to a) What is the status of PG&E's REFCL program as of the issuance date of this DR?  b) Does PG&E plan to continue the REFCL program?  c) If the answer to subpart (b) is "yes", please describe PG&E's current plans (with specific project timelines and milestones) for the REFCL program.            | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 17    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 3             | CalAdvocate<br>s-PGE-<br>2022WMP-<br>13_3  | PG&E's 2022 WMP states:  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 do not currently plan to install any additional REFCL systems at this time.  PG&E plans to repair and rebuild the REFCL installation at               | Holly Wehrman   | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 18    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | Ξ. 4          | s-PGE-<br>2022WMP-                         | PG&E plans to repair and rebuild the RFFCL installation at PG&E's 2022 WMP states:  The Calistoga REFCL pilot project finished construction in 2020. In 2021, PG&E attempted to commission and test the REFCL technology in Calistoga. PG&E completed an elevated voltage stress test and one field ground fault test PG&E's 2022 WMP states:                    | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 19    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 5             | s-PGE-<br>2022WMP-<br>13_5                 | After the initial positive tests, the Calistoga REFCL pilot demonstration was stalled due to the failure of the substation REFCL equipment. In addition, PG&E had difficulty obtaining replacement equipment from various overseas suppliers due a) How effective is REFCL compared to covered conductor   | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 20    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 6             | s-PGE-<br>2022WMP-<br>13_6                 | installation in reducing wildfire risks? b) Please provide any available supporting documentation regarding your response to subpart (a) above. c) How effective is REFCL compared to undergrounding in PG&E's 2022 WMP states:  | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 21    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 7             | s-PGE-<br>2022WMP-<br>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, PG&E is looking to further study REFCL capabilities after obtaining replacement supplies and PG&E's 2022 WMP provides the following for "Lessons"  | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 22    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 8             | CalAdvocate<br>s-PGE-<br>2022WMP-<br>13_8  | Learned" from the REFCL initiative in 2021:  • PG&E should use gang operated switchgear and protective devices instead of single pole operated devices for REFCL installations.  PG&E's Test Year 2023 General Rate Case Testimony,  | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 23    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 9             | CalAdvocate<br>s-PGE-<br>2022WMP-<br>13_9  | Exhibit PG&E-4, states the following regarding the REFCL program:  Based on our initial testing and the successful implementation in Australia. PG&E has developed a short-term strategy to Regarding these two 2022 WMP Initiatives:  | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 24    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 10            | CalAdvocate<br>s-PGE-<br>2022WMP-<br>13_10 | • 7.3.3.17.4 – Updates to grid topology to minimize risk of ignition in HFTDs, Rapid Earth     Current Fault Limiter11     • 7.3.6.8 – Protective Equipment and Device Settings" 12 In its 2022 WMP and supporting attachments, PG&E does  | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 0                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 25    | CalPA      | Set WMP-13  | CalAdvocates-PGE<br>2022WMP-13 | 11            | CalAdvocate<br>s-PGE-<br>2022WMP-<br>13_11 | not appear to provide a Risk Spend Efficiency (RSE) score for 2022 WMP Initiative 7.3.3.17.4—Updates to grid topology to minimize risk of ignition in HFTDs, Rapid Earth Current Fault Limiter.  | Miles Gordon<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 3/4/2022       | 3/9/2022          | 3/9/2022    | 1                     | 7.3.3.17.4  | Grid Design and<br>System Hardening              | Rapid Earth Current<br>Fault Limiter  |
| 26    | OEIS       | Set 003     | OEIS-PG&E-22-<br>003           | 1             | OEIS-PG&E<br>22-003_1                      | Considering Maturity Model Survey question E.IV.h, how would PG&E answer this modified version? Does the utility work with landowners to provide a use(s) for vegetation cut on the landowner's property? (Y/N)  | Kevin Miller  | 3/4/2022       | 3/10/2022         | 3/10/2022   | 0                     | 7.3.5       | Vegetation<br>Management (VM)<br>and Inspections | Vegetation grow-in mitigation   |
| 27    | OEIS       | Set 003     | OEIS-PG&E-22-<br>003           | 2             |  | Considering Maturity Model Survey question E.V.f, how would PG&E answer this modified version? Does the utility work with landowners to provide a use(s) for vegetation cut on the landowner's property? (Y/N)  From the Maturity Survey, in Category E (Vegetation  | Kevin Miller  | 3/4/2022       | 3/10/2022         | 3/10/2022   | 0                     | 7.3.5       | Vegetation<br>Management (VM)<br>and Inspections | Vegetation fall-in mitigation   |
| 28    | OEIS       | Set 003     | OEIS-PG&E-22-<br>003           | 3             | OEIS-PG&E<br>22-003_3                      | Management) it is apparent that PG&E is building a granular, frequently updated inventory (Capability 21) and moving towards using "predictive modeling of vegetation growth" to schedule vegetation inspections (E.II.c). However, PG&E still (and will as of Jan 1, 2023) schedule VM inspections based on annual or periodic schedules (E.II.b) and determine | Kevin Miller  | 3/4/2022       | 3/10/2022         | 3/10/2022   | 0                     | 7.3.5       | Vegetation<br>Management (VM)<br>and Inspections | Vegetation<br>inspection<br>effectiveness   |

|    |       |            |                                 |    |  |  |  |           |           |           |   |            | 1  |  |
|----|-------|------------|---------------------------------|----|--|--|--|-----------|-----------|-----------|---|------------|--|--|
| 29 | OEIS  | Set 003    | OEIS-PG&E-22-<br>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<br>Management (VM)<br>and Inspections | Vegetation grow-in mitigation                                  |
| 30 | OEIS  | Set 003    | OEIS-PG&E-22-<br>003            | 5  | 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 reinterpretation of questions. Prior to benchmarking its 2022 answers with other utilities and re-interpreting these  | Kevin Miller   | 3/4/2022  | 3/10/2022 | 3/10/2022 | 0 | N/A        | Miscellaneous                                    | Maturity Survey  |
| 31 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 1  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>14_1  | questions, what was PG&E's answer to those questions? OIT Pg. 430 OI PG&E'S 2022 WINIP, Table 7.3.3-1 Highlights the average time it takes PG&E to complete a system hardening project that spans 1-2 miles. a)Please provide a list of all types of system hardening  | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.3    | Grid Design and<br>System Hardening              | Covered Conductor<br>Installation                              |
| 32 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 2  | s-PGE-                                     | Pg. 435 of your 2022 WMP Update states, "The table represents base overhead System Hardening projects after scoping is completed. As mentioned above, Fire Rebuild   | Dillon Copa Holly Wehrman Carolyn Chen                               | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.3    | Grid Design and<br>System Hardening              | Covered Conductor<br>Installation                              |
| 33 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 3  | CalAdvocate<br>s-PGE-<br>2022WMP-          | occurs on a faster cycle." Therefore, please disaggregate table On Pg. 442 of PG&E's 2022 WMP, PG&E states, "In 2021, PG&E identified and completed repairs or replacements of approximately 10,946 deteriorated crossarms."   | Layla Labagh<br>Dillon Copa<br>Holly Wehrman<br>Carolyn Chen         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 1 | 7.3.3.5    | Grid Design and<br>System Hardening              | Crossarm<br>Maintenance,<br>Repair and                         |
| 34 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 4  | 14_3 CalAdvocate s-PGE- 2022WMP- 14_4      | a)Please provide a .gdb spatial file showing where PG&E PG&E replaced 16,359 poles and reinforced 3,012 poles." a)Please provide a .gdb spatial file showing where PG&E replaced poles. b)Please provide a .gdb spatial file showing where PG&E  | Layla Labagh  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<br>System Hardening              | Replacement  Distribution Pole Replacement                     |
| 35 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 5  | CalAdvocate s-PGE-                         | reinforced poles.  On Pg. 451 or PG&E'S 2022 WINIP, 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 significant rains in the fall of 2021, this issue, which impacts the functionality but not the safety of   | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.8.1  | Grid Design and<br>System Hardening              | Distribution Line<br>Sectionalizing                            |
| 36 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 6  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>14_6  | চিনিপু: প্রতা দেও প্রতি হৈ বিশ্ব | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 2 | 7.3.3.8.2  | Grid Design and<br>System Hardening              | Transmission Line<br>Sectionalizing                            |
| 37 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 7  | s-PGE-                                     | weather conditions in 2021, none of the substations where generation was staged were utilized in the 2021 PSPS season."  a)What lessons did PG&E learn about staging temporary   | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.11.1 | Grid Design and<br>System Hardening              | Generation for PSPS Migitation                                 |
| 38 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 8  | s-PGE-                                     | 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 foundation based on high quality pole loading calculations."  a)Please describe why PG&E switched vendors for this work   | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 2 | 7.3.3.13   | Grid Design and<br>System Hardening              | Pole Loading<br>Infrastructure<br>Hardening and<br>Replacement |
| 39 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 9  | s-PGE-                                     | 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 the following types: bare-wire overhead  | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.17.2 | Grid Design and<br>System Hardening              | System Hardening -<br>Transmission                             |
| 40 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 10 | s-PGE-                                     | hardening, conductor removal, other. 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 towards approximately 15 projects in 2023, followed by additional growth in the   | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen<br>Layla Labagh         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.17.5 | Grid Design and<br>System Hardening              | Remote Grid  |
| 41 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 11 | CalAdvocate<br>s-PGE-<br>2022WMP-          | overall number of systems deployed annually in 2024-2025." 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. b)How does each term differ from one another?  | Dillon Copa<br>Holly Wehrman<br>Carolyn Chen                         | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.17.6 | Grid Design and<br>System Hardening              | Butte County<br>Rebuild Program                                |
| 42 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 12 | s-PGE-<br>2022WMP-                         | c)Please provide a conversion between these units of 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                               | 3/10/2022 | 3/15/2022 | 3/15/2022 | 0 | 7.3.3.17.6 | Grid Design and<br>System Hardening              | Butte County<br>Rebuild Program                                |
| 43 | CalPA | Set WMP-14 | CalAdvocates-PGE-<br>2022WMP-14 | 13 | CalAdvocate s-PGE-                         | a)How many circuit-miles total (including non-Butte rebuild miles) were previously hardened overhead and were placed 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. This workplan lists the circuit name associated with each  | Layla Labagh  Dillon Copa  Holly Wehrman  Carolyn Chen               | 3/10/2022 | 3/15/2022 | 3/15/2022 | 1 | 7.3.3.17   | Grid Design and<br>System Hardening              | System Hardening   |
| 44 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 1  | 14_13 CalAdvocate s-PGE- 2022WMP-          | system hardening order but does not list the circuit protection zone. Please provide an updated version of this spreadsheet PG&E's responses to Data Request CalAdvocates-PGE-2022WMP-10, Questions 1-3, are summarized in the following table:  | Layla Labagh  Holly Wehrman  Carolyn Chen  Layla Labagh              | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 7.3.3      | Grid Design and<br>System Hardening              | Tree Attachments   |
| 45 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 2  | CalAdvocate s-PGE-                         | Tree Attachments Existing as of 2/1/2022 a) Does 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 outcomes are caused by tree attachments? c) Has PG&E identified any ignitions in the past five years that  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 7.3.3      | Grid Design and<br>System Hardening              | Tree Attachments   |
| 46 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 3  | CalAdvocate<br>s-PGE-                      | In response to Data Request CalAdvocates-PGE-2022WMP-10, Question 9, PG&E provided its Quality Reviews of the potential exceptions identified in the Federal Monitor Report  | Holly Wehrman<br>Carolyn Chen<br>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                           |
| 47 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 4  | s-PGE-<br>2022WMP-                         | from November 19, 2021 In response to Data Request CalAdvocates-PGE-2022WMP- 10, Question 9, PG&E provided its Quality Reviews of the potential exceptions identified in the Federal Monitor Report  | Holly Wehrman Carolyn Chen Layla Labagh                              | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 7.3.4.14   | Asset Management and Inspections                 | Inspections Quality Assurance/Quality Control of               |
| 48 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 5  | s-PGE-<br>2022WMP-                         | from November 19, 2021.  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 for the development of workplans for the  | Holly Wehrman Carolyn Chen Layla Labagh                              | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 4.5        | Model and Metric Calculation Methodologies       | Inspections Wildfire Distribution Risk Model                   |
| 49 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 6  | s-PGE-                                     | distribution system is the 2021 WDRM v2 which is described In response to Data Request CalAdvocates-PGE-2022WMP-04, Question 8, PG&E provided its distribution system hardening workplan for 2022. Column P of attachment "WMP-Discovery2022 DR CalAdvocates 004-008Atch01 xlsx" lists   | Holly Wehrman Carolyn Chen Layla Labagh                              | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 7.3.3.17.1 | Grid Design and<br>System Hardening              | System Hardening -<br>Distribution                             |
| 50 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 7  | s-PGE-                                     | Page 140 of PG&E's 2022 WMP states the following: To avoid exposing the model to misleading data, the training events are restricted to June through November. This does   | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 4.5        | Model and Metric<br>Calculation<br>Methodologies | Wildfire Distribution<br>Risk Model                            |
| 51 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 8  | CalAdvocate<br>s-PGE-<br>2022WMP-          | and WFC Model has not been completed."  a) When does PG&E expect this review to be complete?   | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 4.5        | Model and Metric<br>Calculation<br>Methodologies | Wildfire Distribution<br>Risk Model                            |
| 52 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 9  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>15 9  | Page 39 of this Progress Report states the following with  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 4.6        | Progress Reporting on Key Areas of Improvement   | Progress on Twenty-<br>Nine Remedies                           |
| 53 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 10 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>15_10 | Page 316 of PG&E's 2022 WMP states, "In 2021, PG&E implemented a program to proactively reduce the backlog of EC tags generated during the enhanced system inspections performed in recent years." Please describe this program.   | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 7.1.B      | Wildfire Mitigation<br>Strategy                  | Risk Modeling Outcomes in Decision-Making and Mitigations      |
| 54 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 11 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>15_11 | 2022WMP-09, Question 1, shows three open Priority A corrective notifications on PG&E's distribution system in HFTD with "Authorized End Dates" earlier than February 1,  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/16/2022 | 3/16/2022 | 0 | 7.3.4      | Asset Management and Inspections                 | Additional Detail -<br>Distribution                            |
| 55 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 12 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>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 distribution system in HFTD with "Authorized End Dates" earlier than February 1, 2022  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/18/2022 | 3/18/2022 | 0 | 7.3.4      | Asset Management and Inspections                 | Additional Detail -<br>Distribution                            |
| 56 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 13 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>15_13 | notifications on PG&E's distribution system in HFTD with "Authorized End Dates" earlier than February 1, 2022 (that is, overdue notifications). Cal Advocates understands that the Regarding PG&E's response to data request CalAdvocates-   | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh                        | 3/11/2022 | 3/18/2022 | 3/18/2022 | 0 | 7.3.4      | Asset Management and Inspections                 | Additional Detail -<br>Distribution                            |
| 57 | CalPA | Set WMP-15 | CalAdvocates-PGE-<br>2022WMP-15 | 14 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>15_14 | PGE-2022WMP-09: a) Does PG&E regularly monitor how many overdue, unresolved corrective notifications it has? b) Does PG&E take any special action when a corrective  | Holly Wehrman<br>Carolyn Chen<br>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-<br>2022WMP-15                                    | 15                          | CalAdvocate<br>s-PGE-<br>2022WMP-<br>15_15       | PG&E's non-spatial data tables included in 2022-02-<br>25_PGE_2022_WMP-Update_R0_Section 7.3.a_Atch01.xlsx<br>do not appear to follow the template included in Energy<br>Safety's Final 2022 Wildfire Mitigation Plan (WMP) Update<br>Guidelines, Attachment 3.<br>Please provide an updated version of this file with data in the  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh              | 3/11/2022              | 3/16/2022              | 3/16/2022              | 0 | 7.3.a          | Detailed Wildfire<br>Mitigation Initiatives                 | Financial Data on<br>Mitigation Activities   |
|----------|----------------|--------------------------|--|-----------------------------|--|---|--|------------------------|------------------------|------------------------|---|----------------|---|--|
| 59       | CalPA          | Set WMP-15               | CalAdvocates-PGE-<br>2022WMP-15                                    | 16                          | CalAdvocate<br>s-PGE-<br>2022WMP-<br>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 Detailed inspections and management practices for vegetation clearances around distribution electrical lines and equipment." Previously, EVM was listed separately from routine vegetation management.  Please provide disaggregated costs for initiative 7.3.5.2, with separate numbers for routine VM, enhanced VM, and any  | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh              | 3/11/2022              | 3/18/2022              | 3/18/2022              | 0 | 7.3.5          | Vegetation<br>Management (VM)<br>and Inspections            | Program Costing  |
| 60       | OEIS           | Set 004                  | OEIS-PG&E-22-<br>004   | 1                           | OEIS-PG&E-<br>22-004_1                           | other program currently aggregated under initiative 7.3.5.2.  Please provide the Model Documentation and User Guide or available technical paper for each of the following from Table 9.5-1 Glossary of Primary Models (p. 1038):  a) Fire Potential Index (FPI) Model  b) Public Safety Power Shutoff (PSPS) Consequence Model While PG&E provided undergrounding information in its GIS data, PG&E did not  | Kevin Miller   | 3/11/2022              | 3/16/2022              | 3/16/2022              | 2 | 4.5            | Model and Metric<br>Calculation<br>Methodologies            | Fire Potential Index<br>(FPI) Model / PSPS<br>Consequence<br>Model   |
| 61       | OEIS           | Set 004                  | OEIS-PG&E-22-<br>004   | 2                           | OEIS-PG&E-<br>22-004_2                           | specifically report underground circuit miles in the nonspatial tables. Underground circuit miles were obtained from the GIS submission. a) Please provide updated data for rows 1a, 2a, and 3a in Table 8, which include   | Kevin Miller   | 3/11/2022              | 3/16/2022              | 3/16/2022              | 1 | 7.3.a          | Detailed Wildfire<br>Mitigation Initiatives                 | Financial Data on<br>Mitigation Activities   |
| 62       | OEIS           | Set 004                  | OEIS-PG&E-22-<br>004   | 3                           | OEIS-PG&E-<br>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 Guidelines requires the inclusion of a "climate-driven risk map and modeling based on various relevant weather  | 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-<br>004   | 4                           | OEIS-PG&E-<br>22-004_4                           | 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 each of the following applied lessons and a description of such changes:   | Kevin Miller   | 3/11/2022              | 3/16/2022              | 3/16/2022              | 0 | 4.2            | Lessons Learned<br>and Risk Trends                          | Wildfire   |
| 64       | OEIS           | Set 004                  | OEIS-PG&E-22-<br>004   | 5 (incorrectly marked as 4) | OEIS-PG&E-<br>22-004_5<br>(incorrectly           | 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  | Kevin Miller   | 3/11/2022              | 3/17/2022              | 3/17/2022              | 0 | 7.3.a          | Detailed Wildfire<br>Mitigation Initiatives                 | Financial Data on<br>Mitigation Activities   |
| 65       | OEIS           | Set 004                  | OEIS-PG&E-22-<br>004   | 6 (incorrectly marked as 5) | 1()FIX-P(=X-F1                                   | 2023?: i) Vegetation contacts Regarding Table 7.2: a) Why is PG&E expecting an increase in ignitions for the following from 2022 to 2023?: i) Vegetation contacts   | Kevin Miller   | 3/11/2022              | 3/16/2022              | 3/16/2022              | 0 | 7.3.a          | Detailed Wildfire<br>Mitigation Initiatives                 | Financial Data on<br>Mitigation Activities   |
| 66       | CalPA          | Set WMP-16               | CalAdvocates-PGE-  | 1                           | 5)<br>CalAdvocate                                | ii) Connectors iii) Conductor damage Page 631 of PG&E's 2022 WMP states, "Pacific Gas and   | Dillon Copa  | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | Vegetation  | Additional Efforts to  |
| 67<br>68 | CalPA CalPA    | Set WMP-16 Set WMP-16    | 2022WMP-16<br>CalAdvocates-PGE-<br>2022WMP-16<br>CalAdvocates-PGE- | 2                           | s_PGF_<br>CalAdvocate                            | Flectric Company (PG&E) works to inform customers. Page 632 of PG&E's 2022 WMP states, "PG&E has finished the development of our new process to standardize and Page 637 of PG&E's 2022 WMP states," As of December 31,   | Carlovn Chen<br>Dillon Copa<br>Carlovn Chen<br>Dillon Copa | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5<br>7.3.5 | Management (VM)<br>Vegetation                               |  |
| 69       | CalPA          | Set WMP-16               | 2022WMP-16<br>CalAdvocates-PGE-<br>2022WMP-16<br>CalAdvocates-PGE- | 1                           |  | 2021 PG&F's internal resources and contractor partners had Page 637 of PG&E's 2022 WMP states, "In September 2021, we hegan to transition the maintenance of FVM work that has Page 645 of PG&E's 2022 WMP states," Vegetation  | Carlovn Chen<br>Dillon Copa                                | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | Management (VM) Vegetation  Management (VM) Vegetation      |  |
| 70<br>71 | CalPA<br>CalPA | Set WMP-16<br>Set WMP-16 | 2022WMP-16<br>CalAdvocates-PGE-<br>2022WMP-16<br>CalAdvocates-PGE- | 6                           | s-PGF-<br>CalAdvocate                            | identified as pending Priority 2 work within the Red Flag<br>Section 7.3.5.7 of PG&E's 2022 WMP discuss remote<br>sensing inspections of vegetation around distribution electric.<br>On page 657, PG&E provides Table 7.3.5-2, which shows  | Carlovn Chen Dillon Copa Carlovn Chen Dillon Copa          | 3/18/2022<br>3/18/2022 | 3/23/2022<br>3/23/2022 | 3/23/2022              | 0 | 7.3.5<br>7.3.5 | Management (VM) Vegetation Management (VM) Vegetation       | Resnanse Remote Sensing Inspections of Remote Sensing  |
| 72<br>73 | CalPA<br>CalPA | Set WMP-16<br>Set WMP-16 | 2022WMP-16<br>CalAdvocates-PGE                                     | 0                           | s-PGF-<br>CalAdvocate                            | planned mileage of ground-based LiDAR on distribution<br>Section 7.3.5.8 of PG&E's 2022 WMP discuss remote  | Carlovn Chen<br>Dillon Copa                                | 3/18/2022<br>3/18/2022 | 3/23/2022<br>3/23/2022 | 3/23/2022<br>3/23/2022 | 0 | 7.3.5<br>7.3.5 | Management (VM)<br>Vegetation                               | Inspections of<br>Remote Sensing   |
| 74<br>75 | CalPA<br>CalPA | Set WMP-16<br>Set WMP-16 | CalAdvocates-PGE-<br>CalAdvocates-PGE-<br>CalAdvocates-PGE-        | 10                          | s-PGF-<br>CalAdvocate                            | sensing inspections of vegetation around transmission electric<br>For Section 7.3.5.8 (regarding remote sensing on<br>transmission facilities), please provide a table equivalent to<br>Table 12 of PG&E's 2022 WMP shows the costs for sections  | Carlovn Chen<br>Dillon Copa                                | 3/18/2022<br>3/18/2022 | 3/23/2022<br>3/23/2022 | 3/23/2022<br>3/23/2022 | 0 | 7.3.5<br>7.3.5 | Management (VM) Vegetation  Management (VM) Vegetation      | Inspections of Remote Sensing Inspections of VM Spend  |
| 76       | CalPA          | Set WMP-16<br>Set WMP-16 | 2022WMP-16<br>CalAdvocates-PGE-<br>2022WMP-16<br>CalAdvocates-PGE- | 11                          | CalAdvocate<br>- c-PGF-<br>CalAdvocate           | 7.3.5.2 and 7.3.5.3<br>On March 2, 2022, PG&E presented its "2023 General Rate<br>Case Wildfire Supplemental Testimony Overview." Slide 17 of<br>Table 5.3-1 on page 2/1 of PG&E's Revised 2021 WMP,  | Carlovn Chen<br>Dillon Copa<br>Carlovn Chen<br>Dillon Copa | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | Management (VM) Vegetation  Management (VM) Grid Design and | EVM Spend<br>System Hardening  |
| 77       | CalPA<br>OEIS  | Set 005                  | 2022WMP-16<br>OEIS-PG&E-22-  | 12                          | s-PGF-<br>OEIS-PG&E-                             | June 3, 2021, showed a mileage target of 111 miles for Q01. Provide and describe the "EPSS Reliability Impact analysis" as mentioned on page 494 of   | Carlovn Chen<br>Kevin Miller                               | 3/18/2022              | 3/23/2022              | 3/23/2022              | 1 | 7.3.3          | System Hardening Grid Design and                            | – Transmission  EPSS Reliability   |
| 79       | OEIS           | Set 005                  | 005<br>OEIS-PG&E-22-<br>005  | 2                           |  | PG&E's 2022 WMP Update.<br>QU2. How many poles in PG&E's territory are subject to PRC<br>42927<br>Q03. PG&E noted during the workshop that it has hired pre-  | Kevin Miller   | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | System Hardening  Vegetation  Management (VM)               | Impact analysis PRC 4292 Applicability   |
| 80       | OEIS           | Set 005                  | OEIS-PG&E-22-<br>005   | 3                           | OEIS-PG&E-                                       | inspectors as union employees.  a) What percentage of pre-inspectors are contractors and  | Kevin Miller   | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | Vegetation Management (VM)                                  | Contractor/Employe e Performance   |
| 80       | OEIS           | Set 005                  | OEIS-PG&E-22-<br>005   | 3 REV                       | OEIS-PG&E-<br>22-005_3<br>REV                    | what percentage are PG&E Q03. PG&E noted during the workshop that it has hired pre- inspectors as union employees. a) What percentage of pre-inspectors are contractors and what percentage are PG&E employees? b) Has PG&E found a difference in performance between contractor and PG&E employee  | Kevin Miller   | 3/18/2022              | 4/1/2022               | 4/1/2022               | 0 | 7.3.5          | Vegetation Management (VM) and Inspections                  | Contractor/Employe<br>e Performance  |
|          |                |                          | OEIS-PG&E-22-  |                             | OEIS-PG&E-                                       | pre-inspectors?  i. If so, describe the observed differences in performance  Q04. Provide the QA/QV results for vegetation management   |  |                        |                        |                        |   |                | Vegetation  | Quality  |
| 81       | OEIS           | Set 005                  | 005<br>OEIS-PG&E-22-   | 4                           | 22-005_4   | broken down by inspection type completed in 2019, 2020, and 2021. This should include: Q05. According to Section 7.3.5.13, out of the 7 QA/QV   | Kevin Miller   | 3/18/2022              | 3/23/2022              | 3/23/2022              | 1 | 7.3.5          | Management (VM) and Inspections Vegetation                  | Assurance/Quality Control of Quality   |
| 82       | OEIS           | Set 005                  | 005<br>OEIS-PG&E-22-   | 5                           | 22-005_5   | programs PG&E describes, 4 programs  fell short of targets. PG&E cites various reasons for the  Q06. In Section 7.3.5.13, PG&E provides the number of   | Kevin Miller   | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | Management (VM) and Inspections Vegetation                  | Assurance/Quality Control of Quality   |
| 83       | OEIS           | Set 005                  | 005  | 6                           | 22-005_6   | QA/QV audits it intended to perform in 2021 (e.g., for QAVM-Distribution Audits, PG&E had planned Q07. Regarding PSPS, on p. 863, PG&E describes "the   | Kevin Miller   | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 7.3.5          | Management (VM) and Inspections                             | Assurance/Quality Control of   |
| 84       | OEIS           | Set 005                  | OEIS-PG&E-22-<br>005<br>OEIS-PG&E-22-                              | 7                           | 22-005 7   | January 19, 2021, event that resulted in a massive level of damages that severely impacted Q08. Regarding PSPS notification, discussing lessons   | Kevin Miller   | 3/18/2022              | 3/23/2022              | 3/23/2022              | 1 | 8              | PSPS  | Jan. 19, 2021<br>Event   |
| 85<br>86 | OEIS<br>OEIS   | Set 005                  | 005<br>OEIS-PG&E-22-   | 9                           | 22-005 8<br>OEIS-PG&E-                           | learned from 2021, on p. 866 PG&F indicates "external Q09. As reported in Table 3-2, PG&E's increase in electric costs to ratepayer due to wildfire mitigation activities (total) is  | Kevin Miller  Kevin Miller                                 | 3/18/2022              | 3/23/2022              | 3/23/2022              | 0 | 3.2            | PSPS Summary of   | Additional Detail  VM Spend  |
|          |                |                          | 005<br>OEIS-PG&E-22-   |                             | 22-005_9<br>OFIS-PG&F-                           | markedly higher than the vater aver impact provided by throughout pilot areas in its service  |  |                        |                        |                        |   |                | Ratepayer impact  | ·  |
| 87       | OEIS           | Set 005                  | 005  | 10                          | 22-005 10  | the ignition data submitted by  | 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-<br>2022WMP-17                                    | 1                           | CalAdvocate                                      | Per Table 12 of Pc & E's 2022 WMP, the operating expenses for initiative 7.3.6.8 "Protective equipment and device settings" are as follows: 2021: \$18.2 million (actual) ลูก ครามารถ และ เลา อาการ | Holly Wherman Carolyn Chen Layla Labagh Holly Wherman      | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.6.8        | EPSS  | EPSS Spend   |
| 89       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 2                           |  | outages that you currentlyforecast to occur in 2022. Provide a range if a specific estimate is not available.  SUZanorsovide eachtiavethifpietheniechascheratise of   | Carolyn Chen<br>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-<br>2022WMP-17<br>CalAdvocates-PGE-               | 3                           | s-PGE-<br><del>CalA0V0Vale</del>                 | settings to de-energize a line rapidly upon detecting a fault.<br><del>ឱົງ Fras ກາວຂາຍເຫຼື່ມສູ່ໃຍຕາກ! beເກັດເກາເລາະເກິເຊີ, ປໍລິເສາຣາເລິເກີເຊີ, ປໍຄິເສາຣາເລິເກີເຊີ, ປໍຄິເສາຣ</del>   | Hony whemian<br>Carolyn Chen<br>Hony wheman                | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.6.8        | EPSS  | Device settings  |
| 91       | CalPA          | Set WMP-17               | 2022WMP-17<br>CalAdvocates-PGE-                                    | 4                           | s-PGE-<br><del>୯୬୬୦୯ଏଅ</del> e                   | other collaboration with SCE with regards to PG&E's EPSS<br>वाभवेडभिकट engaged in benchmarking, data-snanng, or   | Carolyn Chen<br>Hony ง√กษกกล่า                             | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.6.8        | EPSS<br>EPSS  | Benchmarking   |
| 92       | CalPA<br>CalPA | Set WMP-17 Set WMP-17    | 2022WMP-17<br>CalAdvocates-PGE-<br>2022WMP-17                      | 5                           | s-PGE-   | other collaboration with SDG&E with regards to PG&E's<br><del>Un November 2</del> , 2021, Car Advocates stail (and other stakeholders) visited the site of an overhead system   | Carolyn Chen<br>Hơng ∿√กษากาลก<br>Carolyn Chen             | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.6.8        | Grid Design and   | Benchmarking  Covered Conductor  Installation  |
| 94       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 7                           | CalAdvocate<br>s-PGE-<br>2022WMP-<br>17_7        | On November 2, 2021, Cal Advocates statt (and other stakeholders) visited the site of an overhead system hardening project, Diamond Springs 1107. At this site, Cal Advocates discussed the installation of covered conductor with PG&E staff Cal Advocates was informed that for this On November 2, 2021, Cal Advocates staff (and other  | Holly Wherman<br>Carolyn Chen<br>Layla Labagh              | 3/21/2022              | 3/25/2022              | 3/25/2022              | 0 | 7.3.3.6        | System Hardening  Grid Design and System Hardening          | Installation Distribution Pole Replacement and Reinforcement, Including with Composite Poles Distribution Pole |
| 94       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 7 SUPP                      | CalAdvocate<br>s-PGE-<br>2022WMP-                | stakeholders) visited the site of an overhead system hardening project, Diamond Springs 1107. At this site, Cal   | Holly Wherman<br>Carolyn Chen                              | 3/21/2022              | 4/1/2022               | 4/1/2022               | 0 | 7.3.3.6        | Grid Design and<br>System Hardening                         | Replacement and Reinforcement,   |
|          | 0.77           | 0                        | 2022WMP-17  CalAdvocates-PGE-                                      | -                           | 17_7 SUPP  | Advocates discussed the installation of covered conductor with PG&F, staff acal Advacates was informed that for this-   | Layla Labagh   |                        | 0/0.17                 | 0/04/5                 |   |                | Progress Reporting  | Including with Composite Poles   |
| 95       | CalPA          | Set WMP-17               | 2022WMP-17   | 8                           |  | Update_R0_Section 4.6_Atch01.pdf' contain the joint a) What is the average trench depth PG&E employs in update rounding projects?   | Carolyn Chen Lovin Loborth Holly Wherman                   | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 4.6            | on Key Areas of   | Additional Detail  |
| 96       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 9                           | 17 9   | undergrounding projects? b) Has PG&E examined the potential benefits or drawbacks of shallower trenches?  | Carolyn Chen<br>Layla Labagh                               | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.3.16       | Grid Design and<br>System Hardening                         | Undergrounding   |
| 97       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 10                          | CalAdvocate<br>s-PGE-<br>2022WMP-<br>CalAdvocate | Please provide a spreadsheet listing (as rows) each undergrounding project completed during the period of January 1, 2020, through March 1, 2022. For each project, Please provide a file geodatabase with a polyline feature for each undergrounding project completed during the period of  | Holly Wherman Carolyn Chen Layla Labagh Holly Wherman      | 3/21/2022              | 3/29/2022              | 3/29/2022              | 2 | 7.3.3.16       | Grid Design and<br>System Hardening                         | Undergrounding   |
| 98       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 11                          | 2022WMP-   | January 1, 2020, through March 1, 2022. In addition to the spatial location, please provide the following attributes for  | Carolyn Chen Layla Labagh                                  | 3/21/2022              | 3/29/2022              | 3/29/2022              | 1 | 7.3.3.16       | Grid Design and<br>System Hardening                         | Undergrounding   |
| 99       | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 12                          | s-PGE-   | each project: Per tile table on page 270 of PG&E's 2022 WIVIP, IT 2022 PG&E plans to complete detailed ground inspections on a  | nolly wherman<br>Carolyn Chen                              | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.4          | Asset Management and Inspections                            | of Distribution  |
| 100      | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 13                          | s-PGE-   | Per ime mante 20f ραθε distributing acts 2 Jz 2 VVIII P, Γη 2 Συ τ<br>PG&E completed detailed distribution inspections on all   | Hony v√nennan<br>Carolyn Chen                              | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.4.14       | Asset Management and Inspections                            | Assurance/Quality  |
| 101      | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17                                    | 14                          | s-PGE-   | activities are conducted based on "random selection,"   | Hony Whendan   | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.4.14       | Asset Management and Inspections                            | Assurance/Quality Quality  |
| 102      | CalPA          | Set WMP-17               | CalAdvocates-PGE-<br>2022WMP-17<br>OEIS-PG&E-22-                   | 15                          | s-PGE-   | Per Table 12 of PG&E's 2022 WMP, the operating expenses for initiative 7.3.4.14 "Quality assurance/quality control of Q01. In response to WMP-  | Holly Wherman<br>Carolyn Chen                              | 3/21/2022              | 3/24/2022              | 3/24/2022              | 0 | 7.3.4.1        | Asset Management and Inspections                            | Assurance/Quality  |
| 103      | OEIS<br>OEIS   | Set 006<br>Set 006       | 006<br>OEIS-PG&E-22-   | 2                           | 22-006_1<br>OEIS-PG&E-                           | Discovery2022_DR_CalAdvocates_003-Q02, PG&E, provided the below spreadsheet an Excel table of all Q02. The frequently de-energized circuit map provided as "Section_86_Atch01" appears incomplete, as it does not   | Kevin Miller  Kevin Miller                                 | 3/22/2022              | 3/25/2022              | 3/25/2022              | 1 | N/A            | Miscellaneous<br>PSPS                                       | Additional Detail  |
| 104      | MGRA           | Set 006                  | 006<br>MGRA Data   | 1                           | 22-006_2<br>MGRA Data                            | "Section_86_Atch01" appears incomplete, as it does not show all circuits listed in Section 8.6. Table 8.6-1 as Please provide a GIS file showing all EPSS outages and including an attribute for  | Joseph Mitchell on   | 3/22/2022              | 3/25/2022              | 3/25/2022              | 1 | 8.6<br>N/A     | EPSS  | Frequently De-<br>Energized Circuits Outage History  |
| IUO      | IVIORA         |                          | Request No. 2  | 1                           | 7 1  | moraling an attribute 101   | behalf of MGRA   | J12312022              | J12012UZZ              | J12012022              | ı | IN/A           | LF33  | Julaye HISTORY   |

| 106   | MGRA                                    | 2   | MGRA Data  | 2                                 |   | Please provide data for all ignitions that occurred while EPSS was active on a   | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | N/A   | EPSS  | Ignition Trends   |
|---|---|---|--|-----------------------------------|---|--|--|---|--|--|-------------|---|---|---|
| 407   | MODA                                    |   | Request No. 2<br>MGRA Data   |                                   | MGRA Data   | Is SmartMeter Partial Voltage Detection used for emergency   | behalf of MGRA  Joseph Mitchell on   | 0/00/0000   | 0/00/0000  | 0/00/0000  |             | N1/A  | 5000  | A 1 150 1 15 1 15   |
| 107   | MGRA                                    | 2   | Request No. 2  | 3                                 | Request No.   | Is SmartMeter Partial Voltage Detection used for emergency de-energization? On p. 860, Figure PG&E 8.1-3, guideline categories are   | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | N/A   | EPSS  | Additional Detail   |
| 108   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 4                                 | Request No.   | shown for Asset,   | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 8   | PSPS  | Additional Detail   |
| 109   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 5                                 | Request No.   | 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  | 6                                 |   | On page 8, PG&E discusses new modeling for ignition risk.  Please provide the  | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.1   | Risk Assessment   | Additional Detail   |
| 110   | IVIORA                                  | 2   | Request No. 2  | 0                                 | 2.6   | description of what this "new modeling" consists of or provide   | behalf of MGRA   | 3/23/2022   | 3/20/2022  | 3/20/2022  | 0           | 7.5.1   | and Mapping   | Additional Detail   |
| 111   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 7                                 | MGRA Data   | frequency of facility failures plus object contact in the HFTD is 60, compared to 74   | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.1   | Risk Assessment and Mapping   | Wildfire Risk Data  |
|   |   |   | ·  |                                   | 2_7<br>MGRA Data  | for vegetation On page 129, Figure PG&E-4.5.1-3, 2022 WDRM V3  |  |   |  |  |             |   |   |   |
| 112   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 8                                 | Request No.   | COMPOSITE MODEL  PRESHITE TURFLUS AS THE POW WORLD SHIP THE FIRST  | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.1   | Risk Assessment and Mapping   | Risk Model  |
|   |   | _   | MGRA Data  | _                                 | MGRA Data   | fire sizes against final   | Joseph Mitchell on   | - / /   |  |  |             |   | Risk Assessment   |   |
| 113   | MGRA                                    | 2   | Request No. 2  | 9                                 | Request No. 2_9   | fire sizes for a large (reasonably complete) set of historical   | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.1   | and Mapping   | Additional Data   |
|   |   |   | MGRA Data  |                                   | MGRA Data   | Provide a non-confidential version of documentation  | Joseph Mitchell on   |   |  |  |             |   | Risk Assessment   |   |
| 114   | MGRA                                    | 2   | Request No. 2  | 10                                |   | Provide a non-confidential version of documentation describing the IPW model.  | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.1   | and Mapping   | Additional Data   |
| 115   | MGRA                                    | 2   | MGRA Data  | 11                                |   |  | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.1   | Risk Assessment   | Additional Data   |
| 115   | IVIGRA                                  | 2   | Request No. 2  | 11                                | 2 11  | model. What implementation of the Cat Boost Machine learning model was used. On p. 191, PG&E states that with its IPW model "Operational"  | behalf of MGRA   | 3/23/2022   | 3/20/2022  | 3/20/2022  | 0           | 7.3.1   | and Mapping   | Additional Data   |
| 116   | MGRA                                    | 2   | MGRA Data  | 12                                | NIGRA Data  | Meteorologists   | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 2           | 7.3.1   | Risk Assessment   | Additional Data   |
| 110   | IVIORA                                  |   | Request No. 2  | 12                                | 2 12  | used the dashboard to evaluate model performance against key historical storm. On p. 265 PG&E describes its undergrounding efforts   | behalf of MGRA   | 3/23/2022   | 3/20/2022  | 3/20/2022  | 2           | 7.0.1   | and Mapping   | Additional Data   |
| 117   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 13                                | Request No.   | "including a small volume  | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.3   | Undergrounding  | Additional Data   |
| 118   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 14                                |   | Af previously hardened overhead lines, that are being placed way tied to targets related to the successful completion of   | Joseph Mitchell on behalf of MGRA  | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.3   | Undergrounding  | Additional Data   |
| 110   | MODA                                    | 0   | MGRA Data  | 4.5                               |   | Indergrounding projects?<br>In attachment IN10634-   | Joseph Mitchell on   | 2/22/2222   | 2/22/2222  | 2/20/2022  |             | 7.0.0   | Grid Design and   | Additional Data   |
| 119   | MGRA                                    | 2   | Request No. 2  | 15                                |   | 0_20220225T144600_Section_71H_Atch01_WorkMaps, PG&E provides mans for Covered conductor installation Please provide a non-confidential version of Data request   | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.3   | System Hardening  | Additional Data   |
| 120   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 16                                | Request No.   | response WMP-  | Joseph Mitchell on<br>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<br>Request No. 2   | 17                                | Request No.   | Discovery 2022, DR CalAdvocates 003-001Atch01CONE/TO Do p. 319, PG&E states that it has "Developed a weather-station specific wind   | Joseph Mitchell on behalf of MGRA  | 3/23/2022   | 3/28/2022  | 3/28/2022  | 1           | 7.3.2   | Situational Awareness and   | Additional Data   |
| 122   | MGRA                                    | 2   | MGRA Data  | 18                                |   | On how many weather stations is 30 second weather observations collected?  | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 1           | 7.3.2   | Forecasting<br>Situational<br>Awareness and   | Additional Data   |
| 122   | IVIGITA                                 | 2   | Request No. 2<br>MGRA Data   | 10                                |   | Please provide a list if it is not the complete set of weather. On p. 384 PG&E states that The phase and magnitude of  | behalf of MGRA  Joseph Mitchell on   | 3/23/2022   | 3/20/2022  | 3/20/2022  | ı           | 7.5.2   | Forecasting<br>Situational  | Additional Data   |
| 123   | MGRA                                    | 2   | Request No. 2  | 19                                | '   | the Madden-Julian  Oscillation was shown to be a notential predictor of uncoming the property of the property  | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 1           | 7.3.2   | Awareness and<br>Forecasting  | Additional Data   |
| 124   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 20                                | Request No.   | multiple work tracking databases to identify ignitions that had  | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 1           | 7.3.7.4   | Data Governance   | Analysis of Risk  |
| 125   | MGRA                                    | 2   | MGRA Data  | 21                                |   | heen missed in the past increasing PG&E's reportable Provide the EII "data dictionary/review guide for all collected [ignition] data points" with any confidential information   | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 1           | 7.3.7.1   | Data Governance   | Event Data Centralized  |
|   |   |   | Request No. 2<br>MGRA Data   |                                   | MGRA Data   | removed Provide the contents of TABLE PG&E-8.6-1 LIST OF   | behalf of MGRA  Joseph Mitchell on   |   |  |  |             |   |   | Repository for Data   |
| 126   | MGRA                                    | 2   | Request No. 2  | 22                                | Request No.   | FREQUENTLY DE-<br>ENERGIZED CIRCLIITS in Excel format<br>Please provide the 2022 reportable ignitions report, due to the   | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 1           | 8   | PSPS  | Additional Data   |
| 127   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   | 23 Followup,<br>not Supp.         | Request No.   | CPUC on April 1, 2022. Due date for this data request is April   | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 4/1/2022   | 4/1/2022   | 1           | N/A   | Miscellaneous   | Ignition Trends   |
| 127   | MGRA                                    | 2   | MGRA Data  | 23                                | Request No.   | 1 2022<br>Please provide the 2022 reportable ignitions report, due to the<br>CPUC on April 1, 2022. Due date for this data request is April  | Joseph Mitchell on behalf of MGRA  | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | N/A   | Miscellaneous   | Ignition Trends   |
| 420   | MCDA                                    | 2   | Request No. 2<br>MGRA Data   | 24                                | MGRA Data   | 1. 2022<br>On p. 7.1.E-Atch1-21, the RSE for REFCL is given as 40.   | Joseph Mitchell on   | 2/22/2022   | 2/20/2022  | 2/20/2022  | 0           | N1/A  | Missellenseus   | DEECL   |
| 128   | MGRA                                    | 2   | Request No. 2  | 24                                | 2 24  | Please explain the factors that go into reaching this low estimate.  In the data request response WMP-   | behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | N/A   | Miscellaneous   | REFCL   |
| 129   | MGRA                                    | 2   | MGRA Data  | 25                                | Request No.   | Discovery2022_DR_CalAdvocates_013-   | Joseph Mitchell on   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | N/A   | Miscellaneous   | REFCL   |
|   |   |   | Request No. 2  | 26 (Incorrectly                   | 2_25  | Q11Atch01.xlsx, please verify the following interpretation: For a REFCL On p. 631 PG&E states that its Tree Assessment Tool (TAT)  | behalf of MGRA   |   |  |  |             |   | Vegetation  | Additional Efforts to   |
| 130   | MGRA                                    | 2   | MGRA Data<br>Request No. 2   |                                   | Request No.   | incorporates "local  | Joseph Mitchell on<br>behalf of MGRA   | 3/23/2022   | 3/28/2022  | 3/28/2022  | 0           | 7.3.5   | Management (VM)   | Manage Community  |
| 131   | CalPA                                   | Set WMP-18  | CalAdvocates-PGE-<br>2022WMP-18  |                                   | CalAdvocate   | wind cust data" Is the local wind cust data specific to fire PG&E's response to data request CalAdvocates-PGE-  2022WMP-16, Question 11 referred to Exhibit PG&E-4 from  | Holly Wherman<br>Carolyn Chen  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.5   | And Inspections Vegetation  Management (VM)   | Additional Detail   |
| 422   | ColDA                                   | Cot WMD 40  | CalAdvocates-PGE-  | 2                                 |   | PG&E's February 25, 2022 GRC Undate PG&E's response to data request CalAdvocates-PGE-  | Holly Wherman  | 2/25/2022   | 2/20/2022  | 2/20/2022  | 0           | 705   | and Inspections Vegetation  | VM Coord  |
| 132   | CalPA                                   | Set WMP-18  | 2022WMP-18   | 2                                 | s-PGE-<br>2022WMP-  | 2022WMP-15, Question 16 shows a reduction of approximately \$412 million in projected total vegetation Regarding PG&E's covered conductor and strategic  | Carolyn Chen Lavla Lahadh  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.5   | Management (VM)   | VM Spend  |
|   |   |   |  |                                   |   | undergrounding activities:  a) What is PG&E's current estimate for the service life of   |  |   |  |  |             |   |   |   |
|   |   |   |  |                                   | CalAdvocate   | newly installed distribution covered conductor?  |  |   |  |  |             |   |   |   |
| 133   | CalPA                                   | Set WMP-18  | CalAdvocates-PGE-<br>2022WMP-18  | 3                                 | s-PGE-  | b) What is PG&E's current estimate for the service life of newly installed traditional (non-covered conductor) overhead  | Holly Wherman<br>Carolyn Chen  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.3   | Grid Design and System Hardening  | Service Life of<br>Assets   |
|   |   |   | 2022   |                                   | 18.3  | distribution conductor? c) If the answers to parts (a) and (b) above differ, explain the   | Layla Labagh   |   |  |  |             |   | System Hardering  | 7.000.0   |
|   |   |   |  |                                   |   | factors that contribute to PG&E's varying estimates. d) What is PG&E's current estimate for the service life of  |  |   |  |  |             |   |   |   |
|   |   |   | CalAdvocates-PGE-  |                                   | CalAdvocate   | newly installed distribution underground conductor? PG&E's response to data request OEIS-PG&E-22-005,  | Holly Wherman  |   |  |  |             |   | vegetation  | Quality   |
| 134   | CalPA                                   | Set WMP-18  | 2022WMP-18   | 4                                 |   | Question 3, states, "The QA/QV scope is currently focused on contract Pre-Inspectors and does not evaluate the As part of PG&E's response to Issue 5.4.B, PG&E included  | Carolyn Chen<br>Lavla Labagh<br>Holly Wherman  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 11          | 7.3.5   | Management (VM)   | Assurance/Quality Control of  |
| 135   | CalPA                                   | Set WMP-18  | CalAdvocates-PGE-<br>2022WMP-18  | 5                                 | s-PGE-  | the following attachments to its 2022 WMP:   | Carolyn Chen   | 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-  | 6                                 |   | PG&E's Written response to Issue 5.4.B3 states that priority A is used for "Conditions that require immediate action."   | Hayla Labagh<br>Holly Wherman<br>Carolyn Chen  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.4   | Asset Management  | Additional Detail   |
|   |   |   | 2022WMP-18 CalAdvocates-PGE-   |                                   | 2022WMP-<br>CalAdvocate   | The following priority A correctives opened in 2021 have a In general, please explain:   | l avla l abagh<br>Holly Wherman  |   |  |  |             |   | and Inspections Asset Management  |   |
| 137   | CalPA                                   | Set WMP-18  | 2022WMP-18   | 7                                 |   | a) Why PG&E's procedures allow a priority A corrective notification to be given a required and date more than 1 PG&E's response to data request CalAdvocates-PGE-  | Carolyn Chen<br>Layla Lahagh<br>Holly Wherman  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.4   | and Inspections   | Additional Detail  Emergency  |
| 138   | CalPA                                   | Set WMP-18  | CalAdvocates-PGE-<br>2022WMP-18  | 8                                 | s-PGE-  | 2022WMP-16, Question 5, states, "Pre-Inspectors follow   | Carolyn Chen   | 3/25/2022   | 3/30/2022  | 3/30/2022  | 2           | 7.3.5   | Management (VM)   | Response  |
| 139   | CalPA                                   | Set WMP-18  | CalAdvocates-PGE-  | 9                                 |   | Procedure 'TD_7102P_23' for Red Flag Warning procedure PG&E's response to data request CalAdvocates-PGE-2022WMP-16, Question 6, states, "The current use case for  | Lavla Labagh<br>Holly Wherman<br>Carolyn Chen  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.5   | And Inspections Vegetation  Management (VM)   | Remote Sensing Inspections of   |
| 110   |   | 0.434410.40   | 2022WMP-18 CalAdvocates-PGE-   | 40                                | 2022WMP-<br>CalAdvocate   | VM Distribution LIDAR is tied to the VM Routine Program PG&E's response to data request CalAdvocates-PGE-  | Holly Wherman  |   |  |  |             |   | and Inspections Vegetation  | Vegetation Around<br>Remote Sensing   |
| 140   | CalPA                                   | Set WMP-18  | 2022WMP-18   | 10                                |   | 2022WMP-16, Question 6, states, "GBL scanning costs are approximately \$400 per mile including scanning data Page 537 of PG&E's 2022 WMP states that, for 2022, the  | Carolyn Chen<br>Layla Lahagh<br>Holly Wherman  | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.5   | Management (VM)   | Inspections of  Vegetation Around   |
| 141   | CalPA                                   | Set WMP-19  | CalAdvocates-PGE-<br>2022WMP-19  | 1                                 | s-PGE-  | "highest wildfire risk miles" includes, among other definitions, "The top 20 percent of circuit segments as defined by PG&E's  | Carolyn Chen   | 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-<br>2022WMP-19  | 2                                 | CalAdvocate   | Please and the following data to "CalAdvocates-PGE"  2022WMP-19 Atch01.xlsx" (with changes to the attachment   | Holly Wherman<br>Carolyn Chen  | 3/25/2022   | 3/31/2022  | 3/31/2022  | 1           | 7.3.3   | Grid Design and<br>System Hardening   | Additional Detail   |
| 143   | OEIS                                    | Set 007   | OEIS-PG&E-22-  | 1                                 |   | as required by Ouestion 10) as new columns Provide this Qu1. Un P. 870, PG&E Indicates Based on the 2021 10-<br>year PSPS lookback analysis, PG&E  | Lavla Labadh<br>Kevin Miller   | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 0   | PSPS  | Additional Detail   |
| 143   | OEIS                                    | Set 007   | 007<br>OEIS-PG&E-22-   | ı                                 |   | identified notential locations for our transmission and QU2. With regard to maturity survey question F.IV.a Does the   | Reviii iviillei  | 3/23/2022   | 3/30/2022  | 3/30/2022  | 0           | · · · · · · · · · · · · · · · · · · ·                 | F3F3  | Additional Detail   |
| 144   | OEIS                                    | Set 007   | 007  | 2                                 | 22-007 2  | utility have explicit thresholds for initiating a PSPS? PG&E's answer has remained the QU3. With regard to maturity survey question F.IV.c Under   | 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-<br>007   | 3                                 | 00.007.0  | which circumstances does the   | Kevin Miller   | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | N/A   | Miscellaneous   | Maturity Survey   |
|   |   |   |  |                                   |   | utility de-energize circuits? Select all that apply PG&F<br>Q04. With regard to maturity survey question F.V.b How<br>automated is the process for   |  |   |  |  |             |   |   |   |
|   |   |   | 0510 0005 00   |                                   |   | inspecting de-energized sections of the grid prior to re-  |  |   |  |  |             |   |   |   |
| 146   | OEIS                                    | Set 007   | OEIS-PG&E-22-<br>007   | 4                                 |   | energizing? In the 2021 Survey, PG&E answered as of January 1, 2023 it would be "Partially   | Kevin Miller   | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | N/A   | Miscellaneous   | Maturity Survey   |
|   |   |   |  |                                   |   | automated, <50%" and this year changed that answer to "Manual process, not at all."  |  |   |  |  |             |   |   |   |
| 4.47  | OFIC                                    | 0-1-007   | OEIS-PG&E-22-  |                                   |   | a) Explain why PG&E expects the process for inspecting de-<br>QUS. Regarding OEISUPG&E-22-005, provide the additional  | IZ aviin Millan  | 2/05/0000   | 2/24/2002  | 2/24/2022  | 4           | 7.0.0   | Grid Design and   | EPSS Reliability  |
| 147   | OEIS                                    | Set 007   | 007  | 5                                 | 22-007_5  | columns in WMP Discovery2022_DR_OEIS_005-<br>001Atch01:<br>Q06. Regarding wmP-Discovery2022_DR_CalAdvocates_12-  | Kevin Miller   | 3/25/2022   | 3/31/2022  | 3/31/2022  | I           | 7.3.3   | System Hardening  | Impact analysis   |
|   |   |   | OEIS-PG&E-22-  | 6                                 | OEIS-PG&E-  | Q00: Regarding WWI - Discovery2022_DR_CalAdvocates_12-<br>Q08 and WMP<br>Discovery2022_DR_CalAdvocates_012-Q02Atch01:  | Kevin Miller   | 3/25/2022   | 3/30/2022  | 3/30/2022  | 0           | 7.3.4.14  | Asset Management  | Quality assurance / quality control of  |
| 148   | OEIS                                    | Set 007   | 007  |                                   |   | a) Define the population of transmission detailed ground   |  |   |  |  |             |   | and Inspections   | inspections   |
| 148   | OEIS                                    | Set 007   | 007  |                                   |   | inspections reviewed through   |  |   |  |  |             |   |   |   |
|   |   |   |  |                                   | OEIS-PG&E-  | inspections reviewed through<br>Q06. Regarding WMP-Discovery2022_DR_CalAdvocates_12-<br>Q08 and WMP  |  |   |  |  |             |   | Asset Management  | Quality assurance /   |
| 148   | OEIS                                    | Set 007   | 007<br>OEIS-PG&E-22-<br>007  | 6 REV                             | OEIS-PG&E-<br>22-007_6<br>REV   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground  | 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  |
|   |   |   | OEIS-PG&E-22-  |                                   | OEIS-PG&E-<br>22-007_6<br>REV   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through Q07 Provide the same information in the same format as  |  | 3/25/2022   | 4/1/2022   | 4/1/2022   | 0           | 7.3.4.14  | and Inspections   | quality control of inspections  |
|   |   |   | OEIS-PG&E-22-<br>007   |                                   | OEIS-PG&E-<br>22-007_6<br>REV<br>OEIS-PG&E-   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through Q07. Provide the same information in the same format as supplied in Table 1, for climbing inspections, IR inspections, and drone inspections for detailed   |  | 3/25/2022   | 4/1/2022<br>4/8/2022   | 4/1/2022<br>4/8/2022   | 0           | 7.3.4.14  | and Inspections  Asset Management   | quality control of inspections  Detailed Inspections of Transmission  |
| 148   | OEIS                                    | Set 007   | OEIS-PG&E-22-<br>007   |                                   | OEIS-PG&E-<br>22-007_6<br>REV<br>OEIS-PG&E-   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through Q07. Provide the same information in the same format as supplied in Table 1, for climbing   | Kevin Miller   |   |  |  | 1           |   | and Inspections   | quality control of inspections  Detailed Inspections  |
| 148   | OEIS                                    | Set 007   | OEIS-PG&E-22-<br>007<br>OEIS-PG&E-22-<br>007   | 7                                 | OEIS-PG&E-<br>22-007_6<br>REV<br>OEIS-PG&E-<br>22-007_7   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:   | Kevin Miller  Kevin Miller   | 3/25/2022   | 4/8/2022   | 4/8/2022   | 1           | 7.3.4.14  | and Inspections  Asset Management and Inspections   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment   |
| 148   | OEIS                                    | Set 007   | OEIS-PG&E-22-<br>007   | 7                                 | OEIS-PG&E-<br>22-007_6<br>REV<br>OEIS-PG&E-<br>22-007_7   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels   | Kevin Miller   |   | 4/8/2022   | 4/8/2022   | 0 1         |   | and Inspections  Asset Management   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and   |
| 148<br>149<br>150                           | OEIS OEIS                               | Set 007 Set 007   | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007   | 7                                 | OEIS-PG&E-<br>22-007_6<br>REV<br>OEIS-PG&E-<br>22-007_7<br>OEIS-PG&E-<br>22-007_8   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  | Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022   | 4/8/2022<br>3/30/2022  | 4/8/2022<br>3/30/2022  | 0           | 7.3.4.14  | and Inspections  Asset Management and Inspections  Grid Design and System Hardening   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  |
| 148   | OEIS                                    | Set 007   | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007   | 7                                 | OEIS-PG&E-<br>22-007_6<br>REV  OEIS-PG&E-<br>22-007_7  OEIS-PG&E-<br>22-007_8  OEIS-PG&E-   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  | Kevin Miller  Kevin Miller   | 3/25/2022   | 4/8/2022   | 4/8/2022   | 1           | 7.3.4.14  | and Inspections  Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  |
| 148<br>149<br>150                           | OEIS OEIS                               | Set 007 Set 007   | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007   | 7<br>8<br>9                       | OEIS-PG&E-<br>22-007_6<br>REV  OEIS-PG&E-<br>22-007_7  OEIS-PG&E-<br>22-007_8  OEIS-PG&E-<br>22-007_9  OEIS-PG&E-   | Q08 and WMP  Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Complete Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  | Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022   | 4/8/2022<br>3/30/2022  | 4/8/2022<br>3/30/2022  | 0           | 7.3.4.14  | and Inspections  Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation  Methodologies Model and Metric Calculation   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution   |
| 148<br>149<br>150                           | OEIS OEIS OEIS                          | Set 007  Set 007  Set 007   | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-  | 7<br>8<br>9<br>9 SUPP             | OEIS-PG&E-<br>22-007_6<br>REV  OEIS-PG&E-<br>22-007_7  OEIS-PG&E-<br>22-007_8  OEIS-PG&E-<br>22-007_9 OEIS-PG&E-<br>22-007_9 SLIPP OEIS-PG&E-   | Q08 and WMP  Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is complete Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is complete In Southern California Edison's 2022 WMP Update, the utility states that "in high and medium vibration susceptibility areas."  | Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022<br>3/25/2022<br>3/25/2022   | 4/8/2022<br>3/30/2022<br>3/30/2022   | 4/8/2022<br>3/30/2022  | 0           | 7.3.4.14<br>7.3.3<br>4.5                              | and Inspections  Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Methodologies Grid Design and   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration   |
| 148<br>149<br>150<br>151<br>151<br>152      | OEIS OEIS OEIS OEIS OEIS                | Set 007  Set 007  Set 007  Set 007  Set 007                                     | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-  | 7<br>8<br>9<br>9 SUPP<br>10       | OEIS-PG&E-<br>22-007_6<br>REV  OEIS-PG&E-<br>22-007_7  OEIS-PG&E-<br>22-007_8  OEIS-PG&E-<br>22-007_9 OEIS-PG&E-<br>22-007_9 SLIPP OEIS-PG&E-<br>22-007_10  | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provid | Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022  | 4/8/2022<br>3/30/2022<br>4/30/2022<br>3/30/2022                            | 4/8/2022<br>3/30/2022<br>3/30/2022   | 0 0         | 7.3.4.14<br>7.3.3<br>4.5<br>4.5<br>7.3.3              | and Inspections  Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies  Methodologies Methodologies  | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  |
| 148<br>149<br>150<br>151                    | OEIS OEIS OEIS OEIS                     | Set 007  Set 007  Set 007  Set 007  | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007   | 7<br>8<br>9<br>9 SUPP             | OEIS-PG&E- 22-007_6 REV  OEIS-PG&E- 22-007_7  OEIS-PG&E- 22-007_9 OEIS-PG&E- 22-007_9 SLIPP OEIS-PG&E- 22-007_10 OEIS-PG&E- 22-007_11   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  | Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022  | 4/8/2022<br>3/30/2022<br>3/30/2022<br>4/30/2022                            | 4/8/2022<br>3/30/2022<br>3/30/2022   | 0 0         | 7.3.4.14<br>7.3.3<br>4.5<br>4.5                       | Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Model and Metric Calculation Methodologies Grid Design and System Hardening  Grid Design and System Hardening  | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  Additional Detail   |
| 148<br>149<br>150<br>151<br>151<br>152      | OEIS OEIS OEIS OEIS OEIS                | Set 007  Set 007  Set 007  Set 007  Set 007                                     | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-  | 7<br>8<br>9<br>9 SUPP<br>10       | OEIS-PG&E-<br>22-007_6<br>REV  OEIS-PG&E-<br>22-007_7  OEIS-PG&E-<br>22-007_9 OEIS-PG&E-<br>22-007_9 SLIPP OEIS-PG&E-<br>22-007_10 OEIS-PG&E-<br>22-007_11 OEIS-PG&E-   | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Complete C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Complete In Southern California Edison's 2022 WMP Update, the utility states that "in high and medium vibration susceptibility areas, vibration response on covered conductor effectiveness states "[s] everal covered-conductor-specific failure modes exist that require operators to consider additional personnel training Regarding covered conductor inspections and maintenance. a) Provide the following job aids:   | Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022  | 4/8/2022<br>3/30/2022<br>4/30/2022<br>3/30/2022                            | 4/8/2022<br>3/30/2022<br>3/30/2022   | 0 0         | 7.3.4.14<br>7.3.3<br>4.5<br>4.5<br>7.3.3              | and Inspections  Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Model and Metric Calculation Methodologies Grid Design and System Hardening  Grid Design and  | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  |
| 148  149  150  151  151  152  153           | OEIS OEIS OEIS OEIS OEIS OEIS           | Set 007  Set 007  Set 007  Set 007  Set 007  Set 007                            | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-                              | 7<br>8<br>9<br>9 SUPP<br>10<br>11 | OEIS-PG&E- 22-007_6 REV  OEIS-PG&E- 22-007_7  OEIS-PG&E- 22-007_9 OEIS-PG&E- 22-007_9 OEIS-PG&E- 22-007_10 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_12 OEIS-PG&E-  | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections roviowed through—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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC Model when it is  Complete Q09. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC Model when it is  Complete C09. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  Complete C09. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  Complete C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model when it is  C19. Provide a copy of E3's review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model was review of PG&E's 2022 WDRIM v3 and WFC model w | Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller  Kevin Miller   | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022                           | 4/8/2022<br>3/30/2022<br>4/30/2022<br>3/30/2022<br>3/30/2022               | 4/8/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022                            | 1 0 0 0 1   | 7.3.4.14  7.3.3  4.5  4.5  7.3.3  7.3.3               | and Inspections  Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Model and Metric Calculation Methodologies Grid Design and System Hardening Grid Design and System Hardening Grid Design and System Hardening Risk Assessment   | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  Additional Detail  Covered Conductor                                |
| 148  149  150  151  151  152  153  154  155 | OEIS OEIS OEIS OEIS OEIS OEIS OEIS OEIS | Set 007  Set 007 | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-        | 7  8  9  9 SUPP  10  11  12  13   | OEIS-PG&E- 22-007_6 REV  OEIS-PG&E- 22-007_7  OEIS-PG&E- 22-007_9 OEIS-PG&E- 22-007_10 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_12 OEIS-PG&E- 22-007_13  | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide the following Edison's 2022 WMP update, the utility states that the provide of the conductor effectiveness states  "[s]everal covered-conductor-specific failure modes exist that the provide the following job aids:  (i) TD-2305M-JAO2  Regarding WMP-Discovery2022_DR_CalAdvocates_004-009Atch01 xlsx:  | Kevin Miller               | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022 | 3/30/2022<br>3/30/2022<br>4/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022 | 3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022 | 1 0 0 1 3 1 | 7.3.4.14  7.3.3  4.5  4.5  7.3.3  7.3.3  7.3.3  7.3.3 | Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Model and Metric Calculation Methodologies Grid Design and System Hardening Grid Design and System Hardening Grid Design and System Hardening Risk Assessment and Mapping Risk Assessment  | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  Additional Detail  Covered Conductor Maintenance  Additional Detail |
| 148  149  150  151  151  152  153  154      | OEIS OEIS OEIS OEIS OEIS OEIS OEIS      | Set 007                   | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007 | 7  8  9  9 SUPP  10  11  12  13   | OEIS-PG&E- 22-007_6 REV  OEIS-PG&E- 22-007_7  OEIS-PG&E- 22-007_9 OEIS-PG&E- 22-007_10 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_12 OEIS-PG&E- 22-007_13 OEIS-PG&E- | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections, raviewed through. 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is Q09. Provide of conductor and provide of provide with particular model with particular modes exist that require properties of conductor indiplections and maintenance. a) Provide the following job aids: Q08Atch01.xlsx and Discovery2022_DR_CalAdvocates_004-Q08Atch01.xlsx and Discovery2022_DR_CalAdvocates_004-Q08Atch01.xlsx and Discovery2022_DR_CalAdvocates_004-Q08Atch01.xlsx with the additional columns:   | Kevin Miller  Kevin Miller | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022              | 3/30/2022<br>3/30/2022<br>4/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022 | 3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022              | 1 0 0 0 1   | 7.3.4.14  7.3.3  4.5  4.5  7.3.3  7.3.3  7.3.3        | Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Grid Design and System Hardening  Risk Assessment and Mapping  Risk Assessment and Mapping | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  Additional Detail  Covered Conductor Maintenance                    |
| 148  149  150  151  151  152  153  154  155 | OEIS OEIS OEIS OEIS OEIS OEIS OEIS OEIS | Set 007  Set 007 | OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-<br>007  OEIS-PG&E-22-        | 7  8  9  9 SUPP  10  11  12  13   | OEIS-PG&E- 22-007_6 REV  OEIS-PG&E- 22-007_7  OEIS-PG&E- 22-007_9 OEIS-PG&E- 22-007_10 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_11 OEIS-PG&E- 22-007_12 OEIS-PG&E- 22-007_13 OEIS-PG&E- | Q08 and WMP Discovery2022_DR_CalAdvocates_012-Q02Atch01: a) Define the population of transmission detailed ground inspections reviewed through 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 transmission levels respectively:  Q08. Regarding Table 5.3-1, provide similar information for system hardening excluding undergrounding  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  Q09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC Model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide a copy of E3's review of PG&E's 2022 WDRM v3 and WFC model when it is  C09. Provide the following Edison's 2022 WMP update, the utility states that the provide of the conductor effectiveness states  "[s]everal covered-conductor-specific failure modes exist that the provide the following job aids:  (i) TD-2305M-JAO2  Regarding WMP-Discovery2022_DR_CalAdvocates_004-009Atch01 xlsx:  | Kevin Miller  Kevin Miller | 3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022<br>3/25/2022 | 3/30/2022<br>3/30/2022<br>4/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022 | 3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022<br>3/30/2022 | 1 0 0 1 3 1 | 7.3.4.14  7.3.3  4.5  4.5  7.3.3  7.3.3  7.3.3  7.3.3 | Asset Management and Inspections  Grid Design and System Hardening  Model and Metric Calculation Methodologies Model and Metric Calculation Methodologies Grid Design and System Hardening Grid Design and System Hardening Grid Design and System Hardening Risk Assessment and Mapping Risk Assessment  | quality control of inspections  Detailed Inspections of Transmission Electric Lines and Equipment  Additional Detail  Wildfire Distribution Risk Model  Wildfire Distribution Risk Model  Vibration Susceptibility  Additional Detail  Covered Conductor Maintenance  Additional Detail |

| March   Marc   | 158 | OEIS        | Set 007    | OEIS-PG&E-22-<br>007 | 16 | OEIS-PG&E<br>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<br>System Hardening | Additional Detail  |
|--|-----|-------------|------------|----------------------|----|-----------------------------------|--|--------------------|-----------|-----------|-----------|---|------------|-------------------------------------|--|
| March   Marc   | 159 | OEIS        | Set 007    | OEIS-PG&E-22-        | 17 | OEIS-PG&E                         | LEPSS capable circuits in the HFTD areas, HFRA and non   |                    | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | N/A        |                                     | Additional Detail  |
| Section  | 160 | OEIS        | Set 007    | OEIS-PG&E-22-        | 18 | OEIS-PG&E                         | (UDS) program and sets a target of 7,000 distribution poles in   |                    | 3/25/2022 | 3/30/2022 | 3/30/2022 | 1 | 7.3.5      | Management (VM)                     | Management to  |
| March   Marc   | 161 | OEIS        | Set 007    | OEIS-PG&E-22-        | 19 | OEIS-PG&E                         | 2022 and 2023 based on mitigations and improved protocols  |                    | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | 8          |                                     | Achieve Clearances Additional Detail                         |
| Mart   | 162 | OEIS        | Set 007    |                      | 20 | OEIS-PG&E                         | a) How many of PG&E's weather stations have been   |                    | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | 7.3.2      | Awareness and                       | Weather Stations   |
| 1.   | 163 | OEIS        | Set 007    |                      | 21 | OEIS-PG&E                         | B.III.c:   | Kevin Miller       | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | N/A        |                                     | Maturity Survey  |
| March   Marc   | 164 | OEIS        | Set 007    |                      | 22 | OEIS-PG&E                         | Regarding PG&E's response to Maturity Survey question  B.IIc:  | Kevin Miller       | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | N/A        | Miscellaneous                       | Maturity Survey  |
| Column   | 165 | OEIS        | Set 007    |                      | 23 | OEIS-PG&E                         | Regarding Safety and Infrastructure Protection Team's (SIPT) in section 7.3.2.5:   | Kevin Miller       | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | 7.3.2      | Awareness and                       | Monitoring Areas of  |
| March   Marc   | 166 | OEIS        | Set 007    |                      | 24 |                                   | a) Was the prototype field test installation at the Santa Cruz   | Kevin Miller       | 3/25/2022 | 3/30/2022 | 3/30/2022 | 0 | N/A        |                                     |  |
| Dec  | 167 | MGRA        | 3          |                      | 1  | Request No.                       | conditional probability or makes any other adjustment to account for the fact the Technosylva consequence  | · '                | 3/28/2022 | 3/31/2022 | 3/31/2022 | 0 | 7.3.1      |                                     | Additional Detail  |
| March   Marc   | 168 | MGRA        | 4          |                      | 1  | Request No.                       | In the WDRM v3 model, has Cal Fire outcome data derived from VIIRS   | •                  | 4/1/2022  | 4/5/2022  | 4/5/2022  | 0 | 7.3.1      |                                     | Additional Detail  |
| March   March   Company    | 169 | MGRA        | 4          |                      | 2  | Request No.                       | IVV nat is the remaining role of Technosylva simulation in the v3  | 1                  | 4/1/2022  | 4/5/2022  | 4/5/2022  | 0 | 7.3.1      |                                     | Additional Detail  |
| Mark      | 170 | MGRA        | 4          |                      | 3  | Request No.                       | If the Technosylva outputs are linked to the VIIRS data, now   | •                  | 4/1/2022  | 4/5/2022  | 4/5/2022  | 0 | 7.3.1      |                                     | Additional Detail  |
| March   Marc   | 171 | MGRA        | 4          |                      | 4  | Request No.                       | to the Cal Fire fire outcome data set. Is this assignment based on a specific mapping, on averages, or on a Monte  | Joseph Mitchell on | 4/1/2022  | 4/5/2022  | 4/5/2022  | 0 | 7.3.1      |                                     | Additional Detail  |
| March   Marc   | 172 | MGRA        | 4          |                      | 5  | Request No.                       | result of marginalizing daily P(ignition outage) values across days from historic fire seasons (i.e. based on daily weather and fuel conditions) to produce a seasonal value derived from  | •                  | 4/1/2022  | 4/5/2022  | 4/5/2022  | 0 | 7.3.1      |                                     | Additional Detail  |
| The color  | 173 | MGRA        | 4          |                      | 6  | Request No.                       | of consequence scores to obtain a seasonal risk score for<br>each driver? Or is the daily (ignition outage) multiplied by the<br>daily consequence score, and the risk score averaged over   | behalf of MGRA     | 4/1/2022  | 4/5/2022  | 4/5/2022  | 0 | 7.3.1      |                                     | Additional Detail  |
| 19   | 174 | OEIS        | Set 008    |                      | 1  |                                   | Library, PG&E described completing an R&D project at the end of 2021, and the AH&PC team performed a strategic assessment of the results. PG&E then determined that the  |                    | 4/1/2022  | 4/6/2022  | 4/6/2022  | 0 | 7.3.2.2.6  | Awareness and                       | Distribution Arcing<br>Fault Signature<br>Library            |
| Property    | 175 | OEIS        | Set 008    |                      | 2  |                                   | PG&E states that "some in-progress projects are forecasted in service towards the end of 2022"   | Kevin Miller       | 4/1/2022  | 4/6/2022  | 4/6/2022  | 0 | 7.3.3.17.2 | <u> </u>                            | System Hardening -<br>Transmission                           |
| Proc.   Proc   | 176 | OEIS        | Set 008    |                      | 3  |                                   | a)What percentage of inspections are completed by contractors vs. internally by PG&E employees?  | Kevin Miller       | 4/1/2022  | 4/6/2022  | 4/6/2022  | 1 | 7.3.4      |                                     | Additional Detail  |
| The content of the    | 177 | OEIS        | Set 008    |                      | 4  |                                   | -Q04. Provide the geospatial files for the HFRA modifications  | Kevin Miller       | 4/1/2022  | 4/6/2022  | 4/6/2022  | 1 | 4.2.1      |                                     | Evaluation and   |
| Property    | 178 | OEIS        | Set 008    |                      | 5  |                                   | "completed over 210 miles of distribution system hardening, with approximately 66% of these circuits falling within the  |                    | 4/1/2022  | 4/6/2022  | 4/6/2022  | 0 | 7.3.3.17.1 |                                     | System Hardening   |
| Mathematical   Math   | 179 | OEIS        | Set 008    |                      | 6  |                                   | PG&E discloses that it conducted an audit of work tracking databases which identified ignitions which had not been reported, "increasing PG&E's reportable ignition record by 23   | 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    |
| Part   | 180 | OEIS        | Set 008    |                      | 7  |                                   | Question 5a, PG&E states that it re-evaluated its 2021 [Maturity Survey] response related to communications tools (Question F.VI.b). PG&E also states, "because of the   |                    | 4/1/2022  | 4/6/2022  | 4/6/2022  | 0 | N/A        | Miscellaneous                       | Maturity Survey  |
| 10   | 181 | OEIS        | Set 008    |                      | 8  |                                   | that it projected a need to hire approximately 40 Linemen and 100 Apprentices each year for the next five years, based on an internal demand and supply review. On p. 788 of PG&E's  |                    | 4/1/2022  | 4/6/2022  | 4/6/2022  | 0 | 7.3.9.1    | Planning and                        |  |
| March   Column   Co   | 182 | CalPA       | Set WMP-20 |                      | 1  | s-PGE-<br>2022WMP-                | 17, question 7, PG&E said, "For 2021, approximately 96% of covered conductor projects included pole replacements."   | Carolyn Chen       | 4/5/2022  | 4/8/2022  | 4/11/2022 | 0 | 7.3.3.6    | <u> </u>                            | Replacement and Reinforcement, Including with                |
| Post   Cut   | 183 | CalPA       | Set WMP-20 |                      | 2  | CalAdvocate<br>s-PGE-<br>2022WMP- | wire distribution circuits in HFTD? b) On average, how many poles per circuit-mile exist on  | Carolyn Chen       | 4/5/2022  | 4/8/2022  | 4/11/2022 | 0 | 7.3.3.6    |                                     | Replacement and Reinforcement, Including with                |
| Post      | 184 | OEIS        | Set 009    |                      | 1  |                                   | PG&E reports a \$530 million increase in vegetation management category initiatives over the amount projected for 2022   | Kevin Miller       | 4/8/2022  | 4/13/2022 | 4/13/2022 | 0 | 7.3.5      | Management (VM)                     | Program Cost   |
| 197   Cut   Set 0.09   Offin PASC-22-    | 185 | OEIS        | Set 009    |                      | 2  |                                   | PG&E reports an increase of \$198 million in Grid Design and System Hardening category initiatives over the amount projected for 2022 in the 2021 WMP Update.  | Kevin Miller       | 4/8/2022  | 4/13/2022 | 4/13/2022 | 1 | 7.3.3      | <u> </u>                            |  |
| Initiative in Table 122   Coll   Part   Coll   Coll   Part   Coll   Coll   Part   Coll   Co   | 186 | OEIS        | Set 009    |                      | 3  |                                   | Crosc ration i Los flows 2 ero spending for the undergrounding Grid Hardening Initiative 7.3.3.16 - Undergrounding of electric lines and/or equipment (Row 61).  | Kevin Miller       | 4/8/2022  | 4/13/2022 | 4/13/2022 | 0 | 7.3.3.16   |                                     | Undergrounding   |
| 197   ULUS   Set 100   00   4   27-001   4   Will account for each severity on operand conductor inflinted in Section 2   1   1   1   1   1   1   1   1   1  |     |             |            |                      |    |                                   | initiatives in Table 12?  Q04. Table 12 shows zero spending for the undergrounding Grid Hardening 7.3.3.3 Covered  |                    |           |           |           |   |            |                                     | Covered Conductor  |
| Properties   Pro   | 187 | OEIS        | Set 009    |                      | 4  |                                   | a) What accounts for zero spending on covered conductor initiatives in Table 12?     b) Provide expenditures for undergrounding initiatives for  | Kevin Miller       | 4/8/2022  | 4/13/2022 | 4/13/2022 | 0 | 7.3.3.3    |                                     |  |
| 198   OE IS   Set 009   OEIS-PAGE-22   6   OEIS-PAGE-22   7   OEIS-PAGE-22   OEIS-PAGE-22   7   OEIS-PAGE-22   7   OEIS-PAGE-22   7   OEIS-PAGE-22   7   OEIS-PAGE-22   7   OEIS-PAGE-22   7   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAGE-22   OEIS-PAG   | 188 | OEIS        | Set 009    |                      | 5  |                                   | 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 | 7.3.7      | Data Governance                     | _  |
| 199   OEB   Set 1009    |     |             |            |                      |    |                                   | governance initiative spending?  |                    |           |           |           |   |            |                                     | District of  |
| 1980   OEIS   Set 009   OEIS-PAGE 22   7   OEIS-PAGE 23   OEIS-PAGE 24   OEIS-PAGE 25   OEIS-   | 189 | OEIS        | Set 009    |                      | 6  |                                   | -  | Kevin Miller       | 4/8/2022  | 4/13/2022 | 4/13/2022 | 0 | 7.3.3.8.1  |                                     | Sectionalizing   |
| 191   Will Abrams  | 190 | OEIS        | Set 009    | OEIS-P&GE-22-        | 7  | OEIS-P&GE                         |  |                    | 4/8/2022  | 4/13/2022 | 4/13/2022 | 2 | 7.3.7.4    | Data Governance                     |  |
| are secured throughout their infastructure and not swinging and causing sparked caststrophic wildling?  Will Abrams Set 02 Vill Abrams Set 02 Vill Abrams Set 02 Vill Abrams Set 03 Vill | 191 | Will Abrams | Set 01     | WillAbrams-Set 01    | 1  | WillAbrams-                       | individuals (i.e., the person responsible for the content of your answer) for each piece of information requested. If the responding individual is not your employee, please provide   |                    | 4/11/2022 | 4/14/2022 | 4/14/2022 | 1 | 4.6        | Miscellaneous                       | 5.4B Corrective<br>Actions                                   |
| Co Wat has PO&E changed in terms of their inspections and other mitigation activities to ensure this type of widther ignition activities to ensure this type of widther ignition and the mitigation activities to result the first of widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to result the first of the widther inspections and other mitigation activities to pick up on these variations?  Will Abrams Set 02 WillAbrams-Set 02 4 WillAbrams-Set 02 5 WillAbrams-Set 02 6 Wi   | 192 | Will Abrams | Set 02     | WillAbrams-Set 02    | 1  |                                   | are secured throughout their infrastructure and not swinging and causing sparks and catastrophic wildfires?  (b) Has PG&E made efforts to mitigate the swinging of vertical insulator strings now that this has been identified as a cause |                    | 4/13/2022 | 4/25/2022 |           |   | 7.3.3.5    | _                                   | Maintenance,<br>Repair, and                                  |
| these variations that contributed to Kincade Fire ignitions? Are wind sensors now placed closer to these towers to pick up these types of variations?  194 Will Abrams Set 02 WillAbrams-Set 02  WillAbrams |     |             |            |                      |    |                                   | (c) What has PG&E changed in terms of their inspections and other mitigation activities to ensure this type of wildfire ignition never happens again?  Q: How has PG&E mitigated these microclimate/wind effects                           |                    |           |           |           |   |            |                                     | керіасетепt  |
| Will Abrams Set 02 WillAbrams-Set 02 3 WillAbrams-Set 02 4 WillAbrams-Set 02 5 WillAbrams-Set 02 6 WillAbr | 193 | Will Abrams | Set 02     | WillAbrams-Set 02    | 2  |                                   | these variations that contributed to Kincade Fire ignitions? Are wind sensors now placed closer to these towers to pick up these types of variations?  |                    | 4/13/2022 | 4/25/2022 |           |   | 7.3.2.1.3  | Awareness and                       | Weather Stations   |
| will Abrams Set 02 Se | 194 | Will Abrams | Set 02     | WillAbrams-Set 02    | 3  | Set 02_3                          | associated with line terminations? How does PG&E now ensure line terminations are secured and not causing similar fires?   |                    | 4/13/2022 | 4/25/2022 |           |   | 7.3.3.12.3 | System Hardening                    | Transmission   |
| 196 Will Abrams Set 02 WillAbrams-Set 02 5 WillAbrams-Set 02 6 Wil | 195 | Will Abrams | Set 02     | WillAbrams-Set 02    | 4  | Set 02_4                          | wires like those indicated are not left dangling and causing fire risk across their infrastructure?  | Will Abrams        | 4/13/2022 | 4/25/2022 |           |   | 7.3.4.3    | and Inspections                     | Inspections  |
| Will Abrams Set 02 WillAbrams-Set 02 WillAbrams-Set 02 WillAbrams-Set 02 6 WillAbrams- | 196 | Will Abrams | Set 02     | WillAbrams-Set 02    | 5  |                                   | incorporated into their risk mitigation to ensure old wires are not left abandoned on the ground around infrastructure?  | Will Abrams        | 4/13/2022 | 4/25/2022 |           |   | 7.3.4.3    |                                     | Improvement of Inspections Fuel Management and Management of |
| Activities   | 197 | Will Abrams | Set 02     | WillAbrams-Set 02    | 6  |                                   | 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   |                    | 4/13/2022 | 4/25/2022 |           |   | 7.3.5.5    | Management (VM)                     | All Wood and<br>"Slash" From<br>Vegetation<br>Management     |

| March   Marc   | 7.3.2.1.2  7.3.4.3  7.3.5.5  7.3.3.12.3  7.3.3.12.3  TBD  TBD  TBD  7.3.4.3 | Situational Awareness and Forecasting  Asset Management and Inspections  Vegetation Management (VM) and Inspections  Grid Design and System Hardening  Vegetation Management (VM) and Inspections  TBD | Inspections  Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities  Crossarm Maintenance, Repair, and Replacement  Other corrective action, Maintenance, Transmission  Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities  Other corrective action, Management Activities  Other corrective action, |
|--|---|--|--|
| Fig.   | 7.3.5.5  7.3.3.12.3  7.3.3.12.3  TBD  TBD  7.3.4.3                          | and Inspections  Vegetation Management (VM) and Inspections  Grid Design and System Hardening  Vegetation Management (VM) and Inspections  Grid Design and System Hardening                            | Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities  Crossarm Maintenance, Repair, and Replacement  Other corrective action, Maintenance, Transmission Fuel Management and Management and Management of All Wood and "Slash" From Vegetation Management Activities  Other corrective action, Maintenance, Transmission                      |
| Will Arcens   Serior   Wildermode of Co.   Section   Section   Section   Section   Section   Wildermode of Co.   Section   S   | 7.3.3.5  7.3.3.12.3  7.3.3.12.3  TBD  TBD  7.3.4.3  7.3.3.5                 | Management (VM) and Inspections  Grid Design and System Hardening  Vegetation Management (VM) and Inspections  Grid Design and System Hardening  TBD   | and Management of All Wood and "Slash" From Vegetation Management Activities  Crossarm Maintenance, Repair, and Replacement  Other corrective action, Maintenance, Transmission Fuel Management and Management and Management of All Wood and "Slash" From Vegetation Management Activities Other corrective action, Maintenance,  |
| Wilstamp   Serior   Wils   | 7.3.3.12.3 7.3.3.12.3 TBD TBD 7.3.4.3 7.3.3.5                               | Grid Design and System Hardening  Vegetation Management (VM) and Inspections  Grid Design and System Hardening  TBD  | Crossarm Maintenance, Repair, and Replacement  Other corrective action, Maintenance, Transmission Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities Other corrective action, Maintenance,   |
| 2022   Will Adminst   Staff C2   Williamme Staff C2   12   Williamme Staff C2   12   Williamme Staff C3   12   Williamme Staff C3   12   Williamme Staff C3   13   Williamme Staff C3   13   Williamme Staff C3   14   Williamme Staff C3   14   Williamme Staff C3   15   Williamme Staff C3   15   Williamme Staff C3   15   Williamme Staff C3   15   Williamme Staff C3   16   Williamme Staff C3   16   Williamme Staff C3   16   Williamme Staff C3   16   Williamme Staff C3   17   Williamme Staff C3   16   Williamme Staff C3   16   Williamme Staff C3   17   Williamme Staff C3   18   Williamme Staff C3   18   Williamme Staff C3   18   Williamme Staff C3   18   Williamme Staff C3   19   Williamme Staff C3   Williamme Staff C3   19   Williamme Staff C3   19   Williamme Staff C3   19   Williamme Staff C3   19   Williamme Staf   | 7.3.5.5  7.3.3.12.3  TBD  TBD  7.3.4.3                                      | Vegetation Management (VM) and Inspections  Grid Design and System Hardening   | action, Maintenance, Transmission Fuel Management and Management of All Wood and "Slash" From Vegetation Management Activities Other corrective action, Maintenance,   |
| 2015   Will Abrains   Schill DZ   Will Abrains   | 7.3.3.12.3  TBD  TBD  7.3.4.3   | Management (VM) and Inspections  Grid Design and System Hardening  TBD   | and Management of All Wood and "Slash" From Vegetation Management Activities Other corrective action, Maintenance,   |
| 2014   Will Abrents   Sec. 02   WillAbrents-Sec. 22   13   SWIGNATURE   Sec. 02.1   Sec.   | TBD  TBD  7.3.4.3   | System Hardening TBD   | Other corrective action, Maintenance,  |
| Columbia List Procycle Region from the effect or an army control of the procycle Region from the effect or an army column from the process with the first transport of the process of th   | 7.3.4.3<br>7.3.3.5  |  |  |
| Comment   Comm   | 7.3.4.3   | TBD  | TBD  |
| 207   Will Abrams  | 7.3.3.5   |  | TBD  |
| Will Abrams  |   | Asset Management and Inspections   | t Improvement of Inspections   |
| 20   |   | Grid Design and<br>System Hardening  | Crossarm Maintenance, Repair, and  |
| 210 Will Abrams  | 7.3.4.12  | Asset Management and Inspections   | electric lines and   |
| 211 Will Abrams Set 02 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbr | TBD   | TBD  | equipment TBD  |
| 212 Will Abrams Set 02 WillAbrams-Set 02 21 WillAbrams Set 02 21 WillAbrams-Set 02 21 WillAbrams Set 02 22 WillAbrams-Set 02 21 WillAbrams Set 02 22 WillAbrams-Set 02 22 WillAbrams Set 02 22 WillAbrams-Set 02 23 WillAbrams Set 02 22 WillAbrams-Set 02 24 WillAbrams Set 02 25 WillAbrams-Set 02 25 WillAbrams Set 02 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams Set 02 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbrams-Set 02 29 WillAbrams-Set 02 20 WillAbrams-Set 02 21 WillAbrams-Set 02 22 WillAbrams-Se | 7.3.2.1.3   | Situational<br>Awareness and<br>Forecasting  | Weather Stations   |
| 213 Will Abrams Set 02 WillAbrams-Set 02 22 WillAbrams-Set 02 23 WillAbrams-Set 02 24 WillAbrams-Set 02 25 WillAbrams-Set 02 25 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 26 WillAbrams-Set 02 27 WillAbrams-Set 02 27 WillAbrams-Set 02 28 WillAbrams-Set 02 29 WillAbr | TBD   | TBD  | TBD  |
| Will Abrams Set 02 WillAbrams-Set 02 WillAbrams-Set 02 WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  O: How has PG&E improved their policies and wildfire mitigation practices to more closely work with partners like CallPine to ensure access and maintenance issues do not impact safe operations of PG&E equipment?  O: Given the ambiguity of "N/A" meaning 'not present' has  Nill Abrams  Will Abrams  4/13/2022  4/25/2022  4/25/2022   | 7.3.4.12  | Asset Management and Inspections   | Patrol inspections of transmission electric lines and equipment  |
| Will Abrams Set 02 WillAbrams-Set 02 WillAbrams-Set 02 WillAbrams-Set 02 WillAbrams-Set 02 Unimpact safe operations of PG&E equipment?  Q: Given the ambiguity of "N/A" meaning 'not present" has  | 7.3.4.10  | Asset Management and Inspections   | inspection of transmission electric lines and equipment, beyond inspections mandated by rules  |
| Q: Given the ambiguity of "N/A" meaning 'not present" has  | 7.3.3.12.3  | Grid Design and<br>System Hardening  | and regulations Other corrective action, Maintenance,  |
| Will Abrams Set 02 WillAbrams-Set 02 WillAbrams-Set 02 25 WillAbrams- Set 02 25 Set 02_25 PG&E revised their inspection forms to have less ambiguous and more accurate infrastructure evaluation and risk scoring? Will Abrams 4/13/2022 4/25/2022   | 7.3.4.3   | Asset Management and Inspections   | Transmission  Improvement of Inspections   |
| Are any changes reflected within their WMP?  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  Are any changes reflected within their WMP?  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   | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Other corrective action, Maintenance,  |
| practices due to this new information?  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  Will Abrams  4/13/2022  4/25/2022  | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Other corrective action, Maintenance,  |
| maintenance practice been corrected? 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    Mill Abrams  | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Transmission Other corrective action, Maintenance,   |
| 220 Will Abrams Set 02 WillAbrams-Set 02 29 WillAbr | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Other corrective action, Maintenance,  |
| Will Abrams  Set 02  WillAbrams-Set 02  WillAbrams- | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Other corrective action, Maintenance, Transmission   |
| Will Abrams  Set 02  WillAbrams-Set 02  WillAbrams-Set 02  WillAbrams-Set 02  31  WillAbrams-Set 02  | 7.3.3.12.3<br>(and possible 1.1<br>Verification; Group                      | Grid Design and System Hardening   | Other corrective action, Maintenance,  |
| mitigate these risks? 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 orreplace? What WMP practices have standardized these  | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Transmission  Other corrective action,  Maintenance, Transmission  |
| practices given the known wildfire risks? 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    District of their wildfire risks?   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   | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Other corrective action, Maintenance,  |
| 225 Will Abrams Set 02 WillAbrams-Set 02 WillAbr | 7.3.4.3   | Asset Management and Inspections   | Transmission  Improvement of Inspections   |
| 226 Will Abrams Set 02 WillAbrams-Set 02 WillAbrams-Set 02 35 Q: Do line crew supervisors still have the authority to "mothball" infrastructure with direction from outside sources? How has PG&E implemented corrective actions given the wildfire risks associated with how infrastructure is 4/13/2022 4/25/2022  |   | Grid Design and<br>System Hardening  | Other corrective action, Maintenance, Transmission   |
| decommissioned or mothballed? 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  Will Abrams Set 02 Will Abrams-Set 02   | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Maintenance,<br>Transmission   |
| 228 Will Abrams Set 02 WillAbrams-Set 02 WillAbrams-Set 02 WillAbrams-Set 02 The forward basis as part of their WMP?  WillAbrams-Set 02 The forward basis as part of their WMP?  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  Will Abrams 4/13/2022 4/25/2022  | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Maintenance,<br>Transmission   |
| practices and quality controls to remedy?  229 Will Abrams Set 02 WillAbrams-Set 02 38 WillAbrams-Set 02 38 Set 02_38 WillAbrams-Set 02 38 WillAbrams-Set 02 38 Set 02_38 WillAbrams-Set 02 38 WillAbrams-Set 02_38 WillAbr |   | i  | Maintenance,   |
| Will Abrams Set 02 WillAbrams-Set 02 Set 02_39 Set 02_ | 7.3.3.12.3  | Grid Design and<br>System Hardening  | Transmission   |
| OEIS-PG&E-22-<br>010  OEIS-PG&E-22-<br>010  OEIS-PG&E-22-<br>010  New Year In the Section 8.2.3.7 PG&E describes its use of the risk vs. benefit tool in four events in 2021 to support the evaluation of the potential public safety risk due to a PSPS event against the forecasted potential wildfire risk.  a. To date, did PG&E use the risk-benefit tool for determining to initiate any events that did not result in a PSPS event?  Kevin Miller  4/15/2022  4/20/2022  4/20/2022  4/20/2022   | 7.3.3.12.3  | <u> </u>   | , , , , , , , , , , , , , , , , , , ,  |

| 232                                | OEIS           | Set 10                   | OEIS-PG&E-22-<br>010   | 2                  | OEIS-PG&E<br>22-010_2                          | Regarding PG&E's attachment CONFIDENTIAL_PGE_2022-WMP_Section_46_Remedy_2114_Atch01_CONF to the 2022 WMP Update: a. Concerning the project type "Community Wildfire Safety Program for projects aimed for 2022-2023":  | Kevin Miller                 | 4/15/2022                | 4/20/2022              | 4/20/2022              | 0        | 4.6                   | Grid Design and<br>System Hardening                        | System Hardening   |
|------------------------------------|----------------|--------------------------|--|--------------------|--|--|------------------------------|--------------------------|------------------------|------------------------|----------|-----------------------|--|--|
| 233                                | OEIS           | Set 10                   | OEIS-PG&E-22-<br>010   | 3                  |  | i. Describe this project type, including where more information about this project type is described within the 2022 WMP (or On page 670, FG&E indicates potential reductions in FSFS event size in 2022 are expected to come from planned mitigations and "PG&E is currently still in the process of finalizing locations for certain 2022 mitigations but anticipates the following mitigations to come online in 2022. These  | Kevin Miller                 | 4/15/2022                | 4/20/2022              | 4/20/2022              | 1        | 8.1.4                 | PSPS   | Future Plans   |
|                                    |                |                          |  |                    |  | include: - Distribution Sectionalizing Devices   |                              |                          |                        |                        |          |                       |  |  |
| Pre-Discovery 01                   | CalPA          | Set WMP-02               | CalAdvocates-PGE-<br>2022WMP-02<br>CalAdvocates-PGE-               | 1                  | CalAdvocate                                    | Please identify and provide a copy of all quality assurance or quality control (OA/OC) reports conducted by internal entities. Please identify and provide a copy of all quality assurance or  | Alan Wehrman                 | 12/17/2021               | 1/18/2022              | 1/18/2022              | 17       | 7.3.4                 | Asset Management and Inspections Asset Management          | QA/QC Reports  |
| Pre-Discovery 02                   | CalPA          | Set WMP-02               | 2022WMP-02<br>CalAdvocates-PGE                                     | 2                  | CalAdvocate<br>s-PGF-<br>CalAdvocate           |  | Alan Wehrman                 | 12/17/2021               | 1/18/2022              | 1/18/2022              | 27       | 7.3.4                 | and Inspections  | QA/QC Reports  |
| Pre-Discovery 03  Pre-Discovery 04 | CalPA<br>CalPA | Set WMP-02<br>Set WMP-03 | 2022WMP-02<br>CalAdvocates-PGE                                     | 3                  | s-PGF-<br>CalAdvocate                          | Energy Safety's Compliance Branch (or previously the Please note that the geographical regions are mutually  | Alan Wehrman Alan Wehrman    | 12/17/2021<br>12/17/2021 | 1/18/2022<br>2/8/2022  | 1/18/2022<br>2/10/2022 | 1        | N/A<br>N/A            | Miscellaneous  Miscellaneous                               | Additional Detail  Additional Detail                               |
| 1 1e-biscovery 04                  | Odil A         | Get Wivii -03            | 2022WMP-03 CalAdvocates-PGE-                                       | '                  |  | exclusive (i.e. "Other HFTD" excludes areas that are in either Supplemental for Q2   | Alan Wellinian               | 12/11/2021               | 2/0/2022               | 2/10/2022              | <u>'</u> | 14/74                 | Wilscellarieous  | Additional Detail  |
| Pre-Discovery 05  Pre-Discovery 05 | CalPA CalPA    | Set WMP-03 Set WMP-03    | 2022WMP-03  CalAdvocates-PGE-                                      | 2SUPP<br>2         | s-PGE-<br>2022WMP-<br>CalAdvocate<br>s-PGE-    | Provide an Excel table of all transmission circuit-segments  Provide an Excel table of all transmission circuit-segments   | Alan Wehrman  Alan Wehrman   | 12/17/2021               | 2/15/2022              | 2/15/2022              | 1        | N/A<br>N/A            | Miscellaneous  Miscellaneous                               | Additional Detail  Additional Detail                               |
| ,                                  | CalPA          | Set WMP-03               | 2022WMP-03 CalAdvocates-PGE-                                       | 3                  | 2022WMP-<br>CalAdvocate                        | existing as of January 1, 2022 (as rows) that includes the   | Alan Wehrman                 |                          | 2/1/2022               | 2/1/2022               | 0        | 7040                  | Asset Management   | Detailed Inspections   |
| Pre-Discovery 06  Pre-Discovery 07 | CalPA          | Set WMP-03               | 2022WMP-03<br>CalAdvocates-PGE-                                    | 4                  | s-PGF-<br>CalAdvocate                          |  | Alan Wehrman                 | 12/17/2021               | 2/1/2022               | 2/1/2022               | 0        | 7.3.4.2<br>7.3.4.2    | <u> </u>   | _ Transmission Detailed Inspections                                |
| Pre-Discovery 08                   | CalPA          | Set WMP-03               | 2022WMP-03<br>CalAdvocates-PGE-<br>2022WMP-03                      | 5                  | CalAdvocate                                    | 1 3 7  | Alan Wehrman                 | 12/17/2021               | 2/1/2022               | 2/1/2022               | 0        | 7.3.4.2               | _  | - Transmission Detailed Inspections - Transmission                 |
| Pre-Discovery 09                   | CalPA          | Set WMP-03               | 2022WMP-03<br>CalAdvocates-PGE-<br>2022WMP-03<br>CalAdvocates-PGE- | 6                  | s-PGF-<br>CalAdvocate                          | and should not be construed to be limited to 500 kV towers. Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. Note: this question refers to transmission structures generally,  | Alan Wehrman                 | 12/17/2021               | 2/1/2022               | 2/1/2022               | 0        | 7.3.4.2               |  | Transmission Detailed InspectionsTransmission Detailed Inspections |
| Pre-Discovery 10                   | CalPA          | Set WMP-03<br>Set WMP-03 | 2022WMP-03<br>CalAdvocates-PGE                                     | 7                  |  | and should not be construed to be limited to 500 kV towers. Note: this question refers to transmission structures generally,   | Alan Wehrman                 | 12/17/2021               | 2/1/2022               | 2/1/2022               | 0        | 7.3.4.2               |  | - Transmission Detailed Inspections                                |
| Pre-Discovery 11  Pre-Discovery 12 | CalPA<br>CalPA | Set WMP-03               | 2022WMP-03<br>CalAdvocates-PGE                                     | 9                  | s-PGF-<br>CalAdvocate                          | and should not be construed to be limited to 500 kV towers. Note: this question refers to transmission structures generally,   | Alan Wehrman<br>Alan Wehrman | 12/17/2021<br>12/17/2021 | 2/1/2022               | 2/1/2022               | 0        | 7.3.4.2<br>7.3.4.2    | and Inspections<br>Asset Management                        | - Transmission<br>Detailed Inspections                             |
| Pre-Discovery 13                   | CalPA          | Set WMP-03               | 2022WMP-03<br>CalAdvocates-PGE-<br>2022WMP-03                      | 10                 | CalAdvocate                                    | and should not be construed to be limited to 500 kV towers. 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   | •  |
| Pre-Discovery 14                   | CalPA          | Set WMP-03               | 2022WMP-03<br>CalAdvocates-PGE-<br>2022WMP-03<br>CalAdvocates-PGE- | 11                 | c-PGF-<br>CalAdvocate<br>s-PGF-<br>CalAdvocate | and should not be construed to be limited to 500 kV towers. Note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers. Please note that the geographical regions are mutually  | Alan Wehrman                 | 12/17/2021               | 2/1/2022               | 2/1/2022               | 0        | 7.3.4.2               | Asset Management and Inspections                           | - Transmission Detailed Inspections - Transmission                 |
| Pre-Discovery 15                   | CalPA          | Set WMP-03               | 2022WMP-03   | 12                 | s-PGF-   | exclusive (i.e. "Other HFTD" excludes areas that are in either Please note that the geographical regions are mutually exclusive (i.e., "Other HFTD" excludes areas that are in either  | 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-<br>2022WMP-03                                    | 12 REV             | CalAdvocate<br>s-PGE-<br>2022WMP-<br>03_12 REV | following relationships should hold: Tier 2 miles + Tier 3 miles + Other HFTD miles = total  | 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-  | 1                  |  | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  | Alan Wehrman                 | 12/17/2021               | 2/25/2022              | 2/25/2022              | 0        | 8                     | PSPS   | Communication  |
| Pre-Discovery 17                   | CalPA          | Set WMP-04               | 2022WMP-04<br>CalAdvocates-PGE-<br>2022WMP-04                      | 2                  | calAdvocate                                    |  | Alan Wehrman                 | 12/17/2021               | 2/25/2022              | 2/25/2022              | 1_       | 7.1.F                 | Wildfire Mitigation Strategy                               | with Publicly-Owned Wildfire Risk Data                             |
| Pre-Discovery 18                   | CalPA          | Set WMP-04               | 2022WMP-04<br>CalAdvocates-PGE-<br>2022WMP-04<br>CalAdvocates-PGE- | 3                  | CalĀdvocate                                    | recent spatial data for all circuit segments for which PG&F<br>Regarding your PSPS circuit modeling capabilities: a) Please<br>describe your present circuit modeling capabilities with regard<br>Note: this question refers to transmission structures generally,   | 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               | 2022WMP-04<br>CalAdvocates-  | 4                  | s-PGF-   | note: this question refers to transmission structures generally, and should not be construed to be limited to 500 kV towers.  For any program for which you forecast capital expenditures in   | Alan Weniman                 | 12/17/2021               | 2/25/2022              | 2/25/2022              | 0        | 7.3.4.2               | Asset Management and Inspections Summary of Wildfire       | - Transmission<br>- Additional detail on                           |
| Pre-Discovery 20 Pre-Discovery 20  | CalPA<br>CalPA | Set WMP-04<br>Set WMP-04 | PGF-2022WMP-<br>CalAdvocates-PGE                                   | 5 (a,b)<br>5 (c-d) |  | 2022 to he at least two times actual expenditure in 2021<br>Supplemental to Q5   | Alan Wehrman  Alan Wehrman   | 12/17/2021               | 3/4/2022               | 3/4/2022               | 1        | 3.1<br>N/A            | Mitigation Plan Miscellaneous                              | expenditures Additional Detail                                     |
| Pre-Discovery 20 Pre-Discovery 20  | CalPA          | Set WMP-04<br>Set WMP-04 | 2022WMP-04<br>CalAdvocates-PGE                                     | 5 (C-d)<br>5 (e)   |  | Supplemental to Q5   | Alan Wehrman  Alan Wehrman   | 12/17/2021               | 3/14/2022              | 3/4/2022               | 1        | N/A<br>N/A            | Miscellaneous  | Additional Detail  |
| Pre-Discovery 21                   | CalPA          | Set WMP-04               | 2022WMP-04<br>CalAdvocates-PGE-<br>2022WMP-04                      | 6 (a,b)            | CalAdvocate                                    | For any program for which you forecast operating expenditures in 2022 to be at least two times actual  | Alan Wehrman                 | 12/17/2021               | (Noon)<br>3/4/2022     | 3/4/2022               | 1_       | 3.1                   |  | Additional detail on expenditures                                  |
| Pre-Discovery 21                   | CalPA          | Set WMP-04               | 2022WMP-04<br>CalAdvocates-PGE-<br>2022WMP-04<br>CalAdvocates-PGE- | 6 (c-d)            |  | expenditures in 2022 to be at least two times actual Supplemental to Question 6  | 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-<br>2022WMP-04<br>CalAdvocates-                   | 6 (e)              | s-PGF-   | Supplemental to Question 6  Provide PG&E's workplan that describes where PG&E will   | Alan Wehrman                 | 12/17/2021               | 3/14/2022<br>(Noon)    | 3/14/2022              | 0        | N/A                   | Miscellaneous<br>Vegetation                                | Additional Detail<br>Enhanced                                      |
| Pre-Discovery 22 Pre-Discovery 23  | CalPA<br>CalPA | Set WMP-04<br>Set WMP-04 | PGF-2022WMP-<br>CalAdvocates-                                      | 7<br>8             | CalAdvocate                                    | undertake FVM projects in 2022. This workplan should be in Provide PG&E's workplan that describes where and when you   | i Alan Wentman               | 12/17/2021<br>12/17/2021 | 2/25/2022<br>2/25/2022 | 2/25/2022<br>2/25/2022 | 1        | 7.3.5.2<br>7.3.3.17.1 | Management (VM) Grid Design and                            | Vegetation<br>System Hardening -                                   |
| Pre-Discovery 24                   | CalPA          | Set WMP-04               | PGF-2022WMP-<br>CalAdvocates-PGE-                                  | 9                  | CalAdvocate<br>CalAdvocate                     | ,  | Alan Wehrman                 | 12/17/2021               | 2/25/2022              | 2/25/2022              | 1        | 7.3.3.17.1            | System Hardening<br>Grid Design and                        | Distribution<br>System Hardening -                                 |
| Pre-Discovery 25                   | CalPA          | Set WMP-04               | CalAdvocates-PGE-  | 10                 | s-PGF-<br>CalAdvocate                          |  | Alan Wehrman                 | 12/17/2021               | 2/25/2022              | 2/25/2022              | 0        | 7.3.3.17.1            | System Hardening<br>Grid Design and                        | Transmission System Hardening - Distribution                       |
| Pre-Discovery 26                   | CalPA          | Set WMP-05               | 2022WMP-04<br>CalAdvocates-PGE-<br>2022WMP-05<br>CalAdvocates-PGE- | 1                  |  | hardening in the tables below Note: in PG&E's 2021 WMP The following questions relate to the article Humboldt County  Issues Stop Work Order PG&E Removes Contractor on EVM Question 2 a) Is KDF still engaged with PG&E to perform  | Alan Wehrman                 | 12/23/2021               | 1/10/2022              | 1/10/2022              | 1        | 7.3.5.2               | System Hardening<br>Vegetation  Management (VM) Vegetation | Miscellaneous  |
| Pre-Discovery 27                   | CalPA          | Set WMP-05               | CalAdvocates-PGE-<br>2022WMP-05<br>CalAdvocates-PGE-               | 2                  | s-PGF-<br>CalAdvocate                          |  | Alan Wehrman                 | 12/23/2021               | 1/10/2022              | 1/10/2022              | 0        | 7.3.5.2               | Vegetation  Management (VM) Vegetation                     | iviiscellaneous  |
| Pre-Discovery 28                   | CalPA          | Set WMP-05               | 2022WMP-05<br>CalAdvocates-PGE                                     | 3                  |  | not have an encroachment permit to do road work on Thomas Question 4 The article alleges that KDF had left logs and  | Alan Wehrman                 | 12/23/2021               | 1/10/2022              | 1/10/2022              | 0        | 7.3.5.2               | Management (VM) Vegetation                                 | Miscellaneous  |
| Pre-Discovery 29 Pre-Discovery 30  | CalPA<br>CalPA | Set WMP-05<br>Set WMP-05 | 2022WMP-05<br>CalAdvocates-PGE                                     | 5                  | s-PGF-<br>CalAdvocate                          | chips in the ditch plugged culverts and damaged the Question 5 The article states that a PG&E spokesperson   | Alan Wehrman Alan Wehrman    | 12/23/2021<br>12/23/2021 | 1/10/2022              | 1/10/2022              | 0        | 7.3.5.2<br>7.3.5.2    | Management (VM)<br>Vegetation                              |  |
| Pre-Discovery 31                   | CalPA          | Set WMP-05               | 2022WMP-05<br>CalAdvocates-PGE                                     | 6                  |  | confirmed that KDE "did not complete the work to IPG&E's Question 6 Following the August CZU Lightning Complex Fire  | Alan Wehrman                 | 12/23/2021               | 1/24/2022              | 1/10/2022              | 0        | 7.3.5.2               | Management (VM)<br>Vegetation                              | Missellaneous  |
| Pre-Discovery 32                   | CalPA          | Set WMP-05               | 2022WMP-05<br>CalAdvocates-PGE-<br>2022WMP-05                      | 7                  | calAdvocate                                    |  | Alan Wehrman                 | 12/23/2021               | 1/24/2022              | 1/24/2022              | 1        | 7.3.5.2               | Management (VM) Vegetation Management (VM)                 |  |
| Pre-Discovery 32                   | CalPA          | Set WMP-05               | 2022WMP-05<br>CalAdvocates-PGE-<br>2022WMP-05<br>CalAdvocates-PGE- | 7 SUPP             | CalAdvocate<br>s-PGF-<br>CalAdvocate           | aware of in which a local government has complained to or Supplemental for Q/ List all instances in 2020 and 2021 that PG&F is aware of in   | Alan Wehrman                 | 12/23/2021               | 1/24/2022              | 1/24/2022              | 1        | 7.3.5.2               | Management (VM) Vegetation  Management (VM) Crossarm       |  |
| Pre-Discovery 33                   | CalPA          | Set WMP-06               | 2022WMP-06   | 1                  | s-PGF-   | The following questions relate to the PG&E Independent 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   | Alan Wehrman                 | 12/23/2021               | 1/10/2022              | 1/10/2022              | 2        | 7.3.3.5               | Maintenance  | Miscellaneous  |
| Pre-Discovery 34                   | CalPA          | Set WMP-06               | CalAdvocates-PGE-<br>2022WMP-06                                    | 2                  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>06_2      | expedited before the 2021 fire season (that is, August 30,   | Alan Wehrman                 | 12/23/2021               | 1/14/2022              | 1/14/2022              | 0        | 7.3.3.5               | Crossarm<br>Maintenance                                    | Miscellaneous  |
| Pre-Discovery 35                   | CalPA          | Set WMP-06               | CalAdvocates-PGE-<br>2022WMP-06                                    | 3                  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>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<br>Maintenance                                    | Miscellaneous  |
| Pre-Discovery 36                   | CalPA          | Set WMP-06               | CalAdvocates-PGE-<br>2022WMP-06                                    | 4                  | s-PGE-   | 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 actions that PG&E has taken since the ignition on June 16, 2021, to mitigate the risk of another ignition associated with a past-due tag on its system. | Alan Wehrman                 | 12/23/2021               | 1/14/2022              | 1/14/2022              | 0        | 7.3.3.5               | Crossarm<br>Maintenance                                    | Miscellaneous  |
| Pre-Discovery 37                   | CalPA          | Set WMP-06               | CalAdvocates-PGE-<br>2022WMP-06                                    | 5                  | s-PGE-   | 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.  Regarding PG&E's 2021 distribution system hardening efforts, as described in section 7.3.3.17.1 its 2021 Revised WMP:   | 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-<br>2022WMP-07                                    | 1                  | s-PGE-   | 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?2 c) If the answer to part (b) is lower than 80 percent, please explain why.  | Alan Wehrman                 | 12/23/2021               | 2/1/2022               | 2/1/2022               | 0        | 7.3.3.17.1            | Grid Design and<br>System Hardening                        | System Hardening   |
| Pre-Discovery 39                   | CalPA          | Set WMP-07               | CalAdvocates-PGE-<br>2022WMP-07                                    | 2                  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>07 2      | distribution system hardening work in 2021, in accordance  | Alan Wehrman                 | 12/23/2021               | 2/1/2022               | 2/1/2022               | 1        | 7.3.3.17.1            | Grid Design and<br>System Hardening                        | System Hardening   |

| Part   Company   |                  |       |            |                               |         |   |  |               |            |           |           |   |          |                 |                               |
|--|------------------|-------|------------|-------------------------------|---------|---|--|---------------|------------|-----------|-----------|---|----------|-----------------|-------------------------------|
| Production   Carp   Supplies   Production   Carp    | Pre-Discovery 40 | CalPA | Set WMP-07 |                               | 3       | CalAdvocate<br>s-PGE-<br>2022WMP-<br>07_3       | In 2021, the Monitor team conducted an in-field review of 1,628 distribution structures in HFTDs that had been inspected by PG&E. Approximately 27% of the structures had potential exceptions related to field conditions, for a total of 583 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  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.  b) Has PG&E performed any re-inspections or inspection validation efforts following the findings of the Federal Monitor, described above?  c) If the answer to part (b) is yes, please describe those efforts.  d) If the answer to part (b) is no, 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 Kirkland & Ellis LLP, PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1), PG&E Independent Monitor Report of November 23, 2021. |               | 12/23/2021 | 2/1/2022  | 2/1/2022  | 0 | 7.3.4.1  |                 | Inspections -<br>Distribution |
| Part   | Pre-Discovery 41 | CalPA | Set WMP-07 |                               | 4       | CalAdvocate<br>s-PGE-<br>2022WMP-<br>07_4       | 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  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.  b) Has PG&E performed any re-inspections or inspection validation efforts following the findings of the Federal Monitor, described above?  c) If the answer to part (b) is yes, please describe those efforts.  | Alan Wehrman  | 12/23/2021 | 2/1/2022  | 2/1/2022  | 0 | 7.3.4.2  | _               | Inspections -<br>Transmission |
| Part   Comment   | Pre-Discovery 42 | CalPA | Set WMP-08 |                               | 1       | CalAdvocate<br>s-PGE-<br>2022WMP-<br>08 _1      | November 19, 2021 (Case No. 14-CR-00175-WHA Doc. No. 1524-1) November 23, 2021 p. 32  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   | Alan Wehrman  | 1/28/2022  | 2/25/2022 | 2/25/2022 | 0 | N/A      | Miscellaneous   | Additional Detail             |
| 200   March   100   March      | Pre-Discovery 43 | CalPA | Set WMP-08 |                               | 2       | s-PGE-<br>2022WMP-                              | 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   | Alan Wehrman  | 1/28/2022  | 2/25/2022 | 2/25/2022 | 0 | 7.3.4    |                 | Additional Detail             |
| ### Discording 46   Califford   Califford  | Pre-Discovery 44 | CalPA | Set WMP-08 | PGE-2022WMP-                  | 3       | CalAdvocate<br>s-PGE-<br>2022WMP-<br>08_3       | 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 or shortcomings in the performance of this particular inspection. 6 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question   | Alan Wehrman  | 1/28/2022  | 2/25/2022 | 2/25/2022 | 0 | 7.3.3.5  |                 | Miscellaneous                 |
| Pro-Discretory 46   CalPA   Set Wid9-06   CalAdvances-PGC   2022/Win9-06   Super Set   | Pre-Discovery 45 | CalPA | Set WMP-08 |                               | 4       | s-PGE-<br>2022WMP-                              | 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  | Alan Wehrman  | 1/28/2022  | 2/25/2022 | 2/25/2022 | 0 | 7.3.4.14 |                 | Assurance/Quality             |
| The Mortillar's 2021 regard states, "Fur example, PG&E's recomplemental content of the purpose and sales of the purpose a | Pre-Discovery 46 | CalPA | Set WMP-08 |                               | 5 SUPP  | s-PGE-<br>2022WMP-                              | Final ACE reports for 11 ignitions in 2021   | Holly Wehrman | 1/28/2022  | 4/8/2022  |           |   | 7.3.7    | Data Governance | Asset Failure<br>Analysis     |
| ausse, and provide copies of associated reports or investigations performed by the Asset Failure Analysis Team.  The Monitor's 2021 report states. For example, PG&E's recently sentences and suns 2021 significant to a broken cross arm. 7 a) When was PG&E's Asset Failure Analysis Team causally connected a June 2021 significant to a broken cross arm. 7 a) When was PG&E's Asset Failure Analysis Team causally connected a June 2021 significant to a broken cross arm. 7 a) When was PG&E's Asset Failure Analysis Team or Please describe what, if any, work product is produced by the Asset Failure Analysis Team or Please describe any changes or impression of the purpose and a charge of the Asset Failure Analysis Team or sealure and the Asset Failure Analysis Team or sealure and follows and the Asset Failure Analysis Team or sealure and follows and the Asset Failure Analysis Team.  CallAdvocates.PGE 2022WMP-Update? Please describe any changes or impression or the purpose of the purpose of the Asset Failure Analysis Team or sealure and follows and in PG&E's 2022 WMP Update? Please describe any changes or impression of the purpose of the purpo | Pre-Discovery 46 | CalPA | Set WMP-08 |                               | 5 (a,b) | CalAdvocate<br>s-PGE-<br>2022WMP-<br>08_5 (a,b) | 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   | Alan Wehrman  | 1/28/2022  | 2/25/2022 | 2/25/2022 | 0 | 7.3.7    | Data Governance | Asset Failure                 |
|  |                  |       |            | 2022WMP-08  CalAdvocates-PGE- |         | CalAdvocate<br>s-PGE-<br>2022WMP-<br>08_5 (c-h) | answer to part (g) is yes, please list such ignitions, their cause, and provide copies of associated reports or investigations performed by the Asset Failure Analysis Team. The Monitor'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, please list such ignitions, their cause, and provide copies of associated reports or investigations performed by the Asset Failure Analysis Team.  What date does PG&E define as the start of the 2021 fire  |               |            |           |           |   |          |                 | Asset Failure<br>Analysis     |

|                  |       |            |   |   |   | PG&E's response to Data Request CalAdvocates-PGE-  |               |           |           |           |   |          |                                     |   |
|------------------|-------|------------|---|---|---|--|---------------|-----------|-----------|-----------|---|----------|-------------------------------------|---|
| Pre-Discovery 48 | CalPA | Set WMP-08 | CalAdvocates-PGE-<br>2022WMP-08         | 7 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>08_7 | was priority E.9 Why was the corrective notification never reprioritized above priority E during the period of February 19,  | Alan Wehrman  | 1/28/2022 | 2/25/2022 | 2/25/2022 | 0 | 7.3.4    | Asset Management and Inspections    | Additional Detail                                       |
|                  |       |            |   |   |   | 2020 to June 16, 2021? 9 PG&E's response to Data Request CalAdvocates-PGE-2022WMP-06, Question 2.  Provide an Excertable 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 |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 49 | CalPA | Set WMP-09 | CalAdvocates-PGE-<br>2022WMP-09         | 1 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>09_1 | associated circuit c. ID number of the associated circuit d.   | Holly Wehrman | 2/15/2022 | 3/2/2022  | 3/2/2022  | 1 | 7.3.4    | Asset Management and Inspections    | Additional Detail -<br>Distribution                     |
|                  |       |            |   |   |   | system of A, B, E, etc.) j. Due date of the original notification k. Object/damage code (see definitions) I. 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   |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 50 | CalPA | Set WMP-09 | CalAdvocates-PGE-<br>2022WMP-09         | 2 | s-PGE-<br>2022WMP-<br>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 -<br>Transmission                     |
| Pre-Discovery 51 | CalPA | Set WMP-09 | CalAdvocates-PGE-<br>2022WMP-09         | 3 | s-PGE-<br>2022WMP-<br>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 -<br>Substations                      |
| Pre-Discovery 52 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 1 | s-PGE-                                    | 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<br>System Hardening | Tree Attachments  |
| Pre-Discovery 53 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 2 | s-PGE-<br>2022WMP-<br>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 How many tree attachments does PG&E plan to remediate in  | Holly Wehrman | 2/15/2022 | 3/2/2022  | 3/2/2022  | 0 | 7.3.3    | Grid Design and<br>System Hardening | Tree Attachments  |
| Pre-Discovery 54 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 3 | s-PGE-<br>2022WMP-<br>10 3                | 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 When PG&E periorms undergrounding in the HFTD lor   | Holly Wehrman | 2/15/2022 | 3/2/2022  | 3/2/2022  | 0 | 7.3.3    | Grid Design and<br>System Hardening | Tree Attachments  |
| Pre-Discovery 55 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 4 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>10_4 | describe PG&E's current policy regarding removal of the shared poles. c) Please describe PG&E's current policy   | Holly Wehrman | 2/15/2022 | 3/7/2022  | 3/7/2022  | 0 | 7.3.3.16 | Grid Design and<br>System Hardening | Undergrounding of<br>Electric Lines<br>and/or Equipment |
|                  |       |            |   |   |   | During the tield 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  |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 56 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 5 | CalAdvocate<br>s-PGE-<br>2022WMP-<br>10_5 | 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 the above representation accurate with respect to the Undergrounding Project El Dorado 2101 Phase 4? b) If the  | Holly Wehrman | 2/15/2022 | 3/7/2022  | 3/7/2022  | 0 | 7.3.3.16 | Grid Design and<br>System Hardening | Undergrounding of<br>Electric Lines<br>and/or Equipment |
|                  |       |            |   |   | CalAdvocate                               | answer to part (a) is no, please correct any misropresentations.  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  |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 57 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 6 | s-PGE-                                    | 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   | Holly Wehrman | 2/15/2022 | 3/7/2022  | 3/7/2022  | 0 | 7.3.3.16 | Grid Design and<br>System Hardening | Undergrounding of<br>Electric Lines<br>and/or Equipment |
|                  |       |            |   |   | CalAdvocate                               | utilities? b) If not, please describe PG&E's typical practice in 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  |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 58 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 7 | s-PGE-                                    | 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   | Holly Wehrman | 2/15/2022 | 3/7/2022  | 3/7/2022  | 0 | 7.3.3.16 | Grid Design and<br>System Hardening | Undergrounding of<br>Electric Lines<br>and/or Equipment |
| Pre-Discovery 59 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 8 | s-PGE-                                    | the poles? e) Of the miles undergrounded in HETDs in 2021 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                                | Holly Wehrman | 2/15/2022 | 3/2/2022  | 3/2/2022  | 0 | 7.3.9    | Emergency<br>Planning And           | Additional Detail                                       |
|                  |       |            | 2022*********************************** |   | 10_8                                      | provide a geospatial data file that contains all current identified transportation corridors with ingress and egress hazards.  In its responses to Data Request CalAdvocates-PGE-  |               |           |           |           |   |          | Preparedness                        |   |
| Pre-Discovery 60 | CalPA | Set WMP-10 | CalAdvocates-PGE-<br>2022WMP-10         | 9 | s-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   | 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        |
|                  |       |            |   |   |   | as they are complete. 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:   |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 61 | OEIS  | Set 002    | OEIS-PG&E-22-<br>002                    | 1 | 22-002_1                                  | 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 Maturity Survey for the years 2020, 2021, and 2022 to   | Kevin Miller  | 2/22/2022 | 3/4/2022  | 3/4/2022  | 0 | N/A      | Miscellaneous                       | Maturity Survey   |
|                  |       |            |   |   |   | determine whether the utility has truly progressed or regressed. To help ensure accuracy in comparison of reinterpretated responses to the same questions from the 2020 and 2021 surveys, for each of the 41 questions re-interpreted in answering the 2022 Maturity Survey, please provide the following:   |               |           |           |           |   |          |                                     |   |
|                  |       |            |   |   |   | a. How was this specific question re-interpreted? b. What would PG&E's answer to the question have been had it been answered in the same way it was interpreted in the 2020 and 2021 Maturity Surveys submitted by PG&E? A. Risk mapping and simulation Q02. Regarding PG&E's response to Maturity Survey question A.V.b (How automated is the   |               |           |           |           |   |          |                                     |   |
| Pre-Discovery 62 | OEIS  | Set 002    | OEIS-PG&E-22-<br>002                    | 2 |   | 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%)   | Kevin Miller  | 2/22/2022 | 3/4/2022  | 3/4/2022  | 0 | 7.3.1    | Risk Assessment<br>and Mapping      | Survey Responses  |
|                  |       |            | 0510 500 5 5                            |   | 0510 55                                   | automation for this task?  Q03. Regarding PG&E's response to Maturity Survey question A.V.c (How are deviations from risk model to ignitions and propagation detected?):   |               |           |           |           |   |          | Di-L A                              |   |
| Pre-Discovery 63 | OEIS  | Set 002    | OEIS-PG&E-22-<br>002                    | 3 | OEIS-PG&E<br>22-002_3                     | 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<br>and Mapping      | Survey Responses  |
| Pre-Discovery 64 | OEIS  | Set 002    | OEIS-PG&E-22-<br>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. Q05. Regarding PG&E's response to Maturity Survey  | Kevin Miller  | 2/22/2022 | 3/4/2022  | 3/4/2022  | 0 | 7.3.3    | Grid Design and<br>System Hardening | Survey Responses  |
| Pre-Discovery 65 | OEIS  | Set 002    | OEIS-PG&E-22-<br>002                    | 5 | OEIS-PG&E<br>22-002_5                     | 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.   | Kevin Miller  | 2/22/2022 | 3/4/2022  | 3/4/2022  | 0 | 7.3.3    | Grid Design and<br>System Hardening | Survey Responses  |
|                  |       |            |   |   |   | b. Provide PG&E's plan to increase level of redundancy for transmission circuits.  |               |           |           |           |   |          |                                     |   |

|                  |        |               |                                 |    |   | Q06. Regarding PG&E's response to Maturity Survey   |   |           |          |          |   |          |                                     |                        |
|------------------|--------|---------------|---------------------------------|----|---|---|---|-----------|----------|----------|---|----------|-------------------------------------|------------------------|
| Pre-Discovery 66 | OEIS   | Set 002       | OEIS-PG&E-22-<br>002            | 6  | OEIS-PG&E<br>22-002_6                     | 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.  Q07. Regarding PG&E's response to Maturity Survey                                   | Kevin Miller                                  | 2/22/2022 | 3/4/2022 | 3/4/2022 | 0 | 7.3.3    | Grid Design and<br>System Hardening | Survey Responses       |
| Pre-Discovery 67 | OEIS   | Set 002       | OEIS-PG&E-22-<br>002            | 7  | OEIS-PG&E<br>22-002_7                     | 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  | Kevin Miller                                  | 2/22/2022 | 3/4/2022 | 3/4/2022 | 0 | 7.3.3    | Grid Design and<br>System Hardening | Survey Responses       |
| Pre-Discovery 68 | OEIS   | Set 002       | OEIS-PG&E-22-<br>002            | 8  | OEIS-PG&E<br>22-002_8                     | design moving forward? 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  | Kevin Miller                                  | 2/22/2022 | 3/4/2022 | 3/4/2022 | 0 | 7.3.3    | Grid Design and<br>System Hardening | Survey Responses       |
|                  |        |               |                                 |    |   | hardening initiatives to most by January 1, 2023?  D. Asset management and inspections  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  |   |           |          |          |   |          |                                     |                        |
| Pre-Discovery 69 | OEIS   | Set 002       | OEIS-PG&E-22-<br>002            | 9  | OEIS-PG&E<br>22-002_9                     | 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   | 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-<br>002            | 10 | OEIS-PG&E<br>22-002_10                    | inventory service territory-wide, including integration of inspections and repairs, by January 1, 2023.  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 | 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-<br>002            | 11 | OEIS-PG&E<br>22-002_11                    | updating its asset conditions more frequently, including any plans to alleviate such bottlenecks.' 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?   | Kevin Miller                                  | 2/22/2022 | 3/4/2022 | 3/4/2022 | 1 | 7.3.3    | Grid Design and<br>System Hardening | Survey Responses       |
|                  |        |               |                                 |    |   | b. What percentage of circuits are not meeting required F. Grid operations and protocols Q12. Regarding PG&E's response to Maturity Survey  |   |           |          |          |   |          |                                     |                        |
| Pre-Discovery 72 | OEIS   | Set 002       | OEIS-PG&E-22-<br>002            | 12 |   | question F.III.d (During PSPS events does the utility's website go down?):  a. How many times did PG&E's website go down during PSPS events in 2021? Include associated timeframes for when the website was down, as well as a percentage of time that the website was down during PSPS events.  b. What is PG&E's plan to decrease the likelihood that the                               | Kevin Miller                                  | 2/22/2022 | 3/4/2022 | 3/4/2022 | 0 | 7.3.6    | Grid Operations<br>and Protocols    | Survey Responses       |
| Pre-Discovery 73 | CalPA  | Set WMP-11    | CalAdvocates-PGE-<br>2022WMP-11 | 1  | CalAdvocate<br>s-PGE-<br>2022WMP-<br>11_1 | wehsite will an down during PSPS events moving forward? 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                | Holly Wehrman<br>Carolyn Chen<br>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-               | 2  | CalAdvocate s-PGE-                        | 2021 EVM Scope of Work – Year-End Summary  c) Attachment C: 2022 EVM Scope of Work 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   | Holly Wehrman<br>Carolyn Chen                 | 2/24/2022 | 3/2/2022 | 3/3/2022 | 0 | 7.3.5.2  | Vegetation<br>Management (VM)       | Enhanced<br>Vegetation |
| The biscovery 14 | Call A | GCC VVIVII 11 | 2022WMP-11                      |    |   | 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 ros Data Requies ("Castiovoicates": PUE-2027 WNIP-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                | Layla Labagh                                  | 2/24/2022 | J/L/LULL | 3/3/2022 |   | 7.0.0.2  | and Inspections                     | Management             |
| Pre-Discovery 75 | CalPA  | Set WMP-11    | CalAdvocates-PGE-<br>2022WMP-11 | 3  | CalAdvocate<br>s-PGE-<br>2022WMP-         | workplan with additional columns to show the actual system hardening work performed in each circuit-segment in 2021 for each of these categories.  7 Rows should be added as needed to cover all circuit-segments where PG&E performed system hardening work in 2021.  a) Installation of covered conductor b) Installation of underground conductor                                      | Holly Wehrman<br>Carolyn Chen<br>Layla Labagh | 2/24/2022 | 3/2/2022 | 3/3/2022 | 1 | 7.3.3.17 | Grid Design and<br>System Hardening | System Hardening       |
|                  |        |               |                                 |    |   | c) Removal of overhead conductor d) Removal of overhead conductor associated with remote  TH'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 upder initiative "C 13". System Hardening   |   |           |          |          |   |          |                                     |                        |

Holly Wehrman

Carolyn Chen

Layla Labagh

2/24/2022 3/2/2022 3/3/2022 0

Grid Design and
System Hardening

7.3.3.17

line miles under initiative "C.13 – System Hardening

CalAdvocate
s-PGE2022WMP11\_4

CalAdvocate

As stated in PG&E's response to Data Request CalAdvocatesPGE-2022WMP-03, February 15, 2022, attachment "WMPDiscovery2022\_DR\_CalAdvocates\_003Q02Supp01Atch01CONF.xlsx," PG&E installed 153.1 miles
of covered conductor in HFTD in 2021, and 108.8 miles of

hetween the above documents

of covered conductor in HFTD in 2021, and 108.8 miles of underground conductor in HFTD in 2021, which totals 261.9

Please explain the apparent discrepancy in number of miles

(Distribution)."

miles.

CalAdvocates-PGE-

2022WMP-11

Pre-Discovery 76

CalPA

Set WMP-11