



Pre-Discovery 10	CaPA	Sat WMP-03	CaPA_Sat_WMP-03_C3	3	CaPA_Sat_WMP-03_C3	<p>Provide an Excel table of all distribution circuit existing as of January 1, 2022 (as rows) that were removed or decommissioned in 2022, either partially or entirely. This includes permanent removal, removal of overhead lines that were removed underground, or overhead lines that were decommissioned but not physically removed. Include the following information in separate columns:</p> <ul style="list-style-type: none"> <li>A Circuit name</li> <li>B Circuit ID number</li> <li>C Circuit miles removed or decommissioned in Non-PTD Areas</li> <li>D Circuit miles removed or decommissioned in Other PTD</li> <li>E Circuit miles removed or decommissioned in PTD Tier 2</li> <li>F Circuit miles removed or decommissioned in PTD Tier 3</li> <li>G Reason(s) for removal or decommissioning</li> </ul>	<p>Abstract # WMP-Discovery2023_OIR_California_2022-00240401401.xlsx which provides information regarding removal of primary distribution lines in PTD in 2022, which is the subject of the requested information under this law. PG&amp;E does not track the removals when installing overhead or underground, removing secondary services, or removing lines in non-PTD. Further, our GIS cannot be used to obtain the information requested because when migrating networks, the electric assets are removed from GIS. Below are provided additional information to clarify the only provided in the attachment in response to the request.</p> <ul style="list-style-type: none"> <li>1. Circuit name: See column A</li> <li>2. Circuit ID number: See column B</li> <li>3. Circuit miles removed or decommissioned in Non-PTD Areas: N/A. As noted above, PG&amp;E does not track the removals when installing overhead or underground, removing secondary services, or removing lines in non-PTD.</li> <li>4. Circuit miles removed or decommissioned in Other PTD: N/A. As noted above, PG&amp;E does not track the removals when installing overhead or underground, removing secondary services, or removing lines in non-PTD.</li> <li>5. Circuit miles removed or decommissioned in PTD Tier 2: Column C indicates the project in the unique circuit segment in either Tier 2 or Tier 3 PTD, and column C includes the associated circuit miles.</li> <li>6. Circuit miles removed or decommissioned in PTD Tier 3: Column E indicates the project in the unique circuit segment in either Tier 2 or Tier 3 PTD, and column C includes the associated circuit miles.</li> <li>7. Reason(s) for removal or decommissioning: See Column G, which lists the name of one of three programs: (1) The Rehab - Removal based on reducing the amount of wildfires; (2) The Facilities - Lower facilities with no transmission line use; or (3) Base SH (System Hardening) - Removal based on the risk-informed criteria used in PG&amp;E's System Hardening Program.</li> </ul>	Holly Whitman	2/7/2023	3/10/2023	3/10/2023	<a href="https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports">https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports</a>	1	N/A	6.1.2	Grid Design and System Hardening	Work Performed in 2022	N/A	
Pre-Discovery 11	CaPA	Sat WMP-03	CaPA_Sat_WMP-03_O4	4	CaPA_Sat_WMP-03_O4	<p>Provide an Excel table of all transmission circuits existing as of January 1, 2022 (as rows) that were removed or decommissioned in 2022, either partially or entirely. This includes permanent removal, removal of overhead lines that were removed underground, or overhead lines that were decommissioned but not physically removed. Include the following information in separate columns:</p> <ul style="list-style-type: none"> <li>A Circuit name</li> <li>B Circuit ID number</li> <li>C Circuit miles removed or decommissioned in Non-PTD Areas</li> <li>D Circuit miles removed or decommissioned in Other PTD</li> <li>E Circuit miles removed or decommissioned in PTD Tier 2</li> <li>F Circuit miles removed or decommissioned in PTD Tier 3</li> </ul>	Phase was "WMP-Discovery2023_OIR_California_2022-00240401401.xlsx"	Holly Whitman	2/7/2023	3/10/2023	3/10/2023	<a href="https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports">https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports</a>	1	N/A		Grid Design and System Hardening	System Hardening	Work Performed in 2022	N/A
Pre-Discovery 12	CaPA	Sat WMP-03	CaPA_Sat_WMP-03_O5	5	CaPA_Sat_WMP-03_O5	<p>For each WMP initiative listed below, please state how the modeled wildfire Risk Scores for each circuit or circuit-segment influence how work in 2022 is sequenced:</p> <ul style="list-style-type: none"> <li>A EIM</li> <li>B Covered conductor replacement</li> <li>C Undergrounding</li> <li>D Distribution pole replacement</li> <li>E Grid reconfiguration</li> <li>F Detail inspections of distribution assets</li> <li>G Detail inspections of transmission assets</li> <li>H Aerial inspections of distribution assets</li> <li>I Aerial inspections of transmission assets</li> <li>J LEAD inspections of distribution assets</li> <li>K LEAD inspections of transmission assets</li> </ul>	<p>A EIM work in 2022 was informed by a modification of the 2021 Wildfire Distribution Risk Model (WRM). The output from the 2021 WORM is referred to as the EIM Two-Weighted Prioritization. The EIM Two-Weighted Prioritization provides the high-risk CIDs with the associated risks and estimated work to produce the 2022 EIM Score of Risk as described in the 2022 WMP Section 7.1.B. In 2022, the goals for the EIM program were: (1) to perform at least 80% of the 2022 EIM work on the highest 20% of the risk-ranked lines, (2) to perform approximately 1,000 miles of EIM work by the end of the year.</p> <p>B. As described in the 2022 WMP Section 7.3.3.1.1 "System Hardening - Distribution," PG&amp;E targeted the highest wildfire risk lines and applied various mitigations such as the removal, conversion from overhead to underground, application of various safety enhancements, and other measures to reduce the risk of wildfire ignition and spread.</p> <p>C. For 2022, the highest wildfire risk lines were separated into four categories:</p> <ol style="list-style-type: none"> <li>1. The top 20 percent of total segments as defined by PG&amp;E's 2021 WORM v3 for System Hardening.</li> <li>2. Fire and Major Emergency related within PTD.</li> <li>3. PSEP (Public Safety) related.</li> <li>4. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk.</li> </ol> <p>D. As described in the 2022 WMP Section 7.3.3.1.1 "System Hardening - Distribution," PG&amp;E targeted the highest wildfire risk lines and applied various mitigations such as the removal, conversion from overhead to underground, application of various safety enhancements, and other measures to reduce the risk of wildfire ignition and spread.</p> <p>E. The top 20 percent of total segments as defined by PG&amp;E's 2021 WORM v3 for System Hardening.</p> <p>F. Fire and Major Emergency related within PTD.</p> <p>G. PSEP (Public Safety) related.</p> <p>H. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk.</p> <p>The primary approach used for selecting and prioritizing circuit segments for covered conductor installation was based on the 2021 WORM v3. As described in the 2022 WMP Section 7.3.3.1.6 "Table County Rehabilitation Program," PG&amp;E did identify these circuit segments for replacement.</p> <p>I. As described in the 2022 WMP Section 7.3.3.1.6 "Table County Rehabilitation Program," PG&amp;E did identify these circuit segments for replacement.</p> <p>J. As described in the 2022 WMP Section 7.3.3.1.6 "Table County Rehabilitation Program," PG&amp;E did identify these circuit segments for replacement.</p> <p>K. As described in the 2022 WMP Section 7.3.3.1.6 "Table County Rehabilitation Program," PG&amp;E did identify these circuit segments for replacement.</p>	Holly Whitman	2/7/2023	3/10/2023	3/10/2023	<a href="https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports">https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports</a>	0	N/A	2022 WMP Section 7.1	Wildfire Mitigation Strategy Development	N/A	N/A	
Pre-Discovery 13	CaPA	Sat WMP-03	CaPA_Sat_WMP-03_O6	6	CaPA_Sat_WMP-03_O6	<p>For each WMP initiative listed below, please state how the modeled wildfire Risk Scores for each circuit or circuit-segment influence how work in 2022 is sequenced:</p> <ul style="list-style-type: none"> <li>A EIM</li> <li>B Covered conductor replacement</li> <li>C Undergrounding</li> <li>D Distribution pole replacement</li> <li>E Grid reconfiguration</li> <li>F Detail inspections of distribution assets</li> <li>G Detail inspections of transmission assets</li> <li>H Aerial inspections of distribution assets</li> <li>I Aerial inspections of transmission assets</li> <li>J LEAD inspections of distribution assets</li> <li>K LEAD inspections of transmission assets</li> </ul>	<p>A. The EIM Two-Weighted Prioritization having additional factors and leveraging efficiency of handling where possible.</p> <p>B. The circuit segments selected for the installation of covered conductor in the System Hardening program were based on the highest wildfire risk criteria described in response to Question 3(b). To these sequence projects, PG&amp;E assesses the dependencies and readiness of each project based on the stage of the work (e.g., design/procurement, permit acquisition, construction) to appropriately schedule each individual project, as the development time for each project can vary widely. Once projects are in the construction phase, schedules can continue to evolve based on various factors that impact project execution including contractor availability, material availability, construction conditions (e.g., mud/draws), customer preference of timing of reconnection, discovery of hard rock, and/or detection of uncharted existing utility infrastructure.</p> <p>C. After the work for 2022 was planned based on the process described in Q05, the pole replacement sequencing was determined based on each pole's priority, budget, and material readiness, and crew and clearance availability. Wildfire risk scores were not factors in prioritizing projects after prioritization.</p> <p>D. For grid reconfiguration, wildfire risk scores were not factors in determining how work was sequenced.</p> <p>E. In 2022, wildfire risk scores were not factors in how distribution ground inspections were sequenced. Inspections were sequenced based on field conditions including project access, environmental restrictions, permitting constraints and customer readiness.</p> <p>F. In 2022, the overhead transmission assets in the work plan for inspection were each labeled with the average wildfire risk of that circuit for consideration in inspection sequencing. Assets were typically grouped by the execution efficiency of that circuit for consideration in inspection sequencing. Assets were typically grouped by the execution efficiency of that circuit for consideration in inspection sequencing.</p> <p>G. As described in the 2022 WMP Section 6.1.2.1 "Covered Conductor Installation - Distribution," PG&amp;E's System Hardening program, which included targeted CIDs installation, focuses on mitigating potential wildfire risk caused by distribution overhead assets. The System Hardening Program applies various mitigation to circuit segments that have the highest wildfire risk. For 2022, the highest wildfire risk lines are identified using the following categories:</p> <ul style="list-style-type: none"> <li>1. The Risk Based on Wildfire Distribution Risk Model (WRM). The primary approach for selecting system hardening lines used two risk prioritization methodologies: (1) the top 20 percent circuit segments based on the 2021 WORM v3 and (2) the Wildfire Feasibility Efficiency (WFE) revised circuit segments based on the 2022 WORM v3. Overhead hardening was selected where undergrounding was deemed infeasible for the WORM v3 selection.</li> <li>2. Fire and Major Emergency related within PTD.</li> <li>3. PSEP (Public Safety) related.</li> <li>4. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk, such as high-voltage corridors and community risk factors.</li> </ul> <p>H. As described in the 2022 WMP Section 6.1.2.1 "Covered Conductor Installation - Distribution," PG&amp;E's System Hardening program, which included targeted CIDs installation, focuses on mitigating potential wildfire risk caused by distribution overhead assets. The System Hardening Program applies various mitigation to circuit segments that have the highest wildfire risk. For 2022, the highest wildfire risk lines are identified using the following categories:</p> <ul style="list-style-type: none"> <li>1. The Risk Based on Wildfire Distribution Risk Model (WRM). The primary approach for selecting lines used two risk prioritization methodologies: (1) the top 20 percent circuit segments based on the 2021 WORM v3 and (2) the WFE-revised circuit segments based on the 2022 WORM v3 and considering undergrounding feasibility. Both approaches used to select undergrounding projects represent approximately 70 percent of total wildfire risk.</li> <li>2. Fire and Major Emergency related within PTD.</li> <li>3. PSEP (Public Safety) related.</li> <li>4. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk, such as high-voltage corridors and community risk factors.</li> </ul> <p>I. The Rehab - Underpinning electric distribution lines within areas and communities that are resulting in the aftermath of wildfire events. The Rehab team typically results from the use of a decision tree to determine the type of distribution lines to be removed and occurs in areas that have been impacted by an actual wildfire that may include fire-impacted areas in both PTD and non-PTD.</p> <p>J. The Rehab - Underpinning electric distribution lines within areas and communities that are resulting in the aftermath of wildfire events. The Rehab team typically results from the use of a decision tree to determine the type of distribution lines to be removed and occurs in areas that have been impacted by an actual wildfire that may include fire-impacted areas in both PTD and non-PTD.</p> <p>K. PSEP (Public Safety) Projects identified that would cause PSEP customer impacts.</p> <p>L. As described in the 2022 WMP Section 6.1.2.1 "Covered Conductor Installation - Distribution," PG&amp;E's System Hardening program, which included targeted CIDs installation, focuses on mitigating potential wildfire risk caused by distribution overhead assets. The System Hardening Program applies various mitigation to circuit segments that have the highest wildfire risk. For 2022, the highest wildfire risk lines are identified using the following categories:</p> <ul style="list-style-type: none"> <li>1. The Risk Based on Wildfire Distribution Risk Model (WRM). The primary approach for selecting system hardening lines used two risk prioritization methodologies: (1) the top 20 percent circuit segments based on the 2021 WORM v3 and (2) the Wildfire Feasibility Efficiency (WFE) revised circuit segments based on the 2022 WORM v3. Overhead hardening was selected where undergrounding was deemed infeasible for the WORM v3 selection.</li> <li>2. Fire and Major Emergency related within PTD.</li> <li>3. PSEP (Public Safety) related.</li> <li>4. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk, such as high-voltage corridors and community risk factors.</li> </ul>	Holly Whitman	2/7/2023	3/10/2023	3/10/2023	<a href="https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports">https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports</a>	0	N/A	7.2	Wildfire Mitigation Strategy Development	Wildfire Mitigation Strategy	N/A	
Pre-Discovery 15	CaPA	Sat WMP-03	CaPA_Sat_WMP-03_O8	8	CaPA_Sat_WMP-03_O8	<p>For each WMP initiative listed below, please state how the modeled wildfire Risk Scores for each circuit or circuit-segment influence how work in 2022 will be sequenced:</p> <ul style="list-style-type: none"> <li>A EIM</li> <li>B Covered conductor replacement</li> <li>C Undergrounding</li> <li>D Distribution pole replacement</li> <li>E Grid reconfiguration</li> <li>F Detail inspections of distribution assets</li> <li>G Detail inspections of transmission assets</li> <li>H Aerial inspections of distribution assets</li> <li>I Aerial inspections of transmission assets</li> <li>J LEAD inspections of distribution assets</li> <li>K LEAD inspections of transmission assets</li> </ul>	<p>A. The EIM Two-Weighted Prioritization having additional factors and leveraging efficiency of handling where possible.</p> <p>B. The circuit segments selected for the installation of covered conductor in the System Hardening program were based on the highest wildfire risk criteria described in response to Question 3(b). To these sequence projects, PG&amp;E assesses the dependencies and readiness of each project based on the stage of the work (e.g., design/procurement, permit acquisition, construction) to appropriately schedule each individual project, as the development time for each project can vary widely. Once projects are in the construction phase, schedules can continue to evolve based on various factors that impact project execution including contractor availability, material availability, construction conditions (e.g., mud/draws), customer preference of timing of reconnection, discovery of hard rock, and/or detection of uncharted existing utility infrastructure.</p> <p>C. After the work for 2022 was planned based on the process described in response to Q05 part C, the pole replacement sequencing is determined based on each pole's priority, budget, and material readiness, and crew and clearance availability. Wildfire risk scores were not factors in prioritizing projects after prioritization.</p> <p>D. For grid reconfiguration, wildfire risk scores were not factors in determining how work was sequenced.</p> <p>E. In 2022, wildfire risk scores were not factors in how distribution ground inspections were sequenced. Inspections were sequenced based on field conditions including project access, environmental restrictions, permitting constraints and customer readiness.</p> <p>F. In 2022, the overhead transmission assets in the work plan for inspection were each labeled with the average wildfire risk of that circuit for consideration in inspection sequencing. Assets were typically grouped by the execution efficiency of that circuit for consideration in inspection sequencing.</p> <p>G. As described in the 2022 WMP Section 6.1.2.1 "Covered Conductor Installation - Distribution," PG&amp;E's System Hardening program, which included targeted CIDs installation, focuses on mitigating potential wildfire risk caused by distribution overhead assets. The System Hardening Program applies various mitigation to circuit segments that have the highest wildfire risk. For 2022, the highest wildfire risk lines are identified using the following categories:</p> <ul style="list-style-type: none"> <li>1. The Risk Based on Wildfire Distribution Risk Model (WRM). The primary approach for selecting system hardening lines used two risk prioritization methodologies: (1) the top 20 percent circuit segments based on the 2021 WORM v3 and (2) the Wildfire Feasibility Efficiency (WFE) revised circuit segments based on the 2022 WORM v3. Overhead hardening was selected where undergrounding was deemed infeasible for the WORM v3 selection.</li> <li>2. Fire and Major Emergency related within PTD.</li> <li>3. PSEP (Public Safety) related.</li> <li>4. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk, such as high-voltage corridors and community risk factors.</li> </ul> <p>H. As described in the 2022 WMP Section 6.1.2.1 "Covered Conductor Installation - Distribution," PG&amp;E's System Hardening program, which included targeted CIDs installation, focuses on mitigating potential wildfire risk caused by distribution overhead assets. The System Hardening Program applies various mitigation to circuit segments that have the highest wildfire risk. For 2022, the highest wildfire risk lines are identified using the following categories:</p> <ul style="list-style-type: none"> <li>1. The Risk Based on Wildfire Distribution Risk Model (WRM). The primary approach for selecting lines used two risk prioritization methodologies: (1) the top 20 percent circuit segments based on the 2021 WORM v3 and (2) the WFE-revised circuit segments based on the 2022 WORM v3 and considering undergrounding feasibility. Both approaches used to select undergrounding projects represent approximately 70 percent of total wildfire risk.</li> <li>2. Fire and Major Emergency related within PTD.</li> <li>3. PSEP (Public Safety) related.</li> <li>4. Locations identified by PG&amp;E's Public Safety Specialist (PSS) team as presenting elevated wildfire risk, such as high-voltage corridors and community risk factors.</li> </ul> <p>I. The Rehab - Underpinning electric distribution lines within areas and communities that are resulting in the aftermath of wildfire events. The Rehab team typically results from the use of a decision tree to determine the type of distribution lines to be removed and occurs in areas that have been impacted by an actual wildfire that may include fire-impacted areas in both PTD and non-PTD.</p> <p>J. The Rehab - Underpinning electric distribution lines within areas and communities that are resulting in the aftermath of wildfire events. The Rehab team typically results from the use of a decision tree to determine the type of distribution lines to be removed and occurs in areas that have been impacted by an actual wildfire that may include fire-impacted areas in both PTD and non-PTD.</p> <p>K. PSEP (Public Safety) Projects identified that would cause PSEP customer impacts.</p>	Holly Whitman	2/7/2023	3/10/2023	3/10/2023	<a href="https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports">https://www.pge.com/pge_info/information/infocenter/wildfire/wildfire-incident-reports</a>	0	N/A	7.2	Wildfire Mitigation Strategy Development	Wildfire Mitigation Strategy	N/A	













41	CaPA	Sat WMP-09	CaPA_Set WMP-09_10	10	CaPA_Set WMP-09_10	<p>9.242 of PG&amp;E's WMP plans. In July 2021, PG&amp;E launched a multi-year program to underground 10,000 distribution circuit miles in high wildfire risk areas.</p> <p>1) Did the 2021 environmental or air quality undergrounding program, has PG&amp;E performed any studies to determine whether the planned scope of 10,000 circuit miles should be reduced?</p> <p>2) Please provide any available mitigation, program, or mitigation permit to your answer to part (1).</p> <p>3) If the answer to part (1) is no, please explain why not.</p> <p>4) Does PG&amp;E plan to perform any studies or analyses during the 2023-2025 WMP period to determine whether 10,000 circuit miles is still the appropriate scope to target for undergrounding?</p> <p>5) If the answer to part (1) is yes, please describe the planned scope and timing of such studies.</p> <p>6) If the answer to part (1) is no, please explain why not.</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	2	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
43	CaPA	Sat WMP-09	CaPA_Set WMP-09_12	12	CaPA_Set WMP-09_12	<p>1) What is PG&amp;E's current forecast cost per circuit mile for undergrounding projects completed in the second half of 2022?</p> <p>2) Please provide worksheets to support your answer to part (1).</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
44	CaPA	Sat WMP-09	CaPA_Set WMP-09_13	13	CaPA_Set WMP-09_13	<p>1) What is PG&amp;E's forecast RISE for undergrounding completed in the second half of 2022?</p> <p>2) Please provide worksheets to support your answer to part (1).</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	1	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
45	CaPA	Sat WMP-10	CaPA_Set WMP-10_1	1	CaPA_Set WMP-10_1	<p>Table 8-3 on p. 332 of PG&amp;E's WMP plans that PG&amp;E will make capable for Down Conductor Detection (DCD).</p> <p>1) How many miles of DCD are planned for 2023, 2024, and 2025?</p> <p>2) Please explain the reasoning for the decreasing number of devices made capable for DCD from 2023-2025.</p> <p>3) Approximately how many circuit miles in the WFTG will be protected by DCD at the end of 2023?</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.2	Grid Design, Operations, and Maintenance	Tariffs	N/A
49	CaPA	Sat WMP-10	CaPA_Set WMP-10_02	2	CaPA_Set WMP-10_02	<p>Table 8-3 on p. 338 of PG&amp;E's WMP plans forecast a reduction in the number of EPSS events during one of the last forecast scenarios from 2023 to 2025.</p> <p>1) What factors does PG&amp;E expect to contribute to the reduction in the number of EPSS events discussed earlier?</p> <p>2) Why is PG&amp;E's forecast reduction in the number of EPSS events across the 2023-2025 period?</p> <p>3) Please provide any available worksheets that support PG&amp;E's forecasts regarding the number of EPSS events annually - 2023-2025.</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.3	Grid Design, Operations, and Maintenance	Performance Metrics Identified by the Executive Corporation	N/A
50	CaPA	Sat WMP-10	CaPA_Set WMP-10_03	3	CaPA_Set WMP-10_03	<p>1) Does PG&amp;E forecast a change in the average duration of EPSS events during the 2023-2025 period?</p> <p>2) If the answer to part (1) is yes, provide the expected average duration of EPSS events in 2023, 2024, and 2025.</p> <p>3) If the answer to part (1) is no, explain why not.</p> <p>4) Please provide any available worksheets that support PG&amp;E's forecasts regarding the duration of EPSS events in 2023-2025.</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.3	Grid Design, Operations, and Maintenance	Performance Metrics Identified by the Executive Corporation	N/A
51	CaPA	Sat WMP-10	CaPA_Set WMP-10_04	4	CaPA_Set WMP-10_04	<p>1) 358 of PG&amp;E's WMP plans, with regard to DTS-F&amp;ST.</p> <p>2) What factors does PG&amp;E expect to contribute to the reduction in the number of EPSS events discussed earlier?</p> <p>3) Why is PG&amp;E's forecast reduction in the number of EPSS events across the 2023-2025 period?</p> <p>4) Please provide any available worksheets that support PG&amp;E's forecasts regarding the number of EPSS events annually - 2023-2025.</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.2.2	Grid Design and System Hardening	Emerging Grid Hardening Technology Initiatives and Pilots	N/A
52	CaPA	Sat WMP-10	CaPA_Set WMP-10_05	5	CaPA_Set WMP-10_05	<p>1) 337 of PG&amp;E's WMP plans, "As deployed, DTS-F&amp;ST could have a significant impact on wildfire risk where deployed."</p> <p>2) Please quantify the phrase "As deployed, DTS-F&amp;ST could have a significant impact on wildfire risk" in the above quote.</p> <p>3) Please provide any worksheets or studies to support your answer to part (1).</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.2.1	Grid Design and System Hardening	Emerging Grid Hardening Technology Initiatives and Pilots	N/A
53	CaPA	Sat WMP-10	CaPA_Set WMP-10_06	6	CaPA_Set WMP-10_06	<p>1) 464 of PG&amp;E's WMP plans, "In 2022, we reduced the Customer Average Interruption Duration Index (CAIDI) and Customer Experience a Sustained Change (CESO) for customers served by EPSS-capable lines when compared to data from the 2021 program year."</p> <p>2) Please provide the CAIDI values for all DTS customers for each year from 2019-2022.</p> <p>3) Please provide the CESO values for all DTS customers for each year from 2019-2022.</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	1	N/A	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk	N/A
54	CaPA	Sat WMP-10	CaPA_Set WMP-10_07	7	CaPA_Set WMP-10_07	<p>1) 464 of PG&amp;E's WMP plans, "By the end of 2022, we responded to 89 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes."</p> <p>2) Please describe how the 42-minute figure is an average of response times in a two-part period of time?</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk	N/A
55	CaPA	Sat WMP-10	CaPA_Set WMP-10_08	8	CaPA_Set WMP-10_08	<p>1) 464 of PG&amp;E's WMP plans, "By the end of 2022, we responded to 89 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes." For all outages on EPSS-enabled lines in 2022, provide the following:</p> <p>2) Average response time</p> <p>3) 20th percentile response time</p> <p>4) Median (50th percentile) response time</p> <p>5) 75th percentile response time</p> <p>6) Longest response time</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk	N/A
56	CaPA	Sat WMP-10	CaPA_Set WMP-10_09	9	CaPA_Set WMP-10_09	<p>1) 464 of PG&amp;E's WMP plans, "By the end of 2022, we responded to 89 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes." For all outages on EPSS-enabled lines in 2022, provide the following:</p> <p>2) Average response time</p> <p>3) 20th percentile response time</p> <p>4) Median (50th percentile) response time</p> <p>5) 75th percentile response time</p> <p>6) Longest response time</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk	N/A
57	CaPA	Sat WMP-10	CaPA_Set WMP-10_10	10	CaPA_Set WMP-10_10	<p>1) 441 of PG&amp;E's WMP plans, "We plan to implement a DTS quality assurance program for systems inspections."</p> <p>2) Please discuss the program PG&amp;E has made as for implementing a CA program for systems inspections.</p> <p>3) Please describe the main features of the CA program that PG&amp;E plans to implement.</p> <p>4) What are the primary initiatives of the CA program that PG&amp;E plans to implement?</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.1.1	Quality Assurance and Quality Control	Quality Assurance	N/A
58	CaPA	Sat WMP-10	CaPA_Set WMP-10_11	11	CaPA_Set WMP-10_11	<p>1) 441 of PG&amp;E's WMP plans, "We plan to update existing DTS quality verification procedures for systems inspections."</p> <p>2) Please discuss the program PG&amp;E has made as for updating existing DTS quality verification procedures for systems inspections.</p> <p>3) When does PG&amp;E expect to complete its update to existing DTS quality verification procedures for systems inspections?</p> <p>4) Please describe how the program updates will improve PG&amp;E's existing DTS procedures.</p>	Holly Whitman	4/4/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a> <a href="https://www.pge.com/efw_gbl/efw/undergrounding/">https://www.pge.com/efw_gbl/efw/undergrounding/</a>	0	N/A	8.1.1	Quality Assurance and Quality Control	Quality Assurance	N/A















188	CaPA	Set WMP-15	CaPA_Set WMP-15	19	CaPA_Set WMP-15_C19	<p>9) Please see the updated table which includes forecast costs for each EIM transitional program. These programs were not active in 2022 therefore actual costs are not available.</p> <p>ACT FICSE FICSE 2022-2024 The Budget: \$ 106,120 \$ 100,617 \$ 98,112 CUB \$ 55,071 \$ 50,143 \$ 47,382 BWA Transitional Programs NA \$ 100,257 \$ 158,360 NA Operations/Programs NA \$ 2,212 \$ 2,132 Free Resource Inventory \$ 53,434 \$ 52,121 Free Resources \$ 10,453 \$ 10,342 \$ 10,342 Reserve NA \$ 607,715 \$ 711,944 \$ 594,225 Free Energy \$ 23,532 \$ 20,500 \$ 20,500 Totals \$ 1,335,440 \$ 988,918 \$ 974,007</p> <p>10) The difference of \$31,522,000 between 2022 and 2023 is achieved due to the completion of the EIM program. These reductions are reflected in the Vegetation Management (VM) Supplemental Testimony submitted in February 2022. A full efficiency of \$24,461,000 between 2022 and 2024 will be a revenue factor. In how PG&amp;E will address the reduction in VM between 2022 and 2024 these three programs: (1) reducing the amount of Reserve VM, (2) reducing each year's reserve VM in the amount of emerging VMs identified, and (3) reducing VM costs through efficiency over the rate case period through targeted programmatic adjustments that refine processes and improve resource efficiency for all operations.</p> <p>11) When individual trees are identified as needing work, they are packaged into a work request that may contain multiple trees on the same record. The work identified is then cut and completed as a project. Individual trees and individual work items would be a subset of our resources. PG&amp;E tracks on a project level basis providing a forecast date of <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>.</p>	Holly Whitman	4/11/2023	4/14/2023	4/14/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.2.5.2	Vegetation Management and Inspections	Quality Control	N/A
189	CaPA	Set WMP-15	CaPA_Set WMP-15	20	CaPA_Set WMP-15_C20	<p>12) PG&amp;E does not have a plan to develop a source for tracking planned work done for individual trees.</p> <p>13) When individual trees are identified as needing work, they are packaged into a work request that may contain multiple trees on the same record. The work identified is then cut and completed as a project. Individual trees and individual work items would be a subset of our resources. PG&amp;E tracks on a project level basis providing a forecast date of <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>.</p>	Holly Whitman	4/11/2023	4/14/2023	4/14/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.2.4	Vegetation Management and Inspections	Falls in Mitigation	N/A
190	CaPA	Set WMP-16	CaPA_Set WMP-16	1	CaPA_Set WMP-16_C1	<p>Regarding PG&amp;E's SCADA Underground (UG) Switches: a) Please explain PG&amp;E's selection procedure for creating a SCADA ILC which is emergent and de-energizes a circuit or circuit segment. b) Please explain PG&amp;E's selection procedure for other documentation related to your response to part (a). c) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a normally closed switch, the switch is returned to its normally closed position during switching. d) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a normally open switch, the switch is returned to its normally open position during switching.</p>	Holly Whitman	4/18/2023	4/21/2023	4/21/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	2	NA	8.1.2.2	Grid Design and System Hardening	Underground of Electric Lines and/or Equipment	N/A
200	CaPA	Set WMP-16	CaPA_Set WMP-16	5	CaPA_Set WMP-16_C5	<p>Please explain PG&amp;E's selection criteria for where to install the following equipment on underground circuits: a) Phase-mounted transformers b) Substation transformers</p>	Holly Whitman	4/18/2023	4/21/2023	4/21/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.1.2.2	Grid Design and System Hardening	Underground of Electric Lines and/or Equipment	N/A
197	CaPA	Set WMP-16	CaPA_Set WMP-16	2	CaPA_Set WMP-16_C2	<p>Regarding PG&amp;E's Load Break (LB) Switches: a) Please explain PG&amp;E's selection procedure for creating a load break allow in a vault to energize or de-energize a circuit or circuit segment. b) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after opening a circuit segment, the switch is returned to its normally open position during switching. c) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a circuit segment in a load break allow that is normally in an open position, the circuit segment is returned to its normally open position during switching.</p>	Holly Whitman	4/18/2023	4/21/2023	4/21/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.1.2.10.3	Grid Design and System Hardening	Mirror Switch Operator Switch Replacement	N/A
198	CaPA	Set WMP-16	CaPA_Set WMP-16	3	CaPA_Set WMP-16_C3	<p>Regarding PG&amp;E's Junction Boxes: a) Please explain in detail PG&amp;E's operating procedure for operating a junction box in a vault to energize or de-energize a circuit or circuit segment. b) Please explain PG&amp;E's selection procedure for other documentation related to your response to part (a). c) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a circuit segment on a junction box that is normally in an open position, the circuit segment is returned to its normally open position during switching. d) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a circuit segment on a junction box that is normally in a closed position, the circuit segment is returned to its normally closed position during switching.</p>	Holly Whitman	4/18/2023	4/21/2023	4/21/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.1.2.10	Grid Design and System Hardening	Other Grid Technology Improvements to Minimize Risk of System	N/A
199	CaPA	Set WMP-16	CaPA_Set WMP-16	4	CaPA_Set WMP-16_C4	<p>Regarding PG&amp;E's Junction Boxes: a) Please explain in detail PG&amp;E's operating procedure for operating a junction box in a vault to energize or de-energize a circuit or circuit segment. b) Please explain PG&amp;E's selection procedure for other documentation related to your response to part (a). c) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a circuit segment on a junction box that is normally in an open position, the circuit segment is returned to its normally open position during switching. d) Please explain in detail PG&amp;E's operating procedure, from start to finish, for the following operation: after closing a circuit segment on a junction box that is normally in a closed position, the circuit segment is returned to its normally closed position during switching.</p>	Holly Whitman	4/18/2023	4/21/2023	4/21/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.1.2	Grid Design and System Hardening	Other Grid Technology Improvements to Minimize Risk of System	N/A
201	CaPA	Set WMP-16	CaPA_Set WMP-16	6	CaPA_Set WMP-16_C6	<p>For each of the underground projects that PG&amp;E has planned for 2023, please answer the following questions on each project: a) How many SCADA underground switches will be installed? b) How many switches in adjacent circuits currently exist? c) How many of the switches in adjacent circuits will be removed? d) How many SCADA underground switches will be installed on the project? e) How many SCADA overhead switches will be removed? f) How many SCADA overhead switches will be installed on the project to adjust capacity? g) How many SCADA underground switches will be installed for backfeeding? h) How many SCADA overhead switches will be installed for backfeeding? i) How many SCADA overhead switches will be installed for backfeeding? j) How many SCADA overhead switches will be installed for backfeeding? k) How many SCADA overhead switches will be installed for backfeeding? l) How many SCADA overhead switches will be installed for backfeeding? m) How many SCADA overhead switches will be installed for backfeeding? n) How many SCADA overhead switches will be installed for backfeeding? o) How many SCADA overhead switches will be installed for backfeeding? p) How many SCADA overhead switches will be installed for backfeeding? q) How many SCADA overhead switches will be installed for backfeeding? r) How many SCADA overhead switches will be installed for backfeeding? s) How many SCADA overhead switches will be installed for backfeeding? t) How many SCADA overhead switches will be installed for backfeeding? u) How many SCADA overhead switches will be installed for backfeeding? v) How many SCADA overhead switches will be installed for backfeeding? w) How many SCADA overhead switches will be installed for backfeeding? x) How many SCADA overhead switches will be installed for backfeeding? y) How many SCADA overhead switches will be installed for backfeeding? z) How many SCADA overhead switches will be installed for backfeeding?</p>	Holly Whitman	4/18/2023	4/21/2023	4/21/2023	<a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a> <a href="https://www.pge.com/eng_gdbs/forecast/forecast.html">https://www.pge.com/eng_gdbs/forecast/forecast.html</a>	0	NA	8.1.2.2	Grid Design and System Hardening	Underground of Electric Lines and/or Equipment	N/A





200	CaPA	Sat WMP-18	CaPA_Sat_WMP-18	50	CaPA_Sat_WMP-18_C5(a)	<p>In response to question 100(b)(ii) of CalAdvisories PG&amp;E-2022WMP-18, PG&amp;E address the difference in projected vegetation management costs of \$24.8M (2022) between 2023 and 2024 is due to several factors, including:</p> <ul style="list-style-type: none"> <li>(1) PG&amp;E will increase the amount of Routine VM work conducted each year commensurate with the amount of undergrounding programmatic adjustments that will be processed and improve response efficiency.</li> <li>(2) PG&amp;E will increase the amount of Routine VM work conducted each year commensurate with the amount of undergrounding programmatic adjustments that will be processed and improve response efficiency.</li> <li>(3) PG&amp;E will increase the amount of Routine VM work conducted each year commensurate with the amount of undergrounding programmatic adjustments that will be processed and improve response efficiency.</li> </ul> <p>1) Please provide the following information about anticipated VM cost reductions from undergrounding in the below table:</p> <p>Year: 2023, 2024, 2025</p> <p>Number of Underwriting Miles to be Completed</p> <p>Planned reduction in Number of Routine VM Miles</p> <p>Amount of Routine VM Cost Savings from Undergrounding (\$M)</p> <p>2023</p> <p>2024</p> <p>2025</p> <p>2023 300 Miles</p> <p>Planned for 2023</p> <p>2024</p> <p>2025</p> <p>Through we do anticipate a reduction in Routine VM work in 2023 and 2024, and second period driven by lines</p>	Holly Whitman	4/24/2023	4/28/2023	4/28/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control	N/A	
201	CaPA	Sat WMP-18	CaPA_Sat_WMP-18	6	CaPA_Sat_WMP-18_C6	<p>In response to question 100(b)(ii) of CalAdvisories PG&amp;E-2022WMP-18, PG&amp;E address the difference in projected vegetation management costs of \$24.8M (2022) between 2023 and 2024 is due to several factors, including:</p> <ul style="list-style-type: none"> <li>(1) PG&amp;E will increase the amount of Routine VM work conducted each year commensurate with the amount of undergrounding programmatic adjustments that will be processed and improve response efficiency.</li> <li>(2) PG&amp;E will increase the amount of Routine VM work conducted each year commensurate with the amount of undergrounding programmatic adjustments that will be processed and improve response efficiency.</li> <li>(3) PG&amp;E will increase the amount of Routine VM work conducted each year commensurate with the amount of undergrounding programmatic adjustments that will be processed and improve response efficiency.</li> </ul> <p>1) Please provide the following information about anticipated VM cost reductions from undergrounding in the below table:</p> <p>Year: 2023, 2024, 2025</p> <p>Number of Underwriting Miles to be Completed</p> <p>Planned reduction in Number of Routine VM Miles</p> <p>Amount of Routine VM Cost Savings from Undergrounding (\$M)</p> <p>2023</p> <p>2024</p> <p>2025</p> <p>2023 300 Miles</p> <p>Planned for 2023</p> <p>2024</p> <p>2025</p> <p>Through we do anticipate a reduction in Routine VM work in 2023 and 2024, and second period driven by lines</p>	Holly Whitman	4/24/2023	4/27/2023	4/27/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control	N/A	
202	CaPA	Sat WMP-18	CaPA_Sat_WMP-18	7	CaPA_Sat_WMP-18_C7	<p>WMP Initiative Number: 2022</p> <p>Initiative Name: 2022</p> <p>Capital Expenditure (Actual): 2022</p> <p>Operating Expenditure (Forecast): 2024</p> <p>Capital Expenditure (Forecast): 2024</p> <p>Operating Expenditure (Actual): 2022</p> <p>Operating Expenditure (Forecast): 2024</p> <p>PG&amp;E Operating Expenditure (Forecast): 2024</p>	Holly Whitman	4/24/2023	4/27/2023	4/27/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.2	Vegetation Management and Inspections	N/A	N/A	
210	CaPA	Sat WMP-19	CaPA_Sat_WMP-19	12	CaPA_Sat_WMP-19_C12	<p>Attachment 1 to PG&amp;E's response to data request CalAdvisories PG&amp;E-2022WMP-19 states that on November 18, 2019, an infrared inspection indicated that a pole had 10% remaining strength. On January 14, 2020, the engineer issued a priority E tag to replace the pole by January 13, 2021.</p> <p>1) Why was the tag for the above pole created approximately two months after the initial finding?</p> <p>2) Describe any actions that PG&amp;E took between November 18, 2019 and January 14, 2020 to address the safety of the pole related above.</p> <p>3) Why was the tag created with a one-year deadline based on the tag creation date, rather than a deadline based on the date of the initial finding? Please explain your answer.</p> <p>4) How is priority E tag the appropriate priority level in this instance? Why or why not?</p>	Holly Whitman	4/20/2023	4/20/2023	4/20/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.1.2.3	Asset Inspections	Infrared Pole Inspections	N/A	
219	CaPA	Sat WMP-19	CaPA_Sat_WMP-19	1	CaPA_Sat_WMP-19_C1	<p>Phase 1a PG&amp;E's expected average useful life for a given installation of the following technologies:</p> <p>a) DCDC</p> <p>b) REFLC</p>	Holly Whitman	4/20/2023	4/28/2023	4/28/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.1	DCI	Grid Design, Operations, and Maintenance	Overhead Conductor Detection, Overhead Pole Pad Corner Luster	N/A
220	CaPA	Sat WMP-19	CaPA_Sat_WMP-19	2	CaPA_Sat_WMP-19_C2	<p>a) In 2023, what is the average per-circuit-mile cost that PG&amp;E expects to incur for asset inspection and maintenance for a covered conductor distribution line installed in the HFTD?</p> <p>b) In 2023, what is the average per-circuit-mile cost that PG&amp;E expects to incur for asset inspection and maintenance for an underground distribution line installed in the HFTD?</p> <p>c) In 2023, what is the average per-circuit-mile cost that PG&amp;E expects to incur for asset inspection and maintenance for a bare distribution line installed in the HFTD?</p> <p>1) Please state the assumptions and limitations of your estimates for parts (a) through (c).</p>	Holly Whitman	4/20/2023	4/28/2023	4/28/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.1.1	Asset Management and Inspection Enterprise System(s)	N/A	N/A	
261	CaPA	Sat WMP-19	CaPA_Sat_WMP-19	3	CaPA_Sat_WMP-19_C3	<p>a) In 2023, what is the average per-circuit-mile cost that PG&amp;E expects to incur for asset inspection and maintenance for a covered conductor distribution line installed in the HFTD?</p> <p>b) In 2023, what is the average per-circuit-mile cost that PG&amp;E expects to incur for asset inspection and maintenance for an underground distribution line installed in the HFTD?</p> <p>c) In 2023, what is the average per-circuit-mile cost that PG&amp;E expects to incur for asset inspection and maintenance for a bare distribution line installed in the HFTD?</p> <p>1) Please state the assumptions and limitations of your estimates for parts (a) through (c).</p>	Holly Whitman	4/20/2023	4/28/2023	4/28/2023	<p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p> <p><a href="https://www.pge.com/our_work/undergrounding">https://www.pge.com/our_work/undergrounding</a></p>	0	N/A	8.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening	N/A	

201	CaPA	Sat WMP-19	CaPA_Sat WMP-19	30x1	CaPA_Sat WMP-19_C03x1	<p>a) State the total costs that PG&amp;E incurred in 2022 for asset inspections and maintenance on covered conductor distribution lines included in the HFTD?</p> <p>b) State the total number of circuit-mile of covered conductor distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&amp;E incurred in 2022 for asset inspections and maintenance on underground distribution lines included in the HFTD?</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p> <p>e) State the total number of circuit-miles of overhead distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p> <p>f) State the total number of circuit-miles of overhead distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p> <p>g) State the total number of circuit-miles of overhead distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p> <p>h) State the total number of circuit-miles of overhead distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p> <p>i) State the total number of circuit-miles of overhead distribution lines that PG&amp;E had in the HFTD as of January 1, 2022.</p>	Holly Wetman	4/25/2023	5/10/2023	5/10/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/overhead-conductor-distribution-lines-included-in-the-hftd">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/overhead-conductor-distribution-lines-included-in-the-hftd</a>	0	N/A	6.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening	N/A
202	CaPA	Sat WMP-19	CaPA_Sat WMP-19	4	CaPA_Sat WMP-19_C04	<p>a) In 2022, what is the average per-circuit-mile cost that PG&amp;E expects to incur for vegetation management for an overhead distribution line included in the HFTD?</p> <p>b) In 2022, what is the average per-circuit-mile cost that PG&amp;E expects to incur for vegetation management for an underground distribution line included in the HFTD?</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/vegetation-management">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/vegetation-management</a>	0	N/A	8.2	Vegetation Management and Inspections	N/A	N/A
203	CaPA	Sat WMP-19	CaPA_Sat WMP-19	5	CaPA_Sat WMP-19_C05	<p>a) State the total costs that PG&amp;E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&amp;E had in the HFTD in 2022.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/vegetation-management">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/vegetation-management</a>	0	N/A	8.2	Vegetation Management and Inspections	N/A	N/A
204	CaPA	Sat WMP-19	CaPA_Sat WMP-19	6	CaPA_Sat WMP-19_C06	<p>a) Please describe the vegetation management activities that PG&amp;E currently undertakes on rights-of-way with underground lines in the HFTD.</p> <p>b) Please describe any changes PG&amp;E plans to make during the 2023-2025 WMP period regarding the vegetation management activities that PG&amp;E plans to undertake on rights-of-way with underground lines in the HFTD.</p> <p>c) Please provide any projects, procedures, or materials that PG&amp;E expects to use for vegetation management when PG&amp;E has underground lines in the HFTD.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/vegetation-management">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/vegetation-management</a>	0	N/A	8.2	Vegetation Management and Inspections	N/A	N/A
205	CaPA	Sat WMP-19	CaPA_Sat WMP-19	7	CaPA_Sat WMP-19_C07	<p>Pages 404-452 of PG&amp;E's WMP describe PG&amp;E's plan to reduce the backing of open distribution work orders. As part of this plan, PG&amp;E states that it plans to eliminate the ignition-risk backlog by the end of 2022, and the notification backlog by the end of 2023.</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) When does PG&amp;E expect to eliminate the backlog of ignition-risk distribution work orders that exist outside the HFTD?</p> <p>3) When does PG&amp;E expect to eliminate the backlog of notification-risk distribution work orders that exist outside the HFTD?</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	8.1, 8.2	Open Work Orders	Open Work Orders - Distribution Tags	N/A
206	CaPA	Sat WMP-19	CaPA_Sat WMP-19	8	CaPA_Sat WMP-19_C08	<p>Page 454 of PG&amp;E's WMP states, "We divide remaining notifications into two groups: (1) ignition risk notifications in the HFTD/DFMAs, and (2) non-ignition risk notifications in the HFTD/DFMAs."</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) Are there circumstances where a tag is a "non-ignition risk tag" but still poses other public safety hazards?</p> <p>3) If the answer to part (b) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	8.1, 8.2	Open Work Orders	Open Work Orders - Distribution Tags	N/A
207	CaPA	Sat WMP-19	CaPA_Sat WMP-19	9	CaPA_Sat WMP-19_C09	<p>Page 503 of PG&amp;E's WMP references an external study that states, "For the weather programs, it may be necessary to update the underlying program to better align with the program or to better align with the program or to better align with the program."</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p> <p>3) Yes, this is not our routine program.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-10 - Justification of Weather Station Network Density	N/A
208	CaPA	Sat WMP-19	CaPA_Sat WMP-19	10	CaPA_Sat WMP-19_C10	<p>Table PG&amp;E-CC-11-3 on page 922 of PG&amp;E's WMP lists the components of the covered conductor installation. In our comparison with the other CCAs as part of the Joint O&amp;M Review, we did not include the components that make up the Covered Conductor Installation (CCI) in our comparison with the other CCAs as part of the Joint O&amp;M Review.</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-11 - Covered Conductors Effective Lessons Learned	N/A
209	CaPA	Sat WMP-19	CaPA_Sat WMP-19	11	CaPA_Sat WMP-19_C11	<p>Pages 918-923 of PG&amp;E's WMP describe PG&amp;E's selected wildfire risk assessment (SWIRSE) used to identify its underground programs.</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p> <p>3) Yes, this is not our routine program.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-14 - Review Process of Posturing Wildfire Mitigation	N/A
210	CaPA	Sat WMP-19	CaPA_Sat WMP-19	12	CaPA_Sat WMP-19_C12	<p>The PG&amp;E Independent Member Status Update Report by Fluor Energy Partners on October 4, 2022, page 9 states:</p> <p>"During the review, the ISM reviewed data provided by PG&amp;E related to PG&amp;E's Underground Transmission asset risk and the average age of PG&amp;E's Underground Transmission assets. For example, 60% of the type of PG&amp;E's Underground Transmission assets are beyond its useful life (UL)."</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	8.1, 8.2, 5	Grid Design and System Hardening	Traditional Overhead Hardening - Transmission Conductor and Distribution	N/A
211	CaPA	Sat WMP-19	CaPA_Sat WMP-19	13	CaPA_Sat WMP-19_C13	<p>Page 9 of the ISM report further states, "PG&amp;E also states in its internal report published in May 2022 that underground transmission programs are risk-based."</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	8.1, 8.2, 5	Grid Design and System Hardening	Traditional Overhead Hardening - Transmission Conductor and Distribution	N/A
212	CaPA	Sat WMP-19	CaPA_Sat WMP-19	14	CaPA_Sat WMP-19_C14	<p>On April 13, 2023, Chief Architectural met with a Senior Director of Grid Research Innovation and Development at PG&amp;E. During this meeting, PG&amp;E stated that REFCL is not a suitable product.</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	8.1, 8.1.1, 3.1	Grid Design, Operations, and Maintenance	8.1.1.3.1.3 Repeat Earth Fault Current Limiter	N/A
213	CaPA	Sat WMP-19	CaPA_Sat WMP-19	15	CaPA_Sat WMP-19_C15	<p>4) How PG&amp;E performed a study to evaluate the combined effectiveness of one or more combinations of covered conductor, EPSS, DSD, PCD, and REFCL in mitigating wildfires, when installed on distribution circuits in the HFTD. If the answer to part (a) is no, please explain why not.</p> <p>5) If the answer to part (a) is yes, please provide the results of your study? Provide the timeline for initiating and completing the study.</p> <p>6) If the answer to part (a) is yes, please provide the results of your study, including any reports, workshops, or other work products.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	8.1, 8.2	Grid Design and System Hardening	Various	N/A
214	CaPA	Sat WMP-19	CaPA_Sat WMP-19	16	CaPA_Sat WMP-19_C16	<p>Table 7 on page 26 of the Joint O&amp;M Covered Conductor Working Group Report lists SC&amp;E's estimate of the combined effectiveness of the covered conductor program, asset inspections, and asset vegetation management. In our comparison with the other CCAs as part of the Joint O&amp;M Review, we did not include the components that make up the Covered Conductor Installation (CCI) in our comparison with the other CCAs as part of the Joint O&amp;M Review.</p> <p>1) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>2) If the answer to part (a) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	4/28/2023	4/28/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	0	N/A	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-11 - Covered Conductors Effective Lessons Learned	N/A
215	CaPA	Sat WMP-20	CaPA_Sat WMP-20	1	CaPA_Sat WMP-20_C1	<p>1) Describe how PG&amp;E is standardizing reports to address an asset from service.</p> <p>2) How does PG&amp;E determine whether a maintenance issue is a "ignition risk notification" or a "notification risk notification"?</p> <p>3) If the answer to part (a) is yes, please describe all such circumstances.</p>	Holly Wetman	4/25/2023	5/3/2023	5/3/2023	<a href="https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications">https://www.pge.com/pge_global/asset-management/overhead-conductor-distribution-lines/ignition-risk-notifications</a>	1	N/A	8.1, 8.2	Asset Management and Inspection Enterprise (Systems)	N/A	N/A







409	CaPA	Sat WMP-26	CaPA_Sat WMP-26_05	5	CaPA_Sat WMP-26_05	(a) Are all new covered conductor installation projects designed to accommodate loads greater than current capacity for the same circuit? (b) If the answer to (a) is "Yes," explain how. (c) If the answer to (a) is "No," explain why not.	(a) In general, new covered conductor systems are designed to accommodate forecasted growth in an area, where applicable, and for operational capacity requirements to support existing and regular maintenance. However, not all areas are designed to require additional capacity for regular or emergency loads. (b) Please see our response to subpart (b). (c) Please see our response to subpart (c).	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
410	CaPA	Sat WMP-26	CaPA_Sat WMP-26_06	6	CaPA_Sat WMP-26_06	(a) Are all overhead to underground conductor conversion projects designed to accommodate loads greater than current capacity for the same circuit? (b) If the answer to (a) is "Yes," explain how. (c) If the answer to (a) is "No," explain why not.	(a) In general, new covered conductor systems are designed to accommodate forecasted growth in an area, where applicable, and for operational capacity requirements to support existing and regular maintenance. However, not all areas are designed to require additional capacity for regular or emergency loads. (b) Please see our response to subpart (b). (c) Please see our response to subpart (c).	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
411	CaPA	Sat WMP-26	CaPA_Sat WMP-26_07	7	CaPA_Sat WMP-26_07	Describe the challenges or advantages entailed in increasing load capacity on a circuit that has previously been hardened with covered conductors.	There are no significant differences in increasing load capacity on a circuit that has been hardened with covered conductors as compared to one that has not been hardened. In each case, the system's structure and components will have to be replaced or repaired to support larger conductor or an additional overhead circuit. It might be possible to upgrade the conductor to support additional capacity, but a better option, given requirements to increase load capacity, is to replace the conductor with a larger conductor to increase load capacity. It might also be possible for one load growth not to require physical system changes on a hardened segment if it were possible to reroute the load.	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
412	CaPA	Sat WMP-26	CaPA_Sat WMP-26_08	8	CaPA_Sat WMP-26_08	Describe the challenges or advantages entailed in increasing load capacity on a circuit that has previously been hardened with covered conductors.	The challenges or advantages associated with increasing capacity on an underground system are different from those associated with increasing capacity on an overhead system. In the past, underground engineering and design standards have been based on covered design standards and practices. It is likely that newer underground projects include physical capacity to support forecasted load growth in the areas that have been hardened. In larger cities, there have already been instances where forecast capacity above the design of a recently built underground system is required. In these cases, adding new existing underground infrastructure can be more difficult than installing underground capacity in the future, and there are many reasons for additional capacity. A higher capacity conductor can be pulled through the conduit system to support additional load growth without requiring any existing additional capacity. If load capacity needs to increase on an underground system but before our current engineering and design standards, then a potential challenge would depend on the health of the existing underground system. If the existing conduit is compromised then it may not be possible to pull cable through the existing conduit, and a more extensive rebuild would be required involving re-mining, new conduit, and potentially, new enclosures as well. If the existing conduit is generally intact, it may be possible to pull new cable through that conduit to facilitate some load growth without significant additional cost.	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
413	CaPA	Sat WMP-26	CaPA_Sat WMP-26_09	9	CaPA_Sat WMP-26_09	Provide a list of all circuits in your system. For each circuit, provide: (a) Circuit ID Number (b) Peak load in Amps observed since January 1, 2014 (c) Circuit Capacity in Amps	The above table in this response contains confidential material and is provided in redacted form to protect the confidentiality of the information. In the response, PG&E provides the requested data for the distribution circuit in its system. As agreed to, we plan to supplement the response with available data for the information requested by Thursday, August 24, 2023. Please see "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for list of distribution circuits (subpart (a)), 2022 peak load (subpart (b)), and their capacity (subpart (c)). The list of circuits includes only those included in the distribution planning process. Single-conductor circuits, not shown in the response, are not included. The 2022 data was obtained from SCADA information at distribution substations as part of the annual load data review process. Please note, peak loads greater than 2022 are, in many instances, no longer relevant because circuit configurations have occurred. In other words, the use of capacity previously assumed for the circuit may not be the same as that used for the circuit in the present year. Please note, confidential load data that could reveal individual customer loading is redacted in gray. Please note, we do not model the secondary system nor record secondary distribution loads. In the response, PG&E provides the requested data for the PG&E owned active transmission circuits that are calculated, modeled and included in the Energy Management System (EMS). Please note, we did not include information that did not match PG&E's GIS system and the CADCY Transmission Register because the GIS system information included some distribution, 5th, inactive, or 6th circuits. Please see "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for a list of transmission circuits (subpart (a)), 2022 peak load (subpart (b)), and their capacity (subpart (c)). Where available, we selected the highest measured peak value for all line segments and all phases of each segment. Where information values were available, the calculated readings were selected with the highest reading in the same manner. Please note, peak loads prior to 2022 are, in many instances, no longer relevant because circuit reconfigurations have occurred. In other words, the use of capacity previously assumed for the circuit may not be the same as that used for the circuit in the present year. Additionally, based on the data available, the circuit load may not be modeled in EMS or an associated load, and we have modeled the circuit in the response. All peak circuits have at least four wiring types that represent Summer Normal (SN), Summer Emergency (SE), Winter Normal (WN), and Winter Emergency (WE) ratings in the response. Please note, confidentiality. It is likely that an emergency condition was present. Please see links for the addresses of utility open files: -Normal Ampacity: The allowable continuous load that can be carried under normal conductor operating temperature. -Emergency Ampacity: Maximum load permitted for short duration in emergencies resulting from the outage of other facilities. Emergency loading is limited to four hours per day and should not exceed a time of 150 hours in one year. PG&E also notes that we do not maintain the data provided in this response in the format presented in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" and, during the normal course of operations, it was cross-validated against the data provided in the redacted material and is provided in redacted form to protect the confidentiality of the information. Please note "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	1	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
413	CaPA	Sat WMP-26	CaPA_Sat WMP-26_09a	9a	CaPA_Sat WMP-26_09a	Provide a list of all circuits in your system. For each circuit, provide: (a) Circuit ID Number (b) Peak load in Amps observed since January 1, 2014 (c) Circuit Capacity in Amps	The above table in this response contains confidential material and is provided in redacted form to protect the confidentiality of the information. In the response, PG&E provides the requested data for the distribution circuit in its system. As agreed to, we plan to supplement the response with available data for the information requested by Thursday, August 24, 2023. Please see "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for list of distribution circuits (subpart (a)), 2022 peak load (subpart (b)), and their capacity (subpart (c)). Where available, we selected the highest measured peak value for all line segments and all phases of each segment. Where information values were available, the calculated readings were selected with the highest reading in the same manner. Please note, peak loads prior to 2022 are, in many instances, no longer relevant because circuit reconfigurations have occurred. In other words, the use of capacity previously assumed for the circuit may not be the same as that used for the circuit in the present year. Additionally, based on the data available, the circuit load may not be modeled in EMS or an associated load, and we have modeled the circuit in the response. All peak circuits have at least four wiring types that represent Summer Normal (SN), Summer Emergency (SE), Winter Normal (WN), and Winter Emergency (WE) ratings in the response. Please note, confidentiality. It is likely that an emergency condition was present. Please see links for the addresses of utility open files: -Normal Ampacity: The allowable continuous load that can be carried under normal conductor operating temperature. -Emergency Ampacity: Maximum load permitted for short duration in emergencies resulting from the outage of other facilities. Emergency loading is limited to four hours per day and should not exceed a time of 150 hours in one year. PG&E also notes that we do not maintain the data provided in this response in the format presented in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" and, during the normal course of operations, it was cross-validated against the data provided in the redacted material and is provided in redacted form to protect the confidentiality of the information. Please note "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	1	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
414	CaPA	Sat WMP-26	CaPA_Sat WMP-26_10	10	CaPA_Sat WMP-26_10	Provide updated GIS layers of primary distribution, secondary distribution, and transmission lines, with the following attributes: (a) Circuit ID Number (b) Peak load in Amps observed since January 1, 2014 (c) Circuit Capacity in Amps	The above table in this response contains confidential material and is provided in redacted form to protect the confidentiality of the information. In the response, PG&E provides the requested data for the distribution circuit in its system. As agreed to, we plan to supplement the response with available data for the information requested by Thursday, August 24, 2023. Please see "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for list of distribution circuits (subpart (a)), 2022 peak load (subpart (b)), and their capacity (subpart (c)). Where available, we selected the highest measured peak value for all line segments and all phases of each segment. Where information values were available, the calculated readings were selected with the highest reading in the same manner. Please note, peak loads prior to 2022 are, in many instances, no longer relevant because circuit reconfigurations have occurred. In other words, the use of capacity previously assumed for the circuit may not be the same as that used for the circuit in the present year. Additionally, based on the data available, the circuit load may not be modeled in EMS or an associated load, and we have modeled the circuit in the response. All peak circuits have at least four wiring types that represent Summer Normal (SN), Summer Emergency (SE), Winter Normal (WN), and Winter Emergency (WE) ratings in the response. Please note, confidentiality. It is likely that an emergency condition was present. Please see links for the addresses of utility open files: -Normal Ampacity: The allowable continuous load that can be carried under normal conductor operating temperature. -Emergency Ampacity: Maximum load permitted for short duration in emergencies resulting from the outage of other facilities. Emergency loading is limited to four hours per day and should not exceed a time of 150 hours in one year. PG&E also notes that we do not maintain the data provided in this response in the format presented in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" and, during the normal course of operations, it was cross-validated against the data provided in the redacted material and is provided in redacted form to protect the confidentiality of the information. Please note "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	1	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
414	CaPA	Sat WMP-26	CaPA_Sat WMP-26_10a	10a	CaPA_Sat WMP-26_10a	Provide updated GIS layers of primary distribution, secondary distribution, and transmission lines, with the following attributes: (a) Circuit ID Number (b) Peak load in Amps observed since January 1, 2014 (c) Circuit Capacity in Amps	The above table in this response contains confidential material and is provided in redacted form to protect the confidentiality of the information. In the response, PG&E provides the requested data for the distribution circuit in its system. As agreed to, we plan to supplement the response with available data for the information requested by Thursday, August 24, 2023. Please see "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for list of distribution circuits (subpart (a)), 2022 peak load (subpart (b)), and their capacity (subpart (c)). Where available, we selected the highest measured peak value for all line segments and all phases of each segment. Where information values were available, the calculated readings were selected with the highest reading in the same manner. Please note, peak loads prior to 2022 are, in many instances, no longer relevant because circuit reconfigurations have occurred. In other words, the use of capacity previously assumed for the circuit may not be the same as that used for the circuit in the present year. Additionally, based on the data available, the circuit load may not be modeled in EMS or an associated load, and we have modeled the circuit in the response. All peak circuits have at least four wiring types that represent Summer Normal (SN), Summer Emergency (SE), Winter Normal (WN), and Winter Emergency (WE) ratings in the response. Please note, confidentiality. It is likely that an emergency condition was present. Please see links for the addresses of utility open files: -Normal Ampacity: The allowable continuous load that can be carried under normal conductor operating temperature. -Emergency Ampacity: Maximum load permitted for short duration in emergencies resulting from the outage of other facilities. Emergency loading is limited to four hours per day and should not exceed a time of 150 hours in one year. PG&E also notes that we do not maintain the data provided in this response in the format presented in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" and, during the normal course of operations, it was cross-validated against the data provided in the redacted material and is provided in redacted form to protect the confidentiality of the information. Please note "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	7/27/2023	8/10/2023	8/10/2023	1	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	NA
415	CaPA	Sat WMP-27	CaPA_Sat WMP-27_01	1	CaPA_Sat WMP-27_01	The article states the following: The California utility company PG&E spent about \$2.5 billion on a yearlong effort aimed at reducing wildfire risk by being more proactive in identifying and removing the program, according to an internal analysis released by The Wall Street Journal on Wednesday. (a) Does PG&E provide an internal analysis to The Wall Street Journal as described in the article? (b) If the answer to part (a) is "Yes," please provide a copy of the internal analysis described in the article. (c) If the answer to part (a) is "No," please state when PG&E provided a copy of the internal analysis to The Wall Street Journal. (d) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article. (e) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article.	(PG&E did not say that the work was largely ineffective. PG&E provided the following materials to WSJ: however, PG&E did not know how they were used by WSJ. Please see attached "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	8/4/2023	8/18/2023	8/18/2023	1	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections	NA
416	CaPA	Sat WMP-27	CaPA_Sat WMP-27_02	2	CaPA_Sat WMP-27_02	The article states the following: The California utility company PG&E spent about \$2.5 billion on a yearlong effort aimed at reducing wildfire risk by being more proactive in identifying and removing the program, according to an internal analysis released by The Wall Street Journal on Wednesday. (a) Does PG&E provide an internal analysis to The Wall Street Journal as described in the article? (b) If the answer to part (a) is "Yes," please provide a copy of the internal analysis described in the article. (c) If the answer to part (a) is "No," please state when PG&E provided a copy of the internal analysis to The Wall Street Journal. (d) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article. (e) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article.	PG&E did not say that the work was largely ineffective. PG&E provided the following materials to WSJ: however, PG&E did not know how they were used by WSJ. Please see attached "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	8/4/2023	8/18/2023	8/18/2023	1	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections	NA
417	CaPA	Sat WMP-27	CaPA_Sat WMP-27_03	3	CaPA_Sat WMP-27_03	The article states the following: (PG&E did not say that the work was largely ineffective and is withdrawing the program, according to an internal analysis released by The Wall Street Journal on Wednesday. (a) Does PG&E provide an internal analysis to The Wall Street Journal as described in the article? (b) If the answer to part (a) is "Yes," please provide a copy of the internal analysis described in the article. (c) If the answer to part (a) is "No," please state when PG&E provided a copy of the internal analysis to The Wall Street Journal. (d) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article. (e) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article.	PG&E did not say that the work was largely ineffective. PG&E provided the following materials to WSJ: however, PG&E did not know how they were used by WSJ. Please see attached "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	8/4/2023	8/18/2023	8/18/2023	0	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections	NA
418	CaPA	Sat WMP-27	CaPA_Sat WMP-27_04	4	CaPA_Sat WMP-27_04	The article states the following: The California utility company PG&E spent about \$2.5 billion on a yearlong effort aimed at reducing wildfire risk by being more proactive in identifying and removing the program, according to an internal analysis released by The Wall Street Journal on Wednesday. (a) Does PG&E provide an internal analysis to The Wall Street Journal as described in the article? (b) If the answer to part (a) is "Yes," please provide a copy of the internal analysis described in the article. (c) If the answer to part (a) is "No," please state when PG&E provided a copy of the internal analysis to The Wall Street Journal. (d) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article. (e) If the answer to part (a) is "No," please provide a copy of the internal analysis described in the article.	(PG&E did not say that the work was largely ineffective. PG&E provided the following materials to WSJ: however, PG&E did not know how they were used by WSJ. Please see attached "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" for the requested GIS layers for primary distribution, secondary distribution, and transmission. Please note, "Utility" identified as "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf" may include additional circuits not shown in the response to Question 9 of the Data Request and for additional context regarding the transmission peak load and circuit capacity data provided in "WMP-Division2022_DIR_CaPA/Conductors_DSR-GD10a101CONP.pdf".	Holly Whitman	8/4/2023	8/18/2023	8/18/2023	2	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections	NA

419	CaFA	Sat WMP-27	CaFA_Set WMP-27_03	3	CaFA_Set WMP-27_03	<p>In response to date request CA66000004-FCG-2023(WMP) 14, question 3, on April 17, 2023, PG&amp;E stated that it expected to complete the Substation Animal Abatement Effectiveness Study by July 18, 2023.</p> <p>4) Has PG&amp;E completed the Substation Animal Abatement Effectiveness Study?</p> <p>5) If the answer to part (a) is yes, please provide a copy of any reports or other output from the Substation Animal Abatement Effectiveness Study.</p> <p>6) If the answer to part (a) is no, please state when PG&amp;E currently expects to complete the Substation Animal Abatement Effectiveness Study.</p>	Holly Wetman	6/4/2023	6/18/2023	6/18/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.1.2.2	Grid Design and System Hardening	Other Technologies and Systems – Substation Animal Abatement	NA	
420	CaFA	Sat WMP-27	CaFA_Set WMP-27_06	6	CaFA_Set WMP-27_06	<p>In response to date request FUR10PG&amp;E-3, question 2, on April 10, 2023, PG&amp;E stated the following: Additionally, we are in the process of building a study that is planned to be completed by June 30, 2023. This study will assess the recorded reliability improvements at locations that have been overhauled and/or have been terminated with covered conductors.</p> <p>4) Has PG&amp;E completed the study described above?</p> <p>5) If the answer to part (a) is yes, please provide a copy of any reports or other output from the study described above.</p> <p>6) If the answer to part (a) is no, please state when PG&amp;E currently expects to complete the study described above.</p>	Holly Wetman	6/4/2023	6/18/2023	6/18/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	NA	NA	NA	NA	NA
421	CaFA	Sat WMP-27	CaFA_Set WMP-27_07	7	CaFA_Set WMP-27_07	<p>Please provide a copy of PG&amp;E's 2023 Annual Electric Reliability Report. This should be similar to the documents provided in Table 20 in response to FUR10PG&amp;E-3, question 3, on April 10, 2023.</p>	Holly Wetman	6/4/2023	6/18/2023	6/18/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	1	NA	NA	NA	NA	NA	NA
427	CaFA	Sat WMP-28	CaFA_Set WMP-28_16	16	CaFA_Set WMP-28_16	<p>RE-PG&amp;E-23-05 Page 67 of PG&amp;E's response states, "There are 79 circuit segments that are not included in an underground plan and have not been hardened. In place of these circuit segments, PG&amp;E chose to add different circuit segments to the portfolio that could be underground more efficiently. PG&amp;E reneged on these 79 circuit segments through our portfolio of Comprehensive Monitoring and Data Collection and Mitigation described above."</p> <p>4) Has PG&amp;E considered overhead hardening on the 79 circuit segments described in this section?</p> <p>5) If the answer to part (a) is yes, why? PG&amp;E did not consider hardening as a mitigation for these 79 circuit segments?</p> <p>6) If the answer to part (a) is no, explain why not.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment	NA	
438	CaFA	Sat WMP-28	CaFA_Set WMP-28_17	17	CaFA_Set WMP-28_17	<p>RE-PG&amp;E-23-02 Table 10 (PG&amp;E-23-02) on page 77 of PG&amp;E's response compares the mileage in the top 20% of WFE, the top 20% of WDRM V, and the top 20% of WDRM IV.</p> <p>4) How does PG&amp;E's response to RE-PG&amp;E-23-02 on page 77 of PG&amp;E's response compare the mileage in the top 20% of WDRM V, and the top 20% of WDRM IV, and the top 20% of WDRM IV?</p> <p>5) Please confirm or correct the understanding stated above.</p> <p>6) Does the list of circuit segments related by WFE incorporate risk scores from WDRM v2? If yes, describe how it is done.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment	NA	
442	CaFA	Sat WMP-28	CaFA_Set WMP-28_01	1	CaFA_Set WMP-28_01	<p>RE-PG&amp;E-23-02 Page 18 of PG&amp;E's response states, "PG&amp;E is currently working to integrate OC with our execution processes to more quickly address critical work execution."</p> <p>4) Describe how PG&amp;E will integrate OC with execution processes.</p> <p>5) Describe the OC and CA processes in place at the beginning of 2023 for a detailed distribution description. Describe the process from start to finish, from any CA actions that occur prior to the inspection, continuing through CA inspection and ending when OC is fully implemented.</p> <p>6) Describe the OC and CA processes that PG&amp;E is progressing – which OC will be integrated with execution processes – for a detailed distribution description. As described in the previous part, describe the process from start to finish.</p> <p>7) State the percentage of distribution asset inspections that will undergo the integrated OC process that PG&amp;E is proposing.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.6	Quality Assurance and Quality Control	NA	NA	
443	CaFA	Sat WMP-28	CaFA_Set WMP-28_02	2	CaFA_Set WMP-28_02	<p>RE-PG&amp;E-23-02 Page 18 of PG&amp;E's response states, "PG&amp;E is currently working to integrate OC with our execution processes to more quickly address critical work execution."</p> <p>4) How does PG&amp;E's quality of asset inspection work under the integrated OC process (which was previously not used) compare to the current process?</p> <p>5) What metrics or measures will PG&amp;E use to identify a problem downward trend in the quality of asset inspection work?</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.6	Quality Assurance and Quality Control	NA	NA	
444	CaFA	Sat WMP-28	CaFA_Set WMP-28_03	3	CaFA_Set WMP-28_03	<p>RE-PG&amp;E-23-02 Table 8-1 (Revised) on page 23 of PG&amp;E's response states that PG&amp;E will perform field QA audits on 500 transmission locations and 1000 distribution locations.</p> <p>4) Provide a breakdown of the 500 transmission locations by inspection type. For example, how many of these locations will audit detailed ground inspections, how many will audit aerial inspections, etc.</p> <p>5) Provide a breakdown of the 1000 distribution locations by inspection type. For example, how many of these locations will audit detailed ground inspections, how many will audit aerial inspections, etc.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.6	Quality Assurance and Quality Control	NA	NA	
445	CaFA	Sat WMP-28	CaFA_Set WMP-28_04	4	CaFA_Set WMP-28_04	<p>RE-PG&amp;E-23-02 Table 10 (PG&amp;E-23-02) on page 76 of PG&amp;E's response shows higher OC pass rates in 2023 (as of July 25, 2023) than in 2022.</p> <p>4) For each of the four OC categories displayed in Table 10 (PG&amp;E-23-02) as of July 25, 2023, provide the sample size, both a numerator and denominator of field tests that underwent OC in 2023 as of July 25, 2023.</p> <p>5) List the factors by which PG&amp;E attributes the reported OC pass rates. This may include changes to inspection programs, change to testing, changes to the OC process, different personnel/conductors, etc.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.6	Quality Assurance and Quality Control	NA	NA	
446	CaFA	Sat WMP-28	CaFA_Set WMP-28_05	5	CaFA_Set WMP-28_05	<p>RE-PG&amp;E-23-02 Page 2 of PG&amp;E's response states, "By being flexible with how we deploy our quality management resources, we can mitigate EOC system in annual cycles in 2024 and 2025 and set achieve comparable quality performance results."</p> <p>4) Does the response to PG&amp;E's statement that the proposed OC process will mitigate EOC system in annual cycles to 6 months?</p> <p>5) State the basis for PG&amp;E's statement that the proposed OC process will mitigate EOC system in annual cycles to 6 months.</p> <p>6) Please describe the methods PG&amp;E will use to track and compare the quality performance between its proposed OC process and the OC process in place at the beginning of 2023.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.6	Quality Assurance and Quality Control	NA	NA	
447	CaFA	Sat WMP-28	CaFA_Set WMP-28_06	6	CaFA_Set WMP-28_06	<p>RE-PG&amp;E-23-02 Table 8-1 (Revised) on page 27 of PG&amp;E's response states that 7,430.91 distribution locations are planned for OC audits in 2022 and 7,430.91 distribution locations in the WFE will undergo field QA audits in 2023.</p> <p>4) Does the approximation on the front of PG&amp;E's overhead distribution lines are in the WFE (see Table 8-2 in PG&amp;E-23-02) WMP? Please explain why the proposed audit sample size is 7,430.91 approximately one tenth of the entire audit sample size in 2022.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.6	Quality Assurance and Quality Control	NA	NA	
448	CaFA	Sat WMP-28	CaFA_Set WMP-28_07	7	CaFA_Set WMP-28_07	<p>RE-PG&amp;E-23-01 Page 41 of PG&amp;E's response states, "The likelihood of experiencing an extended outage (i.e., an outage of 12 hours or more) on EPSS-enabled lines was 20% lower than for all PG&amp;E segments in 2022, and for Medical Facilities or Vulnerable Customers the same percentage was 62% lower for that same population during Non-EPSS outages in 2022."</p> <p>4) Has PG&amp;E conducted a study or analysis of any CA the likelihood of experiencing an extended outage on EPSS-enabled lines was 20% lower than for all PG&amp;E segments in 2022?</p> <p>5) If the answer to part (a) is yes, please provide the results of the study or analysis.</p> <p>6) If the answer to part (a) is no, please provide the results of the study or analysis within 60 minutes.</p> <p>7) The PG&amp;E-23-02-2023 WMP PG&amp;E responds to most outages on EPSS-enabled lines within 60 minutes. Describe the action to which this expedited response contributes to the likelihood of experiencing an extended outage on EPSS-enabled lines being 20% lower than for all PG&amp;E outages in 2022.</p>	Holly Wetman	6/10/2023	6/15/2023	6/15/2023	<a href="https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf">https://www.pge.com/ba_files/Informational/Informational/CA66000004-FCG-2023(WMP)14-SubstationAnimalAbatementEffectivenessStudy.pdf</a>	0	NA	6.1.8	Grid Design and Procedures	NA	NA	

Item ID	Category	Sub-Category	Priority	Due Date	Status	Comments	Responsible Party	Start Date	End Date	Impact	Notes
429	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_08	8	2023-03-28	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
430	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_09	9	2023-03-29	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
431	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_10	10	2023-03-30	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
432	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_11	11	2023-03-31	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
433	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_12	12	2023-04-01	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
434	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_13	13	2023-04-02	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
435	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_14	14	2023-04-03	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
436	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_15	15	2023-04-04	0	N/A	6.1.8	GHG Operations and Procedures	N/A	N/A
439	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_18	18	2023-04-07	1	N/A	6.2.2	Vegetation Management and Inspections	Vegetation Management Inspections	N/A
440	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_19	19	2023-04-08	2	N/A	6.2.2	Vegetation Management and Inspections	Vegetation Management Inspections	N/A
441	CaPA	Sat WMP-28	CaPA_Sat_WMP-28_20	20	2023-04-09	0	N/A	6.2.2	Vegetation Management and Inspections	Vegetation Management Inspections	N/A
437	CaPA	Sat WMP-29	CaPA_Sat_WMP-29_08	8	2023-03-28	0	N/A	7.2.1	Wildfire Mitigation Strategy Development	Overview of Mitigation Initiatives and Activities	N/A









801	CaPA	Sat WMP-34	CaPA_Sat_WMP-34	11	CaPA_Sat_WMP-34_11	<p>a) PG&amp;E's November 2023 EPDS Monthly report. PG&amp;E reports that there have been 28 outages on EPDS-enabled Transmission lines (EPDS) outages in the year to date.</p> <p>b) Are there downstream outages (e.g., distribution customer) that may be derived from a substation that are not included in the transmission line? If so, please provide a list of those outages that occurred on EPDS-enabled transmission lines.</p> <p>c) Please describe the following information for each of the 28 outages reported in PG&amp;E's November 2023 EPDS reports or in any other reporting system:</p> <p>i) If the answer to part (b) is yes, please describe the extent of the downstream impacts.</p> <p>ii) If the answer to part (b) is no, are there downstream outages reported as EPDS outages in PG&amp;E's monthly EPDS reports or in any other reporting system?</p> <p>iii) If the answer to part (b) is yes, why did PG&amp;E not have a backup or contingency transmission circuit(s) in place to avoid downstream distribution outages?</p>	Justin Hager	12/12/2023	1/19/2024	1/19/2024	0	NA	8.1.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings	NA	
802	CaPA	Sat WMP-35	CaPA_Sat_WMP-35	1	CaPA_Sat_WMP-35_01	<p>In Table 2 of PG&amp;E's 2023 WMP-FM submitted January 6th, 2024, PG&amp;E indicates that it will be conducting a comprehensive review of certain frequency-related circuits. Please update Table 2 by providing the estimated completion year and quarter for each of the impacted circuits listed in the right-hand column of PG&amp;E's Table 2. If the review is planned to reduce the need for use of impact of PG&amp;E's circuit, please indicate the anticipated completion in calendar or undetermined, please so state.</p>	Frankie Lee	2/12/2024	2/23/2024	2/23/2024	1	NA	9.1.2	Identification of Frequently De-Energized Circuits	NA	NA	
803	CaPA	Sat WMP-36	CaPA_Sat_WMP-36	1	CaPA_Sat_WMP-36_01	<p>PG&amp;E provided the following table in the response to CaPA/Advocates-PGE-2023WMP-06 question 5. Please provide an updated table showing actual values for 2023 and forecast values for 2024, with the EIM operational program disaggregated into the three iterations described in PG&amp;E's response to CaPA/Advocates-PGE-2023WMP-06_Q5.</p> <p>1) Total Renewable Energy</p> <p>2) Renewable Energy</p> <p>3) Total Renewable Energy</p> <p>4) Total Renewable Energy</p>	Frankie Lee	3/9/2024	3/9/2024	3/9/2024	0	NA	N/A	Vegetation Management	NA	NA	
804	CaPA	Sat WMP-36	CaPA_Sat_WMP-36	2	CaPA_Sat_WMP-36_Q2	<p>Please disaggregate the data in Table 11 of PG&amp;E's 2023 Q4 GDR such that there is only one utility-related Tracking ID for each row. If it is not possible, please explain why and clarify the methodology for grouping similar Tracking IDs.</p>	Frankie Lee	3/9/2024	3/9/2024	3/9/2024	0	NA	GOR	NA	NA	NA	
804	CaPA	Sat WMP-36	CaPA_Sat_WMP-36	201	CaPA_Sat_WMP-36_Q201	<p>Please disaggregate the data in Table 11 of PG&amp;E's 2023 Q4 GDR such that there is only one utility-related Tracking ID for each row. If it is not possible, please explain why and clarify the methodology for grouping similar Tracking IDs.</p>	Frankie Lee	3/9/2024	4/9/2024	4/9/2024	2	NA	GOR	8.1.3	NA	NA	NA
805	CaPA	Sat WMP-36	CaPA_Sat_WMP-36	3	CaPA_Sat_WMP-36_Q3	<p>Table 7 of PG&amp;E's 2023 Q4 GDR does not reflect the planned or actual net addition or removal values reported in Table 6.</p> <p>Please explain this discrepancy.</p> <p>a) Table 7 - Table 6 discrepancy?</p> <p>b) Table 7 and Table 6 are both accurate, and Table 8 is formulaically derived from Table 6.</p>	Frankie Lee	3/9/2024	3/9/2024	3/9/2024	0	NA	GOR	NA	NA	NA	NA
806	CaPA	Sat WMP-36	CaPA_Sat_WMP-36	4	CaPA_Sat_WMP-36_Q4	<p>Table 8 of PG&amp;E's 2023 Q4 GDR reports on the utility's infrastructure upgrades.</p> <p>Please provide clarification on how PG&amp;E categorizes and reports "utility infrastructure upgrades".</p> <p>a) Per data guidelines version 3.2, these values should be "Numeric 0, 1, or Blank". Please explain the negative value reported for metric number 1.3.1.1 in Q3 2023 and Q4 2023.</p>	Frankie Lee	3/9/2024	3/9/2024	3/9/2024	0	NA	GOR	NA	NA	NA	NA
Pre-Discovery 48	CaPA	Sat WMP-37	CaPA_Sat_WMP-37	1	CaPA_Sat_WMP-37_Q1	<p>Please provide a copy of each WMP Update-related document, submission, or report you submit to the Office of Energy Infrastructure Safety (Energy Safety) in 2024 or 2023 that is related to your 2023 WMP Update. Provide the document to CaPA/Advocates within one business day of the document's submission to Energy Safety. (If you have submitted a document to Energy Safety prior to the date request, please provide a copy as soon as possible and no later than 10 business days after the request.)</p> <p>This request is limited to materials or documents that (1) are related to work plans, violation letters, risk models, risk assessment (EPDS) evaluations, coordination letters, or WMP change orders, and (2) are related to Energy Safety's process administration or related concerning information or statements to your WMP and any subsequent revisions or change orders affecting your WMP.</p>	Holly Weisman	3/9/2023	4/3/2024	4/3/2024	0	NA	NA	NA	NA	NA	NA
Pre-Discovery 49	CaPA	Sat WMP-37	CaPA_Sat_WMP-37	2	CaPA_Sat_WMP-37_Q2	<p>Please provide a copy of all documents or files that are references to your WMP Quarterly Data Reports and submitted to PG&amp;E (including but not limited to all PDFs, spreadsheets, files, non-confidential files, and confidential attachments), within one business day of the document's submission to Energy Safety.</p>	Holly Weisman	3/9/2023	4/3/2024	4/3/2024	0	NA	NA	NA	NA	NA	NA
Pre-Discovery 50	CaPA	Sat WMP-37	CaPA_Sat_WMP-37	3	CaPA_Sat_WMP-37_Q3	<p>Please provide a copy to CaPA/Advocates of all your confidential responses to WMP Discovery requests, on the same conditions that you provide the documents to the Office of Energy Infrastructure Safety.</p> <p>a) Confidential responses to WMP Discovery requests received by other entities.</p> <p>b) Confidential responses to WMP Discovery requests received by other entities.</p>	Holly Weisman	3/9/2023	4/3/2024	4/3/2024	0	NA	NA	NA	NA	NA	NA
Pre-Discovery 51	CaPA	Sat WMP-38	CaPA_Sat_WMP-38	1	CaPA_Sat_WMP-38_01	<p>Provide all final tables of distribution circuit-capacity modeling as of January 1, 2024 that need to include the below information in separate columns. PG&amp;E is unable to provide some or all of the requested information at the circuit-assignment level, provide each table of the information included and explain why PG&amp;E is unable to provide:</p> <p>a) Circuit-assignment names</p> <p>b) Circuit ID</p> <p>c) Total circuit miles</p> <p>d) Circuit miles in Non-PTD</p> <p>e) Circuit miles in Class 1P</p> <p>f) Circuit miles in PFTD 1P</p> <p>g) Circuit miles in PFTD 2P</p> <p>h) Circuit miles in PFTD 3P</p> <p>i) Circuit voltage</p> <p>j) Circuit SAG (System Average Impedance Duration Index) for 2023</p> <p>k) Circuit SAGP (System Average Impedance Frequency Index) for 2023</p> <p>l) Circuit SAGM (System Average Impedance Frequency Index) for 2023</p> <p>m) Total customer-miles of de-energization on the circuit due to PFTS events in 2023 (sum of customer-miles de-energized for each event)</p> <p>n) Total customer-miles of de-energization on the circuit due to the best-of settings in 2023</p> <p>o) Miles of overhead conductor installed in Non-PTD in 2023</p> <p>p) Miles of overhead conductor installed in Class 1P in 2023</p> <p>q) Miles of overhead conductor installed in PFTD 1P in 2023</p> <p>r) Miles of overhead conductor installed in PFTD 2P in 2023</p> <p>s) Miles of overhead conductor installed in PFTD 3P in 2023</p> <p>t) Number of poles replaced in Non-PTD in 2023</p> <p>u) Number of poles replaced in Class 1P in 2023</p> <p>v) Number of poles replaced in PFTD 1P in 2023</p> <p>w) Miles of underground conductor installed in Non-PTD in 2023</p> <p>x) Miles of underground conductor installed in Class 1P in 2023</p> <p>y) Miles of underground conductor installed in PFTD 1P in 2023</p> <p>z) Miles of underground conductor installed in PFTD 2P in 2023</p> <p>aa) Miles of LDMW inspection in Non-PTD in 2023</p>	Holly Weisman	3/9/2023	4/19/2024	4/19/2024	4	NA	8	Section 8.1.3 - Asset Inspection	8.1.3.2 Asset Inspections - Distribution	AC23-29 Decrease in Deferred Outages	



Pre-Discovery 67	CaPA	Sat WMP-30	CaPA_Set WMP-30	6	CaPA_Set WMP-30_06	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023.	Phase III attachment: WMP-Discovery2023-0205_06_CaPA/Conductors_030-Q082401.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-06-ca-pa-conductors-030-q082401.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-06-ca-pa-conductors-030-q082401.xlsx</a>	1	N/A	0	Section 8.1.3 - Asset Inspection	8.1.3 Asset Inspections	N/A
Pre-Discovery 68	CaPA	Sat WMP-30	CaPA_Set WMP-30	7	CaPA_Set WMP-30_07	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide a list of any incidents in 2023 where the address of a WMP conductor posed a safety risk to workers under the jurisdiction of the Safety Team as defined in any occurrence on a schedule where the conductor's actions resulted in a safety incident under the jurisdiction of the general public. For each incident, please provide: a) The date you were informed of the safety issue. b) The date the incident occurred. c) Whether the safety issue concerned a transmission or distribution circuit. d) The mitigation management actions initiated to resolve the safety issue. e) A brief description of the safety issue involved.	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide a list of any incidents in 2023 where the address of a WMP conductor posed a safety risk to workers under the jurisdiction of the Safety Team as defined in any occurrence on a schedule where the conductor's actions resulted in a safety incident under the jurisdiction of the general public. For each incident, please provide: a) The date you were informed of the safety issue. b) The date the incident occurred. c) Whether the safety issue concerned a transmission or distribution circuit. d) The mitigation management actions initiated to resolve the safety issue. e) A brief description of the safety issue involved.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-07-ca-pa-conductors-030-q082401.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-07-ca-pa-conductors-030-q082401.xlsx</a>	1	N/A	0	Section 8.2 - Vegetation Management and Inspections	8.2 Vegetation Management and Inspections	AC 23-19 Continued Progression of Vegetation Management Strategy
Pre-Discovery 69	CaPA	Sat WMP-30	CaPA_Set WMP-30	8	CaPA_Set WMP-30_08	In response to Data Request CaPA/Conductors-PGE-2023/WMP-30_08: Question 8: March 30, 2023: PGESE provided the 2023 system hardening activities for the categories referred to in parts (a)-(d) below. Please provide an updated version of this information with additional assurance in the actual system hardening work performed in each segment in 2023 for each of these categories. Please add rows as needed to cover all segments where PGESE performed system hardening work in 2023 (even if these circuit segments were not included in the original workplan). a) Installation of overhead conductor b) Installation of underground conductor c) Removal of overhead conductor d) Removal of overhead conductor associated with remote grid work.	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_08_CaPA/Conductors_030-Q082402/ICMNF.xlsx for the requested information. This attachment contains our 2023-2024 System Hardening information as well as the projects with completed system hardening work in 2023. The work associated with reports completed in 2023 can be found in the columns below: a) Column V - 2023 Complete Miles b) Column W - 2023 Complete Miles. This includes all line removal projects, including those associated with remote grid work. Additionally, the following three projects listed below are associated with removal of overhead conductor to remote grid work: - Oiler 2023001 on CPZ Corral 11023134 in Tehama County - Oiler 2023008 on CPZ Empire 912314 in Butte County - Oiler 2024021 on CPZ Fulton 110204 in Sonoma County For further details associated with these projects, please list column A by the order PGESE provided them.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-08-ca-pa-conductors-030-q082402/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-08-ca-pa-conductors-030-q082402/ICMNF.xlsx</a>	1	N/A	8.12.5	System Hardening	N/A	2.14.1 G4-11 Traditional Overhead Hardening Conductor
Pre-Discovery 70	CaPA	Sat WMP-30	CaPA_Set WMP-30	9	CaPA_Set WMP-30_09	Provide your workplan that describes when and where you will perform system hardening on distribution circuits in 2023. For projects that you expect to fully complete in 2023, the projects that started before 2023 and are expected to continue in 2023, or projects that are expected to be completed after 2023, please include the project and describe the work that you forecast will actually be performed in 2023. For each project, include the following information in separate columns, A, as a minimum: a) Circuit name b) MAT code c) Program d) Circuit ID number e) Circuit segment name or ID number (if the project affects more than one circuit segment, please identify each one) f) Mitigation activities (see workplan) from the address data model that you use with an estimate distribution in your 2023 WMP Update Study. g) The expected completion date of the project. h) The expected completion date of the project. i) Length (in circuit miles) of underground conductor to be installed in 2023 j) Length (in circuit miles) of overhead conductor to be installed in 2023 and replaced by underground conductor (note that this may differ slightly from the previous section due to differing overhead and underground conductors) k) Length (in circuit miles) of overhead conductor to be permanently removed in 2023 and not replaced with covered conductor or undergrounding l) Length (in circuit miles) of any other type of system hardening project to be installed in 2023 (this is greater than zero, please describe the type of system hardening project) m) Location-specific undergrounding effectiveness n) Location-specific effectiveness of alternative mitigation.	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your workplan that describes when and where you will perform system hardening on distribution circuits in 2023. For projects that you expect to fully complete in 2023, the projects that started before 2023 and are expected to continue in 2023, or projects that are expected to be completed after 2023, please include the project and describe the work that you forecast will actually be performed in 2023. For each project, include the following information in separate columns, A, as a minimum: a) Circuit name b) MAT code c) Program d) Circuit ID number e) Circuit segment name or ID number (if the project affects more than one circuit segment, please identify each one) f) Mitigation activities (see workplan) from the address data model that you use with an estimate distribution in your 2023 WMP Update Study. g) The expected completion date of the project. h) The expected completion date of the project. i) Length (in circuit miles) of underground conductor to be installed in 2023 j) Length (in circuit miles) of overhead conductor to be installed in 2023 and replaced by underground conductor (note that this may differ slightly from the previous section due to differing overhead and underground conductors) k) Length (in circuit miles) of overhead conductor to be permanently removed in 2023 and not replaced with covered conductor or undergrounding l) Length (in circuit miles) of any other type of system hardening project to be installed in 2023 (this is greater than zero, please describe the type of system hardening project) m) Location-specific undergrounding effectiveness n) Location-specific effectiveness of alternative mitigation.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-09-ca-pa-conductors-030-q082403/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-09-ca-pa-conductors-030-q082403/ICMNF.xlsx</a>	0	N/A	8.12.5	System Hardening	N/A	2.14.1 G4-11 Traditional Overhead Hardening Conductor
Pre-Discovery 71	CaPA	Sat WMP-30	CaPA_Set WMP-30	10	CaPA_Set WMP-30_10	For each of your 2023-2025 WMP system hardening initiatives, please provide disaggregated information related to separate and circuit miles treated in the attached table. CaPA/Conductors-PGE-2023/WMP-30 Attachment 2: Add columns as needed.	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_10_CaPA/Conductors_030-Q082404/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_10_CaPA/Conductors_030-Q082404/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_10_CaPA/Conductors_030-Q082404/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_10_CaPA/Conductors_030-Q082404/ICMNF.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-10-ca-pa-conductors-030-q082404/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-10-ca-pa-conductors-030-q082404/ICMNF.xlsx</a>	0	N/A	8.12.5	System Hardening	N/A	2.14.1 G4-11 Traditional Overhead Hardening Conductor
Pre-Discovery 72	CaPA	Sat WMP-30	CaPA_Set WMP-30	11	CaPA_Set WMP-30_11	On page 405 of PGESE's 2023-2025 WMP (RA, January 6, 2024), PGESE provided Table PGESE-8.1.2.3, which below please provide an updated version of the table (preferably in Excel format) with actuals for 2023 and updated estimates for 2024, 2025, and 2026.	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_11_CaPA/Conductors_030-Q082405/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_11_CaPA/Conductors_030-Q082405/ICMNF.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-11-ca-pa-conductors-030-q082405/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-11-ca-pa-conductors-030-q082405/ICMNF.xlsx</a>	1	N/A	8.12.5	System Hardening	N/A	2.14.1 G4-11 Traditional Overhead Hardening Conductor
Pre-Discovery 73	CaPA	Sat WMP-30	CaPA_Set WMP-30	12	CaPA_Set WMP-30_12	On October 3, 2023, the Willits Safety Advisory Board held a meeting. Four documents related to PGESE's ground level distribution system plan are listed in the meeting materials (see files (urgency) and (urgency) and (urgency) and (urgency) in the meeting materials (see files (urgency) and (urgency) and (urgency) and (urgency) in the meeting materials). a) Ground Level Distribution System Plan (GLDSP) - Final b) Ground Level Distribution System Plan (GLDSP) - Final c) Ground Level Distribution System Plan (GLDSP) - Final d) Ground Level Distribution System Plan (GLDSP) - Final Please provide confidential (i.e., unredacted) copies of these four documents. a) Experimental Installation Letter b) Project Plan Scope c) Experimental Installation Letter d) Project Construction Details Additionally, please provide the following information: a) Project Construction Details	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_12_CaPA/Conductors_030-Q082406/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_12_CaPA/Conductors_030-Q082406/ICMNF.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-12-ca-pa-conductors-030-q082406/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-12-ca-pa-conductors-030-q082406/ICMNF.xlsx</a>	4	N/A	8.12.5	System Hardening	N/A	2.14.1 G4-11 Traditional Overhead Hardening Conductor
Pre-Discovery 74	CaPA	Sat WMP-30	CaPA_Set WMP-30	13	CaPA_Set WMP-30_13	Identify any ignitions in 2023 associated with assets where you had an existing corrective notification at the time of the ignition. Please provide a spreadsheet with each such ignition (see rows) with the following information in separate columns: a) Ignition ID b) Date of ignition c) Cause of ignition d) Asset burned e) Number of injuries associated with ignition, if any f) Asset ID of asset associated with ignition g) Circuit ID number of circuit associated with ignition Additionally, please provide the following information: a) Ignition ID b) Date of ignition c) Cause of ignition d) Asset burned e) Number of injuries associated with ignition, if any f) Asset ID of asset associated with ignition g) Circuit ID number of circuit associated with ignition	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_13_CaPA/Conductors_030-Q082407/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_13_CaPA/Conductors_030-Q082407/ICMNF.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-13-ca-pa-conductors-030-q082407/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-13-ca-pa-conductors-030-q082407/ICMNF.xlsx</a>	1	N/A	0	Section 8.3 - Structural Awareness and Forecasting	8.3.4 Existing Ignition Detection Sensors and Systems	AC 23-25 Fire Potential Index and Ignition Probability Weather Enhancements
Pre-Discovery 75	CaPA	Sat WMP-30	CaPA_Set WMP-30	14	CaPA_Set WMP-30_14	Identify any ignitions in 2023 associated with assets where you had an existing corrective notification at the time of the ignition. Please provide a spreadsheet with each such ignition (see rows) with the following information in separate columns: a) Ignition ID b) Date of ignition c) Cause of ignition d) Asset burned e) Number of injuries associated with ignition, if any f) Asset ID of asset associated with ignition g) Circuit ID number of circuit associated with ignition Additionally, please provide the following information: a) Ignition ID b) Date of ignition c) Cause of ignition d) Asset burned e) Number of injuries associated with ignition, if any f) Asset ID of asset associated with ignition g) Circuit ID number of circuit associated with ignition	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_14_CaPA/Conductors_030-Q082408/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_14_CaPA/Conductors_030-Q082408/ICMNF.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-14-ca-pa-conductors-030-q082408/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-14-ca-pa-conductors-030-q082408/ICMNF.xlsx</a>	4	N/A	0	Section 8.3 - Structural Awareness and Forecasting	8.3.4 Existing Ignition Detection Sensors and Systems	AC 23-25 Fire Potential Index and Ignition Probability Weather Enhancements
Pre-Discovery 76	CaPA	Sat WMP-30	CaPA_Set WMP-30	15	CaPA_Set WMP-30_15	On page 408 of PGESE's 2023-2025 WMP (RA, January 6, 2024), PGESE stated that it was working to hold safety assessment procedures (TD-8123P-202) and expected to publish the revised procedure by the end of 2023. a) Has PGESE addressed the request (TD-8123P-202) completely? b) If the answer to part (a) is yes, briefly describe the substance of the changes to the procedure. c) If the answer to part (a) is no, please provide a copy of the updated version of TD-8123P-202. d) If the answer to part (a) is no, please explain the delay. e) If the answer to part (a) is no, please state when PGESE currently expects to published the revised TD-8123P-202 procedure.	Phase III out of the attached spreadsheet: CaPA/Conductors-PGE-2023/WMP-30 Attachment 1: requesting information regarding your asset inspections in 2023. Provide your response to the accompanying CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Phase III attachment: WMP-Discovery2023-0205_15_CaPA/Conductors_030-Q082409/ICMNF.xlsx for the requested information. Phase III attachment: WMP-Discovery2023-0205_15_CaPA/Conductors_030-Q082409/ICMNF.xlsx for the requested information.	Holly Wehman	3/22/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-15-ca-pa-conductors-030-q082409/ICMNF.xlsx">https://www.pge.com/assets/external/external-ca-2024/wmp-30-discovery-2023-0205-15-ca-pa-conductors-030-q082409/ICMNF.xlsx</a>	1	N/A	0	Section 8.1.7 - Open Work Orders	8.1.7.2 Open Work Orders - Distribution Tag Restriction Targets	ACI PGESE-23-12 Distribution Backlog Open Tag Restriction Targets





518	CaFA	Sat WMP-41	CaFA_Sat_WMP41_05	5	CaFA_Sat_WMP41_05	<p>Question 3 refers to the risk scores generated from WORM v4. This should be understood to refer to PG&amp;E's responses to questions 1 and 2 above.</p> <p>Please provide a spreadsheet that lists the names of each circuit segment that is included in the Wildlife Distribution Risk Model v4. This spreadsheet should include, at minimum, the following columns:</p> <ol style="list-style-type: none"> <li>Name of ID number of each circuit segment</li> <li>Circuit name for the circuit that each segment is part of</li> <li>Circuit ID for the circuit that each segment is part of</li> <li>Normal voltage</li> <li>The total count of the circuit segment (see applicable, e.g., for post-based sub-models)</li> <li>The average risk value(s) associated with each point along the circuit segment (if applicable, e.g., for post-based sub-models)</li> <li>The count of the circuit segment (see applicable, e.g., for post-based sub-models)</li> <li>The risk values associated with each point along the circuit segment (see applicable, e.g., for post-based sub-models)</li> <li>The use of the risk of the circuit segment (see applicable).</li> <li>Total overhead conditions on the circuit segment.</li> <li>Total Far 2 overhead conditions on the circuit segment.</li> <li>Total Far 1 overhead conditions on the circuit segment.</li> <li>Total Far 2 underground conditions on the circuit segment.</li> <li>Total Far 1 underground conditions on the circuit segment.</li> <li>Total Far 2 underground conditions on the circuit segment.</li> <li>Total Far 1 underground conditions on the circuit segment.</li> <li>A separate, labeled column for each risk score identified in question 1(a) that is used at the circuit segment level to inform wildlife mitigation strategies. (Other required columns.)</li> <li>A separate, labeled column for each complete risk score identified in question 2(a) that is used at the circuit segment level to inform wildlife mitigation strategies. (Other required columns.)</li> </ol>	<p>41-1) Please see attachment "WMP-Overview2022_0205_DRI_CaAdvocates_041-0205A01" for the requested information.</p> <p>41-2) Please see attachment "WMP-Overview2022_0205_DRI_CaAdvocates_041-0205A01" for the requested information.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0205-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0205-DRI-CaAdvocates-041-0205A01.pdf</a>	1	NA	0	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1 WORM v4
519	CaFA	Sat WMP-41	CaFA_Sat_WMP41_06	6	CaFA_Sat_WMP41_06	<p>Pages 5-11 of PG&amp;E's 2022 WMP Update discuss version 4 of PG&amp;E's Wildlife Consequence Model. Please provide a GIS file that depicts the most granular level available for the Wildlife Consequence Model, version 4. The file should contain the following:</p> <ol style="list-style-type: none"> <li>Geometric features depicting the most granular level available for consequence (i.e. Cal Advocates' understanding that the consequence model uses "points").</li> <li>For each geographic feature, please include all relevant consequence values (if there are multiple) as attributes.</li> </ol> <p>Please provide a GIS file that depicts the most granular level available for the Wildlife Consequence Model version 4 in the WORM v4. This file should contain the following:</p> <ol style="list-style-type: none"> <li>Geometric features depicting the most granular level available for consequence (i.e. Cal Advocates' understanding that the consequence model uses "points").</li> <li>For each geographic feature, please include all relevant consequence values (if there are multiple) as attributes.</li> </ol>	<p>Please see attachment "WMP-Overview2022_0210_DRI_CaAdvocates_041-0205A01" for a GIS file containing the requested Wildlife Consequence (WFC) v4 model file results.</p> <p>Please see attachment "WMP-Overview2022_0210_DRI_CaAdvocates_041-0205A01" for a GIS file containing the requested Wildlife Consequence (WFC) v4 model file results.</p>	Holly Wehrman	4/9/2024	4/9/2024	4/29/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	0	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1 WORM v4
520	CaFA	Sat WMP-41	CaFA_Sat_WMP41_07	7	CaFA_Sat_WMP41_07	<p>Please provide a GIS file that depicts the most granular level available for the Wildlife Consequence Model version 4 in the WORM v4. This file should contain the following:</p> <ol style="list-style-type: none"> <li>Geometric features depicting the most granular level available for consequence (i.e. Cal Advocates' understanding that the consequence model uses "points").</li> <li>For each geographic feature, please include all relevant consequence values (if there are multiple) as attributes.</li> </ol>	<p>Please see attachment "WMP-Overview2022_0210_DRI_CaAdvocates_041-0205A01" for a GIS file containing the requested Wildlife Consequence (WFC) v4 model file results.</p>	Holly Wehrman	4/9/2024	4/9/2024	4/29/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	0	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1 WORM v4
521	CaFA	Sat WMP-41	CaFA_Sat_WMP41_08	8	CaFA_Sat_WMP41_08	<p>4) Has E3 or another entity completed an independent review of the WORM v4?</p> <p>5) If the answer to part (a) is no, please provide a copy of any reports and outputs from an independent review of the WORM v4.</p> <p>6) If the answer to part (a) is no, when does PG&amp;E expect to have the independent review completed?</p>	<p>4) PG&amp;E is currently conducting an independent review of the WORM v4.</p> <p>5) The review is expected to be completed by the end of Q2 2024.</p> <p>6) The review is expected to be completed by the end of Q2 2024.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	0	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1 WORM v4
522	CaFA	Sat WMP-41	CaFA_Sat_WMP41_09	9	CaFA_Sat_WMP41_09	<p>4) Has E3 or another entity completed an independent review of the WORM v4?</p> <p>5) If the answer to part (a) is no, please provide a copy of the document.</p> <p>6) If the answer to part (a) is no, when does PG&amp;E expect to have the independent review completed?</p> <p>7) If the answer to part (a) is no, please explain why not.</p> <p>8) If the answer to part (a) is no, please explain when the independent review is expected to be completed?</p>	<p>4) PG&amp;E is currently conducting an independent review of the WORM v4.</p> <p>5) The review is expected to be completed by the end of Q2 2024.</p> <p>6) The review is expected to be completed by the end of Q2 2024.</p> <p>7) The review is expected to be completed by the end of Q2 2024.</p> <p>8) The review is expected to be completed by the end of Q2 2024.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	0	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1 WORM v4
523	CaFA	Sat WMP-42	CaFA_Sat_WMP42_01	1	CaFA_Sat_WMP42_01	<p>Page 10 of PG&amp;E's 2022 WMP Update states that, for version 4 of PG&amp;E's Wildlife Consequence Model, PG&amp;E increased the four simulation time from eight to 24 hours.</p> <p>1) Describe the rationale for increasing the simulation time from eight to 24 hours.</p> <p>2) Is PG&amp;E aware of any potential detrimental effects associated with increasing the simulation time from eight to 24 hours?</p> <p>3) If the answer to part (b) is no, list any such potential detrimental effects.</p> <p>4) What has PG&amp;E done to verify the validity of the 24-hour simulation?</p>	<p>1) E3 expert consensus. However, and the E3 model validation for the WORM v4 model validation was completed in August 2022. The model validation was completed in August 2022.</p> <p>2) PG&amp;E is aware of any potential detrimental effects associated with increasing the simulation time from eight to 24 hours.</p> <p>3) No.</p> <p>4) PG&amp;E is currently conducting an independent review of the WORM v4.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	6.2.2	6.0 Risk Methodology and Assessment	6.2.2 Consequence	B.1.1 WORM v4
540	CaFA	Sat WMP-42	CaFA_Sat_WMP42_02	2	CaFA_Sat_WMP42_02	<p>Page 102 of PG&amp;E's 2022 WMP Update states that, for version 4 of PG&amp;E's Wildlife Consequence Model, PG&amp;E increased the four simulation time from eight to 24 hours.</p> <p>1) Describe the rationale for increasing the simulation time from eight to 24 hours.</p> <p>2) Is PG&amp;E aware of any potential detrimental effects associated with increasing the simulation time from eight to 24 hours?</p> <p>3) If the answer to part (b) is no, list any such potential detrimental effects.</p> <p>4) What has PG&amp;E done to verify the validity of the 24-hour simulation?</p>	<p>1) PG&amp;E is currently conducting an independent review of the WORM v4.</p> <p>2) PG&amp;E is aware of any potential detrimental effects associated with increasing the simulation time from eight to 24 hours.</p> <p>3) No.</p> <p>4) PG&amp;E is currently conducting an independent review of the WORM v4.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	6.2.2	6.0 Risk Methodology and Assessment	6.2.2 Consequence	B.1.1 WORM v4
541	CaFA	Sat WMP-42	CaFA_Sat_WMP42_03	3	CaFA_Sat_WMP42_03	<p>Page 7 of PG&amp;E's 2022 WMP Update states that, for version 4 of PG&amp;E's Wildlife Consequence Model, PG&amp;E increased the four simulation time from eight to 24 hours.</p> <p>1) Describe the rationale for increasing the simulation time from eight to 24 hours.</p> <p>2) Is PG&amp;E aware of any potential detrimental effects associated with increasing the simulation time from eight to 24 hours?</p> <p>3) If the answer to part (b) is no, list any such potential detrimental effects.</p> <p>4) What has PG&amp;E done to verify the validity of the 24-hour simulation?</p>	<p>1) PG&amp;E is currently conducting an independent review of the WORM v4.</p> <p>2) PG&amp;E is aware of any potential detrimental effects associated with increasing the simulation time from eight to 24 hours.</p> <p>3) No.</p> <p>4) PG&amp;E is currently conducting an independent review of the WORM v4.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	6.2.2	6.0 Risk Methodology and Assessment	6.2.2 Consequence	B.1.1 WORM v4
542	CaFA	Sat WMP-42	CaFA_Sat_WMP42_04	4	CaFA_Sat_WMP42_04	<p>Table PG&amp;E 6.1.1 on page 3 of PG&amp;E's 2022 WMP Update indicates that WORM v4 includes wind direction in its vegetation model.</p> <p>1) List the data sources that PG&amp;E uses to incorporate wind direction into its risk model.</p> <p>2) Describe the benefits of incorporating wind direction into the risk model.</p>	<p>The data for incorporating wind direction comes from the year 1 "windspeed Simulation and risk assessment" of the WORM v4 model. The data is derived from the WORM v4 model.</p> <p>The data for incorporating wind direction comes from the year 1 "windspeed Simulation and risk assessment" of the WORM v4 model. The data is derived from the WORM v4 model.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification	B.1.1 WORM v4
543	CaFA	Sat WMP-42	CaFA_Sat_WMP42_05	5	CaFA_Sat_WMP42_05	<p>Page 10 of PG&amp;E's 2022 WMP Update states that, in the WORM v4 update, we corrected the overly conservative approach by applying a weighting strength of 50% (instead of 100%) to horizontal poles, in order to provide more accurate results.</p> <p>1) Describe the benefits of applying a weighting strength of 50% to horizontal poles.</p>	<p>The data for incorporating wind direction comes from the year 1 "windspeed Simulation and risk assessment" of the WORM v4 model. The data is derived from the WORM v4 model.</p> <p>The data for incorporating wind direction comes from the year 1 "windspeed Simulation and risk assessment" of the WORM v4 model. The data is derived from the WORM v4 model.</p>	Holly Wehrman	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf">https://www.pge.com/assets/pdf/2022/04/01/2022-0210-DRI-CaAdvocates-041-0205A01.pdf</a>	0	NA	6.2.2	6.0 Risk Methodology and Assessment	6.2.2 Consequence	B.1.2 WORM v2

Row ID	CA/PA	Sat WMP-42	CaPA_Sat WMP-42	6	CaPA_Sat WMP-42_06	0	N/A	6.2.2.2	6.0 Risk Methodology and Assessment	6.2.2.2 Conformance	6.1.2 WTRM 42
544	CaPA	Sat WMP-42	CaPA_Sat WMP-42	6	CaPA_Sat WMP-42_06	0	N/A	6.2.2.2	6.0 Risk Methodology and Assessment	6.2.2.2 Conformance	6.1.2 WTRM 42
545	CaPA	Sat WMP-42	CaPA_Sat WMP-42	7	CaPA_Sat WMP-42_07	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-14 Effectiveness Analysis for EPSS Utilization of OGD	ACI 23-14 Effectiveness Analysis for EPSS
546	CaPA	Sat WMP-42	CaPA_Sat WMP-42	8	CaPA_Sat WMP-42_08	0	N/A	4.3	4.0 Overview of WMP	4.3 Proposed Effort/Hours	2.3 Expenditures
547	CaPA	Sat WMP-42	CaPA_Sat WMP-42	9	CaPA_Sat WMP-42_09	1	N/A	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification	6.1.1 WTRM 42
548	CaPA	Sat WMP-42	CaPA_Sat WMP-42	1	CaPA_Sat WMP-42_01	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-09 - Updating Grid Handoff Decision Making	ACI 23-09 Updating Grid Handoff Decision Making
549	CaPA	Sat WMP-42	CaPA_Sat WMP-42	2	CaPA_Sat WMP-42_02	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-05 - Updating Grid Handoff Decision Making	ACI 23-05 Updating Grid Handoff Decision Making
550	CaPA	Sat WMP-42	CaPA_Sat WMP-42	3	CaPA_Sat WMP-42_03	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-05 - Updating Grid Handoff Decision Making	ACI 23-05 Updating Grid Handoff Decision Making
551	CaPA	Sat WMP-42	CaPA_Sat WMP-42	4	CaPA_Sat WMP-42_04	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-05 - Updating Grid Handoff Decision Making	ACI 23-05 Updating Grid Handoff Decision Making
552	CaPA	Sat WMP-42	CaPA_Sat WMP-42	5	CaPA_Sat WMP-42_05	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-05 - Updating Grid Handoff Decision Making	ACI 23-05 Updating Grid Handoff Decision Making
553	CaPA	Sat WMP-42	CaPA_Sat WMP-42	6	CaPA_Sat WMP-42_06	1	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-05 - Updating Grid Handoff Decision Making	ACI 23-05 Updating Grid Handoff Decision Making

354	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_07	7	CaPA_Sat_WMP-43_07	The table lists the assumption, "Mitigation effectiveness for other Environmental caused odors. None for Diesel and for Underground". State the basis for the assumption.	Holly Whitman	4/19/2024	4/20/2024	4/17/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-07.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-07.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Planning Decision Meeting	ACI-23-05 Updating Grid Planning Decision Meeting
355	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_08	8	CaPA_Sat_WMP-43_08	The table lists the assumption, "Mitigation effectiveness for all of the asset". 1) Does PG&E have plans to include without degradation of assets to its mitigation effectiveness in the future? 2) How does PG&E consider benefits and costs over the lifetime of the asset if the analysis assumes no without degradation?	Holly Whitman	4/19/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-08.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-08.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Planning Decision Meeting	ACI-23-05 Updating Grid Planning Decision Meeting
356	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_09	9	CaPA_Sat_WMP-43_09	The table lists the assumption, "EPES and OGD are only active when conditions are greater than 81". 1) State the basis for the assumption. 2) Does weather events an applicable attribute to the outage combinations used in PG&E's mitigation effectiveness assessments? 3) Please provide a list of applicable attributes to be used in outage combinations.	Holly Whitman	4/19/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-09.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-09.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Planning Decision Meeting	ACI-23-05 Updating Grid Planning Decision Meeting
357	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_10	10	CaPA_Sat_WMP-43_10	Page 65 of PG&E's 2023 WMP Update states: "The Joint Utilities have not monthly in 2023 to discuss the results of recorded and estimated effectiveness for covered conductor". 1) Provide the results of recorded effectiveness for covered conductor that were discussed in 2023 for each of the Joint Utilities. 2) Provide the results of estimated effectiveness for covered conductor that were discussed in 2023 to each of the Joint Utilities. 3) List any other findings from the monthly meetings in 2023 noted above.	Holly Whitman	4/19/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-10.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-10.pdf</a>	1	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Contribution of Grid Planning Joint Studies	ACI-23-06 Contribution of Grid Planning Joint Studies
357	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_10a	10a	CaPA_Sat_WMP-43_10a	1) Provide the results of recorded and estimated effectiveness for covered conductor that were discussed in 2023 for each of the Joint Utilities. 2) Provide the results of estimated effectiveness for covered conductor that were discussed in 2023 to each of the Joint Utilities. 3) List any other findings from the monthly meetings in 2023 noted above.	Holly Whitman	4/19/2024	4/24/2024	4/24/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-10a.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-10a.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Contribution of Grid Planning Joint Studies	ACI-23-06 Contribution of Grid Planning Joint Studies
358	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_11	11	CaPA_Sat_WMP-43_11	Pages 65-67 of PG&E's 2023 WMP Update for the three workshops the Joint Utilities held with Energy Safety. June 2023 Distribution Fault Assessment. July 2023 Early Fault Detection August 2023 REFLC. 1) Provide a copy of any materials prepared by PG&E for each of the three workshops. 2) Provide a copy of any reports, minutes, recordings, or other output of the three workshops. 3) List any other findings from the monthly meetings in 2023 noted above.	Holly Whitman	4/19/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-11.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-11.pdf</a>	4	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Contribution of Grid Planning Joint Studies	ACI-23-06 Contribution of Grid Planning Joint Studies
358	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_11a	11a	CaPA_Sat_WMP-43_11a	1) Provide the unit costs of covered conductor that were discussed in 2023 for each of the Joint Utilities. 2) Provide the unit costs of underground that were discussed in 2023 for each of the Joint Utilities. 3) List any other findings from the monthly meetings in 2023 noted above.	Holly Whitman	4/19/2024	4/24/2024	4/24/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-11a.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-11a.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Contribution of Grid Planning Joint Studies	ACI-23-06 Contribution of Grid Planning Joint Studies
359	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_12	12	CaPA_Sat_WMP-43_12	Page 67 of PG&E's 2023 WMP Update states: "In 2023, the utilities discussed the unit costs of CC and underground and completed, at a high level, the effective cost drivers." 1) Provide the unit costs of underground that were discussed in 2023 for each of the Joint Utilities. 2) Provide the unit costs of underground that were discussed in 2023 for each of the Joint Utilities. 3) List any other findings from the monthly meetings in 2023 noted above.	Holly Whitman	4/19/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-12.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-12.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Contribution of Grid Planning Joint Studies	ACI-23-06 Contribution of Grid Planning Joint Studies
359	CaPA	Sat WMP-43	CaPA_Sat_WMP-43_12a	12a	CaPA_Sat_WMP-43_12a	1) Provide the unit costs of covered conductor and underground that were discussed in 2023 for each of the Joint Utilities. 2) Provide the unit costs of covered conductor and underground that were discussed in 2023 for each of the Joint Utilities. 3) List any other findings from the monthly meetings in 2023 noted above.	Holly Whitman	4/19/2024	4/24/2024	4/24/2024	<a href="https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-12a.pdf">https://www.pge.com/assets/pdfs/2023-2025-wmp/2023-2025-wmp-43-12a.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Contribution of Grid Planning Joint Studies	ACI-23-06 Contribution of Grid Planning Joint Studies

30	CaPA	Sat WMP-43	CaPA_Sat WMP-43	13	CaPA_Sat WMP-43_13	<p>Page 68 of PG&amp;E's 2023 WMP Update states, with regard to the REFCU pilot at the Calaboga substation, "Although we are committed to continuing the demonstration project, several factors have caused delays in commissioning the program, including equipment failure, extended lead time of equipment, and the need to procure additional equipment to further stabilize the system."</p> <p>List and describe each equipment failure that occurred during 2021, 2022, or 2023 and delayed the commissioning of the program.</p> <p>List and describe each equipment failure that occurred during 2021, 2022, or 2023 and delayed the commissioning of the program.</p> <p>List and describe PG&amp;E's current needs to process additional equipment to further stabilize the system.</p> <p>List and describe PG&amp;E's current needs to process additional equipment to further stabilize the system.</p> <p>List each of the efforts PG&amp;E plans to make in 2023 to accelerate the REFCU pilot at the Calaboga substation.</p> <p>List each of the efforts PG&amp;E plans to make in 2023 to accelerate the REFCU pilot at the Calaboga substation.</p> <p>List each of the efforts PG&amp;E plans to make in 2023 to accelerate the REFCU pilot at the Calaboga substation.</p>	Holly Wetman	4/12/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-07 - Deployment of New Technologies	ACI 23-07 - Deployment of New Technologies
31	CaPA	Sat WMP-43	CaPA_Sat WMP-43	14	CaPA_Sat WMP-43_14	<p>Page 69 of PG&amp;E's 2023 WMP Update states, "In December 2023, PG&amp;E moved beyond pilot and into production of these technologies, having deployed EPD technology on 103 locations over 8 distribution circuits and EPD technology at 7 substations."</p> <p>List the approximate number of circuit miles on which EPD is currently active.</p> <p>List the approximate number of circuit miles on which EPD is currently active.</p> <p>Describe PG&amp;E's standards and criteria for determining where to install EPD technology.</p> <p>Describe PG&amp;E's standards and criteria for determining where to install EPD technology.</p> <p>Describe PG&amp;E's standards and criteria for determining where to install EPD technology.</p> <p>Provide any reports, analyses, or other documentation to support your response to part (c).</p>	Holly Wetman	4/12/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-07 - Deployment of New Technologies	ACI 23-07 - Deployment of New Technologies
32	CaPA	Sat WMP-43	CaPA_Sat WMP-43	15	CaPA_Sat WMP-43_15	<p>Table ACI PG&amp;E-23-03-f on page 75 of PG&amp;E's 2023 WMP Update lists the number of WFTD structures in each consequence level from C&amp;E to Medium.</p> <p>Provide an updated version of this table with additional rows to show the structure with a consequence level of High.</p> <p>Provide an updated version of this table with additional rows to show the structure with a consequence level of High.</p> <p>Provide any reports, analyses, or other documentation to support your response to part (c).</p>	Holly Wetman	4/12/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-09 - Decrease in Deleted Distribution Inspections	ACI 23-09 - Decrease in Deleted Distribution Inspections
33	CaPA	Sat WMP-43	CaPA_Sat WMP-43	16	CaPA_Sat WMP-43_16	<p>Table ACI PG&amp;E-23-03-f on page 75 of PG&amp;E's 2023 WMP Update lists the number of WFTD structures in each consequence level from C&amp;E to Medium.</p> <p>Provide an updated version of this table with additional rows to show the structure with a consequence level of High.</p> <p>Provide an updated version of this table with additional rows to show the structure with a consequence level of High.</p> <p>Provide any reports, analyses, or other documentation to support your response to part (c).</p>	Holly Wetman	4/12/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-09 - Decrease in Deleted Distribution Inspections	ACI 23-09 - Decrease in Deleted Distribution Inspections
34	CaPA	Sat WMP-43	CaPA_Sat WMP-43	17	CaPA_Sat WMP-43_17	<p>Table ACI PG&amp;E-23-03-f on page 75 of PG&amp;E's 2023 WMP Update lists the number of WFTD structures in each consequence level from C&amp;E to Medium.</p> <p>Provide an updated version of this table with additional rows to show the structure with a consequence level of High.</p> <p>Provide an updated version of this table with additional rows to show the structure with a consequence level of High.</p> <p>Provide any reports, analyses, or other documentation to support your response to part (c).</p>	Holly Wetman	4/12/2024	4/17/2024	4/17/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-09 - Decrease in Deleted Distribution Inspections	ACI 23-09 - Decrease in Deleted Distribution Inspections
37	CaPA	Sat WMP-44	CaPA_Sat WMP-44	1	CaPA_Sat WMP-44_01	<p>Page 32 of PG&amp;E's 2023 WMP Update states, "We assessed the effectiveness of each of the mitigation alternatives against more than 2,200 outage combinations that we identified for the 2023 WMP Update. PG&amp;E assessed each of the outage combinations and assigned an effectiveness rating for each combination."</p> <p>How many SMEAs were involved in reviewing outage combinations and assigning effectiveness ratings?</p> <p>How many SMEAs were involved in reviewing outage combinations and assigning effectiveness ratings?</p> <p>How many SMEAs were involved in reviewing outage combinations and assigning effectiveness ratings?</p>	Holly Wetman	4/12/2024	4/18/2024	4/18/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Herding Decision Making	ACI 23-05 - Updating Grid Herding Decision Making
37	CaPA	Sat WMP-44	CaPA_Sat WMP-44	2	CaPA_Sat WMP-44_02	<p>Page 34 of PG&amp;E's 2023 WMP Update states, "To determine circuit segment-level mitigation effectiveness, the WSCA will adjust for the outage combinations they occur on a given circuit segment. The estimated frequency and their contribution to overall risk on the circuit segment."</p> <p>How does the WSCA adjust for the outage combinations they occur on a given circuit segment? For example, a very long circuit segment may not have sufficient outage characteristics along its entire length.</p> <p>How does the WSCA adjust for the outage combinations they occur on a given circuit segment? For example, a very long circuit segment may not have sufficient outage characteristics along its entire length.</p> <p>How does the WSCA adjust for the outage combinations they occur on a given circuit segment? For example, a very long circuit segment may not have sufficient outage characteristics along its entire length.</p>	Holly Wetman	4/12/2024	4/18/2024	4/18/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Herding Decision Making	ACI 23-05 - Updating Grid Herding Decision Making
37	CaPA	Sat WMP-44	CaPA_Sat WMP-44	3	CaPA_Sat WMP-44_03	<p>Page 34 of PG&amp;E's 2023 WMP Update states, "To determine circuit segment-level mitigation effectiveness, the WSCA will adjust for the outage combinations they occur on a given circuit segment. The estimated frequency and their contribution to overall risk on the circuit segment."</p> <p>How does the WSCA adjust for the outage combinations they occur on a given circuit segment? For example, a very long circuit segment may not have sufficient outage characteristics along its entire length.</p> <p>How does the WSCA adjust for the outage combinations they occur on a given circuit segment? For example, a very long circuit segment may not have sufficient outage characteristics along its entire length.</p> <p>How does the WSCA adjust for the outage combinations they occur on a given circuit segment? For example, a very long circuit segment may not have sufficient outage characteristics along its entire length.</p>	Holly Wetman	4/12/2024	4/18/2024	4/18/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Herding Decision Making	ACI 23-05 - Updating Grid Herding Decision Making
37	CaPA	Sat WMP-44	CaPA_Sat WMP-44	4	CaPA_Sat WMP-44_04	<p>Page 35 of PG&amp;E's 2023 WMP Update discusses Underpinning versus Overhead Herding. Underpinning is based on the probability of an asset failure leading to an ignition occurring and the consequences of a wildfire if it were to occur. The model logic determines whether assets may require ignition protection. For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection.</p> <p>How does PG&amp;E determine the probability of an asset failure leading to an ignition occurring and the consequences of a wildfire if it were to occur? For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection.</p> <p>How does PG&amp;E determine the probability of an asset failure leading to an ignition occurring and the consequences of a wildfire if it were to occur? For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection.</p> <p>How does PG&amp;E determine the probability of an asset failure leading to an ignition occurring and the consequences of a wildfire if it were to occur? For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection. For example, an asset with high wildfire risk may require ignition protection.</p>	Holly Wetman	4/12/2024	4/18/2024	4/18/2024	<a href="https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf">https://www.pge.com/assets/pdf/2023-wmp-update/2023-wmp-update.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Herding Decision Making	ACI 23-05 - Updating Grid Herding Decision Making









176	CPUC - SPD (Safety Policy Division)	003	CPUC - SPD (Safety Policy Division)_003	4	CPUC - SPD (Safety Policy Division)_003_04	<p>4 Based on WSPS initial review of the wildfire ignitions and general understanding of PG&amp;E's underlying project. Requires that undergrounding occur from year-to-year only 2% of CPUC-eligible systems in the HTFD area between 2020-2022 primarily due to the impact of secondary and service conductor ignition. Additionally, SPD will track CPUC-eligible systems in PG&amp;E inventory during 2022 which were related to undergrounding. (The data basis for the ignition data used here, Wildfire and Wildfire Safety (on gov). Please note, WSPS will be sharing the data and determining the best methodology to analyze the data.)</p> <p>5 Provide the justification for the 50% mitigation effectiveness value for undergrounding related to the Wildfire Mitigation Plan. Explain how secondary conductor and underground ignitions are accounted for in the SPD mitigation effectiveness.</p> <p>6 Provide the percentage of CPUC-eligible systems in the HTFD that undergrounding would be expected to mitigate, accounting for secondary and service conductors.</p> <p>7 Provide a description of each CPUC-eligible system related to undergrounding that occurred in 2022 and the SPD's current understanding of the system from secondary conductor and service data are accounted for in the methodology for calculating the effectiveness for both secondary conductor and EPDS. Explain the risk value that appear to be accounted for in the same way as undergrounding. Explain the effectiveness in the methodology for how the SPD mitigation effectiveness is applied to the risk calculation (such as that approach used for covered conductors and 50% effectiveness for EPDS).</p> <p>8 Explain how the mitigation effectiveness is applied to the risk calculation (such as that approach used in PG&amp;E 2023_WMP_PD_Section_5A2_ANN2) and contrast this approach to the approach used for covered conductors and EPDS.</p> <p>9 Provide the number of CPUC-eligible systems related to HTFD in secondary and service conductors for each year starting in 2024 onwards.</p>	Kevin Miller	4/1/2023	4/1/2023	4/1/2023	<p>in the 2022 WMP discovery process, we provided a data request that showed how PG&amp;E advanced the effectiveness of undergrounding systems (WMP Discovery22_DR_CalAbilities_023-024). As PG&amp;E explained in that data request: PG&amp;E estimates of the effectiveness of undergrounding in reducing ignitions is based on subject matter expertise. We updated the methodology using the ignition rate per mile for overhead and underground distribution respectively. Based on 2015-2021 historical CPUC-eligible systems and the existing annual risk, the effectiveness of undergrounding is based on the ratio of undergrounding systems to the existing annual risk. The data request 'Rate' items not only represent wildfire risk reduction as an ignition is different than wildfire frequency or consequences. Based on the 2015-2021 historical CPUC-eligible systems in PG&amp;E inventory during 2022 which were related to undergrounding, we found that undergrounding systems reduce wildfire risk by 20 times. Further, undergrounding underground equipment at even lower wildfire risk cost overhead facilities.</p> <p>As such, we determined that the CPUC-eligible system data information is consistent with subject matter expert estimations of risk. The reportable system data contained includes the systems associated with secondary and service lines for each CPUC-eligible system. The reportable system data also includes the systems associated with secondary and service lines for each CPUC-eligible system. As a result of this work, we ensure that undergrounding in SPD, effective at reducing ignitions on the distribution primary lines where the undergrounding has taken place. However, as part of the undergrounding projects, we will be installing secondary and service lines on the HTFD area. This work is being completed as part of the undergrounding projects. We are working on a methodology to estimate the effectiveness of undergrounding on secondary and service lines. This work has not been quantified. It will provide some enhanced wildfire mitigation value to the latent secondary and service lines located by the undergrounding project.</p> <p>ii) To correct inaccuracies in the underground primary conductor. At the time, we did not underground latent secondary lines as service conductors. As a result of this work, we ensure that undergrounding in SPD, effective at reducing ignitions on the distribution primary lines where the undergrounding has taken place. However, as part of the undergrounding projects, we will be installing secondary and service lines on the HTFD area. This work is being completed as part of the undergrounding projects. We are working on a methodology to estimate the effectiveness of undergrounding on secondary and service lines. This work has not been quantified. It will provide some enhanced wildfire mitigation value to the latent secondary and service lines located by the undergrounding project.</p> <p>iii) We understand this question as a request for ignitions related to undergrounding work conducted in 2022. PG&amp;E has not identified any ignitions related to undergrounding work in 2022.</p> <p>iv) The effectiveness in mitigating wildfire risk from secondary and tertiary lines for the three mitigation advanced (DR, Planning, Covered Conductors, Undergrounding, and EPDS) is actually very similar. DR, Planning and Undergrounding both result in the same percentage of replacement of primary and secondary lines as described in the mitigation advanced (DR, Planning, Covered Conductors, Undergrounding, and EPDS) is actually very similar. DR, Planning and Undergrounding both result in the same percentage of replacement of primary and secondary lines as described in the mitigation advanced (DR, Planning, Covered Conductors, Undergrounding, and EPDS) is actually very similar. DR, Planning and Undergrounding both result in the same percentage of replacement of primary and secondary lines as described in the mitigation advanced (DR, Planning, Covered Conductors, Undergrounding, and EPDS) is actually very similar.</p>	1	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
148	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	1	CPUC - SPD (Safety Policy Division)_004_01	<p>1 WSPS generally understands that some ignitions may have been excluded. The time the data was submitted if the review of the fire case conduct.</p> <p>2 Data may have been collected incorrectly, however, please advise if additional information was requested.</p> <p>3 Explain the data in the annual number of ignitions column other than a range of zero.</p> <p>4 Explain the data in the annual number of ignitions column other than a range of zero.</p>	Henry Swaid	5/3/2023	5/19/2023	5/19/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_004-001_A01" doc.</p> <p>Please Note: The column E (FFI) for Five Potential Index (FFI) rating is only assigned to locations in a Fire Index Area (FIA), which are polygons that typically (but not always) align with HTFDs. Ignitions that occur in areas that do not occur or are a small segment located in a FIA polygon and therefore do not have associated Five Potential Index ratings.</p> <p>For column L (Average), this field is used to capture average for wildfire (i.e. fire present under 10 acres). It will not typically be populated if the fire has been 10 acres unless the average is listed in a report from the approving agency.</p>	1	N/A	Appendix D	Appendix D - Areas for Continued Improvement	ACIP&E-22-06 - Addressing Increases in Risk Events	N/A
347	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004_02	2	CPUC - SPD (Safety Policy Division)_004_02	<p>10 In addition to the data requested above, please add the following data columns for each ignition: "HTFD" - Clarify whether each ignition was within a "Zone 1", "Zone 2", or "Zone 3" or "Non-HTFD" or "Five Potential Index" - Provide the Five Potential Index for the location on the day of each ignition.</p>	Henry Swaid	5/3/2023	5/19/2023	5/19/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_004-002_A01" doc.</p> <p>Please Note: The requested information is identified in column E.</p> <p>Please Note: The column E (FFI) for Five Potential Index (FFI) rating is only assigned to locations in a Fire Index Area (FIA), which are polygons that typically (but not always) align with HTFDs. Ignitions that occur in areas that do not occur or are a small segment located in a FIA polygon and therefore do not have associated Five Potential Index ratings.</p> <p>For column L (Average), this field is used to capture average for wildfire (i.e. fire present under 10 acres). It will not typically be populated if the fire has been 10 acres unless the average is listed in a report from the approving agency.</p>	0	N/A	Appendix D	Appendix D - Areas for Continued Improvement	ACIP&E-22-06 - Addressing Increases in Risk Events	N/A
148	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004_03	3	CPUC - SPD (Safety Policy Division)_004_03	<p>Provide the total number of critical risk days for each Fire Potential Index rating per year starting in 2014.</p>	Henry Swaid	5/3/2023	5/19/2023	5/19/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_004-003_A01" doc.</p> <p>This analysis was completed by first counting the number of days each Fire Index Area (FIA) was forecast at a certain rating per year. These raw counts were then multiplied by the number of CH risk miles in each FIA and HTFD to provide the annual risk. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA.</p>	0	N/A	6.1.1	Situational Awareness and Forecasting	Five Potential Index	N/A
149	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004_04	4	CPUC - SPD (Safety Policy Division)_004_04	<p>Provide the total number of days per year for each Fire Potential Index rating each Five Index Area starting in 2014.</p>	Henry Swaid	5/3/2023	5/19/2023	5/19/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_004-004_A01" doc.</p> <p>This analysis was completed by counting the number of days each Five Index Area (FIA) was forecast at a certain rating per year. These raw counts were then multiplied by the number of CH risk miles in each FIA and HTFD to provide the annual risk. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA.</p>	0	N/A	6.1.1	Situational Awareness and Forecasting	Five Potential Index	N/A
150	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004_05	5	CPUC - SPD (Safety Policy Division)_004_05	<p>Provide the total number of critical risk days for each Fire Potential Index rating in the HTFD per year starting in 2014.</p>	Henry Swaid	5/3/2023	5/19/2023	5/19/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_004-005_A01" doc.</p> <p>This analysis was completed by first counting the number of days each Fire Index Area (FIA) was forecast at a certain rating per year. These raw counts were then multiplied by the number of CH risk miles in each FIA and HTFD to provide the annual risk. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA.</p>	0	N/A	6.1.1	Situational Awareness and Forecasting	Five Potential Index	N/A
151	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004_06	6	CPUC - SPD (Safety Policy Division)_004_06	<p>Explain how the ability to normalize for the effect of weather and fuel conditions when understanding its performance each year on ignition relative to changing weather and fuel conditions year over year.</p>	Henry Swaid	5/3/2023	5/19/2023	5/19/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_004-006_A01" doc.</p> <p>The analysis was completed by first counting the number of days each Fire Index Area (FIA) was forecast at a certain rating per year. These raw counts were then multiplied by the number of CH risk miles in each FIA and HTFD to provide the annual risk. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA. The total annual risk for each FIA and HTFD area was calculated based on the number of CH risk miles in each FIA and HTFD area and exclude HFPA.</p>	0	N/A	6.1.1	Situational Awareness and Forecasting	Five Potential Index	N/A
152	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	9	CPUC - SPD (Safety Policy Division)_005_09	<p>10 The PG&amp;E Historical Ignition Data described on page 151 of PG&amp;E's WMP is used in the Safety Plan for the availability of ignition events of the WMP. It is used for modeling the data and for the HTFD data in used when available.</p> <p>11 Describe how PG&amp;E is using the 1,500 non-CPUC-eligible systems in its risk modeling. Provide the 1,500 non-CPUC-eligible systems data as a spreadsheet in format similar to the existing CPUC-eligible systems data in DR SPD_2023_004 and in Wildfire Safety (on gov) under Fire Index Area.</p>	Kevin Miller	5/19/2023	6/12/2023	6/12/2023	<p>Please find the requested information attached as "WMP-Discovery23_DR_SPD_005-009_A01" doc.</p> <p>The PG&amp;E Historical Ignition Data described on page 151 of PG&amp;E's WMP is used in the Safety Plan for the availability of ignition events of the WMP. It is used for modeling the data and for the HTFD data in used when available.</p> <p>11 Describe how PG&amp;E is using the 1,500 non-CPUC-eligible systems in its risk modeling. Provide the 1,500 non-CPUC-eligible systems data as a spreadsheet in format similar to the existing CPUC-eligible systems data in DR SPD_2023_004 and in Wildfire Safety (on gov) under Fire Index Area.</p>	0	N/A	6.2.1	Risk Methodology and Assessment	Risk and Risk Component Identification	N/A
172	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005_01	1	CPUC - SPD (Safety Policy Division)_005_01	<p>1 Regarding costs shown in PG&amp;E's underlying grid hardening mitigation ignition project, used in calculating cost efficiency and project feasibility in the 2022-2023 WMP? Is the 2022-2023 WMP to be done and looking forward?</p> <p>2 What is the average cost per circuit mile for undergrounding in 2022, 2021, and 2020, in the HTFD, non-HTFD, and territory-wide?</p> <p>3 For each year a, b, explain expanded, average year-over-year cost changes.</p>	Kevin Miller	5/19/2023	6/12/2023	6/12/2023	<p>Please see the following table for average cost per circuit mile for undergrounding, split between System Hardening undergrounding work and the actual work. All requested undergrounding cost rates in 2022, 2021, and 2020 are in HTFDs.</p> <p>Completed Base I&amp;G Total Cost (Average in \$M) Fire Potential I&amp;G Total Cost (Average in \$M) Cost Component % Cable Cost (Average in \$M) 2022 \$4.22 NA \$2.21 2021 \$4.22 \$2.21 2020 \$4.22 \$2.21</p> <p>PG&amp;E has not made changes to per mile risk (breakdown related to C&amp;T) from trench depth requirements. Therefore, the C&amp;T from trench depth requirements is incorporated into individual project design packages.</p> <p>Of the undergrounding I&amp;G cost breakdown in the 2023-2024 Undergrounding Mitigation Plan (with the 2023-2024 WMP), 204 circuit miles are on projects where the I&amp;G cost breakdown is provided. The cost breakdown is provided for the I&amp;G work. Currently, this makes up less than 1% of the underground cost mile planned in the WMP. Engineers incorporate C&amp;T from trench depth requirements into the individual project design packages. The cost breakdown is provided for the C&amp;T work. The I&amp;G cost breakdown is provided for the I&amp;G work.</p> <p>Service life is considered in these calculations, but is expected to be longer than most other PG&amp;E investments. PG&amp;E has not made changes to per mile risk (breakdown related to C&amp;T) from trench depth requirements. Therefore, the C&amp;T from trench depth requirements is incorporated into individual project design packages.</p>	1	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
173	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005_02	2	CPUC - SPD (Safety Policy Division)_005_02	<p>2 Provide the ability to cost estimate breakdown for undergrounding per mile. Provide the cost estimate in a commonly used cost estimating format (e.g., Uniform). If the ability uses a different format, please internal communication on that format to SPD on cost estimating the cost estimate.</p>	Kevin Miller	5/19/2023	6/12/2023	6/12/2023	<p>Please find the following table for each cost component's estimated contribution to the total cost. These estimates are based on actual costs for completed undergrounding work in 2023 to date. These are completed projects and PG&amp;E's best currently available representation of the cost estimating breakdown and is expected to be similar in other years.</p> <p>Cost Component % Contribution to Total Cost Cable Cost (Average in \$M) Lateral Protection (LP) Conductor 61% Conductor 19% Other 2% Forecasting 1% 2023</p> <p>PG&amp;E recognizes that substation variability contributes to undergrounding cost, but does not incorporate a specific substation variability factor into its per-mile cost estimate.</p>	0	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
174	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005_03	3	CPUC - SPD (Safety Policy Division)_005_03	<p>3 How is PG&amp;E estimating substation variability (e.g., incorporating trench depth, slope, etc.) into cost estimates representing significant physical attributes underlying undergrounding? Provide an example.</p>	Kevin Miller	5/19/2023	6/12/2023	6/12/2023	<p>Please find the following table for each cost component's estimated contribution to the total cost. These estimates are based on actual costs for completed undergrounding work in 2023 to date. These are completed projects and PG&amp;E's best currently available representation of the cost estimating breakdown and is expected to be similar in other years.</p> <p>Cost Component % Contribution to Total Cost Cable Cost (Average in \$M) Lateral Protection (LP) Conductor 61% Conductor 19% Other 2% Forecasting 1% 2023</p> <p>PG&amp;E has not made changes to per mile risk (breakdown related to C&amp;T) from trench depth requirements. Therefore, the C&amp;T from trench depth requirements is incorporated into individual project design packages.</p> <p>Of the undergrounding I&amp;G cost breakdown in the 2023-2024 Undergrounding Mitigation Plan (with the 2023-2024 WMP), 204 circuit miles are on projects where the I&amp;G cost breakdown is provided. The cost breakdown is provided for the I&amp;G work. Currently, this makes up less than 1% of the underground cost mile planned in the WMP. Engineers incorporate C&amp;T from trench depth requirements into the individual project design packages. The cost breakdown is provided for the C&amp;T work. The I&amp;G cost breakdown is provided for the I&amp;G work.</p>	0	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
175	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005_04	4	CPUC - SPD (Safety Policy Division)_005_04	<p>4 PG&amp;E has added that C&amp;T from trench depth requirements exceeded PG&amp;E trench depth requirements. Has this impacted costs and planning? For planning purposes, what percentage of anticipated underground cost miles will be impacted by the C&amp;T from trench depth requirements for 2023-2027?</p>	Kevin Miller	5/19/2023	6/12/2023	6/12/2023	<p>Please find the following table for each cost component's estimated contribution to the total cost. These estimates are based on actual costs for completed undergrounding work in 2023 to date. These are completed projects and PG&amp;E's best currently available representation of the cost estimating breakdown and is expected to be similar in other years.</p> <p>Cost Component % Contribution to Total Cost Cable Cost (Average in \$M) Lateral Protection (LP) Conductor 61% Conductor 19% Other 2% Forecasting 1% 2023</p> <p>PG&amp;E has not made changes to per mile risk (breakdown related to C&amp;T) from trench depth requirements. Therefore, the C&amp;T from trench depth requirements is incorporated into individual project design packages.</p> <p>Of the undergrounding I&amp;G cost breakdown in the 2023-2024 Undergrounding Mitigation Plan (with the 2023-2024 WMP), 204 circuit miles are on projects where the I&amp;G cost breakdown is provided. The cost breakdown is provided for the I&amp;G work. Currently, this makes up less than 1% of the underground cost mile planned in the WMP. Engineers incorporate C&amp;T from trench depth requirements into the individual project design packages. The cost breakdown is provided for the C&amp;T work. The I&amp;G cost breakdown is provided for the I&amp;G work.</p>	0	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A
176	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005_05	5	CPUC - SPD (Safety Policy Division)_005_05	<p>5 How does service life impact cost calculation?</p>	Kevin Miller	5/19/2023	6/12/2023	6/12/2023	<p>Please find the following table for each cost component's estimated contribution to the total cost. These estimates are based on actual costs for completed undergrounding work in 2023 to date. These are completed projects and PG&amp;E's best currently available representation of the cost estimating breakdown and is expected to be similar in other years.</p> <p>Cost Component % Contribution to Total Cost Cable Cost (Average in \$M) Lateral Protection (LP) Conductor 61% Conductor 19% Other 2% Forecasting 1% 2023</p> <p>Service life is considered in these calculations, but is expected to be longer than most other PG&amp;E investments. PG&amp;E has not made changes to per mile risk (breakdown related to C&amp;T) from trench depth requirements. Therefore, the C&amp;T from trench depth requirements is incorporated into individual project design packages.</p>	0	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution	N/A



36	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009_03	3	CPUC - SPD (Safety Policy Division)_009_03	SPD&E has less than the required number of personnel with required training for several categories in Table 9-30 PD&E's Personnel Training Program for Wildfire and PSPS Events. Other topics related to staffing include fire, for example, an staffing and complete training on fire and assessors for not all being completed in the listing of tasks required provision. Why are there less than required values of personnel not completing the training?	PD&E has a constant flux and on/offline of new personnel in its Emergency Operations Center (EOC). As such, we are at various stages of training completion. In addition, different problem within the EOC require different levels of training. Some of the most critical tasks and different categories of training are required for the EOC. PD&E is currently in the process of training new personnel in the EOC. PD&E is currently in the process of training new personnel in the EOC. PD&E is currently in the process of training new personnel in the EOC.	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-003-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-003-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-003-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-003-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.1.3	Grid Operations and Procedures	Personnel Work Procedures and Training in Conditions of Elevated Fire Risk	N/A	
37	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009_04	4	CPUC - SPD (Safety Policy Division)_009_04	CPD&E provides reviews to verify message receipt in Table 8-49 PD&E's Protocols for Emergency Communication to Stakeholders Group. How accurate is the record information with regard to verifying messages are received and sent to a new number or person in the household?	CPD&E provides reviews to verify message receipt in Table 8-49 PD&E's Protocols for Emergency Communication to Stakeholders Group. How accurate is the record information with regard to verifying messages are received and sent to a new number or person in the household? CPD&E provides reviews to verify message receipt in Table 8-49 PD&E's Protocols for Emergency Communication to Stakeholders Group. How accurate is the record information with regard to verifying messages are received and sent to a new number or person in the household? CPD&E provides reviews to verify message receipt in Table 8-49 PD&E's Protocols for Emergency Communication to Stakeholders Group. How accurate is the record information with regard to verifying messages are received and sent to a new number or person in the household?	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-004-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-004-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-004-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-004-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.4.1	Emergency Procedures	Protocols for Emergency Communications	N/A	
38	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009_05	5	CPUC - SPD (Safety Policy Division)_009_05	SPD&E issues notifications to AFNWE responders. How does PD&E know that these notifications are received and that contact information is up-to-date?	SPD&E issues notifications to AFNWE responders. How does PD&E know that these notifications are received and that contact information is up-to-date? SPD&E issues notifications to AFNWE responders. How does PD&E know that these notifications are received and that contact information is up-to-date? SPD&E issues notifications to AFNWE responders. How does PD&E know that these notifications are received and that contact information is up-to-date?	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-005-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-005-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-005-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-005-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations	N/A	
39	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009_06	6	CPUC - SPD (Safety Policy Division)_009_06	SPD&E maintains pre-pandemic in-person engagement. Does PD&E have data comparing pre-pandemic engagement to pandemic and/or post-pandemic and/or other other things, where/when? For instance, are there metrics/data regarding non-WM&E and AFNWE?	SPD&E maintains pre-pandemic in-person engagement. Does PD&E have data comparing pre-pandemic engagement to pandemic and/or post-pandemic and/or other other things, where/when? For instance, are there metrics/data regarding non-WM&E and AFNWE? SPD&E maintains pre-pandemic in-person engagement. Does PD&E have data comparing pre-pandemic engagement to pandemic and/or post-pandemic and/or other other things, where/when? For instance, are there metrics/data regarding non-WM&E and AFNWE?	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-006-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-006-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-006-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-006-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations	N/A	
40	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009_07	7	CPUC - SPD (Safety Policy Division)_009_07	PD&E states that if an AFNWE customer does not answer the door, the notification is considered successful if a door hanger is left. What strategy/prioritization is PD&E following that classifies a door hanger as a successful notification?	PD&E states that if an AFNWE customer does not answer the door, the notification is considered successful if a door hanger is left. What strategy/prioritization is PD&E following that classifies a door hanger as a successful notification? PD&E states that if an AFNWE customer does not answer the door, the notification is considered successful if a door hanger is left. What strategy/prioritization is PD&E following that classifies a door hanger as a successful notification? PD&E states that if an AFNWE customer does not answer the door, the notification is considered successful if a door hanger is left. What strategy/prioritization is PD&E following that classifies a door hanger as a successful notification?	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-007-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-007-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-06-07-CPUC-SPD-009-03-007-Response-to-CPUC-Request-for-Information-2023-06-07-CPUC-SPD-009-03-007-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations	N/A	
44	CPUC - SPD (Safety Policy Division)	010	CPUC - SPD (Safety Policy Division)_010_01	1	CPUC - SPD (Safety Policy Division)_010_01	Provide the attached spreadsheet with information summarized from Table 11 of PD&E's most recently submitted SPD CDFR 2023 updated 7/1/23	Provide the attached spreadsheet with information summarized from Table 11 of PD&E's most recently submitted SPD CDFR 2023 updated 7/1/23	Kevin Miller	6/20/2023	6/10/2023	6/10/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-06-20-CPUC-SPD-010-01-001-Response-to-CPUC-Request-for-Information-2023-06-20-CPUC-SPD-010-01-001-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-06-20-CPUC-SPD-010-01-001-Response-to-CPUC-Request-for-Information-2023-06-20-CPUC-SPD-010-01-001-Response-to-CPUC-Request-for-Information</a>	1	COM	N/A	N/A	N/A		
47	CPUC - SPD (Safety Policy Division)	011	CPUC - SPD (Safety Policy Division)_011_01	1	CPUC - SPD (Safety Policy Division)_011_01	Provide calculations that justify Table RW&E-23-05. Explain specifically how Risk Assistance over Lifetime Benefit is calculated from Total Risk. Group 55 of PD&E's 2023-2025 Wildlife Mitigation Plan (WMP)- Supplemental Reason Notice Response)	Provide calculations that justify Table RW&E-23-05. Explain specifically how Risk Assistance over Lifetime Benefit is calculated from Total Risk. Group 55 of PD&E's 2023-2025 Wildlife Mitigation Plan (WMP)- Supplemental Reason Notice Response) Provide calculations that justify Table RW&E-23-05. Explain specifically how Risk Assistance over Lifetime Benefit is calculated from Total Risk. Group 55 of PD&E's 2023-2025 Wildlife Mitigation Plan (WMP)- Supplemental Reason Notice Response)	Henry Sweet	10/12/2023	10/17/2023	10/17/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-10-17-CPUC-SPD-011-01-001-Response-to-CPUC-Request-for-Information-2023-10-17-CPUC-SPD-011-01-001-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-10-17-CPUC-SPD-011-01-001-Response-to-CPUC-Request-for-Information-2023-10-17-CPUC-SPD-011-01-001-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment	N/A	
47	CPUC - SPD (Safety Policy Division)	012	CPUC - SPD (Safety Policy Division)_012_01	1	CPUC - SPD (Safety Policy Division)_012_01	Provide calculations that justify Table RW&E-23-05. Explain specifically how Risk Assistance over Lifetime Benefit is calculated from Total Risk. Group 55 of PD&E's 2023-2025 Wildlife Mitigation Plan (WMP)- Supplemental Reason Notice Response)	Provide calculations that justify Table RW&E-23-05. Explain specifically how Risk Assistance over Lifetime Benefit is calculated from Total Risk. Group 55 of PD&E's 2023-2025 Wildlife Mitigation Plan (WMP)- Supplemental Reason Notice Response) Provide calculations that justify Table RW&E-23-05. Explain specifically how Risk Assistance over Lifetime Benefit is calculated from Total Risk. Group 55 of PD&E's 2023-2025 Wildlife Mitigation Plan (WMP)- Supplemental Reason Notice Response)	Henry Sweet	11/13/2023	11/15/2023	11/4/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-11-15-CPUC-SPD-012-01-001-Response-to-CPUC-Request-for-Information-2023-11-15-CPUC-SPD-012-01-001-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-11-15-CPUC-SPD-012-01-001-Response-to-CPUC-Request-for-Information-2023-11-15-CPUC-SPD-012-01-001-Response-to-CPUC-Request-for-Information</a>	1	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment	N/A	
48	CPUC - SPD (Safety Policy Division)	011	CPUC - SPD (Safety Policy Division)_011_02	2	CPUC - SPD (Safety Policy Division)_011_02	Provide a numerical justification that shows the use from (colleges or other sources) for PSPS compared to benefits of PSPS (see wildfire, others)? SPD would prefer an analysis performed using cost-benefit calculations to justify the use in Table RW&E-23-05.	Provide a numerical justification that shows the use from (colleges or other sources) for PSPS compared to benefits of PSPS (see wildfire, others)? SPD would prefer an analysis performed using cost-benefit calculations to justify the use in Table RW&E-23-05. Provide a numerical justification that shows the use from (colleges or other sources) for PSPS compared to benefits of PSPS (see wildfire, others)? SPD would prefer an analysis performed using cost-benefit calculations to justify the use in Table RW&E-23-05.	Henry Sweet	10/12/2023	10/17/2023	10/17/2023	<a href="https://www.cpuc.ca.gov/info/documents/2023-10-17-CPUC-SPD-011-02-002-Response-to-CPUC-Request-for-Information-2023-10-17-CPUC-SPD-011-02-002-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2023-10-17-CPUC-SPD-011-02-002-Response-to-CPUC-Request-for-Information-2023-10-17-CPUC-SPD-011-02-002-Response-to-CPUC-Request-for-Information</a>	0	N/A	6.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment	N/A	
48	CPUC - SPD (Safety Policy Division)	013	CPUC - SPD (Safety Policy Division)_013_01	1	CPUC - SPD (Safety Policy Division)_013_01	Provide the following files: Data Request - CalFire/UCR - 23-02/24 (CalFire/UCR-PSPS-2023-02/24) Data Request Date: March 22, 2024 PD&E Date of Response to Data Request: April 5, 2024 PD&E Document No. or File: WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf	Provide the following files: Data Request - CalFire/UCR - 23-02/24 (CalFire/UCR-PSPS-2023-02/24) Data Request Date: March 22, 2024 PD&E Date of Response to Data Request: April 5, 2024 PD&E Document No. or File: WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf WMP-December2023-2025_DIR_CalFire/UCR - 23-02/24/2024/24DIRCONCF.pdf	Henry Sweet	5/14/2024	5/22/2024	5/16/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-05-16-CPUC-SPD-013-01-001-Response-to-CPUC-Request-for-Information-2024-05-16-CPUC-SPD-013-01-001-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2024-05-16-CPUC-SPD-013-01-001-Response-to-CPUC-Request-for-Information-2024-05-16-CPUC-SPD-013-01-001-Response-to-CPUC-Request-for-Information</a>	4	N/A	6	Section 8.3 - Ongoing Awareness and Reporting	8.3.1 Existing System Detection Services and Systems	AC23-22 Fire Protection Issues and Ignition Probability Weather Forecasts	N/A
49	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_01	1	CPUC - SPD (Safety Policy Division)_014_01	Provide the last 100 created Priority A tags and associated inspection report. Include all photos in inspection report. A minimum of 50 tags may be identified during inspections. If the 100 latest created tags do not meet the criteria from a) and b) supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.	Provide the last 100 created Priority A tags and associated inspection report. Include all photos in inspection report. A minimum of 50 tags may be identified during inspections. If the 100 latest created tags do not meet the criteria from a) and b) supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.	Henry Sweet	5/14/2024	5/13/2024	5/13/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-05-13-CPUC-SPD-014-01-001-Response-to-CPUC-Request-for-Information-2024-05-13-CPUC-SPD-014-01-001-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2024-05-13-CPUC-SPD-014-01-001-Response-to-CPUC-Request-for-Information-2024-05-13-CPUC-SPD-014-01-001-Response-to-CPUC-Request-for-Information</a>	3	N/A	6	8.0 Wildlife Mitigation	8.1.3 Asset Inspections	N/A	
49	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_02	2	CPUC - SPD (Safety Policy Division)_014_02	Provide the last 100 created Priority B tags and associated inspection report. Include all photos from work orders or inspection report. A minimum of 50 tags may be identified during inspections. If the 100 latest created tags do not meet the criteria from a) and b) supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.	Provide the last 100 created Priority B tags and associated inspection report. Include all photos from work orders or inspection report. A minimum of 50 tags may be identified during inspections. If the 100 latest created tags do not meet the criteria from a) and b) supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.	Henry Sweet	5/14/2024	5/13/2024	5/13/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-05-13-CPUC-SPD-014-02-002-Response-to-CPUC-Request-for-Information-2024-05-13-CPUC-SPD-014-02-002-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2024-05-13-CPUC-SPD-014-02-002-Response-to-CPUC-Request-for-Information-2024-05-13-CPUC-SPD-014-02-002-Response-to-CPUC-Request-for-Information</a>	3	N/A	6	8.0 Wildlife Mitigation	8.1.3 Asset Inspections	N/A	
49	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_03	3	CPUC - SPD (Safety Policy Division)_014_03	Provide the last 100 created Priority X work orders and associated inspection report. Include all photos from work orders or inspection report. A minimum of 50 tags may be identified during inspections. If the 100 latest created tags do not meet the criteria from a) and b) supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.	Provide the last 100 created Priority X work orders and associated inspection report. Include all photos from work orders or inspection report. A minimum of 50 tags may be identified during inspections. If the 100 latest created tags do not meet the criteria from a) and b) supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.	Henry Sweet	5/14/2024	5/13/2024	5/13/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-05-13-CPUC-SPD-014-03-003-Response-to-CPUC-Request-for-Information-2024-05-13-CPUC-SPD-014-03-003-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2024-05-13-CPUC-SPD-014-03-003-Response-to-CPUC-Request-for-Information-2024-05-13-CPUC-SPD-014-03-003-Response-to-CPUC-Request-for-Information</a>	3	N/A	6	8.0 Wildlife Mitigation	8.1.3 Asset Inspections	N/A	
49	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_04	4	CPUC - SPD (Safety Policy Division)_014_04	Provide all job bulletins related to "X" tags. However, please use "WMP-December2023-2025_DIR_SPD_014-04" as the job bulletin identifier.	Provide all job bulletins related to "X" tags. However, please use "WMP-December2023-2025_DIR_SPD_014-04" as the job bulletin identifier.	Henry Sweet	5/14/2024	5/28/2024	5/28/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-05-28-CPUC-SPD-014-04-004-Response-to-CPUC-Request-for-Information-2024-05-28-CPUC-SPD-014-04-004-Response-to-CPUC-Request-for-Information">https://www.cpuc.ca.gov/info/documents/2024-05-28-CPUC-SPD-014-04-004-Response-to-CPUC-Request-for-Information-2024-05-28-CPUC-SPD-014-04-004-Response-to-CPUC-Request-for-Information</a>	1	N/A	6	8.0 Wildlife Mitigation	8.1.3 Asset Inspections	N/A	

Item ID	Category	Sub-Category	Priority	Due Date	Status	Assigned To	Start Date	End Date	Progress	Comments	Priority	Impact	Dependencies	Notes		
636	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G5	5	CPUC - SPD (Safety Policy Division)_014_G5	Henry Sweet	5/14/2024	5/28/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	0	N/A	0	8.0 With/No Mitigations	8.1.3 Asset Inspections	N/A
637	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G6	6	CPUC - SPD (Safety Policy Division)_014_G6	Henry Sweet	5/14/2024	5/13/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	3	N/A	0	8.0 With/No Mitigations	8.1.3 Asset Inspections	N/A
638	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G7	7	CPUC - SPD (Safety Policy Division)_014_G7	Henry Sweet	5/14/2024	5/28/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	0	N/A	0	8.0 With/No Mitigations	8.1.3 Asset Inspections	N/A
639	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G8	8	CPUC - SPD (Safety Policy Division)_014_G8	Henry Sweet	5/14/2024	5/28/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	0	N/A	0	8.0 With/No Mitigations	8.1.3 Asset Inspections	N/A
640	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G9	9	CPUC - SPD (Safety Policy Division)_014_G9	Henry Sweet	5/14/2024	5/28/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	0	N/A	0	8.0 With/No Mitigations	8.1.3 Asset Inspections	N/A
641	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G10	10	CPUC - SPD (Safety Policy Division)_014_G10	Henry Sweet	5/14/2024	5/28/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	8	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4.2 CPUC-03-09 Decrease in Detailed Distribution Inspections	AC23-09 Decrease in Detailed Distribution Inspections
635	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014_G5X	5X	CPUC - SPD (Safety Policy Division)_014_G5X	Henry Sweet	5/14/2024	5/13/2024	6/5/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-014-005646010CONF.pdf</a>	0	N/A	0	8.0 With/No Mitigations	8.1.3 Asset Inspections	N/A
643	CPUC - SPD (Safety Policy Division)	015	CPUC - SPD (Safety Policy Division)_015_G1	1	CPUC - SPD (Safety Policy Division)_015_G1	Henry Sweet	5/28/2024	5/28/2024	5/28/2024	<a href="https://www.pge.com/assets/2023/05/28/CPUC-SPD-015-005646010CONF.pdf">https://www.pge.com/assets/2023/05/28/CPUC-SPD-015-005646010CONF.pdf</a>	3	N/A	0	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1 WDRM v4











50	MGRA	Data Request No. 8	MGRA_Data Request No. 8	8	MGRA_Data Request No. 8_Q8	Find, if EPSS enabled based on weather conditions and if so how?	The EPSS is enabled and disabled based on forecasted weather conditions. EPSS settings are enabled or disabled based on values approved by the Wildlife and Governance Steering Committee. This criteria is based on 20-year 24-hour model outputs from the Fire Potential Index (FPI) model. FPI model outputs are based on the maximum wildfire risk based on a range of fire risk indicators derived from the outputs of the FPI model. The FPI model outputs are based on the maximum wildfire risk based on a range of fire risk indicators derived from the outputs of the FPI model. The FPI model outputs are based on the maximum wildfire risk based on a range of fire risk indicators derived from the outputs of the FPI model.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-8-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-8-Response.pdf</a>	0	N/A	8.1.8.1.1	8.1.8 Grid Operations and Procedures	8.1.8.1.1 Protective Equipment and Device Settings	2.1.1.3 PS-07 Reduce PFI's Impacts to Customers
51	MGRA	Data Request No. 9	MGRA_Data Request No. 9	9	MGRA_Data Request No. 9_Q9	Table ACIPG&E-23-05-3 (Ignition mitigation effectiveness for A4+ Covered conductor + EPSS effectiveness is based on 75% of A9 in 2020 + EPSS). Do you have REFC, and if so, what does an effectiveness of 0% mean in this calculation? Is it possible that adding additional mitigations reduces the effectiveness? If this calculation is an error please provide a Perform this as a circuit analysis, not a substitution analysis, assuming all circuits are REFC enabled.	Table ACIPG&E-23-05-3 (Ignition mitigation effectiveness for A4+ Covered conductor + EPSS effectiveness is based on 75% of A9 in 2020 + EPSS). Do you have REFC, and if so, what does an effectiveness of 0% mean in this calculation? Is it possible that adding additional mitigations reduces the effectiveness? If this calculation is an error please provide a Perform this as a circuit analysis, not a substitution analysis, assuming all circuits are REFC enabled.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-9-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-9-Response.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-05 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements	ACI23-29 Fire Potential Index and Ignition Probability Weather Enhancements
52	MGRA	Data Request No. 10	MGRA_Data Request No. 10	10	MGRA_Data Request No. 10_Q10	Please provide the above table ACIPG&E-23-03-3 under the assumption that Covered Conductor wildfire ignition reduction effectiveness is 80.0%, not 65.4%.	Please provide the above table ACIPG&E-23-03-3 under the assumption that Covered Conductor wildfire ignition reduction effectiveness is 80.0%, not 65.4%.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-10-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-10-Response.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-05 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements	ACI23-29 Fire Potential Index and Ignition Probability Weather Enhancements
53	MGRA	Data Request No. 11	MGRA_Data Request No. 11	11	MGRA_Data Request No. 11_Q11	2.17 - Non-Underground Mitigation This combination of location-specific benefits and risks is consistent with the prior decision-free approach we used to select projects and mitigations for completion in 2023. It would help drive the cost calculation after the previous decision-free based analysis and it would save time & effort?	2.17 - Non-Underground Mitigation This combination of location-specific benefits and risks is consistent with the prior decision-free approach we used to select projects and mitigations for completion in 2023. It would help drive the cost calculation after the previous decision-free based analysis and it would save time & effort?	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-11-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-11-Response.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-05 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements	ACI23-29 Fire Potential Index and Ignition Probability Weather Enhancements
54	MGRA	Data Request No. 12	MGRA_Data Request No. 12	12	MGRA_Data Request No. 12_Q12	Table ACIPG&E-23-06-1 Please provide the status and at these workshops, indicated for any confidential material.	Please reference the table below for preparation materials for the workshops identified: Workshop Title: Attachment Name Rollout and Common Testing Date: May 2, 2023 WMP-Denver2023-2025_DR_MGRA_009-02126401.pdf Data Sensitivity: Public WMP-Denver2023-2025_DR_MGRA_009-02126402.pdf New Technology: No Date: April 17, 2023 WMP-Denver2023-2025_DR_MGRA_009-02126403.pdf Maintenance and Inspections Date: May 2, 2023 WMP-Denver2023-2025_DR_MGRA_009-02126404.pdf Enhancement Testing Date: August 7, 2023 WMP-Denver2023-2025_DR_MGRA_009-02126405.pdf Identifying the Attachment Name New Technology: EPD Date: November 8, 2023 WMP-Denver2023-2025_DR_MGRA_009-02126406.pdf New Technology: No	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-12-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-12-Response.pdf</a>	7	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-06 - Construction of Grid Restoring Joint Studies	ACI23-06 Construction of Grid Restoring Joint Studies
55	MGRA	Data Request No. 13	MGRA_Data Request No. 13	13	MGRA_Data Request No. 13_Q13	Early Fault Detection/Distribution Fault Anticipation Are EPD circuits being deployed for circuits that are being used for undergrounding?	EPSS has avoided scheduling circuitwork segments with known undergrounding activities for Early Fault Detection (EPD) equipment.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-13-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-13-Response.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-07 - Deployment of New Technologies	ACI23-07 - Deployment of New Technologies
56	MGRA	Data Request No. 14	MGRA_Data Request No. 14	14	MGRA_Data Request No. 14_Q14	What would be the final year that a circuit will be undergrounded that might potentially be implemented with an EPD?	Not applicable, please see the question in Question No. 13 for an explanation.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-14-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-14-Response.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-07 - Deployment of New Technologies	ACI23-07 - Deployment of New Technologies
57	MGRA	Data Request No. 15	MGRA_Data Request No. 15	15	MGRA_Data Request No. 15_Q15	Please provide a list of representative ignitions for the last two years including the following additional attributes: a. rating system at the time of the ignition (R1, R1, R2, etc) b. whether circuit was implemented with active EPD c. whether circuit was implemented with active EPSS d. whether EPSS was activated at the time of the ignition.	Please see attachment "WMP-Denver2023-2025_DR_MGRA_009-02126401" for the requested information. Please note that for requested PFI, please provide Fire Potential Index (FPI) ratings only for circuits with a Fire Index (FI) of 90.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-15-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-15-Response.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-05 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements	ACI23-29 Fire Potential Index and Ignition Probability Weather Enhancements
58	MGRA	Data Request No. 16	MGRA_Data Request No. 16	16	MGRA_Data Request No. 16_Q16	Please provide a list of outages for the last two years including the following additional attributes: a. rating system at the time of the outage (R1, R1, R2, etc) b. whether circuit was implemented with active EPD c. whether circuit was implemented with active EPSS d. whether EPSS was activated at the time of the outage.	Please see attachment "WMP-Denver2023-2025_DR_MGRA_009-02126401" for the requested information.	Joseph Michael	4/9/2024	4/1/2024	4/1/2024	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-16-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-16-Response.pdf</a>	1	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACIPG&E-23-05 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements	ACI23-29 Fire Potential Index and Ignition Probability Weather Enhancements
59	OES	001	OES_001	9	OES_001_Q9	Regarding Profiles Level Risk Analysis and Risk Speed Efficiency a. Provide an example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. Also include the level of interdependence of the risks. b. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. c. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. d. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. e. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. f. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. g. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. h. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. i. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. j. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. k. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. l. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. m. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. n. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. o. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. p. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. q. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. r. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. s. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. t. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. u. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. v. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. w. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. x. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. y. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. z. An example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel.	Based on the WMP-Denver2023-2025 DR, which is based on circuit segments, circuit segments are aggregated in the enterprise wildfire risk model to calculate mitigation program benefits at the portfolio level. The function, in this case, an example of how risk was incorporated in a portfolio, and if not how risk interdependencies between the risks are explicitly reflected in the portfolio. Response should be provided in Excel. Also include the level of interdependence of the risks.	Colin Lang	4/9/2023	4/10/2023	4/10/2023	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-59-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-59-Response.pdf</a>	2	N/A	7.1.4.1	Wildfire Mitigation Strategy Development	Identifying and Evaluating Mitigation Initiatives	N/A
60	OES	001	OES_001	1	OES_001_Q1	Regarding FPI's: The Assessment Tool (TAT) Consolidating FPI's has been described in Enhanced Vegetation Management (EVM) program: a. How is FPI's used and planned to use the TAT? b. What inspection program, if any, listed in Section 8.2.2 will use the TAT? c. FPI's is not using in TAT, why has it discontinued to use?	The TAT was developed for the EVM program. The TAT will no longer be utilized as the EVM program concludes the end of 2022. There are no current plans to utilize TAT to support other VM programs. The EVM program is currently in Section 8.2 of the 2023-2025 WMP plan for wildfire risk with the TAT at this time. Please see the EVM program to part (a) of this question. The EVM program is currently in Section 8.2 of the 2023-2025 WMP plan for wildfire risk with the TAT at this time. Please see the EVM program to part (a) of this question.	Colin Lang	4/9/2023	4/10/2023	4/10/2023	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-60-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-60-Response.pdf</a>	0	N/A	8.2.2	Vegetation Management and Inspections	Vegetation Management and Inspections	N/A
70	OES	001	OES_001	2	OES_001_Q2	Regarding FPI's: The Assessment Tool (TAT) Consolidating FPI's has been described in Enhanced Vegetation Management (EVM) program: a. How is FPI's used and planned to use the TAT? b. What inspection program, if any, listed in Section 8.2.2 will use the TAT? c. FPI's is not using in TAT, why has it discontinued to use?	The TAT was developed for the EVM program. The TAT will no longer be utilized as the EVM program concludes the end of 2022. There are no current plans to utilize TAT to support other VM programs. The EVM program is currently in Section 8.2 of the 2023-2025 WMP plan for wildfire risk with the TAT at this time. Please see the EVM program to part (a) of this question. The EVM program is currently in Section 8.2 of the 2023-2025 WMP plan for wildfire risk with the TAT at this time. Please see the EVM program to part (a) of this question.	Colin Lang	4/9/2023	4/10/2023	4/10/2023	<a href="https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-70-Response.pdf">https://www.gwp.com/assets/uploads/2024/04/01/EPSS-Data-Request-No-70-Response.pdf</a>	0	N/A	8.2.2.6	Vegetation Management and Inspections	High-Risk Species	N/A

Item ID	Category	Priority	Due Date	Current Status	Dependencies	Responsible Party	Start Date	End Date	Frequency	Impact	Notes				
71	DES	001	001	001	001	DES_01_03	3	001	001	3	N/A	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspectors	N/A
71	DES	001	001	001	001	DES_01_03a	30a	001	001	0	N/A	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspectors	N/A
71	DES	001	001	001	001	DES_01_03aV	30aV	001	001	2	N/A	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspectors	N/A
72	DES	001	001	001	001	DES_01_04	4	001	001	0	N/A	8.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory	N/A
73	DES	001	001	001	001	DES_01_05	5	001	001	1	N/A	8.2.3	Vegetation Management and Inspections	Wood or Stake Management	N/A
74	DES	001	001	001	001	DES_01_06	6	001	001	0	N/A	8.2.3	Vegetation Management and Inspections	Cleanance	N/A
75	DES	001	001	001	001	DES_01_07	7	001	001	4	N/A	Appendix B	Supporting Documentation for Risk Methodology and Assessment Definitions	Detailed Model Documentation	N/A
76	DES	001	001	001	001	DES_01_08	8	001	001	1	N/A	6.1.2	Risk Methodology and Assessment	Summary of Risk Models	N/A











329	026	004	004	004	13	026_004_013	<p>Regarding PG&amp;E's Asset Tracking Database</p> <p>Will PG&amp;E provide information in the 2023-25 WMP's Appendix F on its overall progress in Asset Inventory Data? Specifically, is not clear what PG&amp;E's progress is in the high-voltage electric distribution assets, such as primary conductors and poles, that are on the Asset Registry and therefore not included in the WMP's tables. Is it correct that PG&amp;E's plans and progress on the Asset Registry Data Quality Program (ARDQ) include providing the data, including the data file, as appropriate?</p> <p>Location of assets in monitoring and controlling existing electric distribution asset types in high-voltage (HV) District (EPD).</p> <p>2. District monitoring plans and timelines on the brown gaps on the table ID-04 prioritized asset types (Table 2.17, p. 96) in the EPD. The current protocol should address specific actions being taken and the timeline to address the gaps in the historical data on service orders and primary conductor risk prioritized asset types listed in the EPD.</p> <p>3. Does the Asset Data Quality Remediation Initiative (p. 96) include a discrete project aimed at addressing specific gaps in the high-voltage electric distribution asset types in the EPD?</p> <p>4. On p. 96, it states that 2022 "over 25 Critical Data Elements (CDEs) were identified. Of this number include any new and/or primary conductors in 2022?"</p> <p>5. Please describe what actions were taken after the missing assets based on the ARDQ. Provide the timeline of the ARDQ and the timeline of the CDEs. Please include any other data quality programs that PG&amp;E has implemented. For example, the ARDQ includes a list of data shown in "Appendix F.3 - PG&amp;E 2023-25 Progress on Filings Asset Inventory Data Cap" include:</p> <ul style="list-style-type: none"> <li>1. The number of primary conductors in 2022. Please provide the number of records of assets in the EPD.</li> <li>2. The number of Data Quality Programs (Table 23.33) are recommended for filling the missing historical high-voltage asset types in the EPD?</li> <li>3. What is PG&amp;E's estimated number of poles and primary conductors that are missing from the Asset Count v4? Table 23.33-1 "Current Fill Rates" of the poles and primary conductors that are missing, how many are in the EPD?</li> </ul> <p>TABLE PG&amp;E-23-33-1, CURRENT FILL RATES 166</p> <p>Asset Family Asset Line Asset Component Asset Cover All Asset Data Value</p>	Colin Lang	5/4/2023	5/23/2023	5/23/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	1	N/A	Appendix D - Areas for Continued Improvement	ARDQ PG&E-23-33 - Progress on Filings Asset Inventory Data Cap	N/A	
340	026	004	004	004	14	026_004_014	<p>Regarding PG&amp;E's Use of Demand Collector Detection (DCD) and Partial Voltage Detection (PVD)</p> <p>1. Provide any analysis completed on reliability impacts due to DCD, including:</p> <ul style="list-style-type: none"> <li>a. The number of outages due to DCD in 2022 and 2023</li> <li>b. The number of outages broken down by cause (based on ignition drivers listed in Table 6 of the QDR) that resulted in a DCD in 2022 and 2023</li> <li>c. Criteria used for DCD evaluation (if applicable)</li> <li>d. The number of customer records impacted from DCD outages</li> <li>e. Any mitigation PG&amp;E is using to reduce reliability impacts from DCD implementation, including lessons learned from any DCD</li> </ul> <p>2. Provide any analysis completed on reliability impacts due to PVD, including:</p> <ul style="list-style-type: none"> <li>a. The number of outages broken down by cause (based on ignition drivers listed in Table 6 of the QDR) that resulted in a PVD in 2022 and 2023</li> <li>b. Criteria used for PVD evaluation (if applicable)</li> <li>c. The number of total customer records impacted from PVD outages</li> <li>d. Any mitigation PG&amp;E is using to reduce reliability impacts from PVD implementation, including lessons learned from any PVD</li> <li>e. When evaluating outages due to DCD, are PVD and PVD outages included as part of that evaluation?</li> <li>f. If so, what is the number of additional outages caused by PVD and DCD respectively in 2022?</li> <li>g. If not, how does PG&amp;E account for and track any associated reliability and safety impacts from DCD and PVD implementation, and how does that inform changes to the two programs?</li> </ul>	Colin Lang	5/4/2023	5/9/2023	5/9/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	0	N/A	8.1.2.10	Grid Design and System Hardening	Demand Collector Detection Devices	N/A
341	026	004	004	004	15	026_004_015	<p>Regarding Feasibility Constraints</p> <p>PG&amp;E must provide an explanation of how, if at all, feasibility constraints impact the decision making of the Wildfire Governance Steering Committee in selecting a portfolio of mitigation measures that decrease the risk of the proposed mitigation. This includes:</p> <ul style="list-style-type: none"> <li>a. A list of any feasibility constraints that are included in the Wildfire Governance Steering Committee's decision-making process.</li> <li>b. A list of any feasibility constraints that are not included in the Wildfire Governance Steering Committee's decision-making process.</li> <li>c. The relationship between any "fit" outages and WFE</li> <li>d. The relationship between WFE and mitigation</li> <li>e. Any associated costs in prioritization due to implementing feasibility constraints.</li> <li>f. A list of any projects not included within the WFE due to feasibility constraints.</li> </ul>	Colin Lang	5/4/2023	5/9/2023	5/9/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	1	N/A	Appendix D	Appendix D - Areas for Continued Improvement	Wildfire Mitigation	N/A
342	026	004	004	004	16	026_004_016	<p>Regarding Effectiveness of EPDS</p> <p>1. Provide the formula and calculation used by PG&amp;E to determine the effectiveness of EPDS.</p> <p>2. Provide any analysis demonstrating adequate coverage of EPDS and wildfire risk in response to PG&amp;E's mitigation as directly addressing wildfire risk reported by reliability.</p> <p>3. Provide PG&amp;E's rationale for measuring EPDS-decked mitigation measures, including noise and work hours added across from wildfire risk mitigation. The should also include asset management related mitigations.</p>	Colin Lang	5/4/2023	5/9/2023	5/9/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	2	N/A	8.1.8.11	Grid Design, Operations, and Maintenance	Protective Equipment and Device Settings	N/A
343	026	004	004	004	17	026_004_017	<p>Regarding PG&amp;E's Underpinning Program</p> <p>1. Provide the cumulative V1 and V2 scores of the 2022 WMP vs. 2023 WMP underpinning scope for 2023-2025. This should include not only scores for feasibility.</p> <p>2. Provide the analysis on the remaining risk of the risks no longer scoped for underpinning, including:</p> <ul style="list-style-type: none"> <li>a. Reasons why the risks are no longer being scoped for underpinning in the future</li> <li>b. The number of risks scoped for the future (past 2026)</li> <li>c. Alternative mitigation being used or longer scoped for underpinning</li> </ul>	Colin Lang	5/4/2023	5/9/2023	5/10/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	2	N/A	8.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment - Distribution	N/A
349	026	005	005	005	1	026_005_001	<p>Regarding Maturity Survey responses to Section 1.4 Question 8B, PG&amp;E answered "yes" that sections of the Company's Emergency Response Team (CERT) does PG&amp;E provide a discussion of gaps, limitations, and improvement areas with completed or planned activities and a timeline to address any PPSO? If a discussion is contained in other documents, provide those and cite what section of the discussion is contained in.</p>	Colin Lang	5/11/2023	5/19/2023	5/19/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	3	N/A	Maturity Survey	Maturity Survey	N/A	
350	026	005	005	005	2	026_005_002	<p>Regarding Maturity Survey responses to Section 1.4 Question 8C, PG&amp;E answered "yes" that an external third-party evaluation is conducted every five years.</p> <p>Please provide a copy of the most recent third party evaluation.</p>	Colin Lang	5/11/2023	5/19/2023	5/19/2023	<a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a> <a href="#">https://www.pge.com/assets/asset-inventory-data-quality-program/</a>	0	N/A	Maturity Survey	Maturity Survey	N/A	





447	OES	012	OES_012	2	OES_012_02	<p>Q22. Regarding PG&amp;E's Response to RW-PG&amp;E-23-03</p> <p>a. In its response relating to EPSS, PG&amp;E states that it does not have detailed mitigation effectiveness analysis at this time. These analyses are being developed based on subject matter expertise while empirical data is being collected.</p> <p>b. Explain what is meant by this statement, particularly how PG&amp;E provides effectiveness estimates for EPSS previously.</p> <p>c. In PG&amp;E's 2023-2025 WMAP, PG&amp;E provides an estimated effectiveness of 60% for EPSS. In 2022, this was an overall effectiveness estimate. If not, why?</p> <p>d. What does PG&amp;E plan in calculating a more updated effectiveness estimate? What factors is PG&amp;E including in the calculation?</p>	Debra Smith	8/30/2023	9/5/2023	9/30/2023	<p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf</a></p> <p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf</a></p>	0	N/A	8.1.2.10	Grid Design and System Hardening	Owned Conductor Detection Devices	N/A
448	OES	012	OES_012	3	OES_012_03	<p>Q23. Regarding PG&amp;E's Response to RW-PG&amp;E-23-04</p> <p>a. Table RW-PG&amp;E-23-04: Issues "Agged Backing Units Remaining" and "Agged Backing Units Remaining". Provide these same numbers for each year, broken down by non-pole ignition risk, ignition risk, and non-ignition risk respectively.</p> <p>b. Provide a table of EPSS, provide the following data broken down annually:</p> <ol style="list-style-type: none"> <li>The number of instances in which PG&amp;E conducted a work order in response to an FFR.</li> <li>The number of instances in which PG&amp;E conducted a work order in place of an existing work order in response to an FFR.</li> <li>The number of instances in which PG&amp;E conducted work orders in response to an FFR.</li> <li>Details on how PG&amp;E tracks the above (i) through (iii) within its databases. If PG&amp;E does not currently track such instances, explain why.</li> <li>How PG&amp;E continues to conduct annual FFRs on all Priority E tags?</li> <li>Provide all of PG&amp;E's mitigation for workorders and resources leading to handling in backlog. This should include, but not be limited to: <ul style="list-style-type: none"> <li>Resource planning, including workforce and personnel</li> <li>Resource allocation, such as obtaining needed equipment and supply chain issues, and how PG&amp;E intends on handling them</li> <li>Resource performance monitoring and tracking, including details on how to identify, quantify, and respond to repairs</li> <li>How is PG&amp;E tracking and prioritizing ignition risk tags that are Priority E or F?</li> </ul> </li> </ol>	Debra Smith	8/30/2023	9/27/2023	9/27/2023	<p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf</a></p> <p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf</a></p>	0	N/A	8.1.2.2	Open Work Orders	Open Work Orders - Distribution Tags	N/A
458	OES	013	OES_013	1	OES_013_01	<p>Q31. Regarding Section 6.1.1, risk score calculations</p> <p>a. An unclear data table in its revised 2023-2025 WMAP (version 01) whether PG&amp;E uses probability distributions or maximum values in its risk score calculations. Modified (LRF) multiplied by consequence (CWF) in pages 173-174 question 6 PG&amp;E chooses how a classifier system is used to calculate mean (average) WMA by year which are then aggregated to a risk score.</p> <p>b. These explanations of how consequences are calculated in section 6 appears inconsistent with Table 3.2.2.3 on page 908 (section 5) in the table where maximum population impact from Technetium simulation is used to calculate safety consequence and that maximum building impact from Technetium simulation is used to calculate financial consequence.</p> <p>c. To address the data request:</p> <ol style="list-style-type: none"> <li>Please indicate whether the consequence component of PG&amp;E's risk score calculations (CWF) uses average or maximum values.</li> <li>If PG&amp;E uses maximum values in the consequence component of its risk score calculations, please indicate which analyses use max and which use average values.</li> </ol>	Debra Smith	9/6/2023	9/19/2023	9/30/2023	<p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf</a></p> <p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf</a></p>	0	N/A	6.1.1.1	Risk Score Calculators	N/A	N/A
460	OES	014	OES_014	1	OES_014_01	<p>Q31. Regarding Wildlife Benefit Cost Analysis</p> <p>a. In PG&amp;E's Supplemental Revision Notice Response, PG&amp;E states that it will be moving away from the WBE to a Wildlife Benefit Cost Analysis (WBCA) at the ground request level. If so:</p> <ol style="list-style-type: none"> <li>How does PG&amp;E determine which mitigation are used in combination when evaluating adverse effectiveness (i.e. the example in Table RW-PG&amp;E-23-05-05 shows covered conductors with EPSS and DCDD)? Please provide the calculations used for the maximum risk reduction shown in Table RW-PG&amp;E-23-05-05 (i.e. 86).</li> <li>How does PG&amp;E calculate the maximum risk reduction for covered conductors with EPSS and DCDD?</li> <li>How does PG&amp;E calculate the maximum risk reduction for covered conductors with EPSS and DCDD?</li> <li>What is PG&amp;E's timeline for the development and implementation of WBCA? This should include, but not be limited to how PG&amp;E is planning on sharing WBE or WBCA, as well as other PG&amp;E's undergrounding and hardening plans will be informed by WBCA opposed to WBE.</li> <li>How PG&amp;E analyzed the proportion of mitigation selection between implementing WBE vs. WBCA? so, provide all such supporting analysis.</li> </ol>	Debra Smith	10/6/2023	10/11/2023	10/11/2023	<p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf</a></p> <p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf</a></p>	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment	N/A
461	OES	014	OES_014	2	OES_014_02	<p>Q22. Regarding backing risk reduction</p> <p>a. Provide PG&amp;E's calculations for risk reduction percentages broken down annually for both the initial open tier mitigation target in PG&amp;E's Table PG&amp;E-23-04 (i.e. 1.7% PG&amp;E's original 2023-2025 WMAP Mitigation Plan, p. 450) compared to the revised Table PG&amp;E-23-04 (i.e. 1.7% PG&amp;E's revised 2023-2025 WMAP as well as its Supplemental Revision Notice Response, p. 555). This should include a discussion of how PG&amp;E's calculations for risk reductions are used to both a reduction in risk units and overall risk impact.</p> <p>b. Provide PG&amp;E's revised calculations for risk reduction percentages for its original 2023-2025 WMAP plan for backing mitigation compared to PG&amp;E's new plan for addressing backing as outlined in its Supplemental Revision Notice Response. This should also include any changes to the methodology of PG&amp;E's FFRs and F tags that may not follow ISO 9500 requirements due to backing. This should include a discussion of how PG&amp;E's calculations for risk reductions, as well as overall risk impact.</p> <p>c. Explain the difference between the percent risk units and the % risk impact as shown in Table RW-PG&amp;E-23-04 (p. 50) for instance, 2023 has a 4 percent risk unit reduction, but only a 2.4 percent risk impact reduction).</p>	Debra Smith	10/6/2023	10/11/2023	10/11/2023	<p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf</a></p> <p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf</a></p>	0	N/A	8.1.7	Open Work Orders	N/A	N/A
467	OES	015	OES_015	1	OES_015_01	<p>Regarding confirmation of 2024-2025 targets.</p> <p>a. PG&amp;E's 2023-2025 WMAP Revision 1, Table 3.1.7.2 (page 555) shows that PG&amp;E expects to close 68,200 backing distribution ignition risk tags in 2024 and 59,000 backing distribution ignition risk tags in 2025. PG&amp;E's targets in Tables 3.1.7.2 and PG&amp;E-23-04 do not reflect the same overall number of backing ignition risk tags (68,200 in 2024 and 59,000 in 2025). Please explain how these targets of closing 46,000 distribution backing tags in 2024 and 46,000 distribution backing tags in 2025.</p> <p>b. Clarify that PG&amp;E intends for its targets to reflect the target and commitment made in its 2023-2025 WMAP Revision 1, Table 3.1.7.2 (page 555).</p> <p>c. If not, explain the discrepancy between the commitment to close 68,200 backing distribution ignition risk tags in 2024 and 59,000 backing distribution ignition risk tags in 2025 (Table 3.1.7.2, page 555) to the target outlined in Tables 3-1 and RW-PG&amp;E-23-04.</p>	Debra Smith	11/30/2023	11/30/2023	11/30/2023	<p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-A-EPSS-Updated-2023-08-30.pdf</a></p> <p><a href="https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf">https://www.pge.com/content/dam/pge/forms-and-publications/2023-2025-WMAP-Appendix-B-EPSS-Updated-2023-08-30.pdf</a></p>	0	N/A	8.1.7	Open Work Orders	N/A	N/A

388	OES	016	OES_016	1	OES_016_01	<p>201. Regarding PG&amp;E's Response to PG&amp;E-23-10:</p> <p>a. PG&amp;E's response to PG&amp;E-23-10 is that the following information will be regularly reported for the following items:</p> <ul style="list-style-type: none"><li>1) PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</li><li>2) PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</li><li>3) PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</li><li>4) PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</li><li>5) PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</li></ul> <p>b. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>c. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>d. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>e. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>f. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>g. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>h. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>i. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>j. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>k. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>l. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>m. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>n. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>o. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>p. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>q. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>r. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>s. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>t. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>u. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>v. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>w. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>x. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>y. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p> <p>z. PG&amp;E will enhance the One VM application for Resilience and Second Panel to include capability to capture factors for prescribing trees for removal.</p>	Bred Hill	4/23/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_016-01.pdf">https://www.pge.com/assets/pdf/2023-2025_OES_016-01.pdf</a>	4	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-10 Implementation of Focused Tree Inspections and Addressing the Risk from Hazard Trees	ACI-23-10 Implementation of Focused Tree Inspections and Addressing the Risk from Hazard Trees																
389	OES	016	OES_016	2	OES_016_02	<p>202. Regarding PG&amp;E's Quarterly Targets for Resilience Patrol:</p> <p>a. PG&amp;E 2023 OES 016 02 Quarterly Targets for Resilience Patrol - Distribution (06-16), 2023 and 2024 targets are included for reference.</p> <p>b. PG&amp;E's Resilience Patrol Targets by Year to Circuit Mileage:</p> <table border="1"><thead><tr><th>Year</th><th>End of Q2</th><th>End of Q3</th><th>End of Year</th></tr></thead><tbody><tr><td>2023</td><td>11,761</td><td>11,800</td><td>12,000</td></tr><tr><td>2024</td><td>13,325</td><td>13,460</td><td>13,600</td></tr><tr><td>2025</td><td>15,000</td><td>15,135</td><td>15,270</td></tr></tbody></table> <p>c. Why has PG&amp;E's end of Q2 and end of Q3 targets for Resilience Patrol decreased year-over-year since 2023?</p> <p>d. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>e. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p>	Year	End of Q2	End of Q3	End of Year	2023	11,761	11,800	12,000	2024	13,325	13,460	13,600	2025	15,000	15,135	15,270	Bred Hill	4/23/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_016-02.pdf">https://www.pge.com/assets/pdf/2023-2025_OES_016-02.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-10 Inspections in Cabled Distribution Devices	ACI-23-10 Inspections in Cabled Distribution Devices
Year	End of Q2	End of Q3	End of Year																														
2023	11,761	11,800	12,000																														
2024	13,325	13,460	13,600																														
2025	15,000	15,135	15,270																														
400	OES	016	OES_016	3	OES_016_03	<p>203. Regarding PG&amp;E's Adjustments to its WORM:</p> <p>a. PG&amp;E's WORM Update, PG&amp;E increases the change made between its Wireless Distribution Risk Model (WDRM) Version 1.020 (Version 4.14), based off the changes, provide:</p> <ul style="list-style-type: none"><li>1) An updated version of Table 6-4 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li><li>2) An updated version of Table 6-5 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li><li>3) An updated version of Table 6-6 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li><li>4) An updated version of Table 6-7 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li></ul> <p>b. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>c. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p>	Bred Hill	4/23/2024	4/23/2024	4/23/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_016-03.pdf">https://www.pge.com/assets/pdf/2023-2025_OES_016-03.pdf</a>	0	N/A	6	Section 8 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1. WDRM v4																
400	OES	016	OES_016	3a)	OES_016_03a)	<p>203. Regarding PG&amp;E's Adjustments to its WORM:</p> <p>a. PG&amp;E's WORM Update, PG&amp;E increases the change made between its Wireless Distribution Risk Model (WDRM) Version 1.020 (Version 4.14), based off the changes, provide:</p> <ul style="list-style-type: none"><li>1) An updated version of Table 6-4 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li><li>2) An updated version of Table 6-5 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li><li>3) An updated version of Table 6-6 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li><li>4) An updated version of Table 6-7 from the 2023-2025 WORM based on any changes made to the top risk circuit segments between V3 and V4.</li></ul> <p>b. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>c. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p>	Bred Hill	4/23/2024	5/8/2024	5/8/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_016-03a).pdf">https://www.pge.com/assets/pdf/2023-2025_OES_016-03a).pdf</a>	1	N/A	6.1.2	Section 8 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	B.1.1. WDRM v4																
444	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	1	CPUC - SPD (Safety Policy Division)_016_01	<p>In response to ACI PG&amp;E-23-13 - Workforce Planning and Resource Allocation to Respond to EPFS Events, Customer Average Interruption Duration Index (CAIDI) metric PG&amp;E indicated customer on average experiencing 195 seconds of outage in 2022 and 193 seconds in 2023. What was the key reason(s) for the decrease in the CAIDI metric from 2022 to 2023?</p> <p>Excluding Major Event Days (MEDs), the increase in CAIDI from 2022 to 2023 was approximately seven minutes. In 2023, the following factors contributed to the increase in CAIDI:</p> <ul style="list-style-type: none"><li>1. The joint Investor-Owned Utility (IOU) meetings were held with SDG&amp;E and Southern California Edison (SCE).</li><li>2. The joint meetings were held in response to a specific Area of Continued Improvement (ACI).</li><li>3. The joint meetings were held in response to a specific Area of Continued Improvement (ACI).</li><li>4. The joint meetings were held in response to a specific Area of Continued Improvement (ACI).</li><li>5. The joint meetings were held in response to a specific Area of Continued Improvement (ACI).</li></ul>	Henry Swast	5/30/2024	6/4/2024	6/4/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_016-01.pdf">https://www.pge.com/assets/pdf/2023-2025_OES_016-01.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-13	ACI-23-13 Workforce Planning and Resource Allocation																
405	OES	017	OES_017	1	OES_017_01	<p>Regarding the Joint Utility Consumer Collaboration (UCC) Meeting, UCC attendees include:</p> <ul style="list-style-type: none"><li>1. PG&amp;E</li><li>2. SCE</li><li>3. SDG&amp;E</li><li>4. Southern California Edison (SCE)</li><li>5. San Diego Gas &amp; Electric (SDG&amp;E)</li><li>6. San Diego Electric Service, Inc.</li></ul> <p>a. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>b. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>c. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>d. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p> <p>e. How will PG&amp;E ensure that the HFTD and other high risk areas are inspected in a timely manner to mitigate wildfire risk during wildfire season?</p>	Bred Hill	4/30/2024	5/20/2024	5/20/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_017-01.pdf">https://www.pge.com/assets/pdf/2023-2025_OES_017-01.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04	ACI-23-04 Cross-Utility Collaboration on Best Practices																
406	OES	017	OES_017	2	OES_017_02	<p>Regarding the Utility Underwriting Working Group Meetings:</p> <p>a. The general objective of these meetings is to discuss the challenges associated with underwriting. (B. 4E, response to PG&amp;E-23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change, Resilience, and Community Vulnerability in Consumer Modeling, and Utility Valuation Management for Wireless Safety").</p> <p>b. The general objective of these meetings is to discuss the challenges associated with underwriting. (B. 4E, response to PG&amp;E-23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change, Resilience, and Community Vulnerability in Consumer Modeling, and Utility Valuation Management for Wireless Safety").</p> <p>c. The general objective of these meetings is to discuss the challenges associated with underwriting. (B. 4E, response to PG&amp;E-23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change, Resilience, and Community Vulnerability in Consumer Modeling, and Utility Valuation Management for Wireless Safety").</p> <p>d. The general objective of these meetings is to discuss the challenges associated with underwriting. (B. 4E, response to PG&amp;E-23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change, Resilience, and Community Vulnerability in Consumer Modeling, and Utility Valuation Management for Wireless Safety").</p> <p>e. The general objective of these meetings is to discuss the challenges associated with underwriting. (B. 4E, response to PG&amp;E-23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change, Resilience, and Community Vulnerability in Consumer Modeling, and Utility Valuation Management for Wireless Safety").</p>	Bred Hill	4/23/2024	5/20/2024	5/20/2024	<a href="https://www.pge.com/assets/pdf/2023-2025_OES_017-02.pdf">https://www.pge.com/assets/pdf/2023-2025_OES_017-02.pdf</a>	0	N/A	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04	ACI-23-04 Cross-Utility Collaboration on Best Practices																

007	DES	017	DES_017	3	DES_017_03	<p>1. PG&amp;E SCE and SDG&amp;E held four joint Utility meetings to discuss utility topics between January and April 2024. Each Utility meeting had two monthly meetings, one in-person and one virtually. In-person meetings are typically held once per week. Virtual meetings are typically held once per day. Each meeting is approximately four hours in duration.</p> <p>a. The meeting sessions, time and host organization are as follows:</p> <ul style="list-style-type: none"> <li>January 10, 2024, 10:00 am - 12:00 pm</li> <li>January 10, 2024, 12:30 pm - 4:30 pm</li> <li>February 1, 2024, 9:00 am - 12:00 pm</li> <li>March 14, 2024, 9:00 am - 12:00 pm</li> <li>March 14, 2024, 12:30 pm - 4:00 pm</li> <li>April 12, 2024, 9:00 am - 12:00 pm</li> <li>April 12, 2024, 12:30 pm - 4:00 pm</li> </ul> <p>b. Please see the Meeting Minutes for the agendas for the monthly working sessions.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	4/20/2024	5/20/2024	5/20/2024	<a href="https://www.pge.com/assets/pdfs/2024-01-10-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-01-10-Utility-Meeting-Minutes.pdf</a> <a href="https://www.pge.com/assets/pdfs/2024-02-01-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-02-01-Utility-Meeting-Minutes.pdf</a> <a href="https://www.pge.com/assets/pdfs/2024-03-14-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-03-14-Utility-Meeting-Minutes.pdf</a> <a href="https://www.pge.com/assets/pdfs/2024-04-12-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-04-12-Utility-Meeting-Minutes.pdf</a>	4	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04	ACI 23-04 Cross-Utility Collaboration on Best Practices
008	DES	017	DES_017	4	DES_017_04	<p>Regarding the Joint Utility Meeting on the WMP:</p> <p>1. No, these meetings are not in response to a specific Area of Continued Improvement.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	4/20/2024	5/20/2024	5/20/2024	<a href="https://www.pge.com/assets/pdfs/2024-01-10-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-01-10-Utility-Meeting-Minutes.pdf</a> <a href="https://www.pge.com/assets/pdfs/2024-02-01-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-02-01-Utility-Meeting-Minutes.pdf</a> <a href="https://www.pge.com/assets/pdfs/2024-03-14-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-03-14-Utility-Meeting-Minutes.pdf</a> <a href="https://www.pge.com/assets/pdfs/2024-04-12-Utility-Meeting-Minutes.pdf">https://www.pge.com/assets/pdfs/2024-04-12-Utility-Meeting-Minutes.pdf</a>	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04	ACI 23-04 Cross-Utility Collaboration on Best Practices
016	DES	016	DES_016	1	DES_016_01	<p>Regarding FT Inventory Only Traps:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	5/10/2024	5/10/2024	5/10/2024	<a href="https://www.pge.com/assets/pdfs/2024-05-10-Inventory-Only-Traps-Test-Plan.pdf">https://www.pge.com/assets/pdfs/2024-05-10-Inventory-Only-Traps-Test-Plan.pdf</a>	2	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 Continued Progress of Vegetation Management Maturity	ACI 23-19 Continued Progress of Vegetation Management Maturity
017	DES	016	DES_016	2	DES_016_02	<p>Regarding Risk-On Substation Completed in 2023:</p> <p>1. In WMP Update, PG&amp;E states that it completed 4,700 units of new replacement projects and permanent restoration projects.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	5/10/2024	5/10/2024	5/10/2024	<a href="https://www.pge.com/assets/pdfs/2024-05-10-Risk-On-Substation-Completed-in-2023.pdf">https://www.pge.com/assets/pdfs/2024-05-10-Risk-On-Substation-Completed-in-2023.pdf</a>	1	NA	8.5.3	8.0 Wildlife Mitigations	8.5.3 Engagement with Agencies and Frontline Business Positions	2.1.2 PG&E 12,000 combined new or replacement portable habitats
029	DES	019	DES_019	1	DES_019_01	<p>Regarding PG&amp;E's response to ACI PG&amp;E-23-02:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	5/10/2024	5/10/2024	5/10/2024	<a href="https://www.pge.com/assets/pdfs/2024-05-10-PG&amp;E-Response-to-ACI-PG&amp;E-23-02.pdf">https://www.pge.com/assets/pdfs/2024-05-10-PG&amp;E-Response-to-ACI-PG&amp;E-23-02.pdf</a>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-02 Evaluation and Reporting of Safety Impact Testing of EPSS	ACI 23-02 Evaluate and Report Safety Impact Testing of EPSS
030	DES	019	DES_019	2	DES_019_02	<p>Regarding PG&amp;E's response to ACI PG&amp;E-23-02:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	5/10/2024	5/10/2024	5/10/2024	<a href="https://www.pge.com/assets/pdfs/2024-05-10-PG&amp;E-Response-to-ACI-PG&amp;E-23-02.pdf">https://www.pge.com/assets/pdfs/2024-05-10-PG&amp;E-Response-to-ACI-PG&amp;E-23-02.pdf</a>	0	NA	6.1.2	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models	8.1.1 WDRM v4
031	DES	020	DES_020	1	DES_020_01	<p>Regarding PG&amp;E's 2023 Mitigation:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	5/10/2024	5/10/2024	5/10/2024	<a href="https://www.pge.com/assets/pdfs/2024-05-10-PG&amp;E-2023-Mitigation.pdf">https://www.pge.com/assets/pdfs/2024-05-10-PG&amp;E-2023-Mitigation.pdf</a>	0	NA	9	Section 8.1.2 - Grid Design and System Restoring	8.1.2 Underpinning of electric line and/or equipment	2.1.1 GH-04 Underpinning
042	DES	021	DES_021	1	DES_021_01	<p>Regarding PG&amp;E's 2023 Distribution Reliability (DR) Risk Report:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Brad Hill	5/10/2024	5/10/2024	5/10/2024	<a href="https://www.pge.com/assets/pdfs/2024-05-10-DR-Risk-Report.pdf">https://www.pge.com/assets/pdfs/2024-05-10-DR-Risk-Report.pdf</a>	1	NA	6	Section 8.1.2 - Grid Design and System Restoring	8.1.2 Underpinning of electric line and/or equipment	2.1.1 GH-04 Underpinning
05	TURN	001	TURN_001	1	TURN_001_01	<p>Regarding ACI PG&amp;E-23-04:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Tom Long	4/20/2023	4/20/2023	4/20/2023	<a href="https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf">https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf</a>	1	NA	Appendix D	Appendix D - Areas for Continued Improvement	Appendix D - Areas for Continued Improvement	NA
04	TURN	002	TURN_002	1	TURN_002_01	<p>Regarding ACI PG&amp;E-23-04:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Tom Long	4/20/2023	4/20/2023	4/20/2023	<a href="https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf">https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf</a>	1	Yes	8.2.3	Vegetation Management and Inspections	Vegetation and Fuels Management	NA
05	TURN	002	TURN_002	2	TURN_002_02	<p>Regarding ACI PG&amp;E-23-04:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Tom Long	4/20/2023	4/20/2023	4/20/2023	<a href="https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf">https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf</a>	1	Yes	8.2.3	Vegetation Management and Inspections	Vegetation and Fuels Management	NA
06	TURN	002	TURN_002	3	TURN_002_03	<p>Regarding ACI PG&amp;E-23-04:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Tom Long	4/20/2023	4/20/2023	4/20/2023	<a href="https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf">https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf</a>	0	NA	2022 WMP Section 7.3.5.2	Vegetation Management and Inspections	Enhanced Vegetation Management	NA
07	TURN	002	TURN_002	4	TURN_002_04	<p>Regarding ACI PG&amp;E-23-04:</p> <p>1. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP. PG&amp;E is currently testing an approach to understand the reduced risk mitigation when FTIS circuits are installed. The analysis should be completed by the second quarter of 2025 to be shared with the WMP.</p> <p>2. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>3. Are these meetings in response to a specific Area of Continued Improvement?</p> <p>4. Each working session, time, and host organization.</p> <p>5. The agenda for each meeting session.</p> <p>6. Do these meetings continue these sessions in the future?</p> <p>7. Are there any plans to include these Utility, Liberty, or PG&amp;E/SDG&amp;E in these meetings?</p> <p>8. If yes, please state any past or future activities to include these entities.</p>	Tom Long	4/20/2023	4/20/2023	4/20/2023	<a href="https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf">https://www.pge.com/assets/pdfs/2023-04-20-ACI-PG&amp;E-23-04-Response.pdf</a>	1	Yes	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-20-16 - Progress and Updates on Underpinning and Risk Prioritization	NA



193	TURN	005	TURN_005_06	6	TURN_005_06	<p>For the distribution circuits on which PG&amp;E plans System Hardening underpinning (as opposed to Reliability Underpinning) as that term is used in PG&amp;E's WMP (see, e.g., Table PG&amp;E-1.1.2 on page 347), please provide PG&amp;E's best estimate of the percentage of existing poles to be affected (circuits providing primary, secondary, and services) that will be removed as a result of the proposed System Hardening underpinning strategy in 2023-2025. Please explain how PG&amp;E made this calculation and provide all inputs and assumptions.</p>	Tom Long	4/10/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
194	TURN	005	TURN_005_07	7	TURN_005_07	<p>7/10) Repeat the values for 2023-2025 in the column for Estimated System Hardening Underpinning in Table PG&amp;E-1.1.2 on page 347 of PG&amp;E's 2023-2025 WMP.</p> <p>8) For each year, please provide PG&amp;E's estimate of the overhead circuit miles that will be replaced and explain how the estimate was determined.</p>	Tom Long	4/10/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	N/A	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
195	TURN	005	TURN_005_08	8	TURN_005_08	<p>8/10) Repeat the values for 2023-2025 in the column for Estimated Distribution Circuit Reliability Miles in Table PG&amp;E-1.1.2 on page 347 of PG&amp;E's 2023-2025 WMP.</p> <p>9) Please provide PG&amp;E's estimate of the overhead circuit miles that will be replaced and explain how the estimate was determined.</p>	Tom Long	4/10/2023	4/10/2023	4/10/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
226	TURN	006	TURN_006_01	1	TURN_006_01	<p>1) Regarding the System Hardening Decision Tree provided as Attachment 3 to the response to TURN data request 2) and discussed in that response:</p> <p>a) Please define the following acronyms used in the Decision Tree:</p> <ul style="list-style-type: none"> <li>• FSD</li> <li>• FASCP</li> <li>• FISC</li> <li>• EOCIP</li> </ul>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
227	TURN	006	TURN_006_02	2	TURN_006_02	<p>2) Regarding the System Hardening Decision Tree provided as Attachment 3 to the response to TURN data request 2) and discussed in that response:</p> <p>a) Does PG&amp;E intend to use the Decision Tree for future projects during the 2023-2025 period for selecting which hardening strategy to implement for a given project?</p> <p>b) If the answer is "No," anything other than an unannotated "No," please explain each and every circumstance under which PG&amp;E intends to use the Decision Tree for future related projects.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
228	TURN	006	TURN_006_03	3	TURN_006_03	<p>3) Regarding the System Hardening Decision Tree provided as Attachment 3 to the response to TURN data request 2) and discussed in that response:</p> <p>a) Please provide a year-by-year breakdown for each of the "Yes" branches based on the best available information. Please explain how PG&amp;E defines the terms "feasible," as used in the text of the response, including the methodology that underpinning may ultimately be determined to be "feasible" and "unfeasible" as used in the Decision Tree.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
229	TURN	006	TURN_006_04	4	TURN_006_04	<p>4) Regarding the Reliability Decision Tree provided as Attachment 3 to the response to TURN data request 2) and discussed in that response:</p> <p>a) Please provide a year-by-year breakdown for each of the "Yes" branches based on the best available information. Please explain how PG&amp;E defines the terms "feasible," as used in the text of the response, including the methodology that underpinning may ultimately be determined to be "feasible" and "unfeasible" as used in the Decision Tree.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
240	TURN	006	TURN_006_05	5	TURN_006_05	<p>5) Regarding the response to TURN data request 5-4, please explain the following terms used in the last paragraph of the response:</p> <ul style="list-style-type: none"> <li>• Gray services</li> <li>• Breakaway connectors</li> </ul>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
241	TURN	006	TURN_006_06	6	TURN_006_06	<p>6) Regarding the response to TURN data request 5-6:</p> <p>a) Please explain what is meant by the term "topped" in the phrase "the overhead poles that will be topped."</p> <p>b) PG&amp;E defines the term as a rough approximation of the percentage of existing poles in the affected distribution circuit – including poles supporting primary lines, secondary lines and services – that would be removed as a result of the proposed System Hardening strategy in 2023-2025. Please provide each a rough approximation of the percentage of poles that will be topped.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
243	TURN	007	TURN_007_02	2	TURN_007_02	<p>2) Regarding the Overall Risk Model (ORM) as defined in the Overall Risk Model in Table 7.2.2 of the WMP:</p> <p>a) Please provide a year-by-year breakdown for each of the "Yes" branches based on the best available information. Please explain how PG&amp;E defines the terms "feasible," as used in the text of the response, including the methodology that underpinning may ultimately be determined to be "feasible" and "unfeasible" as used in the Decision Tree.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	1	Yes	7.1.3	Wildfire Mitigation Strategy Document	Risk-Normal Prioritization	NA
245	TURN	007	TURN_007_04	4	TURN_007_04	<p>4) Regarding the Overall Risk Model (ORM) as defined in the Overall Risk Model in Table 7.2.2 of the WMP:</p> <p>a) Please provide a year-by-year breakdown for each of the "Yes" branches based on the best available information. Please explain how PG&amp;E defines the terms "feasible," as used in the text of the response, including the methodology that underpinning may ultimately be determined to be "feasible" and "unfeasible" as used in the Decision Tree.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	0	NA	6.4.2	Risk Methodology and Assessment	Top Risk Contributing Circuits/Segments	NA
242	TURN	007	TURN_007_03	3	TURN_007_03	<p>3) Regarding the Overall Risk Model (ORM) as defined in the Overall Risk Model in Table 7.2.2 of the WMP:</p> <p>a) Please provide a year-by-year breakdown for each of the "Yes" branches based on the best available information. Please explain how PG&amp;E defines the terms "feasible," as used in the text of the response, including the methodology that underpinning may ultimately be determined to be "feasible" and "unfeasible" as used in the Decision Tree.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	1	Yes	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA
244	TURN	007	TURN_007_03	3	TURN_007_03	<p>3) Regarding the Overall Risk Model (ORM) as defined in the Overall Risk Model in Table 7.2.2 of the WMP:</p> <p>a) Please provide a year-by-year breakdown for each of the "Yes" branches based on the best available information. Please explain how PG&amp;E defines the terms "feasible," as used in the text of the response, including the methodology that underpinning may ultimately be determined to be "feasible" and "unfeasible" as used in the Decision Tree.</p>	Tom Long	4/10/2023	4/06/2023	4/06/2023	<a href="https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html">https://www.pge.com/our_work/energy_delivery/underpinning/underpinning.html</a>	1	Yes	6.1.2.2	Grid Design and System Hardening	Underpinning of Electric Lines and/or Equipment – Distribution	NA





382	TURN	013	TURN_013	1	TURN_013_Q1	<p>1. Following up on TURN QR-10-39 and PG&amp;E's response.</p> <p>2. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 720 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>3. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 770 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>4. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 800 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>5. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 830 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>6. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 860 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>7. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 890 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>8. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 920 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p>	Tom Long	5/11/2022	5/10/23	5/10/23	<a href="https://www.pge.com/customer-service/turn-qr-10-39">https://www.pge.com/customer-service/turn-qr-10-39</a>	0	NA	0	0	0	0	Grid Design, Operations, and Maintenance	Undergrounding of Electric Lines and/or Equipment	N/A
439	TURN	014	TURN_014	1	TURN_014_Q1	<p>1. Following up on TURN QR-10-39 and PG&amp;E's response.</p> <p>2. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 720 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>3. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 770 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>4. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 800 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>5. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 830 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>6. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 860 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>7. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 890 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p> <p>8. Please explain how PG&amp;E determined that a risk work per the V2 risk model above 920 constitutes the top 20% of total risk. Please provide the data used to support this. PG&amp;E's response: Please provide the data used to support this.</p>	Tom Long	9/10/2023	9/09/23	9/09/23	<a href="https://www.pge.com/customer-service/turn-qr-10-39">https://www.pge.com/customer-service/turn-qr-10-39</a>	1	NA	NA	NA	NA	NA	NA	NA	N/A
645	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q2	2	CPUC - SPD (Safety Policy Division)_016_Q2	<p>1. For emergency, what is PG&amp;E's current process and strategy proposed for addressing a new model to support subsampling regarding mitigation alternatives (e.g., migrating from NORMA v4 to NORMA v40) that have been reviewed?</p>	Henry Sweet	5/30/2024	6/4/2024	6/4/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	0	NA	0	0	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification	1. Significant Updates to Risk Models (WORM v4 to WORM v40)		
646	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q3	3	CPUC - SPD (Safety Policy Division)_016_Q3	<p>Provide a list of all memorandum (memo) and balancing accounts when WMP costs are currently being recorded as of May 31, 2024.</p> <p>2. A list of the memorandum and balancing accounts when WMP costs are being recorded provide the current status of balances as follows (if future years (e.g., 2025) are expected to use memo accounts, also include data for those as well).</p> <p>2020</p> <p>2021</p> <p>2022</p> <p>2023</p> <p>2024</p> <p>Recorded Account Capital Expenditure (\$)</p> <p>Recorded Account O&amp;M Expenditure (\$)</p> <p>Authorized O&amp;M Capital Expenditure (\$)</p> <p>Authorized O&amp;M Expenditure (\$)</p> <p>3. Reporting charges for work with budgeting for future years, how does PG&amp;E use its memo and balancing accounts for the reporting charges?</p> <p>4. Provide the data that show programmatic identification of PSPF-enabled circuits.</p> <p>5. Date reported of results from January 1, 2022</p> <p>6. Date reported of results from January 1, 2023</p> <p>7. Date reported of results from January 1, 2024</p>	Henry Sweet	5/30/2024	6/10/2024	6/10/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	1	NA	NA	4.3	4.0 Overview of WMP	4.3 Proposed Expenditures	2.3 Expenditures		
647	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q4	4	CPUC - SPD (Safety Policy Division)_016_Q4	<p>Provide the data that show programmatic identification of PSPF-enabled circuits.</p> <p>5. Date reported of results from January 1, 2022</p> <p>6. Date reported of results from January 1, 2023</p> <p>7. Date reported of results from January 1, 2024</p>	Henry Sweet	5/30/2024	6/4/2024	6/4/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	0	NA	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 AC-PG&E-23-08 Evaluation and Reporting of Safety Impacts Resulting from EPPS	AC-23-08 Evaluation and Reporting of Safety Impacts Resulting from EPPS	
648	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q5	5	CPUC - SPD (Safety Policy Division)_016_Q5	<p>Provide the data that show programmatic identification of PSPF-enabled circuits.</p> <p>5. Date reported of results from January 1, 2022</p> <p>6. Date reported of results from January 1, 2023</p> <p>7. Date reported of results from January 1, 2024</p>	Henry Sweet	5/30/2024	6/4/2024	6/4/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	0	NA	0	NA	9	Section 3 - Public Safety Power Shutoff	3.1.5 Performance Metrics Identified by the Electrical Corporation	2.1.1.1 PS-07: Reduce PSPS Impacts to Customers	
649	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q6	6	CPUC - SPD (Safety Policy Division)_016_Q6	<p>Provide the data that show programmatic identification of PSPF-enabled circuits.</p> <p>5. Date reported of results from January 1, 2022</p> <p>6. Date reported of results from January 1, 2023</p> <p>7. Date reported of results from January 1, 2024</p>	Henry Sweet	5/30/2024	6/4/2024	6/4/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	16	NA	0	0	8.2.5.6	Vegetation Management and Inspections	High-Risk Species	N/A	
650	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q7	7	CPUC - SPD (Safety Policy Division)_016_Q7	<p>Mitigation Effectiveness</p> <p>4. Reporting use of the WBCA tool to incorporate critical effectiveness components, including considerations, and location-specific mitigation effectiveness calculations, as described in the 2022 WMP Update on page 31, but all alternatives which will employ location-specific mitigation effectiveness calculations when WBCA is applied, with the WMP Initiative Activity name and Utility Mitigation Tracking ID code.</p> <p>5. Provide the data used to create Table AC-PG&amp;E-23-03-C.</p> <p>6. SPD aspects to see a CPUC-over breakdown of the risk and the expected mitigation effectiveness for each circuit.</p> <p>7. The data should include how the CPUC data is aggregated or the level in the Table AC-PG&amp;E-23-03-C, and an explanation for how this occurs.</p> <p>8. The data should also include how the risk in each circuit is aggregated and an explanation for how this occurs.</p> <p>9. Provide the data used to determine what mitigation effectiveness.</p> <p>10. Provide the data used to determine what mitigation effectiveness.</p> <p>11. Provide the data used to determine what mitigation effectiveness.</p> <p>12. Provide the data used to determine what mitigation effectiveness.</p> <p>13. Provide the data used to determine what mitigation effectiveness.</p> <p>14. Provide the data used to determine what mitigation effectiveness.</p> <p>15. Provide the data used to determine what mitigation effectiveness.</p> <p>16. Provide the data used to determine what mitigation effectiveness.</p> <p>17. Provide the data used to determine what mitigation effectiveness.</p> <p>18. Provide the data used to determine what mitigation effectiveness.</p> <p>19. Provide the data used to determine what mitigation effectiveness.</p> <p>20. Provide the data used to determine what mitigation effectiveness.</p>	Henry Sweet	5/30/2024	6/20/2024	6/20/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	2	NA	0	0	0	11.4	Appendix D - Areas for Continued Improvement	11.4 AC-PG&E-23-05 Upgrading CHD Reporting Decision Making	AC-23-05 Upgrading CHD Reporting Decision Making
651	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_Q8	8	CPUC - SPD (Safety Policy Division)_016_Q8	<p>Mitigation Effectiveness</p> <p>4. Reporting use of the WBCA tool to incorporate critical effectiveness components, including considerations, and location-specific mitigation effectiveness calculations, as described in the 2022 WMP Update on page 31, but all alternatives which will employ location-specific mitigation effectiveness calculations when WBCA is applied, with the WMP Initiative Activity name and Utility Mitigation Tracking ID code.</p> <p>5. Provide the data used to create Table AC-PG&amp;E-23-03-C.</p> <p>6. SPD aspects to see a CPUC-over breakdown of the risk and the expected mitigation effectiveness for each circuit.</p> <p>7. The data should include how the CPUC data is aggregated or the level in the Table AC-PG&amp;E-23-03-C, and an explanation for how this occurs.</p> <p>8. The data should also include how the risk in each circuit is aggregated and an explanation for how this occurs.</p> <p>9. Provide the data used to determine what mitigation effectiveness.</p> <p>10. Provide the data used to determine what mitigation effectiveness.</p> <p>11. Provide the data used to determine what mitigation effectiveness.</p> <p>12. Provide the data used to determine what mitigation effectiveness.</p> <p>13. Provide the data used to determine what mitigation effectiveness.</p> <p>14. Provide the data used to determine what mitigation effectiveness.</p> <p>15. Provide the data used to determine what mitigation effectiveness.</p> <p>16. Provide the data used to determine what mitigation effectiveness.</p> <p>17. Provide the data used to determine what mitigation effectiveness.</p> <p>18. Provide the data used to determine what mitigation effectiveness.</p> <p>19. Provide the data used to determine what mitigation effectiveness.</p> <p>20. Provide the data used to determine what mitigation effectiveness.</p>	Henry Sweet	5/30/2024	6/12/2024	6/12/2024	<a href="https://www.pge.com/customer-service/cpuc-spd">https://www.pge.com/customer-service/cpuc-spd</a>	1	NA	0	0	0	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification	1. Significant Updates to Risk Models (WORM v4 to WORM v40)	









647	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	4(2)	CPUC - SPD (Safety Policy Division)_016_04(2)	Provide GIS data that shows progressive vectorization of EPDS-enabled circuits: A. Data snapshot of circuits from January 1, 2022 B. Data snapshot of circuits from January 1, 2023 C. Data snapshot of circuits from January 1, 2024	An attachment to the response contains CONFIDENTIAL information provided pursuant to the accompanying confidentiality declaration. Please see "WMP-Discovery2022-2025_ON_SPD_016-Q004Supp0202410CONF_016_EPDS_016.pdf" Please see changes that have occurred in a circuit over time are not visually represented in GIS data. The file provided includes a snapshot of circuits that are currently active. The data shows the exact location of the vectorizing device. However, circuit ID numbers do not correspond to the attached file name. The circuit alignment included represents the entire circuit, not just the protected portion, and should be used for informational purposes.	Henry Sweet	5/30/2024	7/10/2024	7/10/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-05-30-016-epds-016.pdf">https://www.cpuc.ca.gov/info/documents/2024-05-30-016-epds-016.pdf</a>	1	N/A	114	Appendix D - Areas for Continued Improvement	8.1.4 ACI PG&E-23-28 Evaluation and Reporting of Safety Impact Pending in EPDS	ACI 23-28 Evaluation and Reporting of Safety Impact Pending in EPDS
681	CalPA	Sal WMP-01	CalPA_Sal WMP-01	1	CalPA_Sal WMP-01_01	On page A.10 of PG&E's 2023-2025 WMP RR, Table PG&E-8.1.2-3 is presented as the following (referred to herein as the July 5 table): On April 5, 2024, in response to data request CalPascorates-PGE-2023WMP-03, question 11 (CalPascorates_03Q11), PG&E provided the following version of Table PG&E-8.1.2-3 (referred to herein as the April 5 table): State the table in what PG&E made each of the following changes to Table PG&E-8.1.2-3 in the three months from April 5, 2024 to July 5, 2024: a) 2023, the total number of miles in the "Fire Retardant" category is 109 miles in the April 5 table, but 111 miles in the July 5 table. b) 2024, the total number of miles in the "Top 20% Risk-Ranked Circuit Segments" category is 204 miles in the April 5 table, but 182 miles in the July 5 table. c) 2024, the total number of miles in the "Fire Retardant" category is 49 miles in the April 5 table, but 35 miles in the July 5 table. d) 2024, the total number of miles in the "PSPS" category is 33 miles in the April 5 table, but 29 miles in the July 5 table. e) 2024, the total number of miles in the "Other UG Programs" category is 2 miles in the April 5 table, but 0 miles in the July 5 table. f) In the two-year period from 2023 to 2023, the total number of miles in the "Top 20% Risk-Ranked Circuit Segments" category is 178 miles in the April 5 table, but 171 miles in the July 5 table. g) In the two-year period from 2023 to 2023, the total number of miles in the "Fire Retardant" category is 44 miles in the April 5 table, but 41 miles in the July 5 table. h) In the two-year period from 2023 to 2023, the total number of miles in the "PSPS" category is 2 miles in the April 5 table, but 0 miles in the July 5 table.	As described in our WMP Section 8.1.2.2, PG&E's understanding of certain wildfire mitigation projects can change because of project dependencies, such as permitting and easement delivery. Further, the mitigation required by certain for the 2023 GRC Decision. Below describes the changes specifically made between when the two snapshots were published (between April 5 and July 5, 2024). a) The July 5 table incorporates miles from Calaveras Community Mutual project. These projects were inadvertently missing from all versions of the summary table prior to the July 5 version. b) This change was driven by seven projects shifting schedules from 2024 to 2025 and one from 2024 to 2026. c) As with subpart (a), the July 5 table incorporates miles from Greenlake Community Mutual projects. These projects were inadvertently missing from all versions of the summary table prior to the July 5 version. d) This change was driven by one project shifting schedule from 2024 to 2025. e) The primary driver for the change was the need to align the schedule to the 2023-2025 GRC mileage targets. These changes include removing existing projects and adding projects to the GRC risk reduction target. f) The change was driven by 10th National project schedule changes between 2024 and 2025 (one project moved from 2024 to 2025, another from 2025 to 2024), resulting in a net impact of increased miles in 2024 and reduced miles in 2025-2026. g) This change was driven by the same two projects described in subpart (c), plus one project being removed from the schedule. h) One four-mile project from the April 5 table has been removed from the July 5 table, and 17 miles from eight projects were added. Of the 17 miles added, 11 miles are in the Top 20% Risk category and will be moved accordingly once risk reduction calculations have been updated in our system of record for the associated projects. i) This change was driven by the same project described in subpart (a), as well as a single-mile project that was missing one week prior at the time of the July 5 report release. This will be updated in our system of record and will be included in future iterations of this table.	Holly Mehan	7/9/2024	7/12/2024	7/12/2024	<a href="https://www.cpuc.ca.gov/info/documents/2024-07-12-016-epds-016.pdf">https://www.cpuc.ca.gov/info/documents/2024-07-12-016-epds-016.pdf</a>	0	N/A	6	Section 8.1.2 - Grid Design and System Hardening	8.1.2.1.12 Other grid topology improvements to mitigate or reduce PSPS events - Distribution	N/A